CITTA' DI NETTUNO

Città Metropolitana di Roma Capitale

Lavori di completamento Teatro Comunale 2° Lotto Funzionale
CIG 73836794A CUP G71E17000130004

PROGETTO ESECUTIVO

Responsabile dell' Integrazione fra le varie specialistiche: Ing. Alfredo Ingletti

Il Progettista Mandataria:

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TITOLO ELABORATO:

PROGETTO STRUTTURALE

ALLEGATI DI CALCOLO STRUTTURE - PARTE 3

CODICE PROGETTO		NOME FILE	REVISIONE	SCALA:
PROGETTO	LIV. PROG.	PE03STRRE05 B		
1012752	E	CODICE ELAB. PE03STRRE05	B	-

REV.	DESCRIZIONE	DATA	REDATTO	VERIFICATO	APPROVATO
C					
B	ISTRUTTORIA GENIO CIVILE	19.11.2019	H.GURASHI	L.MEZZADRI	A.INGLETTI
A	EMISSIONE	15.05.2019	H.GURASHI	L.MEZZADRI	A.INGLETTI

Table 24: Joint Displacements

Joint	OutputCase	U1	U2	U3	R1	R2	R3
		mm	mm	mm	Radians	Radians	Radians
604	Qm	0.	0.	-661.944308	0.062486	-0.008779	0.
604	Qs	0.	0.	-47.999998	5.887E-11	-9.663E-12	0.
604	T+	0.	0.	0.	0.	0.	-6.433E-19
604	T-	0.	0.	0.	0.	0.	6.433E-19
604	W	0.	0.	-62.105548	-0.047973	0.095741	0.
604	Qm-1	0.	0.	-714.812757	0.058364	-0.008838	0.
604	Qm-2	0.	0.	-57.770863	-0.00505	3.887E-06	0.
605	DEAD	0.	0.	0.	0.	0.	0.
605	G1	0.	0.	-749.778505	1.260E-09	-2.678E-10	0.
605	G2	0.	0.	-66.684814	0.019022	0.000022	0.
605	Qm	0.	0.	-347.589471	0.062552	-0.008768	0.
605	Qs	0.	0.	-47.999998	5.865E-11	-9.641E-12	0.
605	T+	0.	0.	0.	0.	0.	-3.594E-19
605	T-	0.	0.	0.	0.	0.	3.594E-19
605	W	0.	0.	-320.523954	-0.047789	0.095761	0.
605	Qm-1	0.	0.	-421.395937	0.058329	-0.00882	0.
605	Qm-2	0.	0.	-83.029539	-0.00505	-2.932E-06	0.
606	DEAD	0.	0.	0.	0.	0.	0.
606	G1	0.	0.	-749.778505	1.260E-09	-2.678E-10	0.
606	G2	0.	0.	-70.489124	0.019021	0.000021	0.
606	Qm	0.	0.	-360.099879	0.062552	-0.008769	0.
606	Qs	0.	0.	-47.999998	5.865E-11	-9.641E-12	0.
606	T+	0.	0.	0.	0.	0.	3.644E-19
606	T-	0.	0.	0.	0.	0.	-3.644E-19
606	W	0.	0.	-310.965978	-0.047789	0.095756	0.
606	Qm-1	0.	0.	-433.06176	0.058329	-0.008821	0.
606	Qm-2	0.	0.	-82.019638	-0.00505	-2.896E-06	0.
607	DEAD	0.	0.	0.	0.	0.	0.
607	G1	0.	0.	-749.778505	1.261E-09	-2.678E-10	0.
607	G2	0.	0.	-74.293401	0.019021	0.000021	0.
607	Qm	0.	0.	-372.610265	0.062552	-0.008769	0.
607	Qs	0.	0.	-47.999998	5.865E-11	-9.642E-12	0.
607	T+	0.	0.	0.	0.	0.	-3.787E-19
607	T-	0.	0.	0.	0.	0.	3.787E-19
607	W	0.	0.	-301.408235	-0.047789	0.095757	0.
607	Qm-1	0.	0.	-444.727585	0.058329	-0.008822	0.
607	Qm-2	0.	0.	-81.009732	-0.00505	-2.865E-06	0.
608	DEAD	0.	0.	0.	0.	0.	0.
608	G1	0.	0.	-749.778506	1.261E-09	-2.679E-10	0.
608	G2	0.	0.	-78.097694	0.019022	0.00002	0.
608	Qm	0.	0.	-385.120522	0.062551	-0.00877	0.
608	Qs	0.	0.	-47.999998	5.866E-11	-9.642E-12	0.
608	T+	0.	0.	0.	0.	0.	4.064E-19
608	T-	0.	0.	0.	0.	0.	-4.064E-19
608	W	0.	0.	-291.850043	-0.047792	0.095755	0.
608	Qm-1	0.	0.	-456.393316	0.058328	-0.008822	0.
608	Qm-2	0.	0.	-79.999807	-0.00505	-2.812E-06	0.
609	DEAD	0.	0.	0.	0.	0.	0.
609	G1	0.	0.	-749.778506	1.261E-09	-2.679E-10	0.
609	G2	0.	0.	-81.902067	0.019022	0.00002	0.
609	Qm	0.	0.	-397.630519	0.062549	-0.008771	0.
609	Qs	0.	0.	-47.999998	5.866E-11	-9.643E-12	0.
609	T+	0.	0.	0.	0.	0.	-4.241E-19
609	T-	0.	0.	0.	0.	0.	4.241E-19

Table 24: Joint Displacements

Joint	OutputCase	U1	U2	U3	R1	R2	R3
		mm	mm	mm	Radians	Radians	Radians
609	W	0.	0.	-282.291394	-0.047794	0.095754	0.
609	Qm-1	0.	0.	-468.058851	0.058327	-0.008823	0.
609	Qm-2	0.	0.	-78.989842	-0.00505	-2.705E-06	0.
610	DEAD	0.	0.	0.	0.	0.	0.
610	G1	0.	0.	-749.778506	1.261E-09	-2.679E-10	0.
610	G2	0.	0.	-85.706571	0.019023	0.000019	0.
610	Qm	0.	0.	-410.140125	0.062547	-0.008772	0.
610	Qs	0.	0.	-47.999998	5.867E-11	-9.644E-12	0.
610	T+	0.	0.	0.	0.	0.	4.453E-19
610	T-	0.	0.	0.	0.	0.	-4.453E-19
610	W	0.	0.	-272.732394	-0.047796	0.095755	0.
610	Qm-1	0.	0.	-479.724092	0.058325	-0.008824	0.
610	Qm-2	0.	0.	-77.979816	-0.00505	-2.531E-06	0.
611	DEAD	0.	0.	0.	0.	0.	0.
611	G1	0.	0.	-749.778507	1.261E-09	-2.679E-10	0.
611	G2	0.	0.	-89.511241	0.019024	0.000019	0.
611	Qm	0.	0.	-422.649225	0.062544	-0.008773	0.
611	Qs	0.	0.	-47.999998	5.868E-11	-9.645E-12	0.
611	T+	0.	0.	0.	0.	0.	-4.356E-19
611	T-	0.	0.	0.	0.	0.	4.356E-19
611	W	0.	0.	-263.172979	-0.047798	0.095758	0.
611	Qm-1	0.	0.	-491.388959	0.058323	-0.008825	0.
611	Qm-2	0.	0.	-76.969713	-0.005051	-2.299E-06	0.
612	DEAD	0.	0.	0.	0.	0.	0.
612	G1	0.	0.	-749.778507	1.261E-09	-2.680E-10	0.
612	G2	0.	0.	-93.3161	0.019025	0.000019	0.
612	Qm	0.	0.	-435.157738	0.062541	-0.008774	0.
612	Qs	0.	0.	-47.999998	5.868E-11	-9.645E-12	0.
612	T+	0.	0.	0.	0.	0.	4.443E-19
612	T-	0.	0.	0.	0.	0.	-4.443E-19
612	W	0.	0.	-253.612938	-0.047802	0.095762	0.
612	Qm-1	0.	0.	-503.053397	0.058321	-0.008826	0.
612	Qm-2	0.	0.	-75.959523	-0.005051	-2.028E-06	0.
613	DEAD	0.	0.	0.	0.	0.	0.
613	G1	0.	0.	-749.778507	1.261E-09	-2.680E-10	0.
613	G2	0.	0.	-97.121155	0.019026	0.000019	0.
613	Qm	0.	0.	-447.665625	0.062538	-0.008774	0.
613	Qs	0.	0.	-47.999998	5.870E-11	-9.646E-12	0.
613	T+	0.	0.	0.	0.	0.	-4.300E-19
613	T-	0.	0.	0.	0.	0.	4.300E-19
613	W	0.	0.	-244.051856	-0.047809	0.095767	0.
613	Qm-1	0.	0.	-514.717372	0.058319	-0.008827	0.
613	Qm-2	0.	0.	-74.949234	-0.005052	-1.721E-06	0.
614	DEAD	0.	0.	0.	0.	0.	0.
614	G1	0.	0.	-749.778507	1.261E-09	-2.680E-10	0.
614	G2	0.	0.	-100.926387	0.019027	0.000019	0.
614	Qm	0.	0.	-460.172877	0.062535	-0.008775	0.
614	Qs	0.	0.	-47.999998	5.871E-11	-9.647E-12	0.
614	T+	0.	0.	0.	0.	0.	4.764E-19
614	T-	0.	0.	0.	0.	0.	-4.764E-19
614	W	0.	0.	-234.489675	-0.04781	0.095763	0.
614	Qm-1	0.	0.	-526.380876	0.058316	-0.008828	0.
614	Qm-2	0.	0.	-73.93884	-0.005052	-1.390E-06	0.
615	DEAD	0.	0.	0.	0.	0.	0.

Table 24: Joint Displacements

Joint	OutputCase	U1	U2	U3	R1	R2	R3
		mm	mm	mm	Radians	Radians	Radians
615	G1	0.	0.	-749.778508	1.261E-09	-2.680E-10	0.
615	G2	0.	0.	-104.731794	0.019028	0.000019	0.
615	Qm	0.	0.	-472.679496	0.062531	-0.008775	0.
615	Qs	0.	0.	-47.999998	5.872E-11	-9.649E-12	0.
615	T+	0.	0.	0.	0.	0.	-4.738E-19
615	T-	0.	0.	0.	0.	0.	4.738E-19
615	W	0.	0.	-224.927761	-0.047812	0.095771	0.
615	Qm-1	0.	0.	-538.043923	0.058314	-0.008829	0.
615	Qm-2	0.	0.	-72.928335	-0.005053	-1.071E-06	0.
616	DEAD	0.	0.	0.	0.	0.	0.
616	G1	0.	0.	-749.778508	1.261E-09	-2.680E-10	0.
616	G2	0.	0.	-108.537431	0.019029	0.000019	0.
616	Qm	0.	0.	-485.185465	0.062528	-0.008776	0.
616	Qs	0.	0.	-47.999998	5.873E-11	-9.651E-12	0.
616	T+	0.	0.	0.	0.	0.	4.859E-19
616	T-	0.	0.	0.	0.	0.	-4.859E-19
616	W	0.	0.	-215.364406	-0.047821	0.095768	0.
616	Qm-1	0.	0.	-549.706545	0.058312	-0.008829	0.
616	Qm-2	0.	0.	-71.917711	-0.005053	-7.740E-07	0.
617	DEAD	0.	0.	0.	0.	0.	0.
617	G1	0.	0.	-749.778508	1.262E-09	-2.681E-10	0.
617	G2	0.	0.	-112.343366	0.01903	0.000019	0.
617	Qm	0.	0.	-497.690741	0.062525	-0.008777	0.
617	Qs	0.	0.	-47.999998	5.875E-11	-9.654E-12	0.
617	T+	0.	0.	0.	0.	0.	-4.564E-19
617	T-	0.	0.	0.	0.	0.	4.564E-19
617	W	0.	0.	-205.799322	-0.04783	0.095768	0.
617	Qm-1	0.	0.	-561.368806	0.058311	-0.008829	0.
617	Qm-2	0.	0.	-70.906958	-0.005054	-4.002E-07	0.
618	DEAD	0.	0.	0.	0.	0.	0.
618	G1	0.	0.	-749.778508	1.262E-09	-2.681E-10	0.
618	G2	0.	0.	-116.149638	0.019032	0.000019	0.
618	Qm	0.	0.	-510.195246	0.06252	-0.008777	0.
618	Qs	0.	0.	-47.999998	5.876E-11	-9.656E-12	0.
618	T+	0.	0.	0.	0.	0.	4.605E-19
618	T-	0.	0.	0.	0.	0.	-4.605E-19
618	W	0.	0.	-196.232566	-0.047838	0.095768	0.
618	Qm-1	0.	0.	-573.030878	0.05831	-0.008829	0.
618	Qm-2	0.	0.	-69.896091	-0.005055	9.751E-08	0.
619	DEAD	0.	0.	0.	0.	0.	0.
619	G1	0.	0.	-749.778509	1.262E-09	-2.681E-10	0.
619	G2	0.	0.	-119.956263	0.019034	0.00002	0.
619	Qm	0.	0.	-522.698899	0.062516	-0.008778	0.
619	Qs	0.	0.	-47.999998	5.877E-11	-9.658E-12	0.
619	T+	0.	0.	0.	0.	0.	-4.721E-19
619	T-	0.	0.	0.	0.	0.	4.721E-19
619	W	0.	0.	-186.663966	-0.047848	0.09577	0.
619	Qm-1	0.	0.	-584.693081	0.058312	-0.008828	0.
619	Qm-2	0.	0.	-68.885166	-0.005055	6.612E-07	0.
620	DEAD	0.	0.	0.	0.	0.	0.
620	G1	0.	0.	-749.778509	1.262E-09	-2.681E-10	0.
620	G2	0.	0.	-123.763232	0.019036	0.00002	0.
620	Qm	0.	0.	-535.201634	0.062511	-0.008779	0.
620	Qs	0.	0.	-47.999998	5.878E-11	-9.660E-12	0.

Table 24: Joint Displacements

Joint	OutputCase	U1	U2	U3	R1	R2	R3
		mm	mm	mm	Radians	Radians	Radians
620	T+	0.	0.	0.	0.	0.	4.769E-19
620	T-	0.	0.	0.	0.	0.	-4.769E-19
620	W	0.	0.	-177.093117	-0.047861	0.095774	0.
620	Qm-1	0.	0.	-596.355816	0.058316	-0.008828	0.
620	Qm-2	0.	0.	-67.874261	-0.005054	1.166E-06	0.
621	DEAD	0.	0.	0.	0.	0.	0.
621	G1	0.	0.	-749.778509	1.263E-09	-2.681E-10	0.
621	G2	0.	0.	-127.570505	0.019037	0.000021	0.
621	Qm	0.	0.	-547.703421	0.062507	-0.00878	0.
621	Qs	0.	0.	-47.999998	5.880E-11	-9.662E-12	0.
621	T+	0.	0.	0.	0.	0.	-4.837E-19
621	T-	0.	0.	0.	0.	0.	4.837E-19
621	W	0.	0.	-167.519967	-0.047868	0.095768	0.
621	Qm-1	0.	0.	-608.019444	0.058321	-0.008828	0.
621	Qm-2	0.	0.	-66.863443	-0.005054	1.590E-06	0.
622	DEAD	0.	0.	0.	0.	0.	0.
622	G1	0.	0.	-749.778509	1.263E-09	-2.681E-10	0.
622	G2	0.	0.	-131.378049	0.019038	0.000021	0.
622	Qm	0.	0.	-560.204268	0.062502	-0.00878	0.
622	Qs	0.	0.	-47.999998	5.881E-11	-9.663E-12	0.
622	T+	0.	0.	0.	0.	0.	5.125E-19
622	T-	0.	0.	0.	0.	0.	-5.125E-19
622	W	0.	0.	-157.945896	-0.047876	0.095773	0.
622	Qm-1	0.	0.	-619.684249	0.058327	-0.008828	0.
622	Qm-2	0.	0.	-65.852757	-0.005053	1.946E-06	0.
623	DEAD	0.	0.	0.	0.	0.	0.
623	G1	0.	0.	-749.77851	1.263E-09	-2.681E-10	0.
623	G2	0.	0.	-135.185884	0.01904	0.000021	0.
623	Qm	0.	0.	-572.704216	0.062498	-0.008781	0.
623	Qs	0.	0.	-47.999998	5.882E-11	-9.664E-12	0.
623	T+	0.	0.	0.	0.	0.	-5.757E-19
623	T-	0.	0.	0.	0.	0.	5.757E-19
623	W	0.	0.	-148.369216	-0.047891	0.095769	0.
623	Qm-1	0.	0.	-631.350411	0.058334	-0.008829	0.
623	Qm-2	0.	0.	-64.84223	-0.005052	2.242E-06	0.
624	DEAD	0.	0.	0.	0.	0.	0.
624	G1	0.	0.	-749.77851	1.264E-09	-2.682E-10	0.
624	G2	0.	0.	-138.994032	0.019042	0.000022	0.
624	Qm	0.	0.	-585.203344	0.062494	-0.008781	0.
624	Qs	0.	0.	-47.999998	5.884E-11	-9.665E-12	0.
624	T+	0.	0.	0.	0.	0.	6.214E-19
624	T-	0.	0.	0.	0.	0.	-6.214E-19
624	W	0.	0.	-138.789684	-0.047904	0.095766	0.
624	Qm-1	0.	0.	-643.018005	0.058342	-0.00883	0.
624	Qm-2	0.	0.	-63.831869	-0.005051	2.479E-06	0.
625	DEAD	0.	0.	0.	0.	0.	0.
625	G1	0.	0.	-749.77851	1.264E-09	-2.682E-10	0.
625	G2	0.	0.	-142.802483	0.019043	0.000022	0.
625	Qm	0.	0.	-597.70176	0.062491	-0.008781	0.
625	Qs	0.	0.	-47.999998	5.885E-11	-9.665E-12	0.
625	T+	0.	0.	0.	0.	0.	-6.588E-19
625	T-	0.	0.	0.	0.	0.	6.588E-19
625	W	0.	0.	-129.207435	-0.047918	0.095764	0.
625	Qm-1	0.	0.	-654.686992	0.058348	-0.008831	0.

Table 24: Joint Displacements

Joint	OutputCase	U1	U2	U3	R1	R2	R3
		mm	mm	mm	Radians	Radians	Radians
625	Qm-2	0.	0.	-62.821663	-0.005051	2.646E-06	0.
626	DEAD	0.	0.	0.	0.	0.	0.
626	G1	0.	0.	-749.77851	1.264E-09	-2.682E-10	0.
626	G2	0.	0.	-146.611196	0.019044	0.000023	0.
626	Qm	0.	0.	-610.199602	0.062488	-0.008781	0.
626	Qs	0.	0.	-47.999998	5.886E-11	-9.664E-12	0.
626	T+	0.	0.	0.	0.	0.	6.583E-19
626	T-	0.	0.	0.	0.	0.	-6.583E-19
626	W	0.	0.	-119.622419	-0.047932	0.095764	0.
626	Qm-1	0.	0.	-666.357221	0.058354	-0.008833	0.
626	Qm-2	0.	0.	-61.811584	-0.00505	2.729E-06	0.
627	DEAD	0.	0.	0.	0.	0.	0.
627	G1	0.	0.	-749.778511	1.264E-09	-2.682E-10	0.
627	G2	0.	0.	-150.420099	0.019045	0.000024	0.
627	Qm	0.	0.	-622.697024	0.062486	-0.008781	0.
627	Qs	0.	0.	-47.999998	5.887E-11	-9.664E-12	0.
627	T+	0.	0.	0.	0.	0.	-6.220E-19
627	T-	0.	0.	0.	0.	0.	6.220E-19
627	W	0.	0.	-110.034445	-0.047948	0.095765	0.
627	Qm-1	0.	0.	-678.028438	0.058358	-0.008835	0.
627	Qm-2	0.	0.	-60.801581	-0.00505	2.745E-06	0.
628	DEAD	0.	0.	0.	0.	0.	0.
628	G1	0.	0.	-749.778511	1.265E-09	-2.682E-10	0.
628	G2	0.	0.	-154.229083	0.019045	0.000025	0.
628	Qm	0.	0.	-635.19419	0.062485	-0.008781	0.
628	Qs	0.	0.	-47.999998	5.887E-11	-9.663E-12	0.
628	T+	0.	0.	0.	0.	0.	5.836E-19
628	T-	0.	0.	0.	0.	0.	-5.836E-19
628	W	0.	0.	-100.4434	-0.047962	0.095761	0.
628	Qm-1	0.	0.	-689.700319	0.058361	-0.008837	0.
628	Qm-2	0.	0.	-59.791594	-0.00505	2.812E-06	0.
629	DEAD	0.	0.	0.	0.	0.	0.
629	G1	0.	0.	-749.778511	1.265E-09	-2.683E-10	0.
629	G2	0.	0.	-158.038035	0.019045	0.000025	0.
629	Qm	0.	0.	-647.691253	0.062485	-0.008781	0.
629	Qs	0.	0.	-47.999998	5.888E-11	-9.662E-12	0.
629	T+	0.	0.	0.	0.	0.	-5.783E-19
629	T-	0.	0.	0.	0.	0.	5.783E-19
629	W	0.	0.	-90.850044	-0.047969	0.095759	0.
629	Qm-1	0.	0.	-701.37257	0.058362	-0.008838	0.
629	Qm-2	0.	0.	-58.781587	-0.00505	2.980E-06	0.
630	DEAD	0.	0.	0.	0.	0.	0.
630	G1	0.	0.	-749.778511	1.265E-09	-2.683E-10	0.
630	G2	0.	0.	-161.846924	0.019044	0.000026	0.
630	Qm	0.	0.	-660.188313	0.062485	-0.008781	0.
630	Qs	0.	0.	-47.999998	5.888E-11	-9.661E-12	0.
630	T+	0.	0.	0.	0.	0.	5.831E-19
630	T-	0.	0.	0.	0.	0.	-5.831E-19
630	W	0.	0.	-81.254804	-0.04798	0.095751	0.
630	Qm-1	0.	0.	-713.044992	0.058362	-0.008839	0.
630	Qm-2	0.	0.	-57.771565	-0.00505	3.195E-06	0.
631	DEAD	0.	0.	0.	0.	0.	0.
631	G1	0.	0.	-749.778505	1.260E-09	-2.678E-10	0.
631	G2	0.	0.	-66.689114	0.019021	0.000021	0.

Table 24: Joint Displacements

Joint	OutputCase	U1	U2	U3	R1	R2	R3
		mm	mm	mm	Radians	Radians	Radians
631	Qm	0.	0.	-345.835753	0.062552	-0.008769	0.
631	Qs	0.	0.	-47.999998	5.865E-11	-9.639E-12	0.
631	T+	0.	0.	0.	0.	0.	3.464E-19
631	T-	0.	0.	0.	0.	0.	-3.464E-19
631	W	0.	0.	-339.677635	-0.04779	0.095768	0.
631	Qm-1	0.	0.	-419.631741	0.058329	-0.008822	0.
631	Qm-2	0.	0.	-83.028954	-0.005049	-2.919E-06	0.
632	DEAD	0.	0.	0.	0.	0.	0.
632	G1	0.	0.	-749.778505	1.260E-09	-2.678E-10	0.
632	G2	0.	0.	-70.493358	0.019021	0.000021	0.
632	Qm	0.	0.	-358.346067	0.062551	-0.008769	0.
632	Qs	0.	0.	-47.999998	5.865E-11	-9.640E-12	0.
632	T+	0.	0.	0.	0.	0.	-3.552E-19
632	T-	0.	0.	0.	0.	0.	3.552E-19
632	W	0.	0.	-330.119483	-0.047792	0.095788	0.
632	Qm-1	0.	0.	-431.297479	0.058329	-0.008822	0.
632	Qm-2	0.	0.	-82.019059	-0.005049	-2.889E-06	0.
633	DEAD	0.	0.	0.	0.	0.	0.
633	G1	0.	0.	-749.778505	1.260E-09	-2.678E-10	0.
633	G2	0.	0.	-74.29753	0.019021	0.000021	0.
633	Qm	0.	0.	-370.85632	0.062551	-0.00877	0.
633	Qs	0.	0.	-47.999998	5.865E-11	-9.640E-12	0.
633	T+	0.	0.	0.	0.	0.	3.683E-19
633	T-	0.	0.	0.	0.	0.	-3.683E-19
633	W	0.	0.	-320.560809	-0.047794	0.095764	0.
633	Qm-1	0.	0.	-442.963174	0.058328	-0.008822	0.
633	Qm-2	0.	0.	-81.009161	-0.00505	-2.842E-06	0.
634	DEAD	0.	0.	0.	0.	0.	0.
634	G1	0.	0.	-749.778506	1.261E-09	-2.678E-10	0.
634	G2	0.	0.	-78.101726	0.019021	0.00002	0.
634	Qm	0.	0.	-383.366411	0.06255	-0.008771	0.
634	Qs	0.	0.	-47.999998	5.866E-11	-9.641E-12	0.
634	T+	0.	0.	0.	0.	0.	-3.804E-19
634	T-	0.	0.	0.	0.	0.	3.804E-19
634	W	0.	0.	-311.001888	-0.047795	0.095764	0.
634	Qm-1	0.	0.	-454.628742	0.058327	-0.008823	0.
634	Qm-2	0.	0.	-79.999249	-0.00505	-2.763E-06	0.
635	DEAD	0.	0.	0.	0.	0.	0.
635	G1	0.	0.	-749.778506	1.261E-09	-2.679E-10	0.
635	G2	0.	0.	-81.90602	0.019022	0.00002	0.
635	Qm	0.	0.	-395.876227	0.062548	-0.008772	0.
635	Qs	0.	0.	-47.999998	5.866E-11	-9.642E-12	0.
635	T+	0.	0.	0.	0.	0.	3.946E-19
635	T-	0.	0.	0.	0.	0.	-3.946E-19
635	W	0.	0.	-301.442974	-0.047794	0.095761	0.
635	Qm-1	0.	0.	-466.294094	0.058326	-0.008824	0.
635	Qm-2	0.	0.	-78.989307	-0.00505	-2.639E-06	0.
636	DEAD	0.	0.	0.	0.	0.	0.
636	G1	0.	0.	-749.778506	1.261E-09	-2.679E-10	0.
636	G2	0.	0.	-85.710467	0.019023	0.00002	0.
636	Qm	0.	0.	-408.385656	0.062546	-0.008772	0.
636	Qs	0.	0.	-47.999998	5.867E-11	-9.642E-12	0.
636	T+	0.	0.	0.	0.	0.	-4.500E-19
636	T-	0.	0.	0.	0.	0.	4.500E-19

Table 24: Joint Displacements

Joint	OutputCase	U1	U2	U3	R1	R2	R3
		mm	mm	mm	Radians	Radians	Radians
636	W	0.	0.	-291.884154	-0.047794	0.095762	0.
636	Qm-1	0.	0.	-477.959147	0.058324	-0.008825	0.
636	Qm-2	0.	0.	-77.979316	-0.00505	-2.464E-06	0.
637	DEAD	0.	0.	0.	0.	0.	0.
637	G1	0.	0.	-749.778506	1.261E-09	-2.679E-10	0.
637	G2	0.	0.	-89.515105	0.019024	0.000019	0.
637	Qm	0.	0.	-420.894601	0.062543	-0.008773	0.
637	Qs	0.	0.	-47.999998	5.868E-11	-9.643E-12	0.
637	T+	0.	0.	0.	0.	0.	4.394E-19
637	T-	0.	0.	0.	0.	0.	-4.394E-19
637	W	0.	0.	-282.325367	-0.047794	0.095765	0.
637	Qm-1	0.	0.	-489.62383	0.058322	-0.008826	0.
637	Qm-2	0.	0.	-76.969258	-0.00505	-2.241E-06	0.
638	DEAD	0.	0.	0.	0.	0.	0.
638	G1	0.	0.	-749.778507	1.261E-09	-2.679E-10	0.
638	G2	0.	0.	-93.319954	0.019025	0.000019	0.
638	Qm	0.	0.	-433.402989	0.06254	-0.008774	0.
638	Qs	0.	0.	-47.999998	5.868E-11	-9.644E-12	0.
638	T+	0.	0.	0.	0.	0.	-4.306E-19
638	T-	0.	0.	0.	0.	0.	4.306E-19
638	W	0.	0.	-272.7664	-0.047796	0.095773	0.
638	Qm-1	0.	0.	-501.288092	0.05832	-0.008827	0.
638	Qm-2	0.	0.	-75.959121	-0.005051	-1.979E-06	0.
639	DEAD	0.	0.	0.	0.	0.	0.
639	G1	0.	0.	-749.778507	1.261E-09	-2.680E-10	0.
639	G2	0.	0.	-97.125018	0.019026	0.000019	0.
639	Qm	0.	0.	-445.910775	0.062537	-0.008774	0.
639	Qs	0.	0.	-47.999998	5.869E-11	-9.645E-12	0.
639	T+	0.	0.	0.	0.	0.	3.844E-19
639	T-	0.	0.	0.	0.	0.	-3.844E-19
639	W	0.	0.	-263.206852	-0.0478	0.095776	0.
639	Qm-1	0.	0.	-512.951902	0.058318	-0.008827	0.
639	Qm-2	0.	0.	-74.948891	-0.005051	-1.690E-06	0.
640	DEAD	0.	0.	0.	0.	0.	0.
640	G1	0.	0.	-749.778507	1.261E-09	-2.680E-10	0.
640	G2	0.	0.	-100.93027	0.019027	0.000019	0.
640	Qm	0.	0.	-458.417934	0.062534	-0.008775	0.
640	Qs	0.	0.	-47.999998	5.871E-11	-9.647E-12	0.
640	T+	0.	0.	0.	0.	0.	-3.849E-19
640	T-	0.	0.	0.	0.	0.	3.849E-19
640	W	0.	0.	-253.646082	-0.047808	0.095817	0.
640	Qm-1	0.	0.	-524.615252	0.058316	-0.008828	0.
640	Qm-2	0.	0.	-73.93856	-0.005052	-1.388E-06	0.
641	DEAD	0.	0.	0.	0.	0.	0.
641	G1	0.	0.	-749.778507	1.261E-09	-2.680E-10	0.
641	G2	0.	0.	-104.735654	0.019027	0.000019	0.
641	Qm	0.	0.	-470.92445	0.062531	-0.008775	0.
641	Qs	0.	0.	-47.999998	5.872E-11	-9.649E-12	0.
641	T+	0.	0.	0.	0.	0.	4.267E-19
641	T-	0.	0.	0.	0.	0.	-4.267E-19
641	W	0.	0.	-244.083471	-0.047817	0.095779	0.
641	Qm-1	0.	0.	-536.278157	0.058313	-0.008829	0.
641	Qm-2	0.	0.	-72.928117	-0.005053	-1.081E-06	0.
642	DEAD	0.	0.	0.	0.	0.	0.

Table 24: Joint Displacements

Joint	OutputCase	U1	U2	U3	R1	R2	R3
		mm	mm	mm	Radians	Radians	Radians
642	G1	0.	0.	-749.778508	1.261E-09	-2.680E-10	0.
642	G2	0.	0.	-108.541278	0.019029	0.000019	0.
642	Qm	0.	0.	-483.430294	0.062527	-0.008776	0.
642	Qs	0.	0.	-47.999998	5.873E-11	-9.651E-12	0.
642	T+	0.	0.	0.	0.	0.	-4.231E-19
642	T-	0.	0.	0.	0.	0.	4.231E-19
642	W	0.	0.	-234.519307	-0.047824	0.095781	0.
642	Qm-1	0.	0.	-547.940663	0.058312	-0.00883	0.
642	Qm-2	0.	0.	-71.917555	-0.005053	-7.597E-07	0.
643	DEAD	0.	0.	0.	0.	0.	0.
643	G1	0.	0.	-749.778508	1.261E-09	-2.681E-10	0.
643	G2	0.	0.	-112.347222	0.019031	0.000019	0.
643	Qm	0.	0.	-495.93542	0.062524	-0.008777	0.
643	Qs	0.	0.	-47.999998	5.874E-11	-9.653E-12	0.
643	T+	0.	0.	0.	0.	0.	4.077E-19
643	T-	0.	0.	0.	0.	0.	-4.077E-19
643	W	0.	0.	-224.953895	-0.04783	0.095777	0.
643	Qm-1	0.	0.	-559.60287	0.058311	-0.00883	0.
643	Qm-2	0.	0.	-70.906876	-0.005054	-3.896E-07	0.
644	DEAD	0.	0.	0.	0.	0.	0.
644	G1	0.	0.	-749.778508	1.262E-09	-2.681E-10	0.
644	G2	0.	0.	-116.153527	0.019032	0.000019	0.
644	Qm	0.	0.	-508.439762	0.06252	-0.008777	0.
644	Qs	0.	0.	-47.999998	5.876E-11	-9.655E-12	0.
644	T+	0.	0.	0.	0.	0.	-3.994E-19
644	T-	0.	0.	0.	0.	0.	3.994E-19
644	W	0.	0.	-215.387286	-0.047836	0.095778	0.
644	Qm-1	0.	0.	-571.264967	0.058311	-0.00883	0.
644	Qm-2	0.	0.	-69.896103	-0.005054	4.322E-08	0.
645	DEAD	0.	0.	0.	0.	0.	0.
645	G1	0.	0.	-749.778508	1.262E-09	-2.681E-10	0.
645	G2	0.	0.	-119.96021	0.019034	0.00002	0.
645	Qm	0.	0.	-520.943253	0.062515	-0.008778	0.
645	Qs	0.	0.	-47.999998	5.877E-11	-9.658E-12	0.
645	T+	0.	0.	0.	0.	0.	4.341E-19
645	T-	0.	0.	0.	0.	0.	-4.341E-19
645	W	0.	0.	-205.819307	-0.047844	0.095783	0.
645	Qm-1	0.	0.	-582.927237	0.058312	-0.00883	0.
645	Qm-2	0.	0.	-68.885281	-0.005054	5.100E-07	0.
646	DEAD	0.	0.	0.	0.	0.	0.
646	G1	0.	0.	-749.778509	1.262E-09	-2.681E-10	0.
646	G2	0.	0.	-123.76726	0.019036	0.00002	0.
646	Qm	0.	0.	-533.445839	0.062511	-0.008779	0.
646	Qs	0.	0.	-47.999998	5.878E-11	-9.659E-12	0.
646	T+	0.	0.	0.	0.	0.	-4.645E-19
646	T-	0.	0.	0.	0.	0.	4.645E-19
646	W	0.	0.	-196.249554	-0.047854	0.095783	0.
646	Qm-1	0.	0.	-594.590019	0.058316	-0.00883	0.
646	Qm-2	0.	0.	-67.874472	-0.005054	9.594E-07	0.
647	DEAD	0.	0.	0.	0.	0.	0.
647	G1	0.	0.	-749.778509	1.263E-09	-2.681E-10	0.
647	G2	0.	0.	-127.574628	0.019037	0.00002	0.
647	Qm	0.	0.	-545.947495	0.062506	-0.008779	0.
647	Qs	0.	0.	-47.999998	5.880E-11	-9.661E-12	0.

Table 24: Joint Displacements

Joint	OutputCase	U1	U2	U3	R1	R2	R3
		mm	mm	mm	Radians	Radians	Radians
647	T+	0.	0.	0.	0.	0.	4.754E-19
647	T-	0.	0.	0.	0.	0.	-4.754E-19
647	W	0.	0.	-186.677381	-0.047868	0.095823	0.
647	Qm-1	0.	0.	-606.253644	0.058321	-0.00883	0.
647	Qm-2	0.	0.	-66.863737	-0.005053	1.358E-06	0.
648	DEAD	0.	0.	0.	0.	0.	0.
648	G1	0.	0.	-749.778509	1.263E-09	-2.682E-10	0.
648	G2	0.	0.	-131.382227	0.019039	0.000021	0.
648	Qm	0.	0.	-558.448231	0.062501	-0.00878	0.
648	Qs	0.	0.	-47.999998	5.881E-11	-9.663E-12	0.
648	T+	0.	0.	0.	0.	0.	-5.281E-19
648	T-	0.	0.	0.	0.	0.	5.281E-19
648	W	0.	0.	-177.102163	-0.047883	0.095783	0.
648	Qm-1	0.	0.	-617.918379	0.058327	-0.00883	0.
648	Qm-2	0.	0.	-65.853121	-0.005053	1.700E-06	0.
649	DEAD	0.	0.	0.	0.	0.	0.
649	G1	0.	0.	-749.778509	1.263E-09	-2.682E-10	0.
649	G2	0.	0.	-135.19013	0.01904	0.000021	0.
649	Qm	0.	0.	-570.948093	0.062497	-0.00878	0.
649	Qs	0.	0.	-47.999998	5.882E-11	-9.664E-12	0.
649	T+	0.	0.	0.	0.	0.	5.625E-19
649	T-	0.	0.	0.	0.	0.	-5.625E-19
649	W	0.	0.	-167.524203	-0.047896	0.095782	0.
649	Qm-1	0.	0.	-629.584401	0.058333	-0.008831	0.
649	Qm-2	0.	0.	-64.842652	-0.005052	1.987E-06	0.
650	DEAD	0.	0.	0.	0.	0.	0.
650	G1	0.	0.	-749.77851	1.264E-09	-2.682E-10	0.
650	G2	0.	0.	-138.998372	0.019042	0.000022	0.
650	Qm	0.	0.	-583.447159	0.062494	-0.008781	0.
650	Qs	0.	0.	-47.999998	5.884E-11	-9.664E-12	0.
650	T+	0.	0.	0.	0.	0.	-5.884E-19
650	T-	0.	0.	0.	0.	0.	5.884E-19
650	W	0.	0.	-157.943837	-0.047908	0.095775	0.
650	Qm-1	0.	0.	-641.251786	0.05834	-0.008832	0.
650	Qm-2	0.	0.	-63.832337	-0.005051	2.217E-06	0.
651	DEAD	0.	0.	0.	0.	0.	0.
651	G1	0.	0.	-749.77851	1.264E-09	-2.682E-10	0.
651	G2	0.	0.	-142.806943	0.019044	0.000022	0.
651	Qm	0.	0.	-595.94554	0.06249	-0.008781	0.
651	Qs	0.	0.	-47.999998	5.885E-11	-9.664E-12	0.
651	T+	0.	0.	0.	0.	0.	5.987E-19
651	T-	0.	0.	0.	0.	0.	-5.987E-19
651	W	0.	0.	-148.36118	-0.047919	0.095773	0.
651	Qm-1	0.	0.	-652.920498	0.058347	-0.008833	0.
651	Qm-2	0.	0.	-62.822164	-0.005051	2.385E-06	0.
652	DEAD	0.	0.	0.	0.	0.	0.
652	G1	0.	0.	-749.77851	1.264E-09	-2.682E-10	0.
652	G2	0.	0.	-146.615803	0.019045	0.000023	0.
652	Qm	0.	0.	-608.443371	0.062488	-0.008781	0.
652	Qs	0.	0.	-47.999998	5.886E-11	-9.663E-12	0.
652	T+	0.	0.	0.	0.	0.	-5.919E-19
652	T-	0.	0.	0.	0.	0.	5.919E-19
652	W	0.	0.	-138.776162	-0.047931	0.095774	0.
652	Qm-1	0.	0.	-664.590402	0.058352	-0.008835	0.

Table 24: Joint Displacements

Joint	OutputCase	U1	U2	U3	R1	R2	R3
		mm	mm	mm	Radians	Radians	Radians
652	Qm-2	0.	0.	-61.812103	-0.00505	2.493E-06	0.
653	DEAD	0.	0.	0.	0.	0.	0.
653	G1	0.	0.	-749.77851	1.264E-09	-2.682E-10	0.
653	G2	0.	0.	-150.424874	0.019046	0.000024	0.
653	Qm	0.	0.	-620.940804	0.062486	-0.008781	0.
653	Qs	0.	0.	-47.999998	5.887E-11	-9.663E-12	0.
653	T+	0.	0.	0.	0.	0.	5.731E-19
653	T-	0.	0.	0.	0.	0.	-5.731E-19
653	W	0.	0.	-129.188551	-0.047945	0.095773	0.
653	Qm-1	0.	0.	-676.261274	0.058356	-0.008836	0.
653	Qm-2	0.	0.	-60.802109	-0.00505	2.566E-06	0.
654	DEAD	0.	0.	0.	0.	0.	0.
654	G1	0.	0.	-749.778511	1.265E-09	-2.683E-10	0.
654	G2	0.	0.	-154.234036	0.019046	0.000025	0.
654	Qm	0.	0.	-633.437992	0.062486	-0.008781	0.
654	Qs	0.	0.	-47.999998	5.887E-11	-9.662E-12	0.
654	T+	0.	0.	0.	0.	0.	-5.532E-19
654	T-	0.	0.	0.	0.	0.	5.532E-19
654	W	0.	0.	-119.597984	-0.04796	0.095791	0.
654	Qm-1	0.	0.	-687.932846	0.058359	-0.008838	0.
654	Qm-2	0.	0.	-59.792137	-0.00505	2.647E-06	0.
655	DEAD	0.	0.	0.	0.	0.	0.
655	G1	0.	0.	-749.778511	1.265E-09	-2.683E-10	0.
655	G2	0.	0.	-158.043115	0.019045	0.000025	0.
655	Qm	0.	0.	-645.935069	0.062485	-0.008781	0.
655	Qs	0.	0.	-47.999998	5.888E-11	-9.661E-12	0.
655	T+	0.	0.	0.	0.	0.	5.262E-19
655	T-	0.	0.	0.	0.	0.	-5.262E-19
655	W	0.	0.	-110.003239	-0.047995	0.095769	0.
655	Qm-1	0.	0.	-699.604857	0.058361	-0.008839	0.
655	Qm-2	0.	0.	-58.782156	-0.00505	2.750E-06	0.
656	DEAD	0.	0.	0.	0.	0.	0.
656	G1	0.	0.	-749.778511	1.265E-09	-2.683E-10	0.
656	G2	0.	0.	-161.852085	0.019045	0.000026	0.
656	Qm	0.	0.	-658.432124	0.062485	-0.008781	0.
656	Qs	0.	0.	-47.999998	5.888E-11	-9.661E-12	0.
656	T+	0.	0.	0.	0.	0.	-5.423E-19
656	T-	0.	0.	0.	0.	0.	5.423E-19
656	W	0.	0.	-100.406368	-0.047981	0.095767	0.
656	Qm-1	0.	0.	-711.277071	0.058361	-0.00884	0.
656	Qm-2	0.	0.	-57.772165	-0.00505	2.854E-06	0.
657	DEAD	0.	0.	0.	0.	0.	0.
657	G1	0.	0.	-749.778505	1.260E-09	-2.678E-10	0.
657	G2	0.	0.	-70.497539	0.019021	0.000021	0.
657	Qm	0.	0.	-356.592152	0.062551	-0.00877	0.
657	Qs	0.	0.	-47.999998	5.865E-11	-9.639E-12	0.
657	T+	0.	0.	0.	0.	0.	3.474E-19
657	T-	0.	0.	0.	0.	0.	-3.474E-19
657	W	0.	0.	-349.274716	-0.047796	0.095772	0.
657	Qm-1	0.	0.	-429.533073	0.058328	-0.008822	0.
657	Qm-2	0.	0.	-82.018483	-0.005049	-2.877E-06	0.
658	DEAD	0.	0.	0.	0.	0.	0.
658	G1	0.	0.	-749.778505	1.260E-09	-2.678E-10	0.
658	G2	0.	0.	-74.301653	0.01902	0.000021	0.

Table 24: Joint Displacements

Joint	OutputCase	U1	U2	U3	R1	R2	R3
		mm	mm	mm	Radians	Radians	Radians
658	Qm	0.	0.	-369.10231	0.06255	-0.00877	0.
658	Qs	0.	0.	-47.999998	5.865E-11	-9.640E-12	0.
658	T+	0.	0.	0.	0.	0.	-3.632E-19
658	T-	0.	0.	0.	0.	0.	3.632E-19
658	W	0.	0.	-339.714798	-0.047801	0.095772	0.
658	Qm-1	0.	0.	-441.198671	0.058328	-0.008823	0.
658	Qm-2	0.	0.	-81.008595	-0.005049	-2.818E-06	0.
659	DEAD	0.	0.	0.	0.	0.	0.
659	G1	0.	0.	-749.778506	1.261E-09	-2.678E-10	0.
659	G2	0.	0.	-78.105767	0.019021	0.00002	0.
659	Qm	0.	0.	-381.612274	0.062549	-0.008771	0.
659	Qs	0.	0.	-47.999998	5.866E-11	-9.641E-12	0.
659	T+	0.	0.	0.	0.	0.	3.728E-19
659	T-	0.	0.	0.	0.	0.	-3.728E-19
659	W	0.	0.	-330.154803	-0.047799	0.095765	0.
659	Qm-1	0.	0.	-452.864108	0.058327	-0.008823	0.
659	Qm-2	0.	0.	-79.998701	-0.00505	-2.721E-06	0.
660	DEAD	0.	0.	0.	0.	0.	0.
660	G1	0.	0.	-749.778506	1.261E-09	-2.679E-10	0.
660	G2	0.	0.	-81.909984	0.019021	0.00002	0.
660	Qm	0.	0.	-394.121947	0.062547	-0.008771	0.
660	Qs	0.	0.	-47.999998	5.866E-11	-9.642E-12	0.
660	T+	0.	0.	0.	0.	0.	-3.698E-19
660	T-	0.	0.	0.	0.	0.	3.698E-19
660	W	0.	0.	-320.595454	-0.047795	0.095763	0.
660	Qm-1	0.	0.	-464.529306	0.058325	-0.008824	0.
660	Qm-2	0.	0.	-78.988786	-0.00505	-2.578E-06	0.
661	DEAD	0.	0.	0.	0.	0.	0.
661	G1	0.	0.	-749.778506	1.261E-09	-2.679E-10	0.
661	G2	0.	0.	-85.714371	0.019022	0.000019	0.
661	Qm	0.	0.	-406.631233	0.062545	-0.008772	0.
661	Qs	0.	0.	-47.999998	5.867E-11	-9.643E-12	0.
661	T+	0.	0.	0.	0.	0.	4.311E-19
661	T-	0.	0.	0.	0.	0.	-4.311E-19
661	W	0.	0.	-311.036808	-0.047792	0.095764	0.
661	Qm-1	0.	0.	-476.194193	0.058324	-0.008825	0.
661	Qm-2	0.	0.	-77.978831	-0.00505	-2.390E-06	0.
662	DEAD	0.	0.	0.	0.	0.	0.
662	G1	0.	0.	-749.778506	1.261E-09	-2.679E-10	0.
662	G2	0.	0.	-89.518971	0.019024	0.000019	0.
662	Qm	0.	0.	-419.140043	0.062543	-0.008773	0.
662	Qs	0.	0.	-47.999998	5.867E-11	-9.644E-12	0.
662	T+	0.	0.	0.	0.	0.	-4.357E-19
662	T-	0.	0.	0.	0.	0.	4.357E-19
662	W	0.	0.	-301.478789	-0.047789	0.095768	0.
662	Qm-1	0.	0.	-487.858707	0.058322	-0.008825	0.
662	Qm-2	0.	0.	-76.968819	-0.00505	-2.158E-06	0.
663	DEAD	0.	0.	0.	0.	0.	0.
663	G1	0.	0.	-749.778507	1.261E-09	-2.680E-10	0.
663	G2	0.	0.	-93.323803	0.019025	0.000019	0.
663	Qm	0.	0.	-431.648312	0.06254	-0.008773	0.
663	Qs	0.	0.	-47.999998	5.868E-11	-9.646E-12	0.
663	T+	0.	0.	0.	0.	0.	4.067E-19
663	T-	0.	0.	0.	0.	0.	-4.067E-19

Table 24: Joint Displacements

Joint	OutputCase	U1	U2	U3	R1	R2	R3
		mm	mm	mm	Radians	Radians	Radians
663	W	0.	0.	-291.921245	-0.047787	0.095775	0.
663	Qm-1	0.	0.	-499.522801	0.058319	-0.008826	0.
663	Qm-2	0.	0.	-75.958734	-0.005051	-1.891E-06	0.
664	DEAD	0.	0.	0.	0.	0.	0.
664	G1	0.	0.	-749.778507	1.261E-09	-2.680E-10	0.
664	G2	0.	0.	-97.128858	0.019026	0.000019	0.
664	Qm	0.	0.	-444.155991	0.062537	-0.008774	0.
664	Qs	0.	0.	-47.999998	5.869E-11	-9.647E-12	0.
664	T+	0.	0.	0.	0.	0.	-3.344E-19
664	T-	0.	0.	0.	0.	0.	3.344E-19
664	W	0.	0.	-282.363799	-0.047789	0.095788	0.
664	Qm-1	0.	0.	-511.186446	0.058317	-0.008827	0.
664	Qm-2	0.	0.	-74.948562	-0.005051	-1.601E-06	0.
665	DEAD	0.	0.	0.	0.	0.	0.
665	G1	0.	0.	-749.778507	1.261E-09	-2.680E-10	0.
665	G2	0.	0.	-100.934092	0.019027	0.000019	0.
665	Qm	0.	0.	-456.663048	0.062534	-0.008774	0.
665	Qs	0.	0.	-47.999998	5.870E-11	-9.649E-12	0.
665	T+	0.	0.	0.	0.	0.	3.273E-19
665	T-	0.	0.	0.	0.	0.	-3.273E-19
665	W	0.	0.	-272.804794	-0.047806	0.095785	0.
665	Qm-1	0.	0.	-522.849638	0.058315	-0.008828	0.
665	Qm-2	0.	0.	-73.938291	-0.005052	-1.296E-06	0.
666	DEAD	0.	0.	0.	0.	0.	0.
666	G1	0.	0.	-749.778507	1.261E-09	-2.680E-10	0.
666	G2	0.	0.	-104.739482	0.019027	0.000019	0.
666	Qm	0.	0.	-469.169456	0.06253	-0.008775	0.
666	Qs	0.	0.	-47.999998	5.872E-11	-9.651E-12	0.
666	T+	0.	0.	0.	0.	0.	-3.997E-19
666	T-	0.	0.	0.	0.	0.	3.997E-19
666	W	0.	0.	-263.241228	-0.047825	0.095793	0.
666	Qm-1	0.	0.	-534.512396	0.058313	-0.008829	0.
666	Qm-2	0.	0.	-72.927909	-0.005052	-9.834E-07	0.
667	DEAD	0.	0.	0.	0.	0.	0.
667	G1	0.	0.	-749.778508	1.261E-09	-2.681E-10	0.
667	G2	0.	0.	-108.545104	0.019029	0.000019	0.
667	Qm	0.	0.	-481.675179	0.062527	-0.008775	0.
667	Qs	0.	0.	-47.999998	5.873E-11	-9.653E-12	0.
667	T+	0.	0.	0.	0.	0.	4.231E-19
667	T-	0.	0.	0.	0.	0.	-4.231E-19
667	W	0.	0.	-253.67579	-0.047829	0.095784	0.
667	Qm-1	0.	0.	-546.174778	0.058311	-0.008829	0.
667	Qm-2	0.	0.	-71.917413	-0.005053	-6.571E-07	0.
668	DEAD	0.	0.	0.	0.	0.	0.
668	G1	0.	0.	-749.778508	1.261E-09	-2.681E-10	0.
668	G2	0.	0.	-112.351056	0.019031	0.000019	0.
668	Qm	0.	0.	-494.180168	0.062523	-0.008776	0.
668	Qs	0.	0.	-47.999998	5.874E-11	-9.655E-12	0.
668	T+	0.	0.	0.	0.	0.	-3.929E-19
668	T-	0.	0.	0.	0.	0.	3.929E-19
668	W	0.	0.	-244.109826	-0.047831	0.095781	0.
668	Qm-1	0.	0.	-557.836899	0.05831	-0.00883	0.
668	Qm-2	0.	0.	-70.906807	-0.005053	-3.057E-07	0.
669	DEAD	0.	0.	0.	0.	0.	0.

Table 24: Joint Displacements

Joint	OutputCase	U1	U2	U3	R1	R2	R3
		mm	mm	mm	Radians	Radians	Radians
669	G1	0.	0.	-749.778508	1.262E-09	-2.681E-10	0.
669	G2	0.	0.	-116.157393	0.019033	0.000019	0.
669	Qm	0.	0.	-506.684364	0.062519	-0.008777	0.
669	Qs	0.	0.	-47.999998	5.875E-11	-9.657E-12	0.
669	T+	0.	0.	0.	0.	0.	3.950E-19
669	T-	0.	0.	0.	0.	0.	-3.950E-19
669	W	0.	0.	-234.543397	-0.047834	0.095782	0.
669	Qm-1	0.	0.	-569.498949	0.05831	-0.00883	0.
669	Qm-2	0.	0.	-69.896114	-0.005054	7.455E-08	0.
670	DEAD	0.	0.	0.	0.	0.	0.
670	G1	0.	0.	-749.778508	1.262E-09	-2.682E-10	0.
670	G2	0.	0.	-119.96413	0.019035	0.000019	0.
670	Qm	0.	0.	-519.187707	0.062514	-0.008777	0.
670	Qs	0.	0.	-47.999998	5.877E-11	-9.659E-12	0.
670	T+	0.	0.	0.	0.	0.	-4.473E-19
670	T-	0.	0.	0.	0.	0.	4.473E-19
670	W	0.	0.	-224.976326	-0.047837	0.095787	0.
670	Qm-1	0.	0.	-581.161196	0.058312	-0.008831	0.
670	Qm-2	0.	0.	-68.885378	-0.005054	4.689E-07	0.
671	DEAD	0.	0.	0.	0.	0.	0.
671	G1	0.	0.	-749.778509	1.262E-09	-2.682E-10	0.
671	G2	0.	0.	-123.771248	0.019036	0.00002	0.
671	Qm	0.	0.	-531.690151	0.06251	-0.008778	0.
671	Qs	0.	0.	-47.999998	5.878E-11	-9.661E-12	0.
671	T+	0.	0.	0.	0.	0.	4.765E-19
671	T-	0.	0.	0.	0.	0.	-4.765E-19
671	W	0.	0.	-215.408198	-0.047845	0.095797	0.
671	Qm-1	0.	0.	-592.823948	0.058316	-0.008831	0.
671	Qm-2	0.	0.	-67.874652	-0.005054	8.529E-07	0.
672	DEAD	0.	0.	0.	0.	0.	0.
672	G1	0.	0.	-749.778509	1.263E-09	-2.682E-10	0.
672	G2	0.	0.	-127.578677	0.019038	0.00002	0.
672	Qm	0.	0.	-544.191677	0.062505	-0.008779	0.
672	Qs	0.	0.	-47.999998	5.879E-11	-9.663E-12	0.
672	T+	0.	0.	0.	0.	0.	-4.829E-19
672	T-	0.	0.	0.	0.	0.	4.829E-19
672	W	0.	0.	-205.837319	-0.047869	0.095792	0.
672	Qm-1	0.	0.	-604.487512	0.05832	-0.008831	0.
672	Qm-2	0.	0.	-66.863992	-0.005053	1.207E-06	0.
673	DEAD	0.	0.	0.	0.	0.	0.
673	G1	0.	0.	-749.778509	1.263E-09	-2.682E-10	0.
673	G2	0.	0.	-131.386368	0.019039	0.000021	0.
673	Qm	0.	0.	-556.692298	0.062501	-0.008779	0.
673	Qs	0.	0.	-47.999998	5.881E-11	-9.664E-12	0.
673	T+	0.	0.	0.	0.	0.	5.695E-19
673	T-	0.	0.	0.	0.	0.	-5.695E-19
673	W	0.	0.	-196.260666	-0.047893	0.095797	0.
673	Qm-1	0.	0.	-616.152142	0.058326	-0.008832	0.
673	Qm-2	0.	0.	-65.853442	-0.005052	1.524E-06	0.
674	DEAD	0.	0.	0.	0.	0.	0.
674	G1	0.	0.	-749.778509	1.263E-09	-2.682E-10	0.
674	G2	0.	0.	-135.194358	0.019041	0.000021	0.
674	Qm	0.	0.	-569.19206	0.062497	-0.00878	0.
674	Qs	0.	0.	-47.999998	5.882E-11	-9.665E-12	0.

Table 24: Joint Displacements

Joint	OutputCase	U1	U2	U3	R1	R2	R3
		mm	mm	mm	Radians	Radians	Radians
674	T+	0.	0.	0.	0.	0.	-5.795E-19
674	T-	0.	0.	0.	0.	0.	5.795E-19
674	W	0.	0.	-186.680918	-0.047903	0.095785	0.
674	Qm-1	0.	0.	-627.818012	0.058333	-0.008833	0.
674	Qm-2	0.	0.	-64.84303	-0.005052	1.802E-06	0.
675	DEAD	0.	0.	0.	0.	0.	0.
675	G1	0.	0.	-749.77851	1.264E-09	-2.683E-10	0.
675	G2	0.	0.	-139.002702	0.019043	0.000022	0.
675	Qm	0.	0.	-581.691047	0.062493	-0.00878	0.
675	Qs	0.	0.	-47.999998	5.884E-11	-9.665E-12	0.
675	T+	0.	0.	0.	0.	0.	5.781E-19
675	T-	0.	0.	0.	0.	0.	-5.781E-19
675	W	0.	0.	-177.099428	-0.047912	0.09578	0.
675	Qm-1	0.	0.	-639.485198	0.058339	-0.008834	0.
675	Qm-2	0.	0.	-63.832761	-0.005051	2.040E-06	0.
676	DEAD	0.	0.	0.	0.	0.	0.
676	G1	0.	0.	-749.77851	1.264E-09	-2.683E-10	0.
676	G2	0.	0.	-142.8114	0.019044	0.000022	0.
676	Qm	0.	0.	-594.189369	0.06249	-0.008781	0.
676	Qs	0.	0.	-47.999998	5.885E-11	-9.665E-12	0.
676	T+	0.	0.	0.	0.	0.	-5.645E-19
676	T-	0.	0.	0.	0.	0.	5.645E-19
676	W	0.	0.	-167.51628	-0.04792	0.095777	0.
676	Qm-1	0.	0.	-651.153673	0.058345	-0.008835	0.
676	Qm-2	0.	0.	-62.822625	-0.00505	2.234E-06	0.
677	DEAD	0.	0.	0.	0.	0.	0.
677	G1	0.	0.	-749.77851	1.264E-09	-2.683E-10	0.
677	G2	0.	0.	-146.62041	0.019046	0.000023	0.
677	Qm	0.	0.	-606.687162	0.062488	-0.008781	0.
677	Qs	0.	0.	-47.999998	5.886E-11	-9.664E-12	0.
677	T+	0.	0.	0.	0.	0.	5.445E-19
677	T-	0.	0.	0.	0.	0.	-5.445E-19
677	W	0.	0.	-157.93133	-0.04793	0.095778	0.
677	Qm-1	0.	0.	-662.823312	0.058351	-0.008836	0.
677	Qm-2	0.	0.	-61.81259	-0.00505	2.387E-06	0.
678	DEAD	0.	0.	0.	0.	0.	0.
678	G1	0.	0.	-749.77851	1.264E-09	-2.683E-10	0.
678	G2	0.	0.	-150.42964	0.019046	0.000024	0.
678	Qm	0.	0.	-619.184575	0.062486	-0.008781	0.
678	Qs	0.	0.	-47.999998	5.887E-11	-9.663E-12	0.
678	T+	0.	0.	0.	0.	0.	-5.479E-19
678	T-	0.	0.	0.	0.	0.	5.479E-19
678	W	0.	0.	-148.344249	-0.047942	0.095782	0.
678	Qm-1	0.	0.	-674.49392	0.058355	-0.008837	0.
678	Qm-2	0.	0.	-60.802615	-0.00505	2.510E-06	0.
679	DEAD	0.	0.	0.	0.	0.	0.
679	G1	0.	0.	-749.778511	1.265E-09	-2.683E-10	0.
679	G2	0.	0.	-154.238933	0.019046	0.000024	0.
679	Qm	0.	0.	-631.681756	0.062486	-0.008781	0.
679	Qs	0.	0.	-47.999998	5.887E-11	-9.662E-12	0.
679	T+	0.	0.	0.	0.	0.	5.317E-19
679	T-	0.	0.	0.	0.	0.	-5.317E-19
679	W	0.	0.	-138.753817	-0.047966	0.095776	0.
679	Qm-1	0.	0.	-686.16526	0.058358	-0.008838	0.

Table 24: Joint Displacements

Joint	OutputCase	U1	U2	U3	R1	R2	R3
		mm	mm	mm	Radians	Radians	Radians
679	Qm-2	0.	0.	-59.792661	-0.00505	2.615E-06	0.
680	DEAD	0.	0.	0.	0.	0.	0.
680	G1	0.	0.	-749.778511	1.265E-09	-2.683E-10	0.
680	G2	0.	0.	-158.048124	0.019046	0.000025	0.
680	Qm	0.	0.	-644.17883	0.062485	-0.008781	0.
680	Qs	0.	0.	-47.999998	5.888E-11	-9.661E-12	0.
680	T+	0.	0.	0.	0.	0.	-5.368E-19
680	T-	0.	0.	0.	0.	0.	5.368E-19
680	W	0.	0.	-129.158373	-0.047979	0.095779	0.
680	Qm-1	0.	0.	-697.837093	0.05836	-0.008839	0.
680	Qm-2	0.	0.	-58.782699	-0.00505	2.704E-06	0.
5~Link	DEAD	0.	0.	0.	0.	0.	0.
5~Link	G1	0.	0.	0.	0.	0.	0.
5~Link	G2	0.	0.	0.	0.	0.	0.
5~Link	Qm	0.	0.	0.	0.	0.	0.
5~Link	Qs	0.	0.	0.	0.	0.	0.
5~Link	T+	0.	0.	0.	0.	0.	0.
5~Link	T-	0.	0.	0.	0.	0.	0.
5~Link	W	0.	0.	0.	0.	0.	0.
5~Link	Qm-1	0.	0.	0.	0.	0.	0.
5~Link	Qm-2	0.	0.	0.	0.	0.	0.
11~Link	DEAD	0.	0.	0.	0.	0.	0.
11~Link	G1	0.	0.	0.	0.	0.	0.
11~Link	G2	0.	0.	0.	0.	0.	0.
11~Link	Qm	0.	0.	0.	0.	0.	0.
11~Link	Qs	0.	0.	0.	0.	0.	0.
11~Link	T+	0.	0.	0.	0.	0.	0.
11~Link	T-	0.	0.	0.	0.	0.	0.
11~Link	W	0.	0.	0.	0.	0.	0.
11~Link	Qm-1	0.	0.	0.	0.	0.	0.
11~Link	Qm-2	0.	0.	0.	0.	0.	0.
10~Link	DEAD	0.	0.	0.	0.	0.	0.
10~Link	G1	0.	0.	0.	0.	0.	0.
10~Link	G2	0.	0.	0.	0.	0.	0.
10~Link	Qm	0.	0.	0.	0.	0.	0.
10~Link	Qs	0.	0.	0.	0.	0.	0.
10~Link	T+	0.	0.	0.	0.	0.	0.
10~Link	T-	0.	0.	0.	0.	0.	0.
10~Link	W	0.	0.	0.	0.	0.	0.
10~Link	Qm-1	0.	0.	0.	0.	0.	0.
10~Link	Qm-2	0.	0.	0.	0.	0.	0.
9~Link	DEAD	0.	0.	0.	0.	0.	0.
9~Link	G1	0.	0.	0.	0.	0.	0.
9~Link	G2	0.	0.	0.	0.	0.	0.
9~Link	Qm	0.	0.	0.	0.	0.	0.
9~Link	Qs	0.	0.	0.	0.	0.	0.
9~Link	T+	0.	0.	0.	0.	0.	0.
9~Link	T-	0.	0.	0.	0.	0.	0.
9~Link	W	0.	0.	0.	0.	0.	0.
9~Link	Qm-1	0.	0.	0.	0.	0.	0.
9~Link	Qm-2	0.	0.	0.	0.	0.	0.
13~Link	DEAD	0.	0.	0.	0.	0.	0.
13~Link	G1	0.	0.	0.	0.	0.	0.
13~Link	G2	0.	0.	0.	0.	0.	0.

Table 24: Joint Displacements

Joint	OutputCase	U1	U2	U3	R1	R2	R3
		mm	mm	mm	Radians	Radians	Radians
13~Link	Qm	0.	0.	0.	0.	0.	0.
13~Link	Qs	0.	0.	0.	0.	0.	0.
13~Link	T+	0.	0.	0.	0.	0.	0.
13~Link	T-	0.	0.	0.	0.	0.	0.
13~Link	W	0.	0.	0.	0.	0.	0.
13~Link	Qm-1	0.	0.	0.	0.	0.	0.
13~Link	Qm-2	0.	0.	0.	0.	0.	0.
12~Link	DEAD	0.	0.	0.	0.	0.	0.
12~Link	G1	0.	0.	0.	0.	0.	0.
12~Link	G2	0.	0.	0.	0.	0.	0.
12~Link	Qm	0.	0.	0.	0.	0.	0.
12~Link	Qs	0.	0.	0.	0.	0.	0.
12~Link	T+	0.	0.	0.	0.	0.	0.
12~Link	T-	0.	0.	0.	0.	0.	0.
12~Link	W	0.	0.	0.	0.	0.	0.
12~Link	Qm-1	0.	0.	0.	0.	0.	0.
12~Link	Qm-2	0.	0.	0.	0.	0.	0.
15~Link	DEAD	0.	0.	0.	0.	0.	0.
15~Link	G1	0.	0.	0.	0.	0.	0.
15~Link	G2	0.	0.	0.	0.	0.	0.
15~Link	Qm	0.	0.	0.	0.	0.	0.
15~Link	Qs	0.	0.	0.	0.	0.	0.
15~Link	T+	0.	0.	0.	0.	0.	0.
15~Link	T-	0.	0.	0.	0.	0.	0.
15~Link	W	0.	0.	0.	0.	0.	0.
15~Link	Qm-1	0.	0.	0.	0.	0.	0.
15~Link	Qm-2	0.	0.	0.	0.	0.	0.
14~Link	DEAD	0.	0.	0.	0.	0.	0.
14~Link	G1	0.	0.	0.	0.	0.	0.
14~Link	G2	0.	0.	0.	0.	0.	0.
14~Link	Qm	0.	0.	0.	0.	0.	0.
14~Link	Qs	0.	0.	0.	0.	0.	0.
14~Link	T+	0.	0.	0.	0.	0.	0.
14~Link	T-	0.	0.	0.	0.	0.	0.
14~Link	W	0.	0.	0.	0.	0.	0.
14~Link	Qm-1	0.	0.	0.	0.	0.	0.
14~Link	Qm-2	0.	0.	0.	0.	0.	0.
17~Link	DEAD	0.	0.	0.	0.	0.	0.
17~Link	G1	0.	0.	0.	0.	0.	0.
17~Link	G2	0.	0.	0.	0.	0.	0.
17~Link	Qm	0.	0.	0.	0.	0.	0.
17~Link	Qs	0.	0.	0.	0.	0.	0.
17~Link	T+	0.	0.	0.	0.	0.	0.
17~Link	T-	0.	0.	0.	0.	0.	0.
17~Link	W	0.	0.	0.	0.	0.	0.
17~Link	Qm-1	0.	0.	0.	0.	0.	0.
17~Link	Qm-2	0.	0.	0.	0.	0.	0.
16~Link	DEAD	0.	0.	0.	0.	0.	0.
16~Link	G1	0.	0.	0.	0.	0.	0.
16~Link	G2	0.	0.	0.	0.	0.	0.
16~Link	Qm	0.	0.	0.	0.	0.	0.
16~Link	Qs	0.	0.	0.	0.	0.	0.
16~Link	T+	0.	0.	0.	0.	0.	0.
16~Link	T-	0.	0.	0.	0.	0.	0.

Table 24: Joint Displacements

Joint	OutputCase	U1	U2	U3	R1	R2	R3
		mm	mm	mm	Radians	Radians	Radians
16~Link	W	0.	0.	0.	0.	0.	0.
16~Link	Qm-1	0.	0.	0.	0.	0.	0.
16~Link	Qm-2	0.	0.	0.	0.	0.	0.
19~Link	DEAD	0.	0.	0.	0.	0.	0.
19~Link	G1	0.	0.	0.	0.	0.	0.
19~Link	G2	0.	0.	0.	0.	0.	0.
19~Link	Qm	0.	0.	0.	0.	0.	0.
19~Link	Qs	0.	0.	0.	0.	0.	0.
19~Link	T+	0.	0.	0.	0.	0.	0.
19~Link	T-	0.	0.	0.	0.	0.	0.
19~Link	W	0.	0.	0.	0.	0.	0.
19~Link	Qm-1	0.	0.	0.	0.	0.	0.
19~Link	Qm-2	0.	0.	0.	0.	0.	0.
18~Link	DEAD	0.	0.	0.	0.	0.	0.
18~Link	G1	0.	0.	0.	0.	0.	0.
18~Link	G2	0.	0.	0.	0.	0.	0.
18~Link	Qm	0.	0.	0.	0.	0.	0.
18~Link	Qs	0.	0.	0.	0.	0.	0.
18~Link	T+	0.	0.	0.	0.	0.	0.
18~Link	T-	0.	0.	0.	0.	0.	0.
18~Link	W	0.	0.	0.	0.	0.	0.
18~Link	Qm-1	0.	0.	0.	0.	0.	0.
18~Link	Qm-2	0.	0.	0.	0.	0.	0.
21~Link	DEAD	0.	0.	0.	0.	0.	0.
21~Link	G1	0.	0.	0.	0.	0.	0.
21~Link	G2	0.	0.	0.	0.	0.	0.
21~Link	Qm	0.	0.	0.	0.	0.	0.
21~Link	Qs	0.	0.	0.	0.	0.	0.
21~Link	T+	0.	0.	0.	0.	0.	0.
21~Link	T-	0.	0.	0.	0.	0.	0.
21~Link	W	0.	0.	0.	0.	0.	0.
21~Link	Qm-1	0.	0.	0.	0.	0.	0.
21~Link	Qm-2	0.	0.	0.	0.	0.	0.
20~Link	DEAD	0.	0.	0.	0.	0.	0.
20~Link	G1	0.	0.	0.	0.	0.	0.
20~Link	G2	0.	0.	0.	0.	0.	0.
20~Link	Qm	0.	0.	0.	0.	0.	0.
20~Link	Qs	0.	0.	0.	0.	0.	0.
20~Link	T+	0.	0.	0.	0.	0.	0.
20~Link	T-	0.	0.	0.	0.	0.	0.
20~Link	W	0.	0.	0.	0.	0.	0.
20~Link	Qm-1	0.	0.	0.	0.	0.	0.
20~Link	Qm-2	0.	0.	0.	0.	0.	0.
23~Link	DEAD	0.	0.	0.	0.	0.	0.
23~Link	G1	0.	0.	0.	0.	0.	0.
23~Link	G2	0.	0.	0.	0.	0.	0.
23~Link	Qm	0.	0.	0.	0.	0.	0.
23~Link	Qs	0.	0.	0.	0.	0.	0.
23~Link	T+	0.	0.	0.	0.	0.	0.
23~Link	T-	0.	0.	0.	0.	0.	0.
23~Link	W	0.	0.	0.	0.	0.	0.
23~Link	Qm-1	0.	0.	0.	0.	0.	0.
23~Link	Qm-2	0.	0.	0.	0.	0.	0.
22~Link	DEAD	0.	0.	0.	0.	0.	0.

Table 24: Joint Displacements

Joint	OutputCase	U1	U2	U3	R1	R2	R3
		mm	mm	mm	Radians	Radians	Radians
22~Link	G1	0.	0.	0.	0.	0.	0.
22~Link	G2	0.	0.	0.	0.	0.	0.
22~Link	Qm	0.	0.	0.	0.	0.	0.
22~Link	Qs	0.	0.	0.	0.	0.	0.
22~Link	T+	0.	0.	0.	0.	0.	0.
22~Link	T-	0.	0.	0.	0.	0.	0.
22~Link	W	0.	0.	0.	0.	0.	0.
22~Link	Qm-1	0.	0.	0.	0.	0.	0.
22~Link	Qm-2	0.	0.	0.	0.	0.	0.
25~Link	DEAD	0.	0.	0.	0.	0.	0.
25~Link	G1	0.	0.	0.	0.	0.	0.
25~Link	G2	0.	0.	0.	0.	0.	0.
25~Link	Qm	0.	0.	0.	0.	0.	0.
25~Link	Qs	0.	0.	0.	0.	0.	0.
25~Link	T+	0.	0.	0.	0.	0.	0.
25~Link	T-	0.	0.	0.	0.	0.	0.
25~Link	W	0.	0.	0.	0.	0.	0.
25~Link	Qm-1	0.	0.	0.	0.	0.	0.
25~Link	Qm-2	0.	0.	0.	0.	0.	0.
24~Link	DEAD	0.	0.	0.	0.	0.	0.
24~Link	G1	0.	0.	0.	0.	0.	0.
24~Link	G2	0.	0.	0.	0.	0.	0.
24~Link	Qm	0.	0.	0.	0.	0.	0.
24~Link	Qs	0.	0.	0.	0.	0.	0.
24~Link	T+	0.	0.	0.	0.	0.	0.
24~Link	T-	0.	0.	0.	0.	0.	0.
24~Link	W	0.	0.	0.	0.	0.	0.
24~Link	Qm-1	0.	0.	0.	0.	0.	0.
24~Link	Qm-2	0.	0.	0.	0.	0.	0.
27~Link	DEAD	0.	0.	0.	0.	0.	0.
27~Link	G1	0.	0.	0.	0.	0.	0.
27~Link	G2	0.	0.	0.	0.	0.	0.
27~Link	Qm	0.	0.	0.	0.	0.	0.
27~Link	Qs	0.	0.	0.	0.	0.	0.
27~Link	T+	0.	0.	0.	0.	0.	0.
27~Link	T-	0.	0.	0.	0.	0.	0.
27~Link	W	0.	0.	0.	0.	0.	0.
27~Link	Qm-1	0.	0.	0.	0.	0.	0.
27~Link	Qm-2	0.	0.	0.	0.	0.	0.
26~Link	DEAD	0.	0.	0.	0.	0.	0.
26~Link	G1	0.	0.	0.	0.	0.	0.
26~Link	G2	0.	0.	0.	0.	0.	0.
26~Link	Qm	0.	0.	0.	0.	0.	0.
26~Link	Qs	0.	0.	0.	0.	0.	0.
26~Link	T+	0.	0.	0.	0.	0.	0.
26~Link	T-	0.	0.	0.	0.	0.	0.
26~Link	W	0.	0.	0.	0.	0.	0.
26~Link	Qm-1	0.	0.	0.	0.	0.	0.
26~Link	Qm-2	0.	0.	0.	0.	0.	0.
29~Link	DEAD	0.	0.	0.	0.	0.	0.
29~Link	G1	0.	0.	0.	0.	0.	0.
29~Link	G2	0.	0.	0.	0.	0.	0.
29~Link	Qm	0.	0.	0.	0.	0.	0.
29~Link	Qs	0.	0.	0.	0.	0.	0.

Table 24: Joint Displacements

Joint	OutputCase	U1	U2	U3	R1	R2	R3
		mm	mm	mm	Radians	Radians	Radians
29~Link	T+	0.	0.	0.	0.	0.	0.
29~Link	T-	0.	0.	0.	0.	0.	0.
29~Link	W	0.	0.	0.	0.	0.	0.
29~Link	Qm-1	0.	0.	0.	0.	0.	0.
29~Link	Qm-2	0.	0.	0.	0.	0.	0.
28~Link	DEAD	0.	0.	0.	0.	0.	0.
28~Link	G1	0.	0.	0.	0.	0.	0.
28~Link	G2	0.	0.	0.	0.	0.	0.
28~Link	Qm	0.	0.	0.	0.	0.	0.
28~Link	Qs	0.	0.	0.	0.	0.	0.
28~Link	T+	0.	0.	0.	0.	0.	0.
28~Link	T-	0.	0.	0.	0.	0.	0.
28~Link	W	0.	0.	0.	0.	0.	0.
28~Link	Qm-1	0.	0.	0.	0.	0.	0.
28~Link	Qm-2	0.	0.	0.	0.	0.	0.
31~Link	DEAD	0.	0.	0.	0.	0.	0.
31~Link	G1	0.	0.	0.	0.	0.	0.
31~Link	G2	0.	0.	0.	0.	0.	0.
31~Link	Qm	0.	0.	0.	0.	0.	0.
31~Link	Qs	0.	0.	0.	0.	0.	0.
31~Link	T+	0.	0.	0.	0.	0.	0.
31~Link	T-	0.	0.	0.	0.	0.	0.
31~Link	W	0.	0.	0.	0.	0.	0.
31~Link	Qm-1	0.	0.	0.	0.	0.	0.
31~Link	Qm-2	0.	0.	0.	0.	0.	0.
30~Link	DEAD	0.	0.	0.	0.	0.	0.
30~Link	G1	0.	0.	0.	0.	0.	0.
30~Link	G2	0.	0.	0.	0.	0.	0.
30~Link	Qm	0.	0.	0.	0.	0.	0.
30~Link	Qs	0.	0.	0.	0.	0.	0.
30~Link	T+	0.	0.	0.	0.	0.	0.
30~Link	T-	0.	0.	0.	0.	0.	0.
30~Link	W	0.	0.	0.	0.	0.	0.
30~Link	Qm-1	0.	0.	0.	0.	0.	0.
30~Link	Qm-2	0.	0.	0.	0.	0.	0.
33~Link	DEAD	0.	0.	0.	0.	0.	0.
33~Link	G1	0.	0.	0.	0.	0.	0.
33~Link	G2	0.	0.	0.	0.	0.	0.
33~Link	Qm	0.	0.	0.	0.	0.	0.
33~Link	Qs	0.	0.	0.	0.	0.	0.
33~Link	T+	0.	0.	0.	0.	0.	0.
33~Link	T-	0.	0.	0.	0.	0.	0.
33~Link	W	0.	0.	0.	0.	0.	0.
33~Link	Qm-1	0.	0.	0.	0.	0.	0.
33~Link	Qm-2	0.	0.	0.	0.	0.	0.
32~Link	DEAD	0.	0.	0.	0.	0.	0.
32~Link	G1	0.	0.	0.	0.	0.	0.
32~Link	G2	0.	0.	0.	0.	0.	0.
32~Link	Qm	0.	0.	0.	0.	0.	0.
32~Link	Qs	0.	0.	0.	0.	0.	0.
32~Link	T+	0.	0.	0.	0.	0.	0.
32~Link	T-	0.	0.	0.	0.	0.	0.
32~Link	W	0.	0.	0.	0.	0.	0.
32~Link	Qm-1	0.	0.	0.	0.	0.	0.

Table 24: Joint Displacements

Joint	OutputCase	U1	U2	U3	R1	R2	R3
		mm	mm	mm	Radians	Radians	Radians
32~Link	Qm-2	0.	0.	0.	0.	0.	0.
35~Link	DEAD	0.	0.	0.	0.	0.	0.
35~Link	G1	0.	0.	0.	0.	0.	0.
35~Link	G2	0.	0.	0.	0.	0.	0.
35~Link	Qm	0.	0.	0.	0.	0.	0.
35~Link	Qs	0.	0.	0.	0.	0.	0.
35~Link	T+	0.	0.	0.	0.	0.	0.
35~Link	T-	0.	0.	0.	0.	0.	0.
35~Link	W	0.	0.	0.	0.	0.	0.
35~Link	Qm-1	0.	0.	0.	0.	0.	0.
35~Link	Qm-2	0.	0.	0.	0.	0.	0.
34~Link	DEAD	0.	0.	0.	0.	0.	0.
34~Link	G1	0.	0.	0.	0.	0.	0.
34~Link	G2	0.	0.	0.	0.	0.	0.
34~Link	Qm	0.	0.	0.	0.	0.	0.
34~Link	Qs	0.	0.	0.	0.	0.	0.
34~Link	T+	0.	0.	0.	0.	0.	0.
34~Link	T-	0.	0.	0.	0.	0.	0.
34~Link	W	0.	0.	0.	0.	0.	0.
34~Link	Qm-1	0.	0.	0.	0.	0.	0.
34~Link	Qm-2	0.	0.	0.	0.	0.	0.
37~Link	DEAD	0.	0.	0.	0.	0.	0.
37~Link	G1	0.	0.	0.	0.	0.	0.
37~Link	G2	0.	0.	0.	0.	0.	0.
37~Link	Qm	0.	0.	0.	0.	0.	0.
37~Link	Qs	0.	0.	0.	0.	0.	0.
37~Link	T+	0.	0.	0.	0.	0.	0.
37~Link	T-	0.	0.	0.	0.	0.	0.
37~Link	W	0.	0.	0.	0.	0.	0.
37~Link	Qm-1	0.	0.	0.	0.	0.	0.
37~Link	Qm-2	0.	0.	0.	0.	0.	0.
36~Link	DEAD	0.	0.	0.	0.	0.	0.
36~Link	G1	0.	0.	0.	0.	0.	0.
36~Link	G2	0.	0.	0.	0.	0.	0.
36~Link	Qm	0.	0.	0.	0.	0.	0.
36~Link	Qs	0.	0.	0.	0.	0.	0.
36~Link	T+	0.	0.	0.	0.	0.	0.
36~Link	T-	0.	0.	0.	0.	0.	0.
36~Link	W	0.	0.	0.	0.	0.	0.
36~Link	Qm-1	0.	0.	0.	0.	0.	0.
36~Link	Qm-2	0.	0.	0.	0.	0.	0.
39~Link	DEAD	0.	0.	0.	0.	0.	0.
39~Link	G1	0.	0.	0.	0.	0.	0.
39~Link	G2	0.	0.	0.	0.	0.	0.
39~Link	Qm	0.	0.	0.	0.	0.	0.
39~Link	Qs	0.	0.	0.	0.	0.	0.
39~Link	T+	0.	0.	0.	0.	0.	0.
39~Link	T-	0.	0.	0.	0.	0.	0.
39~Link	W	0.	0.	0.	0.	0.	0.
39~Link	Qm-1	0.	0.	0.	0.	0.	0.
39~Link	Qm-2	0.	0.	0.	0.	0.	0.
38~Link	DEAD	0.	0.	0.	0.	0.	0.
38~Link	G1	0.	0.	0.	0.	0.	0.
38~Link	G2	0.	0.	0.	0.	0.	0.

Table 24: Joint Displacements

Joint	OutputCase	U1	U2	U3	R1	R2	R3
		mm	mm	mm	Radians	Radians	Radians
38~Link	Qm	0.	0.	0.	0.	0.	0.
38~Link	Qs	0.	0.	0.	0.	0.	0.
38~Link	T+	0.	0.	0.	0.	0.	0.
38~Link	T-	0.	0.	0.	0.	0.	0.
38~Link	W	0.	0.	0.	0.	0.	0.
38~Link	Qm-1	0.	0.	0.	0.	0.	0.
38~Link	Qm-2	0.	0.	0.	0.	0.	0.
41~Link	DEAD	0.	0.	0.	0.	0.	0.
41~Link	G1	0.	0.	0.	0.	0.	0.
41~Link	G2	0.	0.	0.	0.	0.	0.
41~Link	Qm	0.	0.	0.	0.	0.	0.
41~Link	Qs	0.	0.	0.	0.	0.	0.
41~Link	T+	0.	0.	0.	0.	0.	0.
41~Link	T-	0.	0.	0.	0.	0.	0.
41~Link	W	0.	0.	0.	0.	0.	0.
41~Link	Qm-1	0.	0.	0.	0.	0.	0.
41~Link	Qm-2	0.	0.	0.	0.	0.	0.
40~Link	DEAD	0.	0.	0.	0.	0.	0.
40~Link	G1	0.	0.	0.	0.	0.	0.
40~Link	G2	0.	0.	0.	0.	0.	0.
40~Link	Qm	0.	0.	0.	0.	0.	0.
40~Link	Qs	0.	0.	0.	0.	0.	0.
40~Link	T+	0.	0.	0.	0.	0.	0.
40~Link	T-	0.	0.	0.	0.	0.	0.
40~Link	W	0.	0.	0.	0.	0.	0.
40~Link	Qm-1	0.	0.	0.	0.	0.	0.
40~Link	Qm-2	0.	0.	0.	0.	0.	0.
43~Link	DEAD	0.	0.	0.	0.	0.	0.
43~Link	G1	0.	0.	0.	0.	0.	0.
43~Link	G2	0.	0.	0.	0.	0.	0.
43~Link	Qm	0.	0.	0.	0.	0.	0.
43~Link	Qs	0.	0.	0.	0.	0.	0.
43~Link	T+	0.	0.	0.	0.	0.	0.
43~Link	T-	0.	0.	0.	0.	0.	0.
43~Link	W	0.	0.	0.	0.	0.	0.
43~Link	Qm-1	0.	0.	0.	0.	0.	0.
43~Link	Qm-2	0.	0.	0.	0.	0.	0.
42~Link	DEAD	0.	0.	0.	0.	0.	0.
42~Link	G1	0.	0.	0.	0.	0.	0.
42~Link	G2	0.	0.	0.	0.	0.	0.
42~Link	Qm	0.	0.	0.	0.	0.	0.
42~Link	Qs	0.	0.	0.	0.	0.	0.
42~Link	T+	0.	0.	0.	0.	0.	0.
42~Link	T-	0.	0.	0.	0.	0.	0.
42~Link	W	0.	0.	0.	0.	0.	0.
42~Link	Qm-1	0.	0.	0.	0.	0.	0.
42~Link	Qm-2	0.	0.	0.	0.	0.	0.
45~Link	DEAD	0.	0.	0.	0.	0.	0.
45~Link	G1	0.	0.	0.	0.	0.	0.
45~Link	G2	0.	0.	0.	0.	0.	0.
45~Link	Qm	0.	0.	0.	0.	0.	0.
45~Link	Qs	0.	0.	0.	0.	0.	0.
45~Link	T+	0.	0.	0.	0.	0.	0.
45~Link	T-	0.	0.	0.	0.	0.	0.

Table 24: Joint Displacements

Joint	OutputCase	U1	U2	U3	R1	R2	R3
		mm	mm	mm	Radians	Radians	Radians
45~Link	W	0.	0.	0.	0.	0.	0.
45~Link	Qm-1	0.	0.	0.	0.	0.	0.
45~Link	Qm-2	0.	0.	0.	0.	0.	0.
44~Link	DEAD	0.	0.	0.	0.	0.	0.
44~Link	G1	0.	0.	0.	0.	0.	0.
44~Link	G2	0.	0.	0.	0.	0.	0.
44~Link	Qm	0.	0.	0.	0.	0.	0.
44~Link	Qs	0.	0.	0.	0.	0.	0.
44~Link	T+	0.	0.	0.	0.	0.	0.
44~Link	T-	0.	0.	0.	0.	0.	0.
44~Link	W	0.	0.	0.	0.	0.	0.
44~Link	Qm-1	0.	0.	0.	0.	0.	0.
44~Link	Qm-2	0.	0.	0.	0.	0.	0.
47~Link	DEAD	0.	0.	0.	0.	0.	0.
47~Link	G1	0.	0.	0.	0.	0.	0.
47~Link	G2	0.	0.	0.	0.	0.	0.
47~Link	Qm	0.	0.	0.	0.	0.	0.
47~Link	Qs	0.	0.	0.	0.	0.	0.
47~Link	T+	0.	0.	0.	0.	0.	0.
47~Link	T-	0.	0.	0.	0.	0.	0.
47~Link	W	0.	0.	0.	0.	0.	0.
47~Link	Qm-1	0.	0.	0.	0.	0.	0.
47~Link	Qm-2	0.	0.	0.	0.	0.	0.
46~Link	DEAD	0.	0.	0.	0.	0.	0.
46~Link	G1	0.	0.	0.	0.	0.	0.
46~Link	G2	0.	0.	0.	0.	0.	0.
46~Link	Qm	0.	0.	0.	0.	0.	0.
46~Link	Qs	0.	0.	0.	0.	0.	0.
46~Link	T+	0.	0.	0.	0.	0.	0.
46~Link	T-	0.	0.	0.	0.	0.	0.
46~Link	W	0.	0.	0.	0.	0.	0.
46~Link	Qm-1	0.	0.	0.	0.	0.	0.
46~Link	Qm-2	0.	0.	0.	0.	0.	0.
49~Link	DEAD	0.	0.	0.	0.	0.	0.
49~Link	G1	0.	0.	0.	0.	0.	0.
49~Link	G2	0.	0.	0.	0.	0.	0.
49~Link	Qm	0.	0.	0.	0.	0.	0.
49~Link	Qs	0.	0.	0.	0.	0.	0.
49~Link	T+	0.	0.	0.	0.	0.	0.
49~Link	T-	0.	0.	0.	0.	0.	0.
49~Link	W	0.	0.	0.	0.	0.	0.
49~Link	Qm-1	0.	0.	0.	0.	0.	0.
49~Link	Qm-2	0.	0.	0.	0.	0.	0.
48~Link	DEAD	0.	0.	0.	0.	0.	0.
48~Link	G1	0.	0.	0.	0.	0.	0.
48~Link	G2	0.	0.	0.	0.	0.	0.
48~Link	Qm	0.	0.	0.	0.	0.	0.
48~Link	Qs	0.	0.	0.	0.	0.	0.
48~Link	T+	0.	0.	0.	0.	0.	0.
48~Link	T-	0.	0.	0.	0.	0.	0.
48~Link	W	0.	0.	0.	0.	0.	0.
48~Link	Qm-1	0.	0.	0.	0.	0.	0.
48~Link	Qm-2	0.	0.	0.	0.	0.	0.
51~Link	DEAD	0.	0.	0.	0.	0.	0.

Table 24: Joint Displacements

Joint	OutputCase	U1	U2	U3	R1	R2	R3
		mm	mm	mm	Radians	Radians	Radians
51~Link	G1	0.	0.	0.	0.	0.	0.
51~Link	G2	0.	0.	0.	0.	0.	0.
51~Link	Qm	0.	0.	0.	0.	0.	0.
51~Link	Qs	0.	0.	0.	0.	0.	0.
51~Link	T+	0.	0.	0.	0.	0.	0.
51~Link	T-	0.	0.	0.	0.	0.	0.
51~Link	W	0.	0.	0.	0.	0.	0.
51~Link	Qm-1	0.	0.	0.	0.	0.	0.
51~Link	Qm-2	0.	0.	0.	0.	0.	0.
50~Link	DEAD	0.	0.	0.	0.	0.	0.
50~Link	G1	0.	0.	0.	0.	0.	0.
50~Link	G2	0.	0.	0.	0.	0.	0.
50~Link	Qm	0.	0.	0.	0.	0.	0.
50~Link	Qs	0.	0.	0.	0.	0.	0.
50~Link	T+	0.	0.	0.	0.	0.	0.
50~Link	T-	0.	0.	0.	0.	0.	0.
50~Link	W	0.	0.	0.	0.	0.	0.
50~Link	Qm-1	0.	0.	0.	0.	0.	0.
50~Link	Qm-2	0.	0.	0.	0.	0.	0.
53~Link	DEAD	0.	0.	0.	0.	0.	0.
53~Link	G1	0.	0.	0.	0.	0.	0.
53~Link	G2	0.	0.	0.	0.	0.	0.
53~Link	Qm	0.	0.	0.	0.	0.	0.
53~Link	Qs	0.	0.	0.	0.	0.	0.
53~Link	T+	0.	0.	0.	0.	0.	0.
53~Link	T-	0.	0.	0.	0.	0.	0.
53~Link	W	0.	0.	0.	0.	0.	0.
53~Link	Qm-1	0.	0.	0.	0.	0.	0.
53~Link	Qm-2	0.	0.	0.	0.	0.	0.
52~Link	DEAD	0.	0.	0.	0.	0.	0.
52~Link	G1	0.	0.	0.	0.	0.	0.
52~Link	G2	0.	0.	0.	0.	0.	0.
52~Link	Qm	0.	0.	0.	0.	0.	0.
52~Link	Qs	0.	0.	0.	0.	0.	0.
52~Link	T+	0.	0.	0.	0.	0.	0.
52~Link	T-	0.	0.	0.	0.	0.	0.
52~Link	W	0.	0.	0.	0.	0.	0.
52~Link	Qm-1	0.	0.	0.	0.	0.	0.
52~Link	Qm-2	0.	0.	0.	0.	0.	0.
55~Link	DEAD	0.	0.	0.	0.	0.	0.
55~Link	G1	0.	0.	0.	0.	0.	0.
55~Link	G2	0.	0.	0.	0.	0.	0.
55~Link	Qm	0.	0.	0.	0.	0.	0.
55~Link	Qs	0.	0.	0.	0.	0.	0.
55~Link	T+	0.	0.	0.	0.	0.	0.
55~Link	T-	0.	0.	0.	0.	0.	0.
55~Link	W	0.	0.	0.	0.	0.	0.
55~Link	Qm-1	0.	0.	0.	0.	0.	0.
55~Link	Qm-2	0.	0.	0.	0.	0.	0.
54~Link	DEAD	0.	0.	0.	0.	0.	0.
54~Link	G1	0.	0.	0.	0.	0.	0.
54~Link	G2	0.	0.	0.	0.	0.	0.
54~Link	Qm	0.	0.	0.	0.	0.	0.
54~Link	Qs	0.	0.	0.	0.	0.	0.

Table 24: Joint Displacements

Joint	OutputCase	U1	U2	U3	R1	R2	R3
		mm	mm	mm	Radians	Radians	Radians
54~Link	T+	0.	0.	0.	0.	0.	0.
54~Link	T-	0.	0.	0.	0.	0.	0.
54~Link	W	0.	0.	0.	0.	0.	0.
54~Link	Qm-1	0.	0.	0.	0.	0.	0.
54~Link	Qm-2	0.	0.	0.	0.	0.	0.
57~Link	DEAD	0.	0.	0.	0.	0.	0.
57~Link	G1	0.	0.	0.	0.	0.	0.
57~Link	G2	0.	0.	0.	0.	0.	0.
57~Link	Qm	0.	0.	0.	0.	0.	0.
57~Link	Qs	0.	0.	0.	0.	0.	0.
57~Link	T+	0.	0.	0.	0.	0.	0.
57~Link	T-	0.	0.	0.	0.	0.	0.
57~Link	W	0.	0.	0.	0.	0.	0.
57~Link	Qm-1	0.	0.	0.	0.	0.	0.
57~Link	Qm-2	0.	0.	0.	0.	0.	0.
56~Link	DEAD	0.	0.	0.	0.	0.	0.
56~Link	G1	0.	0.	0.	0.	0.	0.
56~Link	G2	0.	0.	0.	0.	0.	0.
56~Link	Qm	0.	0.	0.	0.	0.	0.
56~Link	Qs	0.	0.	0.	0.	0.	0.
56~Link	T+	0.	0.	0.	0.	0.	0.
56~Link	T-	0.	0.	0.	0.	0.	0.
56~Link	W	0.	0.	0.	0.	0.	0.
56~Link	Qm-1	0.	0.	0.	0.	0.	0.
56~Link	Qm-2	0.	0.	0.	0.	0.	0.
8~Link	DEAD	0.	0.	0.	0.	0.	0.
8~Link	G1	0.	0.	0.	0.	0.	0.
8~Link	G2	0.	0.	0.	0.	0.	0.
8~Link	Qm	0.	0.	0.	0.	0.	0.
8~Link	Qs	0.	0.	0.	0.	0.	0.
8~Link	T+	0.	0.	0.	0.	0.	0.
8~Link	T-	0.	0.	0.	0.	0.	0.
8~Link	W	0.	0.	0.	0.	0.	0.
8~Link	Qm-1	0.	0.	0.	0.	0.	0.
8~Link	Qm-2	0.	0.	0.	0.	0.	0.
58~Link	DEAD	0.	0.	0.	0.	0.	0.
58~Link	G1	0.	0.	0.	0.	0.	0.
58~Link	G2	0.	0.	0.	0.	0.	0.
58~Link	Qm	0.	0.	0.	0.	0.	0.
58~Link	Qs	0.	0.	0.	0.	0.	0.
58~Link	T+	0.	0.	0.	0.	0.	0.
58~Link	T-	0.	0.	0.	0.	0.	0.
58~Link	W	0.	0.	0.	0.	0.	0.
58~Link	Qm-1	0.	0.	0.	0.	0.	0.
58~Link	Qm-2	0.	0.	0.	0.	0.	0.
60~Link	DEAD	0.	0.	0.	0.	0.	0.
60~Link	G1	0.	0.	0.	0.	0.	0.
60~Link	G2	0.	0.	0.	0.	0.	0.
60~Link	Qm	0.	0.	0.	0.	0.	0.
60~Link	Qs	0.	0.	0.	0.	0.	0.
60~Link	T+	0.	0.	0.	0.	0.	0.
60~Link	T-	0.	0.	0.	0.	0.	0.
60~Link	W	0.	0.	0.	0.	0.	0.
60~Link	Qm-1	0.	0.	0.	0.	0.	0.

Table 24: Joint Displacements

Joint	OutputCase	U1	U2	U3	R1	R2	R3
		mm	mm	mm	Radians	Radians	Radians
60~Link	Qm-2	0.	0.	0.	0.	0.	0.
59~Link	DEAD	0.	0.	0.	0.	0.	0.
59~Link	G1	0.	0.	0.	0.	0.	0.
59~Link	G2	0.	0.	0.	0.	0.	0.
59~Link	Qm	0.	0.	0.	0.	0.	0.
59~Link	Qs	0.	0.	0.	0.	0.	0.
59~Link	T+	0.	0.	0.	0.	0.	0.
59~Link	T-	0.	0.	0.	0.	0.	0.
59~Link	W	0.	0.	0.	0.	0.	0.
59~Link	Qm-1	0.	0.	0.	0.	0.	0.
59~Link	Qm-2	0.	0.	0.	0.	0.	0.
61~Link	DEAD	0.	0.	0.	0.	0.	0.
61~Link	G1	0.	0.	0.	0.	0.	0.
61~Link	G2	0.	0.	0.	0.	0.	0.
61~Link	Qm	0.	0.	0.	0.	0.	0.
61~Link	Qs	0.	0.	0.	0.	0.	0.
61~Link	T+	0.	0.	0.	0.	0.	0.
61~Link	T-	0.	0.	0.	0.	0.	0.
61~Link	W	0.	0.	0.	0.	0.	0.
61~Link	Qm-1	0.	0.	0.	0.	0.	0.
61~Link	Qm-2	0.	0.	0.	0.	0.	0.
62~Link	DEAD	0.	0.	0.	0.	0.	0.
62~Link	G1	0.	0.	0.	0.	0.	0.
62~Link	G2	0.	0.	0.	0.	0.	0.
62~Link	Qm	0.	0.	0.	0.	0.	0.
62~Link	Qs	0.	0.	0.	0.	0.	0.
62~Link	T+	0.	0.	0.	0.	0.	0.
62~Link	T-	0.	0.	0.	0.	0.	0.
62~Link	W	0.	0.	0.	0.	0.	0.
62~Link	Qm-1	0.	0.	0.	0.	0.	0.
62~Link	Qm-2	0.	0.	0.	0.	0.	0.
63~Link	DEAD	0.	0.	0.	0.	0.	0.
63~Link	G1	0.	0.	0.	0.	0.	0.
63~Link	G2	0.	0.	0.	0.	0.	0.
63~Link	Qm	0.	0.	0.	0.	0.	0.
63~Link	Qs	0.	0.	0.	0.	0.	0.
63~Link	T+	0.	0.	0.	0.	0.	0.
63~Link	T-	0.	0.	0.	0.	0.	0.
63~Link	W	0.	0.	0.	0.	0.	0.
63~Link	Qm-1	0.	0.	0.	0.	0.	0.
63~Link	Qm-2	0.	0.	0.	0.	0.	0.
64~Link	DEAD	0.	0.	0.	0.	0.	0.
64~Link	G1	0.	0.	0.	0.	0.	0.
64~Link	G2	0.	0.	0.	0.	0.	0.
64~Link	Qm	0.	0.	0.	0.	0.	0.
64~Link	Qs	0.	0.	0.	0.	0.	0.
64~Link	T+	0.	0.	0.	0.	0.	0.
64~Link	T-	0.	0.	0.	0.	0.	0.
64~Link	W	0.	0.	0.	0.	0.	0.
64~Link	Qm-1	0.	0.	0.	0.	0.	0.
64~Link	Qm-2	0.	0.	0.	0.	0.	0.
65~Link	DEAD	0.	0.	0.	0.	0.	0.
65~Link	G1	0.	0.	0.	0.	0.	0.
65~Link	G2	0.	0.	0.	0.	0.	0.

Table 24: Joint Displacements

Joint	OutputCase	U1	U2	U3	R1	R2	R3
		mm	mm	mm	Radians	Radians	Radians
65~Link	Qm	0.	0.	0.	0.	0.	0.
65~Link	Qs	0.	0.	0.	0.	0.	0.
65~Link	T+	0.	0.	0.	0.	0.	0.
65~Link	T-	0.	0.	0.	0.	0.	0.
65~Link	W	0.	0.	0.	0.	0.	0.
65~Link	Qm-1	0.	0.	0.	0.	0.	0.
65~Link	Qm-2	0.	0.	0.	0.	0.	0.
66~Link	DEAD	0.	0.	0.	0.	0.	0.
66~Link	G1	0.	0.	0.	0.	0.	0.
66~Link	G2	0.	0.	0.	0.	0.	0.
66~Link	Qm	0.	0.	0.	0.	0.	0.
66~Link	Qs	0.	0.	0.	0.	0.	0.
66~Link	T+	0.	0.	0.	0.	0.	0.
66~Link	T-	0.	0.	0.	0.	0.	0.
66~Link	W	0.	0.	0.	0.	0.	0.
66~Link	Qm-1	0.	0.	0.	0.	0.	0.
66~Link	Qm-2	0.	0.	0.	0.	0.	0.
67~Link	DEAD	0.	0.	0.	0.	0.	0.
67~Link	G1	0.	0.	0.	0.	0.	0.
67~Link	G2	0.	0.	0.	0.	0.	0.
67~Link	Qm	0.	0.	0.	0.	0.	0.
67~Link	Qs	0.	0.	0.	0.	0.	0.
67~Link	T+	0.	0.	0.	0.	0.	0.
67~Link	T-	0.	0.	0.	0.	0.	0.
67~Link	W	0.	0.	0.	0.	0.	0.
67~Link	Qm-1	0.	0.	0.	0.	0.	0.
67~Link	Qm-2	0.	0.	0.	0.	0.	0.
68~Link	DEAD	0.	0.	0.	0.	0.	0.
68~Link	G1	0.	0.	0.	0.	0.	0.
68~Link	G2	0.	0.	0.	0.	0.	0.
68~Link	Qm	0.	0.	0.	0.	0.	0.
68~Link	Qs	0.	0.	0.	0.	0.	0.
68~Link	T+	0.	0.	0.	0.	0.	0.
68~Link	T-	0.	0.	0.	0.	0.	0.
68~Link	W	0.	0.	0.	0.	0.	0.
68~Link	Qm-1	0.	0.	0.	0.	0.	0.
68~Link	Qm-2	0.	0.	0.	0.	0.	0.
69~Link	DEAD	0.	0.	0.	0.	0.	0.
69~Link	G1	0.	0.	0.	0.	0.	0.
69~Link	G2	0.	0.	0.	0.	0.	0.
69~Link	Qm	0.	0.	0.	0.	0.	0.
69~Link	Qs	0.	0.	0.	0.	0.	0.
69~Link	T+	0.	0.	0.	0.	0.	0.
69~Link	T-	0.	0.	0.	0.	0.	0.
69~Link	W	0.	0.	0.	0.	0.	0.
69~Link	Qm-1	0.	0.	0.	0.	0.	0.
69~Link	Qm-2	0.	0.	0.	0.	0.	0.
70~Link	DEAD	0.	0.	0.	0.	0.	0.
70~Link	G1	0.	0.	0.	0.	0.	0.
70~Link	G2	0.	0.	0.	0.	0.	0.
70~Link	Qm	0.	0.	0.	0.	0.	0.
70~Link	Qs	0.	0.	0.	0.	0.	0.
70~Link	T+	0.	0.	0.	0.	0.	0.
70~Link	T-	0.	0.	0.	0.	0.	0.

Table 24: Joint Displacements

Joint	OutputCase	U1	U2	U3	R1	R2	R3
		mm	mm	mm	Radians	Radians	Radians
70~Link	W	0.	0.	0.	0.	0.	0.
70~Link	Qm-1	0.	0.	0.	0.	0.	0.
70~Link	Qm-2	0.	0.	0.	0.	0.	0.
71~Link	DEAD	0.	0.	0.	0.	0.	0.
71~Link	G1	0.	0.	0.	0.	0.	0.
71~Link	G2	0.	0.	0.	0.	0.	0.
71~Link	Qm	0.	0.	0.	0.	0.	0.
71~Link	Qs	0.	0.	0.	0.	0.	0.
71~Link	T+	0.	0.	0.	0.	0.	0.
71~Link	T-	0.	0.	0.	0.	0.	0.
71~Link	W	0.	0.	0.	0.	0.	0.
71~Link	Qm-1	0.	0.	0.	0.	0.	0.
71~Link	Qm-2	0.	0.	0.	0.	0.	0.
72~Link	DEAD	0.	0.	0.	0.	0.	0.
72~Link	G1	0.	0.	0.	0.	0.	0.
72~Link	G2	0.	0.	0.	0.	0.	0.
72~Link	Qm	0.	0.	0.	0.	0.	0.
72~Link	Qs	0.	0.	0.	0.	0.	0.
72~Link	T+	0.	0.	0.	0.	0.	0.
72~Link	T-	0.	0.	0.	0.	0.	0.
72~Link	W	0.	0.	0.	0.	0.	0.
72~Link	Qm-1	0.	0.	0.	0.	0.	0.
72~Link	Qm-2	0.	0.	0.	0.	0.	0.
73~Link	DEAD	0.	0.	0.	0.	0.	0.
73~Link	G1	0.	0.	0.	0.	0.	0.
73~Link	G2	0.	0.	0.	0.	0.	0.
73~Link	Qm	0.	0.	0.	0.	0.	0.
73~Link	Qs	0.	0.	0.	0.	0.	0.
73~Link	T+	0.	0.	0.	0.	0.	0.
73~Link	T-	0.	0.	0.	0.	0.	0.
73~Link	W	0.	0.	0.	0.	0.	0.
73~Link	Qm-1	0.	0.	0.	0.	0.	0.
73~Link	Qm-2	0.	0.	0.	0.	0.	0.
74~Link	DEAD	0.	0.	0.	0.	0.	0.
74~Link	G1	0.	0.	0.	0.	0.	0.
74~Link	G2	0.	0.	0.	0.	0.	0.
74~Link	Qm	0.	0.	0.	0.	0.	0.
74~Link	Qs	0.	0.	0.	0.	0.	0.
74~Link	T+	0.	0.	0.	0.	0.	0.
74~Link	T-	0.	0.	0.	0.	0.	0.
74~Link	W	0.	0.	0.	0.	0.	0.
74~Link	Qm-1	0.	0.	0.	0.	0.	0.
74~Link	Qm-2	0.	0.	0.	0.	0.	0.
75~Link	DEAD	0.	0.	0.	0.	0.	0.
75~Link	G1	0.	0.	0.	0.	0.	0.
75~Link	G2	0.	0.	0.	0.	0.	0.
75~Link	Qm	0.	0.	0.	0.	0.	0.
75~Link	Qs	0.	0.	0.	0.	0.	0.
75~Link	T+	0.	0.	0.	0.	0.	0.
75~Link	T-	0.	0.	0.	0.	0.	0.
75~Link	W	0.	0.	0.	0.	0.	0.
75~Link	Qm-1	0.	0.	0.	0.	0.	0.
75~Link	Qm-2	0.	0.	0.	0.	0.	0.
76~Link	DEAD	0.	0.	0.	0.	0.	0.

Table 24: Joint Displacements

Joint	OutputCase	U1	U2	U3	R1	R2	R3
		mm	mm	mm	Radians	Radians	Radians
76~Link	G1	0.	0.	0.	0.	0.	0.
76~Link	G2	0.	0.	0.	0.	0.	0.
76~Link	Qm	0.	0.	0.	0.	0.	0.
76~Link	Qs	0.	0.	0.	0.	0.	0.
76~Link	T+	0.	0.	0.	0.	0.	0.
76~Link	T-	0.	0.	0.	0.	0.	0.
76~Link	W	0.	0.	0.	0.	0.	0.
76~Link	Qm-1	0.	0.	0.	0.	0.	0.
76~Link	Qm-2	0.	0.	0.	0.	0.	0.
77~Link	DEAD	0.	0.	0.	0.	0.	0.
77~Link	G1	0.	0.	0.	0.	0.	0.
77~Link	G2	0.	0.	0.	0.	0.	0.
77~Link	Qm	0.	0.	0.	0.	0.	0.
77~Link	Qs	0.	0.	0.	0.	0.	0.
77~Link	T+	0.	0.	0.	0.	0.	0.
77~Link	T-	0.	0.	0.	0.	0.	0.
77~Link	W	0.	0.	0.	0.	0.	0.
77~Link	Qm-1	0.	0.	0.	0.	0.	0.
77~Link	Qm-2	0.	0.	0.	0.	0.	0.
78~Link	DEAD	0.	0.	0.	0.	0.	0.
78~Link	G1	0.	0.	0.	0.	0.	0.
78~Link	G2	0.	0.	0.	0.	0.	0.
78~Link	Qm	0.	0.	0.	0.	0.	0.
78~Link	Qs	0.	0.	0.	0.	0.	0.
78~Link	T+	0.	0.	0.	0.	0.	0.
78~Link	T-	0.	0.	0.	0.	0.	0.
78~Link	W	0.	0.	0.	0.	0.	0.
78~Link	Qm-1	0.	0.	0.	0.	0.	0.
78~Link	Qm-2	0.	0.	0.	0.	0.	0.
79~Link	DEAD	0.	0.	0.	0.	0.	0.
79~Link	G1	0.	0.	0.	0.	0.	0.
79~Link	G2	0.	0.	0.	0.	0.	0.
79~Link	Qm	0.	0.	0.	0.	0.	0.
79~Link	Qs	0.	0.	0.	0.	0.	0.
79~Link	T+	0.	0.	0.	0.	0.	0.
79~Link	T-	0.	0.	0.	0.	0.	0.
79~Link	W	0.	0.	0.	0.	0.	0.
79~Link	Qm-1	0.	0.	0.	0.	0.	0.
79~Link	Qm-2	0.	0.	0.	0.	0.	0.
80~Link	DEAD	0.	0.	0.	0.	0.	0.
80~Link	G1	0.	0.	0.	0.	0.	0.
80~Link	G2	0.	0.	0.	0.	0.	0.
80~Link	Qm	0.	0.	0.	0.	0.	0.
80~Link	Qs	0.	0.	0.	0.	0.	0.
80~Link	T+	0.	0.	0.	0.	0.	0.
80~Link	T-	0.	0.	0.	0.	0.	0.
80~Link	W	0.	0.	0.	0.	0.	0.
80~Link	Qm-1	0.	0.	0.	0.	0.	0.
80~Link	Qm-2	0.	0.	0.	0.	0.	0.
81~Link	DEAD	0.	0.	0.	0.	0.	0.
81~Link	G1	0.	0.	0.	0.	0.	0.
81~Link	G2	0.	0.	0.	0.	0.	0.
81~Link	Qm	0.	0.	0.	0.	0.	0.
81~Link	Qs	0.	0.	0.	0.	0.	0.

Table 24: Joint Displacements

Joint	OutputCase	U1	U2	U3	R1	R2	R3
		mm	mm	mm	Radians	Radians	Radians
81~Link	T+	0.	0.	0.	0.	0.	0.
81~Link	T-	0.	0.	0.	0.	0.	0.
81~Link	W	0.	0.	0.	0.	0.	0.
81~Link	Qm-1	0.	0.	0.	0.	0.	0.
81~Link	Qm-2	0.	0.	0.	0.	0.	0.
82~Link	DEAD	0.	0.	0.	0.	0.	0.
82~Link	G1	0.	0.	0.	0.	0.	0.
82~Link	G2	0.	0.	0.	0.	0.	0.
82~Link	Qm	0.	0.	0.	0.	0.	0.
82~Link	Qs	0.	0.	0.	0.	0.	0.
82~Link	T+	0.	0.	0.	0.	0.	0.
82~Link	T-	0.	0.	0.	0.	0.	0.
82~Link	W	0.	0.	0.	0.	0.	0.
82~Link	Qm-1	0.	0.	0.	0.	0.	0.
82~Link	Qm-2	0.	0.	0.	0.	0.	0.
83~Link	DEAD	0.	0.	0.	0.	0.	0.
83~Link	G1	0.	0.	0.	0.	0.	0.
83~Link	G2	0.	0.	0.	0.	0.	0.
83~Link	Qm	0.	0.	0.	0.	0.	0.
83~Link	Qs	0.	0.	0.	0.	0.	0.
83~Link	T+	0.	0.	0.	0.	0.	0.
83~Link	T-	0.	0.	0.	0.	0.	0.
83~Link	W	0.	0.	0.	0.	0.	0.
83~Link	Qm-1	0.	0.	0.	0.	0.	0.
83~Link	Qm-2	0.	0.	0.	0.	0.	0.
84~Link	DEAD	0.	0.	0.	0.	0.	0.
84~Link	G1	0.	0.	0.	0.	0.	0.
84~Link	G2	0.	0.	0.	0.	0.	0.
84~Link	Qm	0.	0.	0.	0.	0.	0.
84~Link	Qs	0.	0.	0.	0.	0.	0.
84~Link	T+	0.	0.	0.	0.	0.	0.
84~Link	T-	0.	0.	0.	0.	0.	0.
84~Link	W	0.	0.	0.	0.	0.	0.
84~Link	Qm-1	0.	0.	0.	0.	0.	0.
84~Link	Qm-2	0.	0.	0.	0.	0.	0.
86~Link	DEAD	0.	0.	0.	0.	0.	0.
86~Link	G1	0.	0.	0.	0.	0.	0.
86~Link	G2	0.	0.	0.	0.	0.	0.
86~Link	Qm	0.	0.	0.	0.	0.	0.
86~Link	Qs	0.	0.	0.	0.	0.	0.
86~Link	T+	0.	0.	0.	0.	0.	0.
86~Link	T-	0.	0.	0.	0.	0.	0.
86~Link	W	0.	0.	0.	0.	0.	0.
86~Link	Qm-1	0.	0.	0.	0.	0.	0.
86~Link	Qm-2	0.	0.	0.	0.	0.	0.
85~Link	DEAD	0.	0.	0.	0.	0.	0.
85~Link	G1	0.	0.	0.	0.	0.	0.
85~Link	G2	0.	0.	0.	0.	0.	0.
85~Link	Qm	0.	0.	0.	0.	0.	0.
85~Link	Qs	0.	0.	0.	0.	0.	0.
85~Link	T+	0.	0.	0.	0.	0.	0.
85~Link	T-	0.	0.	0.	0.	0.	0.
85~Link	W	0.	0.	0.	0.	0.	0.
85~Link	Qm-1	0.	0.	0.	0.	0.	0.

Table 24: Joint Displacements

Joint	OutputCase	U1	U2	U3	R1	R2	R3
		mm	mm	mm	Radians	Radians	Radians
85~Link	Qm-2	0.	0.	0.	0.	0.	0.
87~Link	DEAD	0.	0.	0.	0.	0.	0.
87~Link	G1	0.	0.	0.	0.	0.	0.
87~Link	G2	0.	0.	0.	0.	0.	0.
87~Link	Qm	0.	0.	0.	0.	0.	0.
87~Link	Qs	0.	0.	0.	0.	0.	0.
87~Link	T+	0.	0.	0.	0.	0.	0.
87~Link	T-	0.	0.	0.	0.	0.	0.
87~Link	W	0.	0.	0.	0.	0.	0.
87~Link	Qm-1	0.	0.	0.	0.	0.	0.
87~Link	Qm-2	0.	0.	0.	0.	0.	0.
88~Link	DEAD	0.	0.	0.	0.	0.	0.
88~Link	G1	0.	0.	0.	0.	0.	0.
88~Link	G2	0.	0.	0.	0.	0.	0.
88~Link	Qm	0.	0.	0.	0.	0.	0.
88~Link	Qs	0.	0.	0.	0.	0.	0.
88~Link	T+	0.	0.	0.	0.	0.	0.
88~Link	T-	0.	0.	0.	0.	0.	0.
88~Link	W	0.	0.	0.	0.	0.	0.
88~Link	Qm-1	0.	0.	0.	0.	0.	0.
88~Link	Qm-2	0.	0.	0.	0.	0.	0.
89~Link	DEAD	0.	0.	0.	0.	0.	0.
89~Link	G1	0.	0.	0.	0.	0.	0.
89~Link	G2	0.	0.	0.	0.	0.	0.
89~Link	Qm	0.	0.	0.	0.	0.	0.
89~Link	Qs	0.	0.	0.	0.	0.	0.
89~Link	T+	0.	0.	0.	0.	0.	0.
89~Link	T-	0.	0.	0.	0.	0.	0.
89~Link	W	0.	0.	0.	0.	0.	0.
89~Link	Qm-1	0.	0.	0.	0.	0.	0.
89~Link	Qm-2	0.	0.	0.	0.	0.	0.
90~Link	DEAD	0.	0.	0.	0.	0.	0.
90~Link	G1	0.	0.	0.	0.	0.	0.
90~Link	G2	0.	0.	0.	0.	0.	0.
90~Link	Qm	0.	0.	0.	0.	0.	0.
90~Link	Qs	0.	0.	0.	0.	0.	0.
90~Link	T+	0.	0.	0.	0.	0.	0.
90~Link	T-	0.	0.	0.	0.	0.	0.
90~Link	W	0.	0.	0.	0.	0.	0.
90~Link	Qm-1	0.	0.	0.	0.	0.	0.
90~Link	Qm-2	0.	0.	0.	0.	0.	0.
91~Link	DEAD	0.	0.	0.	0.	0.	0.
91~Link	G1	0.	0.	0.	0.	0.	0.
91~Link	G2	0.	0.	0.	0.	0.	0.
91~Link	Qm	0.	0.	0.	0.	0.	0.
91~Link	Qs	0.	0.	0.	0.	0.	0.
91~Link	T+	0.	0.	0.	0.	0.	0.
91~Link	T-	0.	0.	0.	0.	0.	0.
91~Link	W	0.	0.	0.	0.	0.	0.
91~Link	Qm-1	0.	0.	0.	0.	0.	0.
91~Link	Qm-2	0.	0.	0.	0.	0.	0.
92~Link	DEAD	0.	0.	0.	0.	0.	0.
92~Link	G1	0.	0.	0.	0.	0.	0.
92~Link	G2	0.	0.	0.	0.	0.	0.

Table 24: Joint Displacements

Joint	OutputCase	U1	U2	U3	R1	R2	R3
		mm	mm	mm	Radians	Radians	Radians
92~Link	Qm	0.	0.	0.	0.	0.	0.
92~Link	Qs	0.	0.	0.	0.	0.	0.
92~Link	T+	0.	0.	0.	0.	0.	0.
92~Link	T-	0.	0.	0.	0.	0.	0.
92~Link	W	0.	0.	0.	0.	0.	0.
92~Link	Qm-1	0.	0.	0.	0.	0.	0.
92~Link	Qm-2	0.	0.	0.	0.	0.	0.
93~Link	DEAD	0.	0.	0.	0.	0.	0.
93~Link	G1	0.	0.	0.	0.	0.	0.
93~Link	G2	0.	0.	0.	0.	0.	0.
93~Link	Qm	0.	0.	0.	0.	0.	0.
93~Link	Qs	0.	0.	0.	0.	0.	0.
93~Link	T+	0.	0.	0.	0.	0.	0.
93~Link	T-	0.	0.	0.	0.	0.	0.
93~Link	W	0.	0.	0.	0.	0.	0.
93~Link	Qm-1	0.	0.	0.	0.	0.	0.
93~Link	Qm-2	0.	0.	0.	0.	0.	0.
94~Link	DEAD	0.	0.	0.	0.	0.	0.
94~Link	G1	0.	0.	0.	0.	0.	0.
94~Link	G2	0.	0.	0.	0.	0.	0.
94~Link	Qm	0.	0.	0.	0.	0.	0.
94~Link	Qs	0.	0.	0.	0.	0.	0.
94~Link	T+	0.	0.	0.	0.	0.	0.
94~Link	T-	0.	0.	0.	0.	0.	0.
94~Link	W	0.	0.	0.	0.	0.	0.
94~Link	Qm-1	0.	0.	0.	0.	0.	0.
94~Link	Qm-2	0.	0.	0.	0.	0.	0.
95~Link	DEAD	0.	0.	0.	0.	0.	0.
95~Link	G1	0.	0.	0.	0.	0.	0.
95~Link	G2	0.	0.	0.	0.	0.	0.
95~Link	Qm	0.	0.	0.	0.	0.	0.
95~Link	Qs	0.	0.	0.	0.	0.	0.
95~Link	T+	0.	0.	0.	0.	0.	0.
95~Link	T-	0.	0.	0.	0.	0.	0.
95~Link	W	0.	0.	0.	0.	0.	0.
95~Link	Qm-1	0.	0.	0.	0.	0.	0.
95~Link	Qm-2	0.	0.	0.	0.	0.	0.
96~Link	DEAD	0.	0.	0.	0.	0.	0.
96~Link	G1	0.	0.	0.	0.	0.	0.
96~Link	G2	0.	0.	0.	0.	0.	0.
96~Link	Qm	0.	0.	0.	0.	0.	0.
96~Link	Qs	0.	0.	0.	0.	0.	0.
96~Link	T+	0.	0.	0.	0.	0.	0.
96~Link	T-	0.	0.	0.	0.	0.	0.
96~Link	W	0.	0.	0.	0.	0.	0.
96~Link	Qm-1	0.	0.	0.	0.	0.	0.
96~Link	Qm-2	0.	0.	0.	0.	0.	0.
97~Link	DEAD	0.	0.	0.	0.	0.	0.
97~Link	G1	0.	0.	0.	0.	0.	0.
97~Link	G2	0.	0.	0.	0.	0.	0.
97~Link	Qm	0.	0.	0.	0.	0.	0.
97~Link	Qs	0.	0.	0.	0.	0.	0.
97~Link	T+	0.	0.	0.	0.	0.	0.
97~Link	T-	0.	0.	0.	0.	0.	0.

Table 24: Joint Displacements

Joint	OutputCase	U1	U2	U3	R1	R2	R3
		mm	mm	mm	Radians	Radians	Radians
97~Link	W	0.	0.	0.	0.	0.	0.
97~Link	Qm-1	0.	0.	0.	0.	0.	0.
97~Link	Qm-2	0.	0.	0.	0.	0.	0.
98~Link	DEAD	0.	0.	0.	0.	0.	0.
98~Link	G1	0.	0.	0.	0.	0.	0.
98~Link	G2	0.	0.	0.	0.	0.	0.
98~Link	Qm	0.	0.	0.	0.	0.	0.
98~Link	Qs	0.	0.	0.	0.	0.	0.
98~Link	T+	0.	0.	0.	0.	0.	0.
98~Link	T-	0.	0.	0.	0.	0.	0.
98~Link	W	0.	0.	0.	0.	0.	0.
98~Link	Qm-1	0.	0.	0.	0.	0.	0.
98~Link	Qm-2	0.	0.	0.	0.	0.	0.
99~Link	DEAD	0.	0.	0.	0.	0.	0.
99~Link	G1	0.	0.	0.	0.	0.	0.
99~Link	G2	0.	0.	0.	0.	0.	0.
99~Link	Qm	0.	0.	0.	0.	0.	0.
99~Link	Qs	0.	0.	0.	0.	0.	0.
99~Link	T+	0.	0.	0.	0.	0.	0.
99~Link	T-	0.	0.	0.	0.	0.	0.
99~Link	W	0.	0.	0.	0.	0.	0.
99~Link	Qm-1	0.	0.	0.	0.	0.	0.
99~Link	Qm-2	0.	0.	0.	0.	0.	0.
100~Link	DEAD	0.	0.	0.	0.	0.	0.
100~Link	G1	0.	0.	0.	0.	0.	0.
100~Link	G2	0.	0.	0.	0.	0.	0.
100~Link	Qm	0.	0.	0.	0.	0.	0.
100~Link	Qs	0.	0.	0.	0.	0.	0.
100~Link	T+	0.	0.	0.	0.	0.	0.
100~Link	T-	0.	0.	0.	0.	0.	0.
100~Link	W	0.	0.	0.	0.	0.	0.
100~Link	Qm-1	0.	0.	0.	0.	0.	0.
100~Link	Qm-2	0.	0.	0.	0.	0.	0.
101~Link	DEAD	0.	0.	0.	0.	0.	0.
101~Link	G1	0.	0.	0.	0.	0.	0.
101~Link	G2	0.	0.	0.	0.	0.	0.
101~Link	Qm	0.	0.	0.	0.	0.	0.
101~Link	Qs	0.	0.	0.	0.	0.	0.
101~Link	T+	0.	0.	0.	0.	0.	0.
101~Link	T-	0.	0.	0.	0.	0.	0.
101~Link	W	0.	0.	0.	0.	0.	0.
101~Link	Qm-1	0.	0.	0.	0.	0.	0.
101~Link	Qm-2	0.	0.	0.	0.	0.	0.
102~Link	DEAD	0.	0.	0.	0.	0.	0.
102~Link	G1	0.	0.	0.	0.	0.	0.
102~Link	G2	0.	0.	0.	0.	0.	0.
102~Link	Qm	0.	0.	0.	0.	0.	0.
102~Link	Qs	0.	0.	0.	0.	0.	0.
102~Link	T+	0.	0.	0.	0.	0.	0.
102~Link	T-	0.	0.	0.	0.	0.	0.
102~Link	W	0.	0.	0.	0.	0.	0.
102~Link	Qm-1	0.	0.	0.	0.	0.	0.
102~Link	Qm-2	0.	0.	0.	0.	0.	0.
103~Link	DEAD	0.	0.	0.	0.	0.	0.

Table 24: Joint Displacements

Joint	OutputCase	U1	U2	U3	R1	R2	R3
		mm	mm	mm	Radians	Radians	Radians
103~Link	G1	0.	0.	0.	0.	0.	0.
103~Link	G2	0.	0.	0.	0.	0.	0.
103~Link	Qm	0.	0.	0.	0.	0.	0.
103~Link	Qs	0.	0.	0.	0.	0.	0.
103~Link	T+	0.	0.	0.	0.	0.	0.
103~Link	T-	0.	0.	0.	0.	0.	0.
103~Link	W	0.	0.	0.	0.	0.	0.
103~Link	Qm-1	0.	0.	0.	0.	0.	0.
103~Link	Qm-2	0.	0.	0.	0.	0.	0.
104~Link	DEAD	0.	0.	0.	0.	0.	0.
104~Link	G1	0.	0.	0.	0.	0.	0.
104~Link	G2	0.	0.	0.	0.	0.	0.
104~Link	Qm	0.	0.	0.	0.	0.	0.
104~Link	Qs	0.	0.	0.	0.	0.	0.
104~Link	T+	0.	0.	0.	0.	0.	0.
104~Link	T-	0.	0.	0.	0.	0.	0.
104~Link	W	0.	0.	0.	0.	0.	0.
104~Link	Qm-1	0.	0.	0.	0.	0.	0.
104~Link	Qm-2	0.	0.	0.	0.	0.	0.
105~Link	DEAD	0.	0.	0.	0.	0.	0.
105~Link	G1	0.	0.	0.	0.	0.	0.
105~Link	G2	0.	0.	0.	0.	0.	0.
105~Link	Qm	0.	0.	0.	0.	0.	0.
105~Link	Qs	0.	0.	0.	0.	0.	0.
105~Link	T+	0.	0.	0.	0.	0.	0.
105~Link	T-	0.	0.	0.	0.	0.	0.
105~Link	W	0.	0.	0.	0.	0.	0.
105~Link	Qm-1	0.	0.	0.	0.	0.	0.
105~Link	Qm-2	0.	0.	0.	0.	0.	0.
106~Link	DEAD	0.	0.	0.	0.	0.	0.
106~Link	G1	0.	0.	0.	0.	0.	0.
106~Link	G2	0.	0.	0.	0.	0.	0.
106~Link	Qm	0.	0.	0.	0.	0.	0.
106~Link	Qs	0.	0.	0.	0.	0.	0.
106~Link	T+	0.	0.	0.	0.	0.	0.
106~Link	T-	0.	0.	0.	0.	0.	0.
106~Link	W	0.	0.	0.	0.	0.	0.
106~Link	Qm-1	0.	0.	0.	0.	0.	0.
106~Link	Qm-2	0.	0.	0.	0.	0.	0.
107~Link	DEAD	0.	0.	0.	0.	0.	0.
107~Link	G1	0.	0.	0.	0.	0.	0.
107~Link	G2	0.	0.	0.	0.	0.	0.
107~Link	Qm	0.	0.	0.	0.	0.	0.
107~Link	Qs	0.	0.	0.	0.	0.	0.
107~Link	T+	0.	0.	0.	0.	0.	0.
107~Link	T-	0.	0.	0.	0.	0.	0.
107~Link	W	0.	0.	0.	0.	0.	0.
107~Link	Qm-1	0.	0.	0.	0.	0.	0.
107~Link	Qm-2	0.	0.	0.	0.	0.	0.
108~Link	DEAD	0.	0.	0.	0.	0.	0.
108~Link	G1	0.	0.	0.	0.	0.	0.
108~Link	G2	0.	0.	0.	0.	0.	0.
108~Link	Qm	0.	0.	0.	0.	0.	0.
108~Link	Qs	0.	0.	0.	0.	0.	0.

Table 24: Joint Displacements

Joint	OutputCase	U1	U2	U3	R1	R2	R3
		mm	mm	mm	Radians	Radians	Radians
108~Link	T+	0.	0.	0.	0.	0.	0.
108~Link	T-	0.	0.	0.	0.	0.	0.
108~Link	W	0.	0.	0.	0.	0.	0.
108~Link	Qm-1	0.	0.	0.	0.	0.	0.
108~Link	Qm-2	0.	0.	0.	0.	0.	0.
109~Link	DEAD	0.	0.	0.	0.	0.	0.
109~Link	G1	0.	0.	0.	0.	0.	0.
109~Link	G2	0.	0.	0.	0.	0.	0.
109~Link	Qm	0.	0.	0.	0.	0.	0.
109~Link	Qs	0.	0.	0.	0.	0.	0.
109~Link	T+	0.	0.	0.	0.	0.	0.
109~Link	T-	0.	0.	0.	0.	0.	0.
109~Link	W	0.	0.	0.	0.	0.	0.
109~Link	Qm-1	0.	0.	0.	0.	0.	0.
109~Link	Qm-2	0.	0.	0.	0.	0.	0.
110~Link	DEAD	0.	0.	0.	0.	0.	0.
110~Link	G1	0.	0.	0.	0.	0.	0.
110~Link	G2	0.	0.	0.	0.	0.	0.
110~Link	Qm	0.	0.	0.	0.	0.	0.
110~Link	Qs	0.	0.	0.	0.	0.	0.
110~Link	T+	0.	0.	0.	0.	0.	0.
110~Link	T-	0.	0.	0.	0.	0.	0.
110~Link	W	0.	0.	0.	0.	0.	0.
110~Link	Qm-1	0.	0.	0.	0.	0.	0.
110~Link	Qm-2	0.	0.	0.	0.	0.	0.
112~Link	DEAD	0.	0.	0.	0.	0.	0.
112~Link	G1	0.	0.	0.	0.	0.	0.
112~Link	G2	0.	0.	0.	0.	0.	0.
112~Link	Qm	0.	0.	0.	0.	0.	0.
112~Link	Qs	0.	0.	0.	0.	0.	0.
112~Link	T+	0.	0.	0.	0.	0.	0.
112~Link	T-	0.	0.	0.	0.	0.	0.
112~Link	W	0.	0.	0.	0.	0.	0.
112~Link	Qm-1	0.	0.	0.	0.	0.	0.
112~Link	Qm-2	0.	0.	0.	0.	0.	0.
111~Link	DEAD	0.	0.	0.	0.	0.	0.
111~Link	G1	0.	0.	0.	0.	0.	0.
111~Link	G2	0.	0.	0.	0.	0.	0.
111~Link	Qm	0.	0.	0.	0.	0.	0.
111~Link	Qs	0.	0.	0.	0.	0.	0.
111~Link	T+	0.	0.	0.	0.	0.	0.
111~Link	T-	0.	0.	0.	0.	0.	0.
111~Link	W	0.	0.	0.	0.	0.	0.
111~Link	Qm-1	0.	0.	0.	0.	0.	0.
111~Link	Qm-2	0.	0.	0.	0.	0.	0.
113~Link	DEAD	0.	0.	0.	0.	0.	0.
113~Link	G1	0.	0.	0.	0.	0.	0.
113~Link	G2	0.	0.	0.	0.	0.	0.
113~Link	Qm	0.	0.	0.	0.	0.	0.
113~Link	Qs	0.	0.	0.	0.	0.	0.
113~Link	T+	0.	0.	0.	0.	0.	0.
113~Link	T-	0.	0.	0.	0.	0.	0.
113~Link	W	0.	0.	0.	0.	0.	0.
113~Link	Qm-1	0.	0.	0.	0.	0.	0.

Table 24: Joint Displacements

Joint	OutputCase	U1	U2	U3	R1	R2	R3
		mm	mm	mm	Radians	Radians	Radians
113~Link	Qm-2	0.	0.	0.	0.	0.	0.
114~Link	DEAD	0.	0.	0.	0.	0.	0.
114~Link	G1	0.	0.	0.	0.	0.	0.
114~Link	G2	0.	0.	0.	0.	0.	0.
114~Link	Qm	0.	0.	0.	0.	0.	0.
114~Link	Qs	0.	0.	0.	0.	0.	0.
114~Link	T+	0.	0.	0.	0.	0.	0.
114~Link	T-	0.	0.	0.	0.	0.	0.
114~Link	W	0.	0.	0.	0.	0.	0.
114~Link	Qm-1	0.	0.	0.	0.	0.	0.
114~Link	Qm-2	0.	0.	0.	0.	0.	0.
115~Link	DEAD	0.	0.	0.	0.	0.	0.
115~Link	G1	0.	0.	0.	0.	0.	0.
115~Link	G2	0.	0.	0.	0.	0.	0.
115~Link	Qm	0.	0.	0.	0.	0.	0.
115~Link	Qs	0.	0.	0.	0.	0.	0.
115~Link	T+	0.	0.	0.	0.	0.	0.
115~Link	T-	0.	0.	0.	0.	0.	0.
115~Link	W	0.	0.	0.	0.	0.	0.
115~Link	Qm-1	0.	0.	0.	0.	0.	0.
115~Link	Qm-2	0.	0.	0.	0.	0.	0.
116~Link	DEAD	0.	0.	0.	0.	0.	0.
116~Link	G1	0.	0.	0.	0.	0.	0.
116~Link	G2	0.	0.	0.	0.	0.	0.
116~Link	Qm	0.	0.	0.	0.	0.	0.
116~Link	Qs	0.	0.	0.	0.	0.	0.
116~Link	T+	0.	0.	0.	0.	0.	0.
116~Link	T-	0.	0.	0.	0.	0.	0.
116~Link	W	0.	0.	0.	0.	0.	0.
116~Link	Qm-1	0.	0.	0.	0.	0.	0.
116~Link	Qm-2	0.	0.	0.	0.	0.	0.
117~Link	DEAD	0.	0.	0.	0.	0.	0.
117~Link	G1	0.	0.	0.	0.	0.	0.
117~Link	G2	0.	0.	0.	0.	0.	0.
117~Link	Qm	0.	0.	0.	0.	0.	0.
117~Link	Qs	0.	0.	0.	0.	0.	0.
117~Link	T+	0.	0.	0.	0.	0.	0.
117~Link	T-	0.	0.	0.	0.	0.	0.
117~Link	W	0.	0.	0.	0.	0.	0.
117~Link	Qm-1	0.	0.	0.	0.	0.	0.
117~Link	Qm-2	0.	0.	0.	0.	0.	0.
118~Link	DEAD	0.	0.	0.	0.	0.	0.
118~Link	G1	0.	0.	0.	0.	0.	0.
118~Link	G2	0.	0.	0.	0.	0.	0.
118~Link	Qm	0.	0.	0.	0.	0.	0.
118~Link	Qs	0.	0.	0.	0.	0.	0.
118~Link	T+	0.	0.	0.	0.	0.	0.
118~Link	T-	0.	0.	0.	0.	0.	0.
118~Link	W	0.	0.	0.	0.	0.	0.
118~Link	Qm-1	0.	0.	0.	0.	0.	0.
118~Link	Qm-2	0.	0.	0.	0.	0.	0.
119~Link	DEAD	0.	0.	0.	0.	0.	0.
119~Link	G1	0.	0.	0.	0.	0.	0.
119~Link	G2	0.	0.	0.	0.	0.	0.

Table 24: Joint Displacements

Joint	OutputCase	U1	U2	U3	R1	R2	R3
		mm	mm	mm	Radians	Radians	Radians
119~Link	Qm	0.	0.	0.	0.	0.	0.
119~Link	Qs	0.	0.	0.	0.	0.	0.
119~Link	T+	0.	0.	0.	0.	0.	0.
119~Link	T-	0.	0.	0.	0.	0.	0.
119~Link	W	0.	0.	0.	0.	0.	0.
119~Link	Qm-1	0.	0.	0.	0.	0.	0.
119~Link	Qm-2	0.	0.	0.	0.	0.	0.
120~Link	DEAD	0.	0.	0.	0.	0.	0.
120~Link	G1	0.	0.	0.	0.	0.	0.
120~Link	G2	0.	0.	0.	0.	0.	0.
120~Link	Qm	0.	0.	0.	0.	0.	0.
120~Link	Qs	0.	0.	0.	0.	0.	0.
120~Link	T+	0.	0.	0.	0.	0.	0.
120~Link	T-	0.	0.	0.	0.	0.	0.
120~Link	W	0.	0.	0.	0.	0.	0.
120~Link	Qm-1	0.	0.	0.	0.	0.	0.
120~Link	Qm-2	0.	0.	0.	0.	0.	0.
121~Link	DEAD	0.	0.	0.	0.	0.	0.
121~Link	G1	0.	0.	0.	0.	0.	0.
121~Link	G2	0.	0.	0.	0.	0.	0.
121~Link	Qm	0.	0.	0.	0.	0.	0.
121~Link	Qs	0.	0.	0.	0.	0.	0.
121~Link	T+	0.	0.	0.	0.	0.	0.
121~Link	T-	0.	0.	0.	0.	0.	0.
121~Link	W	0.	0.	0.	0.	0.	0.
121~Link	Qm-1	0.	0.	0.	0.	0.	0.
121~Link	Qm-2	0.	0.	0.	0.	0.	0.
122~Link	DEAD	0.	0.	0.	0.	0.	0.
122~Link	G1	0.	0.	0.	0.	0.	0.
122~Link	G2	0.	0.	0.	0.	0.	0.
122~Link	Qm	0.	0.	0.	0.	0.	0.
122~Link	Qs	0.	0.	0.	0.	0.	0.
122~Link	T+	0.	0.	0.	0.	0.	0.
122~Link	T-	0.	0.	0.	0.	0.	0.
122~Link	W	0.	0.	0.	0.	0.	0.
122~Link	Qm-1	0.	0.	0.	0.	0.	0.
122~Link	Qm-2	0.	0.	0.	0.	0.	0.
123~Link	DEAD	0.	0.	0.	0.	0.	0.
123~Link	G1	0.	0.	0.	0.	0.	0.
123~Link	G2	0.	0.	0.	0.	0.	0.
123~Link	Qm	0.	0.	0.	0.	0.	0.
123~Link	Qs	0.	0.	0.	0.	0.	0.
123~Link	T+	0.	0.	0.	0.	0.	0.
123~Link	T-	0.	0.	0.	0.	0.	0.
123~Link	W	0.	0.	0.	0.	0.	0.
123~Link	Qm-1	0.	0.	0.	0.	0.	0.
123~Link	Qm-2	0.	0.	0.	0.	0.	0.
124~Link	DEAD	0.	0.	0.	0.	0.	0.
124~Link	G1	0.	0.	0.	0.	0.	0.
124~Link	G2	0.	0.	0.	0.	0.	0.
124~Link	Qm	0.	0.	0.	0.	0.	0.
124~Link	Qs	0.	0.	0.	0.	0.	0.
124~Link	T+	0.	0.	0.	0.	0.	0.
124~Link	T-	0.	0.	0.	0.	0.	0.

Table 24: Joint Displacements

Joint	OutputCase	U1	U2	U3	R1	R2	R3
		mm	mm	mm	Radians	Radians	Radians
124~Link	W	0.	0.	0.	0.	0.	0.
124~Link	Qm-1	0.	0.	0.	0.	0.	0.
124~Link	Qm-2	0.	0.	0.	0.	0.	0.
125~Link	DEAD	0.	0.	0.	0.	0.	0.
125~Link	G1	0.	0.	0.	0.	0.	0.
125~Link	G2	0.	0.	0.	0.	0.	0.
125~Link	Qm	0.	0.	0.	0.	0.	0.
125~Link	Qs	0.	0.	0.	0.	0.	0.
125~Link	T+	0.	0.	0.	0.	0.	0.
125~Link	T-	0.	0.	0.	0.	0.	0.
125~Link	W	0.	0.	0.	0.	0.	0.
125~Link	Qm-1	0.	0.	0.	0.	0.	0.
125~Link	Qm-2	0.	0.	0.	0.	0.	0.
126~Link	DEAD	0.	0.	0.	0.	0.	0.
126~Link	G1	0.	0.	0.	0.	0.	0.
126~Link	G2	0.	0.	0.	0.	0.	0.
126~Link	Qm	0.	0.	0.	0.	0.	0.
126~Link	Qs	0.	0.	0.	0.	0.	0.
126~Link	T+	0.	0.	0.	0.	0.	0.
126~Link	T-	0.	0.	0.	0.	0.	0.
126~Link	W	0.	0.	0.	0.	0.	0.
126~Link	Qm-1	0.	0.	0.	0.	0.	0.
126~Link	Qm-2	0.	0.	0.	0.	0.	0.
127~Link	DEAD	0.	0.	0.	0.	0.	0.
127~Link	G1	0.	0.	0.	0.	0.	0.
127~Link	G2	0.	0.	0.	0.	0.	0.
127~Link	Qm	0.	0.	0.	0.	0.	0.
127~Link	Qs	0.	0.	0.	0.	0.	0.
127~Link	T+	0.	0.	0.	0.	0.	0.
127~Link	T-	0.	0.	0.	0.	0.	0.
127~Link	W	0.	0.	0.	0.	0.	0.
127~Link	Qm-1	0.	0.	0.	0.	0.	0.
127~Link	Qm-2	0.	0.	0.	0.	0.	0.
128~Link	DEAD	0.	0.	0.	0.	0.	0.
128~Link	G1	0.	0.	0.	0.	0.	0.
128~Link	G2	0.	0.	0.	0.	0.	0.
128~Link	Qm	0.	0.	0.	0.	0.	0.
128~Link	Qs	0.	0.	0.	0.	0.	0.
128~Link	T+	0.	0.	0.	0.	0.	0.
128~Link	T-	0.	0.	0.	0.	0.	0.
128~Link	W	0.	0.	0.	0.	0.	0.
128~Link	Qm-1	0.	0.	0.	0.	0.	0.
128~Link	Qm-2	0.	0.	0.	0.	0.	0.
129~Link	DEAD	0.	0.	0.	0.	0.	0.
129~Link	G1	0.	0.	0.	0.	0.	0.
129~Link	G2	0.	0.	0.	0.	0.	0.
129~Link	Qm	0.	0.	0.	0.	0.	0.
129~Link	Qs	0.	0.	0.	0.	0.	0.
129~Link	T+	0.	0.	0.	0.	0.	0.
129~Link	T-	0.	0.	0.	0.	0.	0.
129~Link	W	0.	0.	0.	0.	0.	0.
129~Link	Qm-1	0.	0.	0.	0.	0.	0.
129~Link	Qm-2	0.	0.	0.	0.	0.	0.
130~Link	DEAD	0.	0.	0.	0.	0.	0.

Table 24: Joint Displacements

Joint	OutputCase	U1	U2	U3	R1	R2	R3
		mm	mm	mm	Radians	Radians	Radians
130~Link	G1	0.	0.	0.	0.	0.	0.
130~Link	G2	0.	0.	0.	0.	0.	0.
130~Link	Qm	0.	0.	0.	0.	0.	0.
130~Link	Qs	0.	0.	0.	0.	0.	0.
130~Link	T+	0.	0.	0.	0.	0.	0.
130~Link	T-	0.	0.	0.	0.	0.	0.
130~Link	W	0.	0.	0.	0.	0.	0.
130~Link	Qm-1	0.	0.	0.	0.	0.	0.
130~Link	Qm-2	0.	0.	0.	0.	0.	0.
131~Link	DEAD	0.	0.	0.	0.	0.	0.
131~Link	G1	0.	0.	0.	0.	0.	0.
131~Link	G2	0.	0.	0.	0.	0.	0.
131~Link	Qm	0.	0.	0.	0.	0.	0.
131~Link	Qs	0.	0.	0.	0.	0.	0.
131~Link	T+	0.	0.	0.	0.	0.	0.
131~Link	T-	0.	0.	0.	0.	0.	0.
131~Link	W	0.	0.	0.	0.	0.	0.
131~Link	Qm-1	0.	0.	0.	0.	0.	0.
131~Link	Qm-2	0.	0.	0.	0.	0.	0.
132~Link	DEAD	0.	0.	0.	0.	0.	0.
132~Link	G1	0.	0.	0.	0.	0.	0.
132~Link	G2	0.	0.	0.	0.	0.	0.
132~Link	Qm	0.	0.	0.	0.	0.	0.
132~Link	Qs	0.	0.	0.	0.	0.	0.
132~Link	T+	0.	0.	0.	0.	0.	0.
132~Link	T-	0.	0.	0.	0.	0.	0.
132~Link	W	0.	0.	0.	0.	0.	0.
132~Link	Qm-1	0.	0.	0.	0.	0.	0.
132~Link	Qm-2	0.	0.	0.	0.	0.	0.
133~Link	DEAD	0.	0.	0.	0.	0.	0.
133~Link	G1	0.	0.	0.	0.	0.	0.
133~Link	G2	0.	0.	0.	0.	0.	0.
133~Link	Qm	0.	0.	0.	0.	0.	0.
133~Link	Qs	0.	0.	0.	0.	0.	0.
133~Link	T+	0.	0.	0.	0.	0.	0.
133~Link	T-	0.	0.	0.	0.	0.	0.
133~Link	W	0.	0.	0.	0.	0.	0.
133~Link	Qm-1	0.	0.	0.	0.	0.	0.
133~Link	Qm-2	0.	0.	0.	0.	0.	0.
134~Link	DEAD	0.	0.	0.	0.	0.	0.
134~Link	G1	0.	0.	0.	0.	0.	0.
134~Link	G2	0.	0.	0.	0.	0.	0.
134~Link	Qm	0.	0.	0.	0.	0.	0.
134~Link	Qs	0.	0.	0.	0.	0.	0.
134~Link	T+	0.	0.	0.	0.	0.	0.
134~Link	T-	0.	0.	0.	0.	0.	0.
134~Link	W	0.	0.	0.	0.	0.	0.
134~Link	Qm-1	0.	0.	0.	0.	0.	0.
134~Link	Qm-2	0.	0.	0.	0.	0.	0.
135~Link	DEAD	0.	0.	0.	0.	0.	0.
135~Link	G1	0.	0.	0.	0.	0.	0.
135~Link	G2	0.	0.	0.	0.	0.	0.
135~Link	Qm	0.	0.	0.	0.	0.	0.
135~Link	Qs	0.	0.	0.	0.	0.	0.

Table 24: Joint Displacements

Joint	OutputCase	U1	U2	U3	R1	R2	R3
		mm	mm	mm	Radians	Radians	Radians
135~Link	T+	0.	0.	0.	0.	0.	0.
135~Link	T-	0.	0.	0.	0.	0.	0.
135~Link	W	0.	0.	0.	0.	0.	0.
135~Link	Qm-1	0.	0.	0.	0.	0.	0.
135~Link	Qm-2	0.	0.	0.	0.	0.	0.
136~Link	DEAD	0.	0.	0.	0.	0.	0.
136~Link	G1	0.	0.	0.	0.	0.	0.
136~Link	G2	0.	0.	0.	0.	0.	0.
136~Link	Qm	0.	0.	0.	0.	0.	0.
136~Link	Qs	0.	0.	0.	0.	0.	0.
136~Link	T+	0.	0.	0.	0.	0.	0.
136~Link	T-	0.	0.	0.	0.	0.	0.
136~Link	W	0.	0.	0.	0.	0.	0.
136~Link	Qm-1	0.	0.	0.	0.	0.	0.
136~Link	Qm-2	0.	0.	0.	0.	0.	0.
138~Link	DEAD	0.	0.	0.	0.	0.	0.
138~Link	G1	0.	0.	0.	0.	0.	0.
138~Link	G2	0.	0.	0.	0.	0.	0.
138~Link	Qm	0.	0.	0.	0.	0.	0.
138~Link	Qs	0.	0.	0.	0.	0.	0.
138~Link	T+	0.	0.	0.	0.	0.	0.
138~Link	T-	0.	0.	0.	0.	0.	0.
138~Link	W	0.	0.	0.	0.	0.	0.
138~Link	Qm-1	0.	0.	0.	0.	0.	0.
138~Link	Qm-2	0.	0.	0.	0.	0.	0.
137~Link	DEAD	0.	0.	0.	0.	0.	0.
137~Link	G1	0.	0.	0.	0.	0.	0.
137~Link	G2	0.	0.	0.	0.	0.	0.
137~Link	Qm	0.	0.	0.	0.	0.	0.
137~Link	Qs	0.	0.	0.	0.	0.	0.
137~Link	T+	0.	0.	0.	0.	0.	0.
137~Link	T-	0.	0.	0.	0.	0.	0.
137~Link	W	0.	0.	0.	0.	0.	0.
137~Link	Qm-1	0.	0.	0.	0.	0.	0.
137~Link	Qm-2	0.	0.	0.	0.	0.	0.
139~Link	DEAD	0.	0.	0.	0.	0.	0.
139~Link	G1	0.	0.	0.	0.	0.	0.
139~Link	G2	0.	0.	0.	0.	0.	0.
139~Link	Qm	0.	0.	0.	0.	0.	0.
139~Link	Qs	0.	0.	0.	0.	0.	0.
139~Link	T+	0.	0.	0.	0.	0.	0.
139~Link	T-	0.	0.	0.	0.	0.	0.
139~Link	W	0.	0.	0.	0.	0.	0.
139~Link	Qm-1	0.	0.	0.	0.	0.	0.
139~Link	Qm-2	0.	0.	0.	0.	0.	0.
140~Link	DEAD	0.	0.	0.	0.	0.	0.
140~Link	G1	0.	0.	0.	0.	0.	0.
140~Link	G2	0.	0.	0.	0.	0.	0.
140~Link	Qm	0.	0.	0.	0.	0.	0.
140~Link	Qs	0.	0.	0.	0.	0.	0.
140~Link	T+	0.	0.	0.	0.	0.	0.
140~Link	T-	0.	0.	0.	0.	0.	0.
140~Link	W	0.	0.	0.	0.	0.	0.
140~Link	Qm-1	0.	0.	0.	0.	0.	0.

Table 24: Joint Displacements

Joint	OutputCase	U1	U2	U3	R1	R2	R3
		mm	mm	mm	Radians	Radians	Radians
140~Link	Qm-2	0.	0.	0.	0.	0.	0.
141~Link	DEAD	0.	0.	0.	0.	0.	0.
141~Link	G1	0.	0.	0.	0.	0.	0.
141~Link	G2	0.	0.	0.	0.	0.	0.
141~Link	Qm	0.	0.	0.	0.	0.	0.
141~Link	Qs	0.	0.	0.	0.	0.	0.
141~Link	T+	0.	0.	0.	0.	0.	0.
141~Link	T-	0.	0.	0.	0.	0.	0.
141~Link	W	0.	0.	0.	0.	0.	0.
141~Link	Qm-1	0.	0.	0.	0.	0.	0.
141~Link	Qm-2	0.	0.	0.	0.	0.	0.
142~Link	DEAD	0.	0.	0.	0.	0.	0.
142~Link	G1	0.	0.	0.	0.	0.	0.
142~Link	G2	0.	0.	0.	0.	0.	0.
142~Link	Qm	0.	0.	0.	0.	0.	0.
142~Link	Qs	0.	0.	0.	0.	0.	0.
142~Link	T+	0.	0.	0.	0.	0.	0.
142~Link	T-	0.	0.	0.	0.	0.	0.
142~Link	W	0.	0.	0.	0.	0.	0.
142~Link	Qm-1	0.	0.	0.	0.	0.	0.
142~Link	Qm-2	0.	0.	0.	0.	0.	0.
143~Link	DEAD	0.	0.	0.	0.	0.	0.
143~Link	G1	0.	0.	0.	0.	0.	0.
143~Link	G2	0.	0.	0.	0.	0.	0.
143~Link	Qm	0.	0.	0.	0.	0.	0.
143~Link	Qs	0.	0.	0.	0.	0.	0.
143~Link	T+	0.	0.	0.	0.	0.	0.
143~Link	T-	0.	0.	0.	0.	0.	0.
143~Link	W	0.	0.	0.	0.	0.	0.
143~Link	Qm-1	0.	0.	0.	0.	0.	0.
143~Link	Qm-2	0.	0.	0.	0.	0.	0.
144~Link	DEAD	0.	0.	0.	0.	0.	0.
144~Link	G1	0.	0.	0.	0.	0.	0.
144~Link	G2	0.	0.	0.	0.	0.	0.
144~Link	Qm	0.	0.	0.	0.	0.	0.
144~Link	Qs	0.	0.	0.	0.	0.	0.
144~Link	T+	0.	0.	0.	0.	0.	0.
144~Link	T-	0.	0.	0.	0.	0.	0.
144~Link	W	0.	0.	0.	0.	0.	0.
144~Link	Qm-1	0.	0.	0.	0.	0.	0.
144~Link	Qm-2	0.	0.	0.	0.	0.	0.
145~Link	DEAD	0.	0.	0.	0.	0.	0.
145~Link	G1	0.	0.	0.	0.	0.	0.
145~Link	G2	0.	0.	0.	0.	0.	0.
145~Link	Qm	0.	0.	0.	0.	0.	0.
145~Link	Qs	0.	0.	0.	0.	0.	0.
145~Link	T+	0.	0.	0.	0.	0.	0.
145~Link	T-	0.	0.	0.	0.	0.	0.
145~Link	W	0.	0.	0.	0.	0.	0.
145~Link	Qm-1	0.	0.	0.	0.	0.	0.
145~Link	Qm-2	0.	0.	0.	0.	0.	0.
146~Link	DEAD	0.	0.	0.	0.	0.	0.
146~Link	G1	0.	0.	0.	0.	0.	0.
146~Link	G2	0.	0.	0.	0.	0.	0.

Table 24: Joint Displacements

Joint	OutputCase	U1	U2	U3	R1	R2	R3
		mm	mm	mm	Radians	Radians	Radians
146~Link	Qm	0.	0.	0.	0.	0.	0.
146~Link	Qs	0.	0.	0.	0.	0.	0.
146~Link	T+	0.	0.	0.	0.	0.	0.
146~Link	T-	0.	0.	0.	0.	0.	0.
146~Link	W	0.	0.	0.	0.	0.	0.
146~Link	Qm-1	0.	0.	0.	0.	0.	0.
146~Link	Qm-2	0.	0.	0.	0.	0.	0.
147~Link	DEAD	0.	0.	0.	0.	0.	0.
147~Link	G1	0.	0.	0.	0.	0.	0.
147~Link	G2	0.	0.	0.	0.	0.	0.
147~Link	Qm	0.	0.	0.	0.	0.	0.
147~Link	Qs	0.	0.	0.	0.	0.	0.
147~Link	T+	0.	0.	0.	0.	0.	0.
147~Link	T-	0.	0.	0.	0.	0.	0.
147~Link	W	0.	0.	0.	0.	0.	0.
147~Link	Qm-1	0.	0.	0.	0.	0.	0.
147~Link	Qm-2	0.	0.	0.	0.	0.	0.
148~Link	DEAD	0.	0.	0.	0.	0.	0.
148~Link	G1	0.	0.	0.	0.	0.	0.
148~Link	G2	0.	0.	0.	0.	0.	0.
148~Link	Qm	0.	0.	0.	0.	0.	0.
148~Link	Qs	0.	0.	0.	0.	0.	0.
148~Link	T+	0.	0.	0.	0.	0.	0.
148~Link	T-	0.	0.	0.	0.	0.	0.
148~Link	W	0.	0.	0.	0.	0.	0.
148~Link	Qm-1	0.	0.	0.	0.	0.	0.
148~Link	Qm-2	0.	0.	0.	0.	0.	0.
149~Link	DEAD	0.	0.	0.	0.	0.	0.
149~Link	G1	0.	0.	0.	0.	0.	0.
149~Link	G2	0.	0.	0.	0.	0.	0.
149~Link	Qm	0.	0.	0.	0.	0.	0.
149~Link	Qs	0.	0.	0.	0.	0.	0.
149~Link	T+	0.	0.	0.	0.	0.	0.
149~Link	T-	0.	0.	0.	0.	0.	0.
149~Link	W	0.	0.	0.	0.	0.	0.
149~Link	Qm-1	0.	0.	0.	0.	0.	0.
149~Link	Qm-2	0.	0.	0.	0.	0.	0.
150~Link	DEAD	0.	0.	0.	0.	0.	0.
150~Link	G1	0.	0.	0.	0.	0.	0.
150~Link	G2	0.	0.	0.	0.	0.	0.
150~Link	Qm	0.	0.	0.	0.	0.	0.
150~Link	Qs	0.	0.	0.	0.	0.	0.
150~Link	T+	0.	0.	0.	0.	0.	0.
150~Link	T-	0.	0.	0.	0.	0.	0.
150~Link	W	0.	0.	0.	0.	0.	0.
150~Link	Qm-1	0.	0.	0.	0.	0.	0.
150~Link	Qm-2	0.	0.	0.	0.	0.	0.
151~Link	DEAD	0.	0.	0.	0.	0.	0.
151~Link	G1	0.	0.	0.	0.	0.	0.
151~Link	G2	0.	0.	0.	0.	0.	0.
151~Link	Qm	0.	0.	0.	0.	0.	0.
151~Link	Qs	0.	0.	0.	0.	0.	0.
151~Link	T+	0.	0.	0.	0.	0.	0.
151~Link	T-	0.	0.	0.	0.	0.	0.

Table 24: Joint Displacements

Joint	OutputCase	U1	U2	U3	R1	R2	R3
		mm	mm	mm	Radians	Radians	Radians
151~Link	W	0.	0.	0.	0.	0.	0.
151~Link	Qm-1	0.	0.	0.	0.	0.	0.
151~Link	Qm-2	0.	0.	0.	0.	0.	0.
152~Link	DEAD	0.	0.	0.	0.	0.	0.
152~Link	G1	0.	0.	0.	0.	0.	0.
152~Link	G2	0.	0.	0.	0.	0.	0.
152~Link	Qm	0.	0.	0.	0.	0.	0.
152~Link	Qs	0.	0.	0.	0.	0.	0.
152~Link	T+	0.	0.	0.	0.	0.	0.
152~Link	T-	0.	0.	0.	0.	0.	0.
152~Link	W	0.	0.	0.	0.	0.	0.
152~Link	Qm-1	0.	0.	0.	0.	0.	0.
152~Link	Qm-2	0.	0.	0.	0.	0.	0.
153~Link	DEAD	0.	0.	0.	0.	0.	0.
153~Link	G1	0.	0.	0.	0.	0.	0.
153~Link	G2	0.	0.	0.	0.	0.	0.
153~Link	Qm	0.	0.	0.	0.	0.	0.
153~Link	Qs	0.	0.	0.	0.	0.	0.
153~Link	T+	0.	0.	0.	0.	0.	0.
153~Link	T-	0.	0.	0.	0.	0.	0.
153~Link	W	0.	0.	0.	0.	0.	0.
153~Link	Qm-1	0.	0.	0.	0.	0.	0.
153~Link	Qm-2	0.	0.	0.	0.	0.	0.
154~Link	DEAD	0.	0.	0.	0.	0.	0.
154~Link	G1	0.	0.	0.	0.	0.	0.
154~Link	G2	0.	0.	0.	0.	0.	0.
154~Link	Qm	0.	0.	0.	0.	0.	0.
154~Link	Qs	0.	0.	0.	0.	0.	0.
154~Link	T+	0.	0.	0.	0.	0.	0.
154~Link	T-	0.	0.	0.	0.	0.	0.
154~Link	W	0.	0.	0.	0.	0.	0.
154~Link	Qm-1	0.	0.	0.	0.	0.	0.
154~Link	Qm-2	0.	0.	0.	0.	0.	0.
155~Link	DEAD	0.	0.	0.	0.	0.	0.
155~Link	G1	0.	0.	0.	0.	0.	0.
155~Link	G2	0.	0.	0.	0.	0.	0.
155~Link	Qm	0.	0.	0.	0.	0.	0.
155~Link	Qs	0.	0.	0.	0.	0.	0.
155~Link	T+	0.	0.	0.	0.	0.	0.
155~Link	T-	0.	0.	0.	0.	0.	0.
155~Link	W	0.	0.	0.	0.	0.	0.
155~Link	Qm-1	0.	0.	0.	0.	0.	0.
155~Link	Qm-2	0.	0.	0.	0.	0.	0.
156~Link	DEAD	0.	0.	0.	0.	0.	0.
156~Link	G1	0.	0.	0.	0.	0.	0.
156~Link	G2	0.	0.	0.	0.	0.	0.
156~Link	Qm	0.	0.	0.	0.	0.	0.
156~Link	Qs	0.	0.	0.	0.	0.	0.
156~Link	T+	0.	0.	0.	0.	0.	0.
156~Link	T-	0.	0.	0.	0.	0.	0.
156~Link	W	0.	0.	0.	0.	0.	0.
156~Link	Qm-1	0.	0.	0.	0.	0.	0.
156~Link	Qm-2	0.	0.	0.	0.	0.	0.
157~Link	DEAD	0.	0.	0.	0.	0.	0.

Table 24: Joint Displacements

Joint	OutputCase	U1	U2	U3	R1	R2	R3
		mm	mm	mm	Radians	Radians	Radians
157~Link	G1	0.	0.	0.	0.	0.	0.
157~Link	G2	0.	0.	0.	0.	0.	0.
157~Link	Qm	0.	0.	0.	0.	0.	0.
157~Link	Qs	0.	0.	0.	0.	0.	0.
157~Link	T+	0.	0.	0.	0.	0.	0.
157~Link	T-	0.	0.	0.	0.	0.	0.
157~Link	W	0.	0.	0.	0.	0.	0.
157~Link	Qm-1	0.	0.	0.	0.	0.	0.
157~Link	Qm-2	0.	0.	0.	0.	0.	0.
158~Link	DEAD	0.	0.	0.	0.	0.	0.
158~Link	G1	0.	0.	0.	0.	0.	0.
158~Link	G2	0.	0.	0.	0.	0.	0.
158~Link	Qm	0.	0.	0.	0.	0.	0.
158~Link	Qs	0.	0.	0.	0.	0.	0.
158~Link	T+	0.	0.	0.	0.	0.	0.
158~Link	T-	0.	0.	0.	0.	0.	0.
158~Link	W	0.	0.	0.	0.	0.	0.
158~Link	Qm-1	0.	0.	0.	0.	0.	0.
158~Link	Qm-2	0.	0.	0.	0.	0.	0.
159~Link	DEAD	0.	0.	0.	0.	0.	0.
159~Link	G1	0.	0.	0.	0.	0.	0.
159~Link	G2	0.	0.	0.	0.	0.	0.
159~Link	Qm	0.	0.	0.	0.	0.	0.
159~Link	Qs	0.	0.	0.	0.	0.	0.
159~Link	T+	0.	0.	0.	0.	0.	0.
159~Link	T-	0.	0.	0.	0.	0.	0.
159~Link	W	0.	0.	0.	0.	0.	0.
159~Link	Qm-1	0.	0.	0.	0.	0.	0.
159~Link	Qm-2	0.	0.	0.	0.	0.	0.
160~Link	DEAD	0.	0.	0.	0.	0.	0.
160~Link	G1	0.	0.	0.	0.	0.	0.
160~Link	G2	0.	0.	0.	0.	0.	0.
160~Link	Qm	0.	0.	0.	0.	0.	0.
160~Link	Qs	0.	0.	0.	0.	0.	0.
160~Link	T+	0.	0.	0.	0.	0.	0.
160~Link	T-	0.	0.	0.	0.	0.	0.
160~Link	W	0.	0.	0.	0.	0.	0.
160~Link	Qm-1	0.	0.	0.	0.	0.	0.
160~Link	Qm-2	0.	0.	0.	0.	0.	0.
161~Link	DEAD	0.	0.	0.	0.	0.	0.
161~Link	G1	0.	0.	0.	0.	0.	0.
161~Link	G2	0.	0.	0.	0.	0.	0.
161~Link	Qm	0.	0.	0.	0.	0.	0.
161~Link	Qs	0.	0.	0.	0.	0.	0.
161~Link	T+	0.	0.	0.	0.	0.	0.
161~Link	T-	0.	0.	0.	0.	0.	0.
161~Link	W	0.	0.	0.	0.	0.	0.
161~Link	Qm-1	0.	0.	0.	0.	0.	0.
161~Link	Qm-2	0.	0.	0.	0.	0.	0.
162~Link	DEAD	0.	0.	0.	0.	0.	0.
162~Link	G1	0.	0.	0.	0.	0.	0.
162~Link	G2	0.	0.	0.	0.	0.	0.
162~Link	Qm	0.	0.	0.	0.	0.	0.
162~Link	Qs	0.	0.	0.	0.	0.	0.

Table 24: Joint Displacements

Joint	OutputCase	U1	U2	U3	R1	R2	R3
		mm	mm	mm	Radians	Radians	Radians
162~Link	T+	0.	0.	0.	0.	0.	0.
162~Link	T-	0.	0.	0.	0.	0.	0.
162~Link	W	0.	0.	0.	0.	0.	0.
162~Link	Qm-1	0.	0.	0.	0.	0.	0.
162~Link	Qm-2	0.	0.	0.	0.	0.	0.
164~Link	DEAD	0.	0.	0.	0.	0.	0.
164~Link	G1	0.	0.	0.	0.	0.	0.
164~Link	G2	0.	0.	0.	0.	0.	0.
164~Link	Qm	0.	0.	0.	0.	0.	0.
164~Link	Qs	0.	0.	0.	0.	0.	0.
164~Link	T+	0.	0.	0.	0.	0.	0.
164~Link	T-	0.	0.	0.	0.	0.	0.
164~Link	W	0.	0.	0.	0.	0.	0.
164~Link	Qm-1	0.	0.	0.	0.	0.	0.
164~Link	Qm-2	0.	0.	0.	0.	0.	0.
163~Link	DEAD	0.	0.	0.	0.	0.	0.
163~Link	G1	0.	0.	0.	0.	0.	0.
163~Link	G2	0.	0.	0.	0.	0.	0.
163~Link	Qm	0.	0.	0.	0.	0.	0.
163~Link	Qs	0.	0.	0.	0.	0.	0.
163~Link	T+	0.	0.	0.	0.	0.	0.
163~Link	T-	0.	0.	0.	0.	0.	0.
163~Link	W	0.	0.	0.	0.	0.	0.
163~Link	Qm-1	0.	0.	0.	0.	0.	0.
163~Link	Qm-2	0.	0.	0.	0.	0.	0.
165~Link	DEAD	0.	0.	0.	0.	0.	0.
165~Link	G1	0.	0.	0.	0.	0.	0.
165~Link	G2	0.	0.	0.	0.	0.	0.
165~Link	Qm	0.	0.	0.	0.	0.	0.
165~Link	Qs	0.	0.	0.	0.	0.	0.
165~Link	T+	0.	0.	0.	0.	0.	0.
165~Link	T-	0.	0.	0.	0.	0.	0.
165~Link	W	0.	0.	0.	0.	0.	0.
165~Link	Qm-1	0.	0.	0.	0.	0.	0.
165~Link	Qm-2	0.	0.	0.	0.	0.	0.
166~Link	DEAD	0.	0.	0.	0.	0.	0.
166~Link	G1	0.	0.	0.	0.	0.	0.
166~Link	G2	0.	0.	0.	0.	0.	0.
166~Link	Qm	0.	0.	0.	0.	0.	0.
166~Link	Qs	0.	0.	0.	0.	0.	0.
166~Link	T+	0.	0.	0.	0.	0.	0.
166~Link	T-	0.	0.	0.	0.	0.	0.
166~Link	W	0.	0.	0.	0.	0.	0.
166~Link	Qm-1	0.	0.	0.	0.	0.	0.
166~Link	Qm-2	0.	0.	0.	0.	0.	0.
167~Link	DEAD	0.	0.	0.	0.	0.	0.
167~Link	G1	0.	0.	0.	0.	0.	0.
167~Link	G2	0.	0.	0.	0.	0.	0.
167~Link	Qm	0.	0.	0.	0.	0.	0.
167~Link	Qs	0.	0.	0.	0.	0.	0.
167~Link	T+	0.	0.	0.	0.	0.	0.
167~Link	T-	0.	0.	0.	0.	0.	0.
167~Link	W	0.	0.	0.	0.	0.	0.
167~Link	Qm-1	0.	0.	0.	0.	0.	0.

Table 24: Joint Displacements

Joint	OutputCase	U1	U2	U3	R1	R2	R3
		mm	mm	mm	Radians	Radians	Radians
167~Link	Qm-2	0.	0.	0.	0.	0.	0.
168~Link	DEAD	0.	0.	0.	0.	0.	0.
168~Link	G1	0.	0.	0.	0.	0.	0.
168~Link	G2	0.	0.	0.	0.	0.	0.
168~Link	Qm	0.	0.	0.	0.	0.	0.
168~Link	Qs	0.	0.	0.	0.	0.	0.
168~Link	T+	0.	0.	0.	0.	0.	0.
168~Link	T-	0.	0.	0.	0.	0.	0.
168~Link	W	0.	0.	0.	0.	0.	0.
168~Link	Qm-1	0.	0.	0.	0.	0.	0.
168~Link	Qm-2	0.	0.	0.	0.	0.	0.
169~Link	DEAD	0.	0.	0.	0.	0.	0.
169~Link	G1	0.	0.	0.	0.	0.	0.
169~Link	G2	0.	0.	0.	0.	0.	0.
169~Link	Qm	0.	0.	0.	0.	0.	0.
169~Link	Qs	0.	0.	0.	0.	0.	0.
169~Link	T+	0.	0.	0.	0.	0.	0.
169~Link	T-	0.	0.	0.	0.	0.	0.
169~Link	W	0.	0.	0.	0.	0.	0.
169~Link	Qm-1	0.	0.	0.	0.	0.	0.
169~Link	Qm-2	0.	0.	0.	0.	0.	0.
170~Link	DEAD	0.	0.	0.	0.	0.	0.
170~Link	G1	0.	0.	0.	0.	0.	0.
170~Link	G2	0.	0.	0.	0.	0.	0.
170~Link	Qm	0.	0.	0.	0.	0.	0.
170~Link	Qs	0.	0.	0.	0.	0.	0.
170~Link	T+	0.	0.	0.	0.	0.	0.
170~Link	T-	0.	0.	0.	0.	0.	0.
170~Link	W	0.	0.	0.	0.	0.	0.
170~Link	Qm-1	0.	0.	0.	0.	0.	0.
170~Link	Qm-2	0.	0.	0.	0.	0.	0.
171~Link	DEAD	0.	0.	0.	0.	0.	0.
171~Link	G1	0.	0.	0.	0.	0.	0.
171~Link	G2	0.	0.	0.	0.	0.	0.
171~Link	Qm	0.	0.	0.	0.	0.	0.
171~Link	Qs	0.	0.	0.	0.	0.	0.
171~Link	T+	0.	0.	0.	0.	0.	0.
171~Link	T-	0.	0.	0.	0.	0.	0.
171~Link	W	0.	0.	0.	0.	0.	0.
171~Link	Qm-1	0.	0.	0.	0.	0.	0.
171~Link	Qm-2	0.	0.	0.	0.	0.	0.
172~Link	DEAD	0.	0.	0.	0.	0.	0.
172~Link	G1	0.	0.	0.	0.	0.	0.
172~Link	G2	0.	0.	0.	0.	0.	0.
172~Link	Qm	0.	0.	0.	0.	0.	0.
172~Link	Qs	0.	0.	0.	0.	0.	0.
172~Link	T+	0.	0.	0.	0.	0.	0.
172~Link	T-	0.	0.	0.	0.	0.	0.
172~Link	W	0.	0.	0.	0.	0.	0.
172~Link	Qm-1	0.	0.	0.	0.	0.	0.
172~Link	Qm-2	0.	0.	0.	0.	0.	0.
173~Link	DEAD	0.	0.	0.	0.	0.	0.
173~Link	G1	0.	0.	0.	0.	0.	0.
173~Link	G2	0.	0.	0.	0.	0.	0.

Table 24: Joint Displacements

Joint	OutputCase	U1	U2	U3	R1	R2	R3
		mm	mm	mm	Radians	Radians	Radians
173~Link	Qm	0.	0.	0.	0.	0.	0.
173~Link	Qs	0.	0.	0.	0.	0.	0.
173~Link	T+	0.	0.	0.	0.	0.	0.
173~Link	T-	0.	0.	0.	0.	0.	0.
173~Link	W	0.	0.	0.	0.	0.	0.
173~Link	Qm-1	0.	0.	0.	0.	0.	0.
173~Link	Qm-2	0.	0.	0.	0.	0.	0.
174~Link	DEAD	0.	0.	0.	0.	0.	0.
174~Link	G1	0.	0.	0.	0.	0.	0.
174~Link	G2	0.	0.	0.	0.	0.	0.
174~Link	Qm	0.	0.	0.	0.	0.	0.
174~Link	Qs	0.	0.	0.	0.	0.	0.
174~Link	T+	0.	0.	0.	0.	0.	0.
174~Link	T-	0.	0.	0.	0.	0.	0.
174~Link	W	0.	0.	0.	0.	0.	0.
174~Link	Qm-1	0.	0.	0.	0.	0.	0.
174~Link	Qm-2	0.	0.	0.	0.	0.	0.
175~Link	DEAD	0.	0.	0.	0.	0.	0.
175~Link	G1	0.	0.	0.	0.	0.	0.
175~Link	G2	0.	0.	0.	0.	0.	0.
175~Link	Qm	0.	0.	0.	0.	0.	0.
175~Link	Qs	0.	0.	0.	0.	0.	0.
175~Link	T+	0.	0.	0.	0.	0.	0.
175~Link	T-	0.	0.	0.	0.	0.	0.
175~Link	W	0.	0.	0.	0.	0.	0.
175~Link	Qm-1	0.	0.	0.	0.	0.	0.
175~Link	Qm-2	0.	0.	0.	0.	0.	0.
176~Link	DEAD	0.	0.	0.	0.	0.	0.
176~Link	G1	0.	0.	0.	0.	0.	0.
176~Link	G2	0.	0.	0.	0.	0.	0.
176~Link	Qm	0.	0.	0.	0.	0.	0.
176~Link	Qs	0.	0.	0.	0.	0.	0.
176~Link	T+	0.	0.	0.	0.	0.	0.
176~Link	T-	0.	0.	0.	0.	0.	0.
176~Link	W	0.	0.	0.	0.	0.	0.
176~Link	Qm-1	0.	0.	0.	0.	0.	0.
176~Link	Qm-2	0.	0.	0.	0.	0.	0.
177~Link	DEAD	0.	0.	0.	0.	0.	0.
177~Link	G1	0.	0.	0.	0.	0.	0.
177~Link	G2	0.	0.	0.	0.	0.	0.
177~Link	Qm	0.	0.	0.	0.	0.	0.
177~Link	Qs	0.	0.	0.	0.	0.	0.
177~Link	T+	0.	0.	0.	0.	0.	0.
177~Link	T-	0.	0.	0.	0.	0.	0.
177~Link	W	0.	0.	0.	0.	0.	0.
177~Link	Qm-1	0.	0.	0.	0.	0.	0.
177~Link	Qm-2	0.	0.	0.	0.	0.	0.
178~Link	DEAD	0.	0.	0.	0.	0.	0.
178~Link	G1	0.	0.	0.	0.	0.	0.
178~Link	G2	0.	0.	0.	0.	0.	0.
178~Link	Qm	0.	0.	0.	0.	0.	0.
178~Link	Qs	0.	0.	0.	0.	0.	0.
178~Link	T+	0.	0.	0.	0.	0.	0.
178~Link	T-	0.	0.	0.	0.	0.	0.

Table 24: Joint Displacements

Joint	OutputCase	U1	U2	U3	R1	R2	R3
		mm	mm	mm	Radians	Radians	Radians
178~Link	W	0.	0.	0.	0.	0.	0.
178~Link	Qm-1	0.	0.	0.	0.	0.	0.
178~Link	Qm-2	0.	0.	0.	0.	0.	0.
179~Link	DEAD	0.	0.	0.	0.	0.	0.
179~Link	G1	0.	0.	0.	0.	0.	0.
179~Link	G2	0.	0.	0.	0.	0.	0.
179~Link	Qm	0.	0.	0.	0.	0.	0.
179~Link	Qs	0.	0.	0.	0.	0.	0.
179~Link	T+	0.	0.	0.	0.	0.	0.
179~Link	T-	0.	0.	0.	0.	0.	0.
179~Link	W	0.	0.	0.	0.	0.	0.
179~Link	Qm-1	0.	0.	0.	0.	0.	0.
179~Link	Qm-2	0.	0.	0.	0.	0.	0.
180~Link	DEAD	0.	0.	0.	0.	0.	0.
180~Link	G1	0.	0.	0.	0.	0.	0.
180~Link	G2	0.	0.	0.	0.	0.	0.
180~Link	Qm	0.	0.	0.	0.	0.	0.
180~Link	Qs	0.	0.	0.	0.	0.	0.
180~Link	T+	0.	0.	0.	0.	0.	0.
180~Link	T-	0.	0.	0.	0.	0.	0.
180~Link	W	0.	0.	0.	0.	0.	0.
180~Link	Qm-1	0.	0.	0.	0.	0.	0.
180~Link	Qm-2	0.	0.	0.	0.	0.	0.
181~Link	DEAD	0.	0.	0.	0.	0.	0.
181~Link	G1	0.	0.	0.	0.	0.	0.
181~Link	G2	0.	0.	0.	0.	0.	0.
181~Link	Qm	0.	0.	0.	0.	0.	0.
181~Link	Qs	0.	0.	0.	0.	0.	0.
181~Link	T+	0.	0.	0.	0.	0.	0.
181~Link	T-	0.	0.	0.	0.	0.	0.
181~Link	W	0.	0.	0.	0.	0.	0.
181~Link	Qm-1	0.	0.	0.	0.	0.	0.
181~Link	Qm-2	0.	0.	0.	0.	0.	0.
182~Link	DEAD	0.	0.	0.	0.	0.	0.
182~Link	G1	0.	0.	0.	0.	0.	0.
182~Link	G2	0.	0.	0.	0.	0.	0.
182~Link	Qm	0.	0.	0.	0.	0.	0.
182~Link	Qs	0.	0.	0.	0.	0.	0.
182~Link	T+	0.	0.	0.	0.	0.	0.
182~Link	T-	0.	0.	0.	0.	0.	0.
182~Link	W	0.	0.	0.	0.	0.	0.
182~Link	Qm-1	0.	0.	0.	0.	0.	0.
182~Link	Qm-2	0.	0.	0.	0.	0.	0.
183~Link	DEAD	0.	0.	0.	0.	0.	0.
183~Link	G1	0.	0.	0.	0.	0.	0.
183~Link	G2	0.	0.	0.	0.	0.	0.
183~Link	Qm	0.	0.	0.	0.	0.	0.
183~Link	Qs	0.	0.	0.	0.	0.	0.
183~Link	T+	0.	0.	0.	0.	0.	0.
183~Link	T-	0.	0.	0.	0.	0.	0.
183~Link	W	0.	0.	0.	0.	0.	0.
183~Link	Qm-1	0.	0.	0.	0.	0.	0.
183~Link	Qm-2	0.	0.	0.	0.	0.	0.
184~Link	DEAD	0.	0.	0.	0.	0.	0.

Table 24: Joint Displacements

Joint	OutputCase	U1	U2	U3	R1	R2	R3
		mm	mm	mm	Radians	Radians	Radians
184~Link	G1	0.	0.	0.	0.	0.	0.
184~Link	G2	0.	0.	0.	0.	0.	0.
184~Link	Qm	0.	0.	0.	0.	0.	0.
184~Link	Qs	0.	0.	0.	0.	0.	0.
184~Link	T+	0.	0.	0.	0.	0.	0.
184~Link	T-	0.	0.	0.	0.	0.	0.
184~Link	W	0.	0.	0.	0.	0.	0.
184~Link	Qm-1	0.	0.	0.	0.	0.	0.
184~Link	Qm-2	0.	0.	0.	0.	0.	0.
185~Link	DEAD	0.	0.	0.	0.	0.	0.
185~Link	G1	0.	0.	0.	0.	0.	0.
185~Link	G2	0.	0.	0.	0.	0.	0.
185~Link	Qm	0.	0.	0.	0.	0.	0.
185~Link	Qs	0.	0.	0.	0.	0.	0.
185~Link	T+	0.	0.	0.	0.	0.	0.
185~Link	T-	0.	0.	0.	0.	0.	0.
185~Link	W	0.	0.	0.	0.	0.	0.
185~Link	Qm-1	0.	0.	0.	0.	0.	0.
185~Link	Qm-2	0.	0.	0.	0.	0.	0.
186~Link	DEAD	0.	0.	0.	0.	0.	0.
186~Link	G1	0.	0.	0.	0.	0.	0.
186~Link	G2	0.	0.	0.	0.	0.	0.
186~Link	Qm	0.	0.	0.	0.	0.	0.
186~Link	Qs	0.	0.	0.	0.	0.	0.
186~Link	T+	0.	0.	0.	0.	0.	0.
186~Link	T-	0.	0.	0.	0.	0.	0.
186~Link	W	0.	0.	0.	0.	0.	0.
186~Link	Qm-1	0.	0.	0.	0.	0.	0.
186~Link	Qm-2	0.	0.	0.	0.	0.	0.
187~Link	DEAD	0.	0.	0.	0.	0.	0.
187~Link	G1	0.	0.	0.	0.	0.	0.
187~Link	G2	0.	0.	0.	0.	0.	0.
187~Link	Qm	0.	0.	0.	0.	0.	0.
187~Link	Qs	0.	0.	0.	0.	0.	0.
187~Link	T+	0.	0.	0.	0.	0.	0.
187~Link	T-	0.	0.	0.	0.	0.	0.
187~Link	W	0.	0.	0.	0.	0.	0.
187~Link	Qm-1	0.	0.	0.	0.	0.	0.
187~Link	Qm-2	0.	0.	0.	0.	0.	0.
188~Link	DEAD	0.	0.	0.	0.	0.	0.
188~Link	G1	0.	0.	0.	0.	0.	0.
188~Link	G2	0.	0.	0.	0.	0.	0.
188~Link	Qm	0.	0.	0.	0.	0.	0.
188~Link	Qs	0.	0.	0.	0.	0.	0.
188~Link	T+	0.	0.	0.	0.	0.	0.
188~Link	T-	0.	0.	0.	0.	0.	0.
188~Link	W	0.	0.	0.	0.	0.	0.
188~Link	Qm-1	0.	0.	0.	0.	0.	0.
188~Link	Qm-2	0.	0.	0.	0.	0.	0.
190~Link	DEAD	0.	0.	0.	0.	0.	0.
190~Link	G1	0.	0.	0.	0.	0.	0.
190~Link	G2	0.	0.	0.	0.	0.	0.
190~Link	Qm	0.	0.	0.	0.	0.	0.
190~Link	Qs	0.	0.	0.	0.	0.	0.

Table 24: Joint Displacements

Joint	OutputCase	U1	U2	U3	R1	R2	R3
		mm	mm	mm	Radians	Radians	Radians
190~Link	T+	0.	0.	0.	0.	0.	0.
190~Link	T-	0.	0.	0.	0.	0.	0.
190~Link	W	0.	0.	0.	0.	0.	0.
190~Link	Qm-1	0.	0.	0.	0.	0.	0.
190~Link	Qm-2	0.	0.	0.	0.	0.	0.
189~Link	DEAD	0.	0.	0.	0.	0.	0.
189~Link	G1	0.	0.	0.	0.	0.	0.
189~Link	G2	0.	0.	0.	0.	0.	0.
189~Link	Qm	0.	0.	0.	0.	0.	0.
189~Link	Qs	0.	0.	0.	0.	0.	0.
189~Link	T+	0.	0.	0.	0.	0.	0.
189~Link	T-	0.	0.	0.	0.	0.	0.
189~Link	W	0.	0.	0.	0.	0.	0.
189~Link	Qm-1	0.	0.	0.	0.	0.	0.
189~Link	Qm-2	0.	0.	0.	0.	0.	0.
191~Link	DEAD	0.	0.	0.	0.	0.	0.
191~Link	G1	0.	0.	0.	0.	0.	0.
191~Link	G2	0.	0.	0.	0.	0.	0.
191~Link	Qm	0.	0.	0.	0.	0.	0.
191~Link	Qs	0.	0.	0.	0.	0.	0.
191~Link	T+	0.	0.	0.	0.	0.	0.
191~Link	T-	0.	0.	0.	0.	0.	0.
191~Link	W	0.	0.	0.	0.	0.	0.
191~Link	Qm-1	0.	0.	0.	0.	0.	0.
191~Link	Qm-2	0.	0.	0.	0.	0.	0.
192~Link	DEAD	0.	0.	0.	0.	0.	0.
192~Link	G1	0.	0.	0.	0.	0.	0.
192~Link	G2	0.	0.	0.	0.	0.	0.
192~Link	Qm	0.	0.	0.	0.	0.	0.
192~Link	Qs	0.	0.	0.	0.	0.	0.
192~Link	T+	0.	0.	0.	0.	0.	0.
192~Link	T-	0.	0.	0.	0.	0.	0.
192~Link	W	0.	0.	0.	0.	0.	0.
192~Link	Qm-1	0.	0.	0.	0.	0.	0.
192~Link	Qm-2	0.	0.	0.	0.	0.	0.
193~Link	DEAD	0.	0.	0.	0.	0.	0.
193~Link	G1	0.	0.	0.	0.	0.	0.
193~Link	G2	0.	0.	0.	0.	0.	0.
193~Link	Qm	0.	0.	0.	0.	0.	0.
193~Link	Qs	0.	0.	0.	0.	0.	0.
193~Link	T+	0.	0.	0.	0.	0.	0.
193~Link	T-	0.	0.	0.	0.	0.	0.
193~Link	W	0.	0.	0.	0.	0.	0.
193~Link	Qm-1	0.	0.	0.	0.	0.	0.
193~Link	Qm-2	0.	0.	0.	0.	0.	0.
194~Link	DEAD	0.	0.	0.	0.	0.	0.
194~Link	G1	0.	0.	0.	0.	0.	0.
194~Link	G2	0.	0.	0.	0.	0.	0.
194~Link	Qm	0.	0.	0.	0.	0.	0.
194~Link	Qs	0.	0.	0.	0.	0.	0.
194~Link	T+	0.	0.	0.	0.	0.	0.
194~Link	T-	0.	0.	0.	0.	0.	0.
194~Link	W	0.	0.	0.	0.	0.	0.
194~Link	Qm-1	0.	0.	0.	0.	0.	0.

Table 24: Joint Displacements

Joint	OutputCase	U1	U2	U3	R1	R2	R3
		mm	mm	mm	Radians	Radians	Radians
194~Link	Qm-2	0.	0.	0.	0.	0.	0.
195~Link	DEAD	0.	0.	0.	0.	0.	0.
195~Link	G1	0.	0.	0.	0.	0.	0.
195~Link	G2	0.	0.	0.	0.	0.	0.
195~Link	Qm	0.	0.	0.	0.	0.	0.
195~Link	Qs	0.	0.	0.	0.	0.	0.
195~Link	T+	0.	0.	0.	0.	0.	0.
195~Link	T-	0.	0.	0.	0.	0.	0.
195~Link	W	0.	0.	0.	0.	0.	0.
195~Link	Qm-1	0.	0.	0.	0.	0.	0.
195~Link	Qm-2	0.	0.	0.	0.	0.	0.
196~Link	DEAD	0.	0.	0.	0.	0.	0.
196~Link	G1	0.	0.	0.	0.	0.	0.
196~Link	G2	0.	0.	0.	0.	0.	0.
196~Link	Qm	0.	0.	0.	0.	0.	0.
196~Link	Qs	0.	0.	0.	0.	0.	0.
196~Link	T+	0.	0.	0.	0.	0.	0.
196~Link	T-	0.	0.	0.	0.	0.	0.
196~Link	W	0.	0.	0.	0.	0.	0.
196~Link	Qm-1	0.	0.	0.	0.	0.	0.
196~Link	Qm-2	0.	0.	0.	0.	0.	0.
197~Link	DEAD	0.	0.	0.	0.	0.	0.
197~Link	G1	0.	0.	0.	0.	0.	0.
197~Link	G2	0.	0.	0.	0.	0.	0.
197~Link	Qm	0.	0.	0.	0.	0.	0.
197~Link	Qs	0.	0.	0.	0.	0.	0.
197~Link	T+	0.	0.	0.	0.	0.	0.
197~Link	T-	0.	0.	0.	0.	0.	0.
197~Link	W	0.	0.	0.	0.	0.	0.
197~Link	Qm-1	0.	0.	0.	0.	0.	0.
197~Link	Qm-2	0.	0.	0.	0.	0.	0.
198~Link	DEAD	0.	0.	0.	0.	0.	0.
198~Link	G1	0.	0.	0.	0.	0.	0.
198~Link	G2	0.	0.	0.	0.	0.	0.
198~Link	Qm	0.	0.	0.	0.	0.	0.
198~Link	Qs	0.	0.	0.	0.	0.	0.
198~Link	T+	0.	0.	0.	0.	0.	0.
198~Link	T-	0.	0.	0.	0.	0.	0.
198~Link	W	0.	0.	0.	0.	0.	0.
198~Link	Qm-1	0.	0.	0.	0.	0.	0.
198~Link	Qm-2	0.	0.	0.	0.	0.	0.
199~Link	DEAD	0.	0.	0.	0.	0.	0.
199~Link	G1	0.	0.	0.	0.	0.	0.
199~Link	G2	0.	0.	0.	0.	0.	0.
199~Link	Qm	0.	0.	0.	0.	0.	0.
199~Link	Qs	0.	0.	0.	0.	0.	0.
199~Link	T+	0.	0.	0.	0.	0.	0.
199~Link	T-	0.	0.	0.	0.	0.	0.
199~Link	W	0.	0.	0.	0.	0.	0.
199~Link	Qm-1	0.	0.	0.	0.	0.	0.
199~Link	Qm-2	0.	0.	0.	0.	0.	0.
200~Link	DEAD	0.	0.	0.	0.	0.	0.
200~Link	G1	0.	0.	0.	0.	0.	0.
200~Link	G2	0.	0.	0.	0.	0.	0.

Table 24: Joint Displacements

Joint	OutputCase	U1	U2	U3	R1	R2	R3
		mm	mm	mm	Radians	Radians	Radians
200~Link	Qm	0.	0.	0.	0.	0.	0.
200~Link	Qs	0.	0.	0.	0.	0.	0.
200~Link	T+	0.	0.	0.	0.	0.	0.
200~Link	T-	0.	0.	0.	0.	0.	0.
200~Link	W	0.	0.	0.	0.	0.	0.
200~Link	Qm-1	0.	0.	0.	0.	0.	0.
200~Link	Qm-2	0.	0.	0.	0.	0.	0.
201~Link	DEAD	0.	0.	0.	0.	0.	0.
201~Link	G1	0.	0.	0.	0.	0.	0.
201~Link	G2	0.	0.	0.	0.	0.	0.
201~Link	Qm	0.	0.	0.	0.	0.	0.
201~Link	Qs	0.	0.	0.	0.	0.	0.
201~Link	T+	0.	0.	0.	0.	0.	0.
201~Link	T-	0.	0.	0.	0.	0.	0.
201~Link	W	0.	0.	0.	0.	0.	0.
201~Link	Qm-1	0.	0.	0.	0.	0.	0.
201~Link	Qm-2	0.	0.	0.	0.	0.	0.
202~Link	DEAD	0.	0.	0.	0.	0.	0.
202~Link	G1	0.	0.	0.	0.	0.	0.
202~Link	G2	0.	0.	0.	0.	0.	0.
202~Link	Qm	0.	0.	0.	0.	0.	0.
202~Link	Qs	0.	0.	0.	0.	0.	0.
202~Link	T+	0.	0.	0.	0.	0.	0.
202~Link	T-	0.	0.	0.	0.	0.	0.
202~Link	W	0.	0.	0.	0.	0.	0.
202~Link	Qm-1	0.	0.	0.	0.	0.	0.
202~Link	Qm-2	0.	0.	0.	0.	0.	0.
203~Link	DEAD	0.	0.	0.	0.	0.	0.
203~Link	G1	0.	0.	0.	0.	0.	0.
203~Link	G2	0.	0.	0.	0.	0.	0.
203~Link	Qm	0.	0.	0.	0.	0.	0.
203~Link	Qs	0.	0.	0.	0.	0.	0.
203~Link	T+	0.	0.	0.	0.	0.	0.
203~Link	T-	0.	0.	0.	0.	0.	0.
203~Link	W	0.	0.	0.	0.	0.	0.
203~Link	Qm-1	0.	0.	0.	0.	0.	0.
203~Link	Qm-2	0.	0.	0.	0.	0.	0.
204~Link	DEAD	0.	0.	0.	0.	0.	0.
204~Link	G1	0.	0.	0.	0.	0.	0.
204~Link	G2	0.	0.	0.	0.	0.	0.
204~Link	Qm	0.	0.	0.	0.	0.	0.
204~Link	Qs	0.	0.	0.	0.	0.	0.
204~Link	T+	0.	0.	0.	0.	0.	0.
204~Link	T-	0.	0.	0.	0.	0.	0.
204~Link	W	0.	0.	0.	0.	0.	0.
204~Link	Qm-1	0.	0.	0.	0.	0.	0.
204~Link	Qm-2	0.	0.	0.	0.	0.	0.
205~Link	DEAD	0.	0.	0.	0.	0.	0.
205~Link	G1	0.	0.	0.	0.	0.	0.
205~Link	G2	0.	0.	0.	0.	0.	0.
205~Link	Qm	0.	0.	0.	0.	0.	0.
205~Link	Qs	0.	0.	0.	0.	0.	0.
205~Link	T+	0.	0.	0.	0.	0.	0.
205~Link	T-	0.	0.	0.	0.	0.	0.

Table 24: Joint Displacements

Joint	OutputCase	U1	U2	U3	R1	R2	R3
		mm	mm	mm	Radians	Radians	Radians
205~Link	W	0.	0.	0.	0.	0.	0.
205~Link	Qm-1	0.	0.	0.	0.	0.	0.
205~Link	Qm-2	0.	0.	0.	0.	0.	0.
206~Link	DEAD	0.	0.	0.	0.	0.	0.
206~Link	G1	0.	0.	0.	0.	0.	0.
206~Link	G2	0.	0.	0.	0.	0.	0.
206~Link	Qm	0.	0.	0.	0.	0.	0.
206~Link	Qs	0.	0.	0.	0.	0.	0.
206~Link	T+	0.	0.	0.	0.	0.	0.
206~Link	T-	0.	0.	0.	0.	0.	0.
206~Link	W	0.	0.	0.	0.	0.	0.
206~Link	Qm-1	0.	0.	0.	0.	0.	0.
206~Link	Qm-2	0.	0.	0.	0.	0.	0.
207~Link	DEAD	0.	0.	0.	0.	0.	0.
207~Link	G1	0.	0.	0.	0.	0.	0.
207~Link	G2	0.	0.	0.	0.	0.	0.
207~Link	Qm	0.	0.	0.	0.	0.	0.
207~Link	Qs	0.	0.	0.	0.	0.	0.
207~Link	T+	0.	0.	0.	0.	0.	0.
207~Link	T-	0.	0.	0.	0.	0.	0.
207~Link	W	0.	0.	0.	0.	0.	0.
207~Link	Qm-1	0.	0.	0.	0.	0.	0.
207~Link	Qm-2	0.	0.	0.	0.	0.	0.
208~Link	DEAD	0.	0.	0.	0.	0.	0.
208~Link	G1	0.	0.	0.	0.	0.	0.
208~Link	G2	0.	0.	0.	0.	0.	0.
208~Link	Qm	0.	0.	0.	0.	0.	0.
208~Link	Qs	0.	0.	0.	0.	0.	0.
208~Link	T+	0.	0.	0.	0.	0.	0.
208~Link	T-	0.	0.	0.	0.	0.	0.
208~Link	W	0.	0.	0.	0.	0.	0.
208~Link	Qm-1	0.	0.	0.	0.	0.	0.
208~Link	Qm-2	0.	0.	0.	0.	0.	0.
209~Link	DEAD	0.	0.	0.	0.	0.	0.
209~Link	G1	0.	0.	0.	0.	0.	0.
209~Link	G2	0.	0.	0.	0.	0.	0.
209~Link	Qm	0.	0.	0.	0.	0.	0.
209~Link	Qs	0.	0.	0.	0.	0.	0.
209~Link	T+	0.	0.	0.	0.	0.	0.
209~Link	T-	0.	0.	0.	0.	0.	0.
209~Link	W	0.	0.	0.	0.	0.	0.
209~Link	Qm-1	0.	0.	0.	0.	0.	0.
209~Link	Qm-2	0.	0.	0.	0.	0.	0.
210~Link	DEAD	0.	0.	0.	0.	0.	0.
210~Link	G1	0.	0.	0.	0.	0.	0.
210~Link	G2	0.	0.	0.	0.	0.	0.
210~Link	Qm	0.	0.	0.	0.	0.	0.
210~Link	Qs	0.	0.	0.	0.	0.	0.
210~Link	T+	0.	0.	0.	0.	0.	0.
210~Link	T-	0.	0.	0.	0.	0.	0.
210~Link	W	0.	0.	0.	0.	0.	0.
210~Link	Qm-1	0.	0.	0.	0.	0.	0.
210~Link	Qm-2	0.	0.	0.	0.	0.	0.
211~Link	DEAD	0.	0.	0.	0.	0.	0.

Table 24: Joint Displacements

Joint	OutputCase	U1	U2	U3	R1	R2	R3
		mm	mm	mm	Radians	Radians	Radians
211~Link	G1	0.	0.	0.	0.	0.	0.
211~Link	G2	0.	0.	0.	0.	0.	0.
211~Link	Qm	0.	0.	0.	0.	0.	0.
211~Link	Qs	0.	0.	0.	0.	0.	0.
211~Link	T+	0.	0.	0.	0.	0.	0.
211~Link	T-	0.	0.	0.	0.	0.	0.
211~Link	W	0.	0.	0.	0.	0.	0.
211~Link	Qm-1	0.	0.	0.	0.	0.	0.
211~Link	Qm-2	0.	0.	0.	0.	0.	0.
212~Link	DEAD	0.	0.	0.	0.	0.	0.
212~Link	G1	0.	0.	0.	0.	0.	0.
212~Link	G2	0.	0.	0.	0.	0.	0.
212~Link	Qm	0.	0.	0.	0.	0.	0.
212~Link	Qs	0.	0.	0.	0.	0.	0.
212~Link	T+	0.	0.	0.	0.	0.	0.
212~Link	T-	0.	0.	0.	0.	0.	0.
212~Link	W	0.	0.	0.	0.	0.	0.
212~Link	Qm-1	0.	0.	0.	0.	0.	0.
212~Link	Qm-2	0.	0.	0.	0.	0.	0.
213~Link	DEAD	0.	0.	0.	0.	0.	0.
213~Link	G1	0.	0.	0.	0.	0.	0.
213~Link	G2	0.	0.	0.	0.	0.	0.
213~Link	Qm	0.	0.	0.	0.	0.	0.
213~Link	Qs	0.	0.	0.	0.	0.	0.
213~Link	T+	0.	0.	0.	0.	0.	0.
213~Link	T-	0.	0.	0.	0.	0.	0.
213~Link	W	0.	0.	0.	0.	0.	0.
213~Link	Qm-1	0.	0.	0.	0.	0.	0.
213~Link	Qm-2	0.	0.	0.	0.	0.	0.
214~Link	DEAD	0.	0.	0.	0.	0.	0.
214~Link	G1	0.	0.	0.	0.	0.	0.
214~Link	G2	0.	0.	0.	0.	0.	0.
214~Link	Qm	0.	0.	0.	0.	0.	0.
214~Link	Qs	0.	0.	0.	0.	0.	0.
214~Link	T+	0.	0.	0.	0.	0.	0.
214~Link	T-	0.	0.	0.	0.	0.	0.
214~Link	W	0.	0.	0.	0.	0.	0.
214~Link	Qm-1	0.	0.	0.	0.	0.	0.
214~Link	Qm-2	0.	0.	0.	0.	0.	0.
216~Link	DEAD	0.	0.	0.	0.	0.	0.
216~Link	G1	0.	0.	0.	0.	0.	0.
216~Link	G2	0.	0.	0.	0.	0.	0.
216~Link	Qm	0.	0.	0.	0.	0.	0.
216~Link	Qs	0.	0.	0.	0.	0.	0.
216~Link	T+	0.	0.	0.	0.	0.	0.
216~Link	T-	0.	0.	0.	0.	0.	0.
216~Link	W	0.	0.	0.	0.	0.	0.
216~Link	Qm-1	0.	0.	0.	0.	0.	0.
216~Link	Qm-2	0.	0.	0.	0.	0.	0.
215~Link	DEAD	0.	0.	0.	0.	0.	0.
215~Link	G1	0.	0.	0.	0.	0.	0.
215~Link	G2	0.	0.	0.	0.	0.	0.
215~Link	Qm	0.	0.	0.	0.	0.	0.
215~Link	Qs	0.	0.	0.	0.	0.	0.

Table 24: Joint Displacements

Joint	OutputCase	U1	U2	U3	R1	R2	R3
		mm	mm	mm	Radians	Radians	Radians
215~Link	T+	0.	0.	0.	0.	0.	0.
215~Link	T-	0.	0.	0.	0.	0.	0.
215~Link	W	0.	0.	0.	0.	0.	0.
215~Link	Qm-1	0.	0.	0.	0.	0.	0.
215~Link	Qm-2	0.	0.	0.	0.	0.	0.
217~Link	DEAD	0.	0.	0.	0.	0.	0.
217~Link	G1	0.	0.	0.	0.	0.	0.
217~Link	G2	0.	0.	0.	0.	0.	0.
217~Link	Qm	0.	0.	0.	0.	0.	0.
217~Link	Qs	0.	0.	0.	0.	0.	0.
217~Link	T+	0.	0.	0.	0.	0.	0.
217~Link	T-	0.	0.	0.	0.	0.	0.
217~Link	W	0.	0.	0.	0.	0.	0.
217~Link	Qm-1	0.	0.	0.	0.	0.	0.
217~Link	Qm-2	0.	0.	0.	0.	0.	0.
218~Link	DEAD	0.	0.	0.	0.	0.	0.
218~Link	G1	0.	0.	0.	0.	0.	0.
218~Link	G2	0.	0.	0.	0.	0.	0.
218~Link	Qm	0.	0.	0.	0.	0.	0.
218~Link	Qs	0.	0.	0.	0.	0.	0.
218~Link	T+	0.	0.	0.	0.	0.	0.
218~Link	T-	0.	0.	0.	0.	0.	0.
218~Link	W	0.	0.	0.	0.	0.	0.
218~Link	Qm-1	0.	0.	0.	0.	0.	0.
218~Link	Qm-2	0.	0.	0.	0.	0.	0.
219~Link	DEAD	0.	0.	0.	0.	0.	0.
219~Link	G1	0.	0.	0.	0.	0.	0.
219~Link	G2	0.	0.	0.	0.	0.	0.
219~Link	Qm	0.	0.	0.	0.	0.	0.
219~Link	Qs	0.	0.	0.	0.	0.	0.
219~Link	T+	0.	0.	0.	0.	0.	0.
219~Link	T-	0.	0.	0.	0.	0.	0.
219~Link	W	0.	0.	0.	0.	0.	0.
219~Link	Qm-1	0.	0.	0.	0.	0.	0.
219~Link	Qm-2	0.	0.	0.	0.	0.	0.
220~Link	DEAD	0.	0.	0.	0.	0.	0.
220~Link	G1	0.	0.	0.	0.	0.	0.
220~Link	G2	0.	0.	0.	0.	0.	0.
220~Link	Qm	0.	0.	0.	0.	0.	0.
220~Link	Qs	0.	0.	0.	0.	0.	0.
220~Link	T+	0.	0.	0.	0.	0.	0.
220~Link	T-	0.	0.	0.	0.	0.	0.
220~Link	W	0.	0.	0.	0.	0.	0.
220~Link	Qm-1	0.	0.	0.	0.	0.	0.
220~Link	Qm-2	0.	0.	0.	0.	0.	0.
221~Link	DEAD	0.	0.	0.	0.	0.	0.
221~Link	G1	0.	0.	0.	0.	0.	0.
221~Link	G2	0.	0.	0.	0.	0.	0.
221~Link	Qm	0.	0.	0.	0.	0.	0.
221~Link	Qs	0.	0.	0.	0.	0.	0.
221~Link	T+	0.	0.	0.	0.	0.	0.
221~Link	T-	0.	0.	0.	0.	0.	0.
221~Link	W	0.	0.	0.	0.	0.	0.
221~Link	Qm-1	0.	0.	0.	0.	0.	0.

Table 24: Joint Displacements

Joint	OutputCase	U1	U2	U3	R1	R2	R3
		mm	mm	mm	Radians	Radians	Radians
221~Link	Qm-2	0.	0.	0.	0.	0.	0.
222~Link	DEAD	0.	0.	0.	0.	0.	0.
222~Link	G1	0.	0.	0.	0.	0.	0.
222~Link	G2	0.	0.	0.	0.	0.	0.
222~Link	Qm	0.	0.	0.	0.	0.	0.
222~Link	Qs	0.	0.	0.	0.	0.	0.
222~Link	T+	0.	0.	0.	0.	0.	0.
222~Link	T-	0.	0.	0.	0.	0.	0.
222~Link	W	0.	0.	0.	0.	0.	0.
222~Link	Qm-1	0.	0.	0.	0.	0.	0.
222~Link	Qm-2	0.	0.	0.	0.	0.	0.
223~Link	DEAD	0.	0.	0.	0.	0.	0.
223~Link	G1	0.	0.	0.	0.	0.	0.
223~Link	G2	0.	0.	0.	0.	0.	0.
223~Link	Qm	0.	0.	0.	0.	0.	0.
223~Link	Qs	0.	0.	0.	0.	0.	0.
223~Link	T+	0.	0.	0.	0.	0.	0.
223~Link	T-	0.	0.	0.	0.	0.	0.
223~Link	W	0.	0.	0.	0.	0.	0.
223~Link	Qm-1	0.	0.	0.	0.	0.	0.
223~Link	Qm-2	0.	0.	0.	0.	0.	0.
224~Link	DEAD	0.	0.	0.	0.	0.	0.
224~Link	G1	0.	0.	0.	0.	0.	0.
224~Link	G2	0.	0.	0.	0.	0.	0.
224~Link	Qm	0.	0.	0.	0.	0.	0.
224~Link	Qs	0.	0.	0.	0.	0.	0.
224~Link	T+	0.	0.	0.	0.	0.	0.
224~Link	T-	0.	0.	0.	0.	0.	0.
224~Link	W	0.	0.	0.	0.	0.	0.
224~Link	Qm-1	0.	0.	0.	0.	0.	0.
224~Link	Qm-2	0.	0.	0.	0.	0.	0.
225~Link	DEAD	0.	0.	0.	0.	0.	0.
225~Link	G1	0.	0.	0.	0.	0.	0.
225~Link	G2	0.	0.	0.	0.	0.	0.
225~Link	Qm	0.	0.	0.	0.	0.	0.
225~Link	Qs	0.	0.	0.	0.	0.	0.
225~Link	T+	0.	0.	0.	0.	0.	0.
225~Link	T-	0.	0.	0.	0.	0.	0.
225~Link	W	0.	0.	0.	0.	0.	0.
225~Link	Qm-1	0.	0.	0.	0.	0.	0.
225~Link	Qm-2	0.	0.	0.	0.	0.	0.
226~Link	DEAD	0.	0.	0.	0.	0.	0.
226~Link	G1	0.	0.	0.	0.	0.	0.
226~Link	G2	0.	0.	0.	0.	0.	0.
226~Link	Qm	0.	0.	0.	0.	0.	0.
226~Link	Qs	0.	0.	0.	0.	0.	0.
226~Link	T+	0.	0.	0.	0.	0.	0.
226~Link	T-	0.	0.	0.	0.	0.	0.
226~Link	W	0.	0.	0.	0.	0.	0.
226~Link	Qm-1	0.	0.	0.	0.	0.	0.
226~Link	Qm-2	0.	0.	0.	0.	0.	0.
227~Link	DEAD	0.	0.	0.	0.	0.	0.
227~Link	G1	0.	0.	0.	0.	0.	0.
227~Link	G2	0.	0.	0.	0.	0.	0.

Table 24: Joint Displacements

Joint	OutputCase	U1	U2	U3	R1	R2	R3
		mm	mm	mm	Radians	Radians	Radians
227~Link	Qm	0.	0.	0.	0.	0.	0.
227~Link	Qs	0.	0.	0.	0.	0.	0.
227~Link	T+	0.	0.	0.	0.	0.	0.
227~Link	T-	0.	0.	0.	0.	0.	0.
227~Link	W	0.	0.	0.	0.	0.	0.
227~Link	Qm-1	0.	0.	0.	0.	0.	0.
227~Link	Qm-2	0.	0.	0.	0.	0.	0.
228~Link	DEAD	0.	0.	0.	0.	0.	0.
228~Link	G1	0.	0.	0.	0.	0.	0.
228~Link	G2	0.	0.	0.	0.	0.	0.
228~Link	Qm	0.	0.	0.	0.	0.	0.
228~Link	Qs	0.	0.	0.	0.	0.	0.
228~Link	T+	0.	0.	0.	0.	0.	0.
228~Link	T-	0.	0.	0.	0.	0.	0.
228~Link	W	0.	0.	0.	0.	0.	0.
228~Link	Qm-1	0.	0.	0.	0.	0.	0.
228~Link	Qm-2	0.	0.	0.	0.	0.	0.
229~Link	DEAD	0.	0.	0.	0.	0.	0.
229~Link	G1	0.	0.	0.	0.	0.	0.
229~Link	G2	0.	0.	0.	0.	0.	0.
229~Link	Qm	0.	0.	0.	0.	0.	0.
229~Link	Qs	0.	0.	0.	0.	0.	0.
229~Link	T+	0.	0.	0.	0.	0.	0.
229~Link	T-	0.	0.	0.	0.	0.	0.
229~Link	W	0.	0.	0.	0.	0.	0.
229~Link	Qm-1	0.	0.	0.	0.	0.	0.
229~Link	Qm-2	0.	0.	0.	0.	0.	0.
230~Link	DEAD	0.	0.	0.	0.	0.	0.
230~Link	G1	0.	0.	0.	0.	0.	0.
230~Link	G2	0.	0.	0.	0.	0.	0.
230~Link	Qm	0.	0.	0.	0.	0.	0.
230~Link	Qs	0.	0.	0.	0.	0.	0.
230~Link	T+	0.	0.	0.	0.	0.	0.
230~Link	T-	0.	0.	0.	0.	0.	0.
230~Link	W	0.	0.	0.	0.	0.	0.
230~Link	Qm-1	0.	0.	0.	0.	0.	0.
230~Link	Qm-2	0.	0.	0.	0.	0.	0.
231~Link	DEAD	0.	0.	0.	0.	0.	0.
231~Link	G1	0.	0.	0.	0.	0.	0.
231~Link	G2	0.	0.	0.	0.	0.	0.
231~Link	Qm	0.	0.	0.	0.	0.	0.
231~Link	Qs	0.	0.	0.	0.	0.	0.
231~Link	T+	0.	0.	0.	0.	0.	0.
231~Link	T-	0.	0.	0.	0.	0.	0.
231~Link	W	0.	0.	0.	0.	0.	0.
231~Link	Qm-1	0.	0.	0.	0.	0.	0.
231~Link	Qm-2	0.	0.	0.	0.	0.	0.
232~Link	DEAD	0.	0.	0.	0.	0.	0.
232~Link	G1	0.	0.	0.	0.	0.	0.
232~Link	G2	0.	0.	0.	0.	0.	0.
232~Link	Qm	0.	0.	0.	0.	0.	0.
232~Link	Qs	0.	0.	0.	0.	0.	0.
232~Link	T+	0.	0.	0.	0.	0.	0.
232~Link	T-	0.	0.	0.	0.	0.	0.

Table 24: Joint Displacements

Joint	OutputCase	U1	U2	U3	R1	R2	R3
		mm	mm	mm	Radians	Radians	Radians
232~Link	W	0.	0.	0.	0.	0.	0.
232~Link	Qm-1	0.	0.	0.	0.	0.	0.
232~Link	Qm-2	0.	0.	0.	0.	0.	0.
233~Link	DEAD	0.	0.	0.	0.	0.	0.
233~Link	G1	0.	0.	0.	0.	0.	0.
233~Link	G2	0.	0.	0.	0.	0.	0.
233~Link	Qm	0.	0.	0.	0.	0.	0.
233~Link	Qs	0.	0.	0.	0.	0.	0.
233~Link	T+	0.	0.	0.	0.	0.	0.
233~Link	T-	0.	0.	0.	0.	0.	0.
233~Link	W	0.	0.	0.	0.	0.	0.
233~Link	Qm-1	0.	0.	0.	0.	0.	0.
233~Link	Qm-2	0.	0.	0.	0.	0.	0.
234~Link	DEAD	0.	0.	0.	0.	0.	0.
234~Link	G1	0.	0.	0.	0.	0.	0.
234~Link	G2	0.	0.	0.	0.	0.	0.
234~Link	Qm	0.	0.	0.	0.	0.	0.
234~Link	Qs	0.	0.	0.	0.	0.	0.
234~Link	T+	0.	0.	0.	0.	0.	0.
234~Link	T-	0.	0.	0.	0.	0.	0.
234~Link	W	0.	0.	0.	0.	0.	0.
234~Link	Qm-1	0.	0.	0.	0.	0.	0.
234~Link	Qm-2	0.	0.	0.	0.	0.	0.
235~Link	DEAD	0.	0.	0.	0.	0.	0.
235~Link	G1	0.	0.	0.	0.	0.	0.
235~Link	G2	0.	0.	0.	0.	0.	0.
235~Link	Qm	0.	0.	0.	0.	0.	0.
235~Link	Qs	0.	0.	0.	0.	0.	0.
235~Link	T+	0.	0.	0.	0.	0.	0.
235~Link	T-	0.	0.	0.	0.	0.	0.
235~Link	W	0.	0.	0.	0.	0.	0.
235~Link	Qm-1	0.	0.	0.	0.	0.	0.
235~Link	Qm-2	0.	0.	0.	0.	0.	0.
236~Link	DEAD	0.	0.	0.	0.	0.	0.
236~Link	G1	0.	0.	0.	0.	0.	0.
236~Link	G2	0.	0.	0.	0.	0.	0.
236~Link	Qm	0.	0.	0.	0.	0.	0.
236~Link	Qs	0.	0.	0.	0.	0.	0.
236~Link	T+	0.	0.	0.	0.	0.	0.
236~Link	T-	0.	0.	0.	0.	0.	0.
236~Link	W	0.	0.	0.	0.	0.	0.
236~Link	Qm-1	0.	0.	0.	0.	0.	0.
236~Link	Qm-2	0.	0.	0.	0.	0.	0.
237~Link	DEAD	0.	0.	0.	0.	0.	0.
237~Link	G1	0.	0.	0.	0.	0.	0.
237~Link	G2	0.	0.	0.	0.	0.	0.
237~Link	Qm	0.	0.	0.	0.	0.	0.
237~Link	Qs	0.	0.	0.	0.	0.	0.
237~Link	T+	0.	0.	0.	0.	0.	0.
237~Link	T-	0.	0.	0.	0.	0.	0.
237~Link	W	0.	0.	0.	0.	0.	0.
237~Link	Qm-1	0.	0.	0.	0.	0.	0.
237~Link	Qm-2	0.	0.	0.	0.	0.	0.
238~Link	DEAD	0.	0.	0.	0.	0.	0.

Table 24: Joint Displacements

Joint	OutputCase	U1	U2	U3	R1	R2	R3
		mm	mm	mm	Radians	Radians	Radians
238~Link	G1	0.	0.	0.	0.	0.	0.
238~Link	G2	0.	0.	0.	0.	0.	0.
238~Link	Qm	0.	0.	0.	0.	0.	0.
238~Link	Qs	0.	0.	0.	0.	0.	0.
238~Link	T+	0.	0.	0.	0.	0.	0.
238~Link	T-	0.	0.	0.	0.	0.	0.
238~Link	W	0.	0.	0.	0.	0.	0.
238~Link	Qm-1	0.	0.	0.	0.	0.	0.
238~Link	Qm-2	0.	0.	0.	0.	0.	0.
239~Link	DEAD	0.	0.	0.	0.	0.	0.
239~Link	G1	0.	0.	0.	0.	0.	0.
239~Link	G2	0.	0.	0.	0.	0.	0.
239~Link	Qm	0.	0.	0.	0.	0.	0.
239~Link	Qs	0.	0.	0.	0.	0.	0.
239~Link	T+	0.	0.	0.	0.	0.	0.
239~Link	T-	0.	0.	0.	0.	0.	0.
239~Link	W	0.	0.	0.	0.	0.	0.
239~Link	Qm-1	0.	0.	0.	0.	0.	0.
239~Link	Qm-2	0.	0.	0.	0.	0.	0.
240~Link	DEAD	0.	0.	0.	0.	0.	0.
240~Link	G1	0.	0.	0.	0.	0.	0.
240~Link	G2	0.	0.	0.	0.	0.	0.
240~Link	Qm	0.	0.	0.	0.	0.	0.
240~Link	Qs	0.	0.	0.	0.	0.	0.
240~Link	T+	0.	0.	0.	0.	0.	0.
240~Link	T-	0.	0.	0.	0.	0.	0.
240~Link	W	0.	0.	0.	0.	0.	0.
240~Link	Qm-1	0.	0.	0.	0.	0.	0.
240~Link	Qm-2	0.	0.	0.	0.	0.	0.
242~Link	DEAD	0.	0.	0.	0.	0.	0.
242~Link	G1	0.	0.	0.	0.	0.	0.
242~Link	G2	0.	0.	0.	0.	0.	0.
242~Link	Qm	0.	0.	0.	0.	0.	0.
242~Link	Qs	0.	0.	0.	0.	0.	0.
242~Link	T+	0.	0.	0.	0.	0.	0.
242~Link	T-	0.	0.	0.	0.	0.	0.
242~Link	W	0.	0.	0.	0.	0.	0.
242~Link	Qm-1	0.	0.	0.	0.	0.	0.
242~Link	Qm-2	0.	0.	0.	0.	0.	0.
241~Link	DEAD	0.	0.	0.	0.	0.	0.
241~Link	G1	0.	0.	0.	0.	0.	0.
241~Link	G2	0.	0.	0.	0.	0.	0.
241~Link	Qm	0.	0.	0.	0.	0.	0.
241~Link	Qs	0.	0.	0.	0.	0.	0.
241~Link	T+	0.	0.	0.	0.	0.	0.
241~Link	T-	0.	0.	0.	0.	0.	0.
241~Link	W	0.	0.	0.	0.	0.	0.
241~Link	Qm-1	0.	0.	0.	0.	0.	0.
241~Link	Qm-2	0.	0.	0.	0.	0.	0.
243~Link	DEAD	0.	0.	0.	0.	0.	0.
243~Link	G1	0.	0.	0.	0.	0.	0.
243~Link	G2	0.	0.	0.	0.	0.	0.
243~Link	Qm	0.	0.	0.	0.	0.	0.
243~Link	Qs	0.	0.	0.	0.	0.	0.

Table 24: Joint Displacements

Joint	OutputCase	U1	U2	U3	R1	R2	R3
		mm	mm	mm	Radians	Radians	Radians
243~Link	T+	0.	0.	0.	0.	0.	0.
243~Link	T-	0.	0.	0.	0.	0.	0.
243~Link	W	0.	0.	0.	0.	0.	0.
243~Link	Qm-1	0.	0.	0.	0.	0.	0.
243~Link	Qm-2	0.	0.	0.	0.	0.	0.
244~Link	DEAD	0.	0.	0.	0.	0.	0.
244~Link	G1	0.	0.	0.	0.	0.	0.
244~Link	G2	0.	0.	0.	0.	0.	0.
244~Link	Qm	0.	0.	0.	0.	0.	0.
244~Link	Qs	0.	0.	0.	0.	0.	0.
244~Link	T+	0.	0.	0.	0.	0.	0.
244~Link	T-	0.	0.	0.	0.	0.	0.
244~Link	W	0.	0.	0.	0.	0.	0.
244~Link	Qm-1	0.	0.	0.	0.	0.	0.
244~Link	Qm-2	0.	0.	0.	0.	0.	0.
245~Link	DEAD	0.	0.	0.	0.	0.	0.
245~Link	G1	0.	0.	0.	0.	0.	0.
245~Link	G2	0.	0.	0.	0.	0.	0.
245~Link	Qm	0.	0.	0.	0.	0.	0.
245~Link	Qs	0.	0.	0.	0.	0.	0.
245~Link	T+	0.	0.	0.	0.	0.	0.
245~Link	T-	0.	0.	0.	0.	0.	0.
245~Link	W	0.	0.	0.	0.	0.	0.
245~Link	Qm-1	0.	0.	0.	0.	0.	0.
245~Link	Qm-2	0.	0.	0.	0.	0.	0.
246~Link	DEAD	0.	0.	0.	0.	0.	0.
246~Link	G1	0.	0.	0.	0.	0.	0.
246~Link	G2	0.	0.	0.	0.	0.	0.
246~Link	Qm	0.	0.	0.	0.	0.	0.
246~Link	Qs	0.	0.	0.	0.	0.	0.
246~Link	T+	0.	0.	0.	0.	0.	0.
246~Link	T-	0.	0.	0.	0.	0.	0.
246~Link	W	0.	0.	0.	0.	0.	0.
246~Link	Qm-1	0.	0.	0.	0.	0.	0.
246~Link	Qm-2	0.	0.	0.	0.	0.	0.
247~Link	DEAD	0.	0.	0.	0.	0.	0.
247~Link	G1	0.	0.	0.	0.	0.	0.
247~Link	G2	0.	0.	0.	0.	0.	0.
247~Link	Qm	0.	0.	0.	0.	0.	0.
247~Link	Qs	0.	0.	0.	0.	0.	0.
247~Link	T+	0.	0.	0.	0.	0.	0.
247~Link	T-	0.	0.	0.	0.	0.	0.
247~Link	W	0.	0.	0.	0.	0.	0.
247~Link	Qm-1	0.	0.	0.	0.	0.	0.
247~Link	Qm-2	0.	0.	0.	0.	0.	0.
248~Link	DEAD	0.	0.	0.	0.	0.	0.
248~Link	G1	0.	0.	0.	0.	0.	0.
248~Link	G2	0.	0.	0.	0.	0.	0.
248~Link	Qm	0.	0.	0.	0.	0.	0.
248~Link	Qs	0.	0.	0.	0.	0.	0.
248~Link	T+	0.	0.	0.	0.	0.	0.
248~Link	T-	0.	0.	0.	0.	0.	0.
248~Link	W	0.	0.	0.	0.	0.	0.
248~Link	Qm-1	0.	0.	0.	0.	0.	0.

Table 24: Joint Displacements

Joint	OutputCase	U1	U2	U3	R1	R2	R3
		mm	mm	mm	Radians	Radians	Radians
248~Link	Qm-2	0.	0.	0.	0.	0.	0.
249~Link	DEAD	0.	0.	0.	0.	0.	0.
249~Link	G1	0.	0.	0.	0.	0.	0.
249~Link	G2	0.	0.	0.	0.	0.	0.
249~Link	Qm	0.	0.	0.	0.	0.	0.
249~Link	Qs	0.	0.	0.	0.	0.	0.
249~Link	T+	0.	0.	0.	0.	0.	0.
249~Link	T-	0.	0.	0.	0.	0.	0.
249~Link	W	0.	0.	0.	0.	0.	0.
249~Link	Qm-1	0.	0.	0.	0.	0.	0.
249~Link	Qm-2	0.	0.	0.	0.	0.	0.
250~Link	DEAD	0.	0.	0.	0.	0.	0.
250~Link	G1	0.	0.	0.	0.	0.	0.
250~Link	G2	0.	0.	0.	0.	0.	0.
250~Link	Qm	0.	0.	0.	0.	0.	0.
250~Link	Qs	0.	0.	0.	0.	0.	0.
250~Link	T+	0.	0.	0.	0.	0.	0.
250~Link	T-	0.	0.	0.	0.	0.	0.
250~Link	W	0.	0.	0.	0.	0.	0.
250~Link	Qm-1	0.	0.	0.	0.	0.	0.
250~Link	Qm-2	0.	0.	0.	0.	0.	0.
251~Link	DEAD	0.	0.	0.	0.	0.	0.
251~Link	G1	0.	0.	0.	0.	0.	0.
251~Link	G2	0.	0.	0.	0.	0.	0.
251~Link	Qm	0.	0.	0.	0.	0.	0.
251~Link	Qs	0.	0.	0.	0.	0.	0.
251~Link	T+	0.	0.	0.	0.	0.	0.
251~Link	T-	0.	0.	0.	0.	0.	0.
251~Link	W	0.	0.	0.	0.	0.	0.
251~Link	Qm-1	0.	0.	0.	0.	0.	0.
251~Link	Qm-2	0.	0.	0.	0.	0.	0.
252~Link	DEAD	0.	0.	0.	0.	0.	0.
252~Link	G1	0.	0.	0.	0.	0.	0.
252~Link	G2	0.	0.	0.	0.	0.	0.
252~Link	Qm	0.	0.	0.	0.	0.	0.
252~Link	Qs	0.	0.	0.	0.	0.	0.
252~Link	T+	0.	0.	0.	0.	0.	0.
252~Link	T-	0.	0.	0.	0.	0.	0.
252~Link	W	0.	0.	0.	0.	0.	0.
252~Link	Qm-1	0.	0.	0.	0.	0.	0.
252~Link	Qm-2	0.	0.	0.	0.	0.	0.
253~Link	DEAD	0.	0.	0.	0.	0.	0.
253~Link	G1	0.	0.	0.	0.	0.	0.
253~Link	G2	0.	0.	0.	0.	0.	0.
253~Link	Qm	0.	0.	0.	0.	0.	0.
253~Link	Qs	0.	0.	0.	0.	0.	0.
253~Link	T+	0.	0.	0.	0.	0.	0.
253~Link	T-	0.	0.	0.	0.	0.	0.
253~Link	W	0.	0.	0.	0.	0.	0.
253~Link	Qm-1	0.	0.	0.	0.	0.	0.
253~Link	Qm-2	0.	0.	0.	0.	0.	0.
254~Link	DEAD	0.	0.	0.	0.	0.	0.
254~Link	G1	0.	0.	0.	0.	0.	0.
254~Link	G2	0.	0.	0.	0.	0.	0.

Table 24: Joint Displacements

Joint	OutputCase	U1	U2	U3	R1	R2	R3
		mm	mm	mm	Radians	Radians	Radians
254~Link	Qm	0.	0.	0.	0.	0.	0.
254~Link	Qs	0.	0.	0.	0.	0.	0.
254~Link	T+	0.	0.	0.	0.	0.	0.
254~Link	T-	0.	0.	0.	0.	0.	0.
254~Link	W	0.	0.	0.	0.	0.	0.
254~Link	Qm-1	0.	0.	0.	0.	0.	0.
254~Link	Qm-2	0.	0.	0.	0.	0.	0.
255~Link	DEAD	0.	0.	0.	0.	0.	0.
255~Link	G1	0.	0.	0.	0.	0.	0.
255~Link	G2	0.	0.	0.	0.	0.	0.
255~Link	Qm	0.	0.	0.	0.	0.	0.
255~Link	Qs	0.	0.	0.	0.	0.	0.
255~Link	T+	0.	0.	0.	0.	0.	0.
255~Link	T-	0.	0.	0.	0.	0.	0.
255~Link	W	0.	0.	0.	0.	0.	0.
255~Link	Qm-1	0.	0.	0.	0.	0.	0.
255~Link	Qm-2	0.	0.	0.	0.	0.	0.
256~Link	DEAD	0.	0.	0.	0.	0.	0.
256~Link	G1	0.	0.	0.	0.	0.	0.
256~Link	G2	0.	0.	0.	0.	0.	0.
256~Link	Qm	0.	0.	0.	0.	0.	0.
256~Link	Qs	0.	0.	0.	0.	0.	0.
256~Link	T+	0.	0.	0.	0.	0.	0.
256~Link	T-	0.	0.	0.	0.	0.	0.
256~Link	W	0.	0.	0.	0.	0.	0.
256~Link	Qm-1	0.	0.	0.	0.	0.	0.
256~Link	Qm-2	0.	0.	0.	0.	0.	0.
257~Link	DEAD	0.	0.	0.	0.	0.	0.
257~Link	G1	0.	0.	0.	0.	0.	0.
257~Link	G2	0.	0.	0.	0.	0.	0.
257~Link	Qm	0.	0.	0.	0.	0.	0.
257~Link	Qs	0.	0.	0.	0.	0.	0.
257~Link	T+	0.	0.	0.	0.	0.	0.
257~Link	T-	0.	0.	0.	0.	0.	0.
257~Link	W	0.	0.	0.	0.	0.	0.
257~Link	Qm-1	0.	0.	0.	0.	0.	0.
257~Link	Qm-2	0.	0.	0.	0.	0.	0.
258~Link	DEAD	0.	0.	0.	0.	0.	0.
258~Link	G1	0.	0.	0.	0.	0.	0.
258~Link	G2	0.	0.	0.	0.	0.	0.
258~Link	Qm	0.	0.	0.	0.	0.	0.
258~Link	Qs	0.	0.	0.	0.	0.	0.
258~Link	T+	0.	0.	0.	0.	0.	0.
258~Link	T-	0.	0.	0.	0.	0.	0.
258~Link	W	0.	0.	0.	0.	0.	0.
258~Link	Qm-1	0.	0.	0.	0.	0.	0.
258~Link	Qm-2	0.	0.	0.	0.	0.	0.
259~Link	DEAD	0.	0.	0.	0.	0.	0.
259~Link	G1	0.	0.	0.	0.	0.	0.
259~Link	G2	0.	0.	0.	0.	0.	0.
259~Link	Qm	0.	0.	0.	0.	0.	0.
259~Link	Qs	0.	0.	0.	0.	0.	0.
259~Link	T+	0.	0.	0.	0.	0.	0.
259~Link	T-	0.	0.	0.	0.	0.	0.

Table 24: Joint Displacements

Joint	OutputCase	U1	U2	U3	R1	R2	R3
		mm	mm	mm	Radians	Radians	Radians
259~Link	W	0.	0.	0.	0.	0.	0.
259~Link	Qm-1	0.	0.	0.	0.	0.	0.
259~Link	Qm-2	0.	0.	0.	0.	0.	0.
260~Link	DEAD	0.	0.	0.	0.	0.	0.
260~Link	G1	0.	0.	0.	0.	0.	0.
260~Link	G2	0.	0.	0.	0.	0.	0.
260~Link	Qm	0.	0.	0.	0.	0.	0.
260~Link	Qs	0.	0.	0.	0.	0.	0.
260~Link	T+	0.	0.	0.	0.	0.	0.
260~Link	T-	0.	0.	0.	0.	0.	0.
260~Link	W	0.	0.	0.	0.	0.	0.
260~Link	Qm-1	0.	0.	0.	0.	0.	0.
260~Link	Qm-2	0.	0.	0.	0.	0.	0.
261~Link	DEAD	0.	0.	0.	0.	0.	0.
261~Link	G1	0.	0.	0.	0.	0.	0.
261~Link	G2	0.	0.	0.	0.	0.	0.
261~Link	Qm	0.	0.	0.	0.	0.	0.
261~Link	Qs	0.	0.	0.	0.	0.	0.
261~Link	T+	0.	0.	0.	0.	0.	0.
261~Link	T-	0.	0.	0.	0.	0.	0.
261~Link	W	0.	0.	0.	0.	0.	0.
261~Link	Qm-1	0.	0.	0.	0.	0.	0.
261~Link	Qm-2	0.	0.	0.	0.	0.	0.
262~Link	DEAD	0.	0.	0.	0.	0.	0.
262~Link	G1	0.	0.	0.	0.	0.	0.
262~Link	G2	0.	0.	0.	0.	0.	0.
262~Link	Qm	0.	0.	0.	0.	0.	0.
262~Link	Qs	0.	0.	0.	0.	0.	0.
262~Link	T+	0.	0.	0.	0.	0.	0.
262~Link	T-	0.	0.	0.	0.	0.	0.
262~Link	W	0.	0.	0.	0.	0.	0.
262~Link	Qm-1	0.	0.	0.	0.	0.	0.
262~Link	Qm-2	0.	0.	0.	0.	0.	0.
263~Link	DEAD	0.	0.	0.	0.	0.	0.
263~Link	G1	0.	0.	0.	0.	0.	0.
263~Link	G2	0.	0.	0.	0.	0.	0.
263~Link	Qm	0.	0.	0.	0.	0.	0.
263~Link	Qs	0.	0.	0.	0.	0.	0.
263~Link	T+	0.	0.	0.	0.	0.	0.
263~Link	T-	0.	0.	0.	0.	0.	0.
263~Link	W	0.	0.	0.	0.	0.	0.
263~Link	Qm-1	0.	0.	0.	0.	0.	0.
263~Link	Qm-2	0.	0.	0.	0.	0.	0.
264~Link	DEAD	0.	0.	0.	0.	0.	0.
264~Link	G1	0.	0.	0.	0.	0.	0.
264~Link	G2	0.	0.	0.	0.	0.	0.
264~Link	Qm	0.	0.	0.	0.	0.	0.
264~Link	Qs	0.	0.	0.	0.	0.	0.
264~Link	T+	0.	0.	0.	0.	0.	0.
264~Link	T-	0.	0.	0.	0.	0.	0.
264~Link	W	0.	0.	0.	0.	0.	0.
264~Link	Qm-1	0.	0.	0.	0.	0.	0.
264~Link	Qm-2	0.	0.	0.	0.	0.	0.
265~Link	DEAD	0.	0.	0.	0.	0.	0.

Table 24: Joint Displacements

Joint	OutputCase	U1	U2	U3	R1	R2	R3
		mm	mm	mm	Radians	Radians	Radians
265~Link	G1	0.	0.	0.	0.	0.	0.
265~Link	G2	0.	0.	0.	0.	0.	0.
265~Link	Qm	0.	0.	0.	0.	0.	0.
265~Link	Qs	0.	0.	0.	0.	0.	0.
265~Link	T+	0.	0.	0.	0.	0.	0.
265~Link	T-	0.	0.	0.	0.	0.	0.
265~Link	W	0.	0.	0.	0.	0.	0.
265~Link	Qm-1	0.	0.	0.	0.	0.	0.
265~Link	Qm-2	0.	0.	0.	0.	0.	0.
266~Link	DEAD	0.	0.	0.	0.	0.	0.
266~Link	G1	0.	0.	0.	0.	0.	0.
266~Link	G2	0.	0.	0.	0.	0.	0.
266~Link	Qm	0.	0.	0.	0.	0.	0.
266~Link	Qs	0.	0.	0.	0.	0.	0.
266~Link	T+	0.	0.	0.	0.	0.	0.
266~Link	T-	0.	0.	0.	0.	0.	0.
266~Link	W	0.	0.	0.	0.	0.	0.
266~Link	Qm-1	0.	0.	0.	0.	0.	0.
266~Link	Qm-2	0.	0.	0.	0.	0.	0.
268~Link	DEAD	0.	0.	0.	0.	0.	0.
268~Link	G1	0.	0.	0.	0.	0.	0.
268~Link	G2	0.	0.	0.	0.	0.	0.
268~Link	Qm	0.	0.	0.	0.	0.	0.
268~Link	Qs	0.	0.	0.	0.	0.	0.
268~Link	T+	0.	0.	0.	0.	0.	0.
268~Link	T-	0.	0.	0.	0.	0.	0.
268~Link	W	0.	0.	0.	0.	0.	0.
268~Link	Qm-1	0.	0.	0.	0.	0.	0.
268~Link	Qm-2	0.	0.	0.	0.	0.	0.
267~Link	DEAD	0.	0.	0.	0.	0.	0.
267~Link	G1	0.	0.	0.	0.	0.	0.
267~Link	G2	0.	0.	0.	0.	0.	0.
267~Link	Qm	0.	0.	0.	0.	0.	0.
267~Link	Qs	0.	0.	0.	0.	0.	0.
267~Link	T+	0.	0.	0.	0.	0.	0.
267~Link	T-	0.	0.	0.	0.	0.	0.
267~Link	W	0.	0.	0.	0.	0.	0.
267~Link	Qm-1	0.	0.	0.	0.	0.	0.
267~Link	Qm-2	0.	0.	0.	0.	0.	0.
269~Link	DEAD	0.	0.	0.	0.	0.	0.
269~Link	G1	0.	0.	0.	0.	0.	0.
269~Link	G2	0.	0.	0.	0.	0.	0.
269~Link	Qm	0.	0.	0.	0.	0.	0.
269~Link	Qs	0.	0.	0.	0.	0.	0.
269~Link	T+	0.	0.	0.	0.	0.	0.
269~Link	T-	0.	0.	0.	0.	0.	0.
269~Link	W	0.	0.	0.	0.	0.	0.
269~Link	Qm-1	0.	0.	0.	0.	0.	0.
269~Link	Qm-2	0.	0.	0.	0.	0.	0.
270~Link	DEAD	0.	0.	0.	0.	0.	0.
270~Link	G1	0.	0.	0.	0.	0.	0.
270~Link	G2	0.	0.	0.	0.	0.	0.
270~Link	Qm	0.	0.	0.	0.	0.	0.
270~Link	Qs	0.	0.	0.	0.	0.	0.

Table 24: Joint Displacements

Joint	OutputCase	U1	U2	U3	R1	R2	R3
		mm	mm	mm	Radians	Radians	Radians
270~Link	T+	0.	0.	0.	0.	0.	0.
270~Link	T-	0.	0.	0.	0.	0.	0.
270~Link	W	0.	0.	0.	0.	0.	0.
270~Link	Qm-1	0.	0.	0.	0.	0.	0.
270~Link	Qm-2	0.	0.	0.	0.	0.	0.
271~Link	DEAD	0.	0.	0.	0.	0.	0.
271~Link	G1	0.	0.	0.	0.	0.	0.
271~Link	G2	0.	0.	0.	0.	0.	0.
271~Link	Qm	0.	0.	0.	0.	0.	0.
271~Link	Qs	0.	0.	0.	0.	0.	0.
271~Link	T+	0.	0.	0.	0.	0.	0.
271~Link	T-	0.	0.	0.	0.	0.	0.
271~Link	W	0.	0.	0.	0.	0.	0.
271~Link	Qm-1	0.	0.	0.	0.	0.	0.
271~Link	Qm-2	0.	0.	0.	0.	0.	0.
272~Link	DEAD	0.	0.	0.	0.	0.	0.
272~Link	G1	0.	0.	0.	0.	0.	0.
272~Link	G2	0.	0.	0.	0.	0.	0.
272~Link	Qm	0.	0.	0.	0.	0.	0.
272~Link	Qs	0.	0.	0.	0.	0.	0.
272~Link	T+	0.	0.	0.	0.	0.	0.
272~Link	T-	0.	0.	0.	0.	0.	0.
272~Link	W	0.	0.	0.	0.	0.	0.
272~Link	Qm-1	0.	0.	0.	0.	0.	0.
272~Link	Qm-2	0.	0.	0.	0.	0.	0.
273~Link	DEAD	0.	0.	0.	0.	0.	0.
273~Link	G1	0.	0.	0.	0.	0.	0.
273~Link	G2	0.	0.	0.	0.	0.	0.
273~Link	Qm	0.	0.	0.	0.	0.	0.
273~Link	Qs	0.	0.	0.	0.	0.	0.
273~Link	T+	0.	0.	0.	0.	0.	0.
273~Link	T-	0.	0.	0.	0.	0.	0.
273~Link	W	0.	0.	0.	0.	0.	0.
273~Link	Qm-1	0.	0.	0.	0.	0.	0.
273~Link	Qm-2	0.	0.	0.	0.	0.	0.
274~Link	DEAD	0.	0.	0.	0.	0.	0.
274~Link	G1	0.	0.	0.	0.	0.	0.
274~Link	G2	0.	0.	0.	0.	0.	0.
274~Link	Qm	0.	0.	0.	0.	0.	0.
274~Link	Qs	0.	0.	0.	0.	0.	0.
274~Link	T+	0.	0.	0.	0.	0.	0.
274~Link	T-	0.	0.	0.	0.	0.	0.
274~Link	W	0.	0.	0.	0.	0.	0.
274~Link	Qm-1	0.	0.	0.	0.	0.	0.
274~Link	Qm-2	0.	0.	0.	0.	0.	0.
275~Link	DEAD	0.	0.	0.	0.	0.	0.
275~Link	G1	0.	0.	0.	0.	0.	0.
275~Link	G2	0.	0.	0.	0.	0.	0.
275~Link	Qm	0.	0.	0.	0.	0.	0.
275~Link	Qs	0.	0.	0.	0.	0.	0.
275~Link	T+	0.	0.	0.	0.	0.	0.
275~Link	T-	0.	0.	0.	0.	0.	0.
275~Link	W	0.	0.	0.	0.	0.	0.
275~Link	Qm-1	0.	0.	0.	0.	0.	0.

Table 24: Joint Displacements

Joint	OutputCase	U1	U2	U3	R1	R2	R3
		mm	mm	mm	Radians	Radians	Radians
275~Link	Qm-2	0.	0.	0.	0.	0.	0.
276~Link	DEAD	0.	0.	0.	0.	0.	0.
276~Link	G1	0.	0.	0.	0.	0.	0.
276~Link	G2	0.	0.	0.	0.	0.	0.
276~Link	Qm	0.	0.	0.	0.	0.	0.
276~Link	Qs	0.	0.	0.	0.	0.	0.
276~Link	T+	0.	0.	0.	0.	0.	0.
276~Link	T-	0.	0.	0.	0.	0.	0.
276~Link	W	0.	0.	0.	0.	0.	0.
276~Link	Qm-1	0.	0.	0.	0.	0.	0.
276~Link	Qm-2	0.	0.	0.	0.	0.	0.
277~Link	DEAD	0.	0.	0.	0.	0.	0.
277~Link	G1	0.	0.	0.	0.	0.	0.
277~Link	G2	0.	0.	0.	0.	0.	0.
277~Link	Qm	0.	0.	0.	0.	0.	0.
277~Link	Qs	0.	0.	0.	0.	0.	0.
277~Link	T+	0.	0.	0.	0.	0.	0.
277~Link	T-	0.	0.	0.	0.	0.	0.
277~Link	W	0.	0.	0.	0.	0.	0.
277~Link	Qm-1	0.	0.	0.	0.	0.	0.
277~Link	Qm-2	0.	0.	0.	0.	0.	0.
278~Link	DEAD	0.	0.	0.	0.	0.	0.
278~Link	G1	0.	0.	0.	0.	0.	0.
278~Link	G2	0.	0.	0.	0.	0.	0.
278~Link	Qm	0.	0.	0.	0.	0.	0.
278~Link	Qs	0.	0.	0.	0.	0.	0.
278~Link	T+	0.	0.	0.	0.	0.	0.
278~Link	T-	0.	0.	0.	0.	0.	0.
278~Link	W	0.	0.	0.	0.	0.	0.
278~Link	Qm-1	0.	0.	0.	0.	0.	0.
278~Link	Qm-2	0.	0.	0.	0.	0.	0.
279~Link	DEAD	0.	0.	0.	0.	0.	0.
279~Link	G1	0.	0.	0.	0.	0.	0.
279~Link	G2	0.	0.	0.	0.	0.	0.
279~Link	Qm	0.	0.	0.	0.	0.	0.
279~Link	Qs	0.	0.	0.	0.	0.	0.
279~Link	T+	0.	0.	0.	0.	0.	0.
279~Link	T-	0.	0.	0.	0.	0.	0.
279~Link	W	0.	0.	0.	0.	0.	0.
279~Link	Qm-1	0.	0.	0.	0.	0.	0.
279~Link	Qm-2	0.	0.	0.	0.	0.	0.
280~Link	DEAD	0.	0.	0.	0.	0.	0.
280~Link	G1	0.	0.	0.	0.	0.	0.
280~Link	G2	0.	0.	0.	0.	0.	0.
280~Link	Qm	0.	0.	0.	0.	0.	0.
280~Link	Qs	0.	0.	0.	0.	0.	0.
280~Link	T+	0.	0.	0.	0.	0.	0.
280~Link	T-	0.	0.	0.	0.	0.	0.
280~Link	W	0.	0.	0.	0.	0.	0.
280~Link	Qm-1	0.	0.	0.	0.	0.	0.
280~Link	Qm-2	0.	0.	0.	0.	0.	0.
281~Link	DEAD	0.	0.	0.	0.	0.	0.
281~Link	G1	0.	0.	0.	0.	0.	0.
281~Link	G2	0.	0.	0.	0.	0.	0.

Table 24: Joint Displacements

Joint	OutputCase	U1	U2	U3	R1	R2	R3
		mm	mm	mm	Radians	Radians	Radians
281~Link	Qm	0.	0.	0.	0.	0.	0.
281~Link	Qs	0.	0.	0.	0.	0.	0.
281~Link	T+	0.	0.	0.	0.	0.	0.
281~Link	T-	0.	0.	0.	0.	0.	0.
281~Link	W	0.	0.	0.	0.	0.	0.
281~Link	Qm-1	0.	0.	0.	0.	0.	0.
281~Link	Qm-2	0.	0.	0.	0.	0.	0.
282~Link	DEAD	0.	0.	0.	0.	0.	0.
282~Link	G1	0.	0.	0.	0.	0.	0.
282~Link	G2	0.	0.	0.	0.	0.	0.
282~Link	Qm	0.	0.	0.	0.	0.	0.
282~Link	Qs	0.	0.	0.	0.	0.	0.
282~Link	T+	0.	0.	0.	0.	0.	0.
282~Link	T-	0.	0.	0.	0.	0.	0.
282~Link	W	0.	0.	0.	0.	0.	0.
282~Link	Qm-1	0.	0.	0.	0.	0.	0.
282~Link	Qm-2	0.	0.	0.	0.	0.	0.
283~Link	DEAD	0.	0.	0.	0.	0.	0.
283~Link	G1	0.	0.	0.	0.	0.	0.
283~Link	G2	0.	0.	0.	0.	0.	0.
283~Link	Qm	0.	0.	0.	0.	0.	0.
283~Link	Qs	0.	0.	0.	0.	0.	0.
283~Link	T+	0.	0.	0.	0.	0.	0.
283~Link	T-	0.	0.	0.	0.	0.	0.
283~Link	W	0.	0.	0.	0.	0.	0.
283~Link	Qm-1	0.	0.	0.	0.	0.	0.
283~Link	Qm-2	0.	0.	0.	0.	0.	0.
284~Link	DEAD	0.	0.	0.	0.	0.	0.
284~Link	G1	0.	0.	0.	0.	0.	0.
284~Link	G2	0.	0.	0.	0.	0.	0.
284~Link	Qm	0.	0.	0.	0.	0.	0.
284~Link	Qs	0.	0.	0.	0.	0.	0.
284~Link	T+	0.	0.	0.	0.	0.	0.
284~Link	T-	0.	0.	0.	0.	0.	0.
284~Link	W	0.	0.	0.	0.	0.	0.
284~Link	Qm-1	0.	0.	0.	0.	0.	0.
284~Link	Qm-2	0.	0.	0.	0.	0.	0.
285~Link	DEAD	0.	0.	0.	0.	0.	0.
285~Link	G1	0.	0.	0.	0.	0.	0.
285~Link	G2	0.	0.	0.	0.	0.	0.
285~Link	Qm	0.	0.	0.	0.	0.	0.
285~Link	Qs	0.	0.	0.	0.	0.	0.
285~Link	T+	0.	0.	0.	0.	0.	0.
285~Link	T-	0.	0.	0.	0.	0.	0.
285~Link	W	0.	0.	0.	0.	0.	0.
285~Link	Qm-1	0.	0.	0.	0.	0.	0.
285~Link	Qm-2	0.	0.	0.	0.	0.	0.
286~Link	DEAD	0.	0.	0.	0.	0.	0.
286~Link	G1	0.	0.	0.	0.	0.	0.
286~Link	G2	0.	0.	0.	0.	0.	0.
286~Link	Qm	0.	0.	0.	0.	0.	0.
286~Link	Qs	0.	0.	0.	0.	0.	0.
286~Link	T+	0.	0.	0.	0.	0.	0.
286~Link	T-	0.	0.	0.	0.	0.	0.

Table 24: Joint Displacements

Joint	OutputCase	U1	U2	U3	R1	R2	R3
		mm	mm	mm	Radians	Radians	Radians
286~Link	W	0.	0.	0.	0.	0.	0.
286~Link	Qm-1	0.	0.	0.	0.	0.	0.
286~Link	Qm-2	0.	0.	0.	0.	0.	0.
287~Link	DEAD	0.	0.	0.	0.	0.	0.
287~Link	G1	0.	0.	0.	0.	0.	0.
287~Link	G2	0.	0.	0.	0.	0.	0.
287~Link	Qm	0.	0.	0.	0.	0.	0.
287~Link	Qs	0.	0.	0.	0.	0.	0.
287~Link	T+	0.	0.	0.	0.	0.	0.
287~Link	T-	0.	0.	0.	0.	0.	0.
287~Link	W	0.	0.	0.	0.	0.	0.
287~Link	Qm-1	0.	0.	0.	0.	0.	0.
287~Link	Qm-2	0.	0.	0.	0.	0.	0.
288~Link	DEAD	0.	0.	0.	0.	0.	0.
288~Link	G1	0.	0.	0.	0.	0.	0.
288~Link	G2	0.	0.	0.	0.	0.	0.
288~Link	Qm	0.	0.	0.	0.	0.	0.
288~Link	Qs	0.	0.	0.	0.	0.	0.
288~Link	T+	0.	0.	0.	0.	0.	0.
288~Link	T-	0.	0.	0.	0.	0.	0.
288~Link	W	0.	0.	0.	0.	0.	0.
288~Link	Qm-1	0.	0.	0.	0.	0.	0.
288~Link	Qm-2	0.	0.	0.	0.	0.	0.
289~Link	DEAD	0.	0.	0.	0.	0.	0.
289~Link	G1	0.	0.	0.	0.	0.	0.
289~Link	G2	0.	0.	0.	0.	0.	0.
289~Link	Qm	0.	0.	0.	0.	0.	0.
289~Link	Qs	0.	0.	0.	0.	0.	0.
289~Link	T+	0.	0.	0.	0.	0.	0.
289~Link	T-	0.	0.	0.	0.	0.	0.
289~Link	W	0.	0.	0.	0.	0.	0.
289~Link	Qm-1	0.	0.	0.	0.	0.	0.
289~Link	Qm-2	0.	0.	0.	0.	0.	0.
290~Link	DEAD	0.	0.	0.	0.	0.	0.
290~Link	G1	0.	0.	0.	0.	0.	0.
290~Link	G2	0.	0.	0.	0.	0.	0.
290~Link	Qm	0.	0.	0.	0.	0.	0.
290~Link	Qs	0.	0.	0.	0.	0.	0.
290~Link	T+	0.	0.	0.	0.	0.	0.
290~Link	T-	0.	0.	0.	0.	0.	0.
290~Link	W	0.	0.	0.	0.	0.	0.
290~Link	Qm-1	0.	0.	0.	0.	0.	0.
290~Link	Qm-2	0.	0.	0.	0.	0.	0.
291~Link	DEAD	0.	0.	0.	0.	0.	0.
291~Link	G1	0.	0.	0.	0.	0.	0.
291~Link	G2	0.	0.	0.	0.	0.	0.
291~Link	Qm	0.	0.	0.	0.	0.	0.
291~Link	Qs	0.	0.	0.	0.	0.	0.
291~Link	T+	0.	0.	0.	0.	0.	0.
291~Link	T-	0.	0.	0.	0.	0.	0.
291~Link	W	0.	0.	0.	0.	0.	0.
291~Link	Qm-1	0.	0.	0.	0.	0.	0.
291~Link	Qm-2	0.	0.	0.	0.	0.	0.
292~Link	DEAD	0.	0.	0.	0.	0.	0.

Table 24: Joint Displacements

Joint	OutputCase	U1	U2	U3	R1	R2	R3
		mm	mm	mm	Radians	Radians	Radians
292~Link	G1	0.	0.	0.	0.	0.	0.
292~Link	G2	0.	0.	0.	0.	0.	0.
292~Link	Qm	0.	0.	0.	0.	0.	0.
292~Link	Qs	0.	0.	0.	0.	0.	0.
292~Link	T+	0.	0.	0.	0.	0.	0.
292~Link	T-	0.	0.	0.	0.	0.	0.
292~Link	W	0.	0.	0.	0.	0.	0.
292~Link	Qm-1	0.	0.	0.	0.	0.	0.
292~Link	Qm-2	0.	0.	0.	0.	0.	0.
294~Link	DEAD	0.	0.	0.	0.	0.	0.
294~Link	G1	0.	0.	0.	0.	0.	0.
294~Link	G2	0.	0.	0.	0.	0.	0.
294~Link	Qm	0.	0.	0.	0.	0.	0.
294~Link	Qs	0.	0.	0.	0.	0.	0.
294~Link	T+	0.	0.	0.	0.	0.	0.
294~Link	T-	0.	0.	0.	0.	0.	0.
294~Link	W	0.	0.	0.	0.	0.	0.
294~Link	Qm-1	0.	0.	0.	0.	0.	0.
294~Link	Qm-2	0.	0.	0.	0.	0.	0.
293~Link	DEAD	0.	0.	0.	0.	0.	0.
293~Link	G1	0.	0.	0.	0.	0.	0.
293~Link	G2	0.	0.	0.	0.	0.	0.
293~Link	Qm	0.	0.	0.	0.	0.	0.
293~Link	Qs	0.	0.	0.	0.	0.	0.
293~Link	T+	0.	0.	0.	0.	0.	0.
293~Link	T-	0.	0.	0.	0.	0.	0.
293~Link	W	0.	0.	0.	0.	0.	0.
293~Link	Qm-1	0.	0.	0.	0.	0.	0.
293~Link	Qm-2	0.	0.	0.	0.	0.	0.
295~Link	DEAD	0.	0.	0.	0.	0.	0.
295~Link	G1	0.	0.	0.	0.	0.	0.
295~Link	G2	0.	0.	0.	0.	0.	0.
295~Link	Qm	0.	0.	0.	0.	0.	0.
295~Link	Qs	0.	0.	0.	0.	0.	0.
295~Link	T+	0.	0.	0.	0.	0.	0.
295~Link	T-	0.	0.	0.	0.	0.	0.
295~Link	W	0.	0.	0.	0.	0.	0.
295~Link	Qm-1	0.	0.	0.	0.	0.	0.
295~Link	Qm-2	0.	0.	0.	0.	0.	0.
296~Link	DEAD	0.	0.	0.	0.	0.	0.
296~Link	G1	0.	0.	0.	0.	0.	0.
296~Link	G2	0.	0.	0.	0.	0.	0.
296~Link	Qm	0.	0.	0.	0.	0.	0.
296~Link	Qs	0.	0.	0.	0.	0.	0.
296~Link	T+	0.	0.	0.	0.	0.	0.
296~Link	T-	0.	0.	0.	0.	0.	0.
296~Link	W	0.	0.	0.	0.	0.	0.
296~Link	Qm-1	0.	0.	0.	0.	0.	0.
296~Link	Qm-2	0.	0.	0.	0.	0.	0.
297~Link	DEAD	0.	0.	0.	0.	0.	0.
297~Link	G1	0.	0.	0.	0.	0.	0.
297~Link	G2	0.	0.	0.	0.	0.	0.
297~Link	Qm	0.	0.	0.	0.	0.	0.
297~Link	Qs	0.	0.	0.	0.	0.	0.

Table 24: Joint Displacements

Joint	OutputCase	U1	U2	U3	R1	R2	R3
		mm	mm	mm	Radians	Radians	Radians
297~Link	T+	0.	0.	0.	0.	0.	0.
297~Link	T-	0.	0.	0.	0.	0.	0.
297~Link	W	0.	0.	0.	0.	0.	0.
297~Link	Qm-1	0.	0.	0.	0.	0.	0.
297~Link	Qm-2	0.	0.	0.	0.	0.	0.
298~Link	DEAD	0.	0.	0.	0.	0.	0.
298~Link	G1	0.	0.	0.	0.	0.	0.
298~Link	G2	0.	0.	0.	0.	0.	0.
298~Link	Qm	0.	0.	0.	0.	0.	0.
298~Link	Qs	0.	0.	0.	0.	0.	0.
298~Link	T+	0.	0.	0.	0.	0.	0.
298~Link	T-	0.	0.	0.	0.	0.	0.
298~Link	W	0.	0.	0.	0.	0.	0.
298~Link	Qm-1	0.	0.	0.	0.	0.	0.
298~Link	Qm-2	0.	0.	0.	0.	0.	0.
299~Link	DEAD	0.	0.	0.	0.	0.	0.
299~Link	G1	0.	0.	0.	0.	0.	0.
299~Link	G2	0.	0.	0.	0.	0.	0.
299~Link	Qm	0.	0.	0.	0.	0.	0.
299~Link	Qs	0.	0.	0.	0.	0.	0.
299~Link	T+	0.	0.	0.	0.	0.	0.
299~Link	T-	0.	0.	0.	0.	0.	0.
299~Link	W	0.	0.	0.	0.	0.	0.
299~Link	Qm-1	0.	0.	0.	0.	0.	0.
299~Link	Qm-2	0.	0.	0.	0.	0.	0.
300~Link	DEAD	0.	0.	0.	0.	0.	0.
300~Link	G1	0.	0.	0.	0.	0.	0.
300~Link	G2	0.	0.	0.	0.	0.	0.
300~Link	Qm	0.	0.	0.	0.	0.	0.
300~Link	Qs	0.	0.	0.	0.	0.	0.
300~Link	T+	0.	0.	0.	0.	0.	0.
300~Link	T-	0.	0.	0.	0.	0.	0.
300~Link	W	0.	0.	0.	0.	0.	0.
300~Link	Qm-1	0.	0.	0.	0.	0.	0.
300~Link	Qm-2	0.	0.	0.	0.	0.	0.
301~Link	DEAD	0.	0.	0.	0.	0.	0.
301~Link	G1	0.	0.	0.	0.	0.	0.
301~Link	G2	0.	0.	0.	0.	0.	0.
301~Link	Qm	0.	0.	0.	0.	0.	0.
301~Link	Qs	0.	0.	0.	0.	0.	0.
301~Link	T+	0.	0.	0.	0.	0.	0.
301~Link	T-	0.	0.	0.	0.	0.	0.
301~Link	W	0.	0.	0.	0.	0.	0.
301~Link	Qm-1	0.	0.	0.	0.	0.	0.
301~Link	Qm-2	0.	0.	0.	0.	0.	0.
302~Link	DEAD	0.	0.	0.	0.	0.	0.
302~Link	G1	0.	0.	0.	0.	0.	0.
302~Link	G2	0.	0.	0.	0.	0.	0.
302~Link	Qm	0.	0.	0.	0.	0.	0.
302~Link	Qs	0.	0.	0.	0.	0.	0.
302~Link	T+	0.	0.	0.	0.	0.	0.
302~Link	T-	0.	0.	0.	0.	0.	0.
302~Link	W	0.	0.	0.	0.	0.	0.
302~Link	Qm-1	0.	0.	0.	0.	0.	0.

Table 24: Joint Displacements

Joint	OutputCase	U1	U2	U3	R1	R2	R3
		mm	mm	mm	Radians	Radians	Radians
302~Link	Qm-2	0.	0.	0.	0.	0.	0.
303~Link	DEAD	0.	0.	0.	0.	0.	0.
303~Link	G1	0.	0.	0.	0.	0.	0.
303~Link	G2	0.	0.	0.	0.	0.	0.
303~Link	Qm	0.	0.	0.	0.	0.	0.
303~Link	Qs	0.	0.	0.	0.	0.	0.
303~Link	T+	0.	0.	0.	0.	0.	0.
303~Link	T-	0.	0.	0.	0.	0.	0.
303~Link	W	0.	0.	0.	0.	0.	0.
303~Link	Qm-1	0.	0.	0.	0.	0.	0.
303~Link	Qm-2	0.	0.	0.	0.	0.	0.
304~Link	DEAD	0.	0.	0.	0.	0.	0.
304~Link	G1	0.	0.	0.	0.	0.	0.
304~Link	G2	0.	0.	0.	0.	0.	0.
304~Link	Qm	0.	0.	0.	0.	0.	0.
304~Link	Qs	0.	0.	0.	0.	0.	0.
304~Link	T+	0.	0.	0.	0.	0.	0.
304~Link	T-	0.	0.	0.	0.	0.	0.
304~Link	W	0.	0.	0.	0.	0.	0.
304~Link	Qm-1	0.	0.	0.	0.	0.	0.
304~Link	Qm-2	0.	0.	0.	0.	0.	0.
305~Link	DEAD	0.	0.	0.	0.	0.	0.
305~Link	G1	0.	0.	0.	0.	0.	0.
305~Link	G2	0.	0.	0.	0.	0.	0.
305~Link	Qm	0.	0.	0.	0.	0.	0.
305~Link	Qs	0.	0.	0.	0.	0.	0.
305~Link	T+	0.	0.	0.	0.	0.	0.
305~Link	T-	0.	0.	0.	0.	0.	0.
305~Link	W	0.	0.	0.	0.	0.	0.
305~Link	Qm-1	0.	0.	0.	0.	0.	0.
305~Link	Qm-2	0.	0.	0.	0.	0.	0.
306~Link	DEAD	0.	0.	0.	0.	0.	0.
306~Link	G1	0.	0.	0.	0.	0.	0.
306~Link	G2	0.	0.	0.	0.	0.	0.
306~Link	Qm	0.	0.	0.	0.	0.	0.
306~Link	Qs	0.	0.	0.	0.	0.	0.
306~Link	T+	0.	0.	0.	0.	0.	0.
306~Link	T-	0.	0.	0.	0.	0.	0.
306~Link	W	0.	0.	0.	0.	0.	0.
306~Link	Qm-1	0.	0.	0.	0.	0.	0.
306~Link	Qm-2	0.	0.	0.	0.	0.	0.
307~Link	DEAD	0.	0.	0.	0.	0.	0.
307~Link	G1	0.	0.	0.	0.	0.	0.
307~Link	G2	0.	0.	0.	0.	0.	0.
307~Link	Qm	0.	0.	0.	0.	0.	0.
307~Link	Qs	0.	0.	0.	0.	0.	0.
307~Link	T+	0.	0.	0.	0.	0.	0.
307~Link	T-	0.	0.	0.	0.	0.	0.
307~Link	W	0.	0.	0.	0.	0.	0.
307~Link	Qm-1	0.	0.	0.	0.	0.	0.
307~Link	Qm-2	0.	0.	0.	0.	0.	0.
308~Link	DEAD	0.	0.	0.	0.	0.	0.
308~Link	G1	0.	0.	0.	0.	0.	0.
308~Link	G2	0.	0.	0.	0.	0.	0.

Table 24: Joint Displacements

Joint	OutputCase	U1	U2	U3	R1	R2	R3
		mm	mm	mm	Radians	Radians	Radians
308~Link	Qm	0.	0.	0.	0.	0.	0.
308~Link	Qs	0.	0.	0.	0.	0.	0.
308~Link	T+	0.	0.	0.	0.	0.	0.
308~Link	T-	0.	0.	0.	0.	0.	0.
308~Link	W	0.	0.	0.	0.	0.	0.
308~Link	Qm-1	0.	0.	0.	0.	0.	0.
308~Link	Qm-2	0.	0.	0.	0.	0.	0.
309~Link	DEAD	0.	0.	0.	0.	0.	0.
309~Link	G1	0.	0.	0.	0.	0.	0.
309~Link	G2	0.	0.	0.	0.	0.	0.
309~Link	Qm	0.	0.	0.	0.	0.	0.
309~Link	Qs	0.	0.	0.	0.	0.	0.
309~Link	T+	0.	0.	0.	0.	0.	0.
309~Link	T-	0.	0.	0.	0.	0.	0.
309~Link	W	0.	0.	0.	0.	0.	0.
309~Link	Qm-1	0.	0.	0.	0.	0.	0.
309~Link	Qm-2	0.	0.	0.	0.	0.	0.
310~Link	DEAD	0.	0.	0.	0.	0.	0.
310~Link	G1	0.	0.	0.	0.	0.	0.
310~Link	G2	0.	0.	0.	0.	0.	0.
310~Link	Qm	0.	0.	0.	0.	0.	0.
310~Link	Qs	0.	0.	0.	0.	0.	0.
310~Link	T+	0.	0.	0.	0.	0.	0.
310~Link	T-	0.	0.	0.	0.	0.	0.
310~Link	W	0.	0.	0.	0.	0.	0.
310~Link	Qm-1	0.	0.	0.	0.	0.	0.
310~Link	Qm-2	0.	0.	0.	0.	0.	0.
311~Link	DEAD	0.	0.	0.	0.	0.	0.
311~Link	G1	0.	0.	0.	0.	0.	0.
311~Link	G2	0.	0.	0.	0.	0.	0.
311~Link	Qm	0.	0.	0.	0.	0.	0.
311~Link	Qs	0.	0.	0.	0.	0.	0.
311~Link	T+	0.	0.	0.	0.	0.	0.
311~Link	T-	0.	0.	0.	0.	0.	0.
311~Link	W	0.	0.	0.	0.	0.	0.
311~Link	Qm-1	0.	0.	0.	0.	0.	0.
311~Link	Qm-2	0.	0.	0.	0.	0.	0.
312~Link	DEAD	0.	0.	0.	0.	0.	0.
312~Link	G1	0.	0.	0.	0.	0.	0.
312~Link	G2	0.	0.	0.	0.	0.	0.
312~Link	Qm	0.	0.	0.	0.	0.	0.
312~Link	Qs	0.	0.	0.	0.	0.	0.
312~Link	T+	0.	0.	0.	0.	0.	0.
312~Link	T-	0.	0.	0.	0.	0.	0.
312~Link	W	0.	0.	0.	0.	0.	0.
312~Link	Qm-1	0.	0.	0.	0.	0.	0.
312~Link	Qm-2	0.	0.	0.	0.	0.	0.
313~Link	DEAD	0.	0.	0.	0.	0.	0.
313~Link	G1	0.	0.	0.	0.	0.	0.
313~Link	G2	0.	0.	0.	0.	0.	0.
313~Link	Qm	0.	0.	0.	0.	0.	0.
313~Link	Qs	0.	0.	0.	0.	0.	0.
313~Link	T+	0.	0.	0.	0.	0.	0.
313~Link	T-	0.	0.	0.	0.	0.	0.

Table 24: Joint Displacements

Joint	OutputCase	U1	U2	U3	R1	R2	R3
		mm	mm	mm	Radians	Radians	Radians
313~Link	W	0.	0.	0.	0.	0.	0.
313~Link	Qm-1	0.	0.	0.	0.	0.	0.
313~Link	Qm-2	0.	0.	0.	0.	0.	0.
314~Link	DEAD	0.	0.	0.	0.	0.	0.
314~Link	G1	0.	0.	0.	0.	0.	0.
314~Link	G2	0.	0.	0.	0.	0.	0.
314~Link	Qm	0.	0.	0.	0.	0.	0.
314~Link	Qs	0.	0.	0.	0.	0.	0.
314~Link	T+	0.	0.	0.	0.	0.	0.
314~Link	T-	0.	0.	0.	0.	0.	0.
314~Link	W	0.	0.	0.	0.	0.	0.
314~Link	Qm-1	0.	0.	0.	0.	0.	0.
314~Link	Qm-2	0.	0.	0.	0.	0.	0.
315~Link	DEAD	0.	0.	0.	0.	0.	0.
315~Link	G1	0.	0.	0.	0.	0.	0.
315~Link	G2	0.	0.	0.	0.	0.	0.
315~Link	Qm	0.	0.	0.	0.	0.	0.
315~Link	Qs	0.	0.	0.	0.	0.	0.
315~Link	T+	0.	0.	0.	0.	0.	0.
315~Link	T-	0.	0.	0.	0.	0.	0.
315~Link	W	0.	0.	0.	0.	0.	0.
315~Link	Qm-1	0.	0.	0.	0.	0.	0.
315~Link	Qm-2	0.	0.	0.	0.	0.	0.
316~Link	DEAD	0.	0.	0.	0.	0.	0.
316~Link	G1	0.	0.	0.	0.	0.	0.
316~Link	G2	0.	0.	0.	0.	0.	0.
316~Link	Qm	0.	0.	0.	0.	0.	0.
316~Link	Qs	0.	0.	0.	0.	0.	0.
316~Link	T+	0.	0.	0.	0.	0.	0.
316~Link	T-	0.	0.	0.	0.	0.	0.
316~Link	W	0.	0.	0.	0.	0.	0.
316~Link	Qm-1	0.	0.	0.	0.	0.	0.
316~Link	Qm-2	0.	0.	0.	0.	0.	0.
317~Link	DEAD	0.	0.	0.	0.	0.	0.
317~Link	G1	0.	0.	0.	0.	0.	0.
317~Link	G2	0.	0.	0.	0.	0.	0.
317~Link	Qm	0.	0.	0.	0.	0.	0.
317~Link	Qs	0.	0.	0.	0.	0.	0.
317~Link	T+	0.	0.	0.	0.	0.	0.
317~Link	T-	0.	0.	0.	0.	0.	0.
317~Link	W	0.	0.	0.	0.	0.	0.
317~Link	Qm-1	0.	0.	0.	0.	0.	0.
317~Link	Qm-2	0.	0.	0.	0.	0.	0.
318~Link	DEAD	0.	0.	0.	0.	0.	0.
318~Link	G1	0.	0.	0.	0.	0.	0.
318~Link	G2	0.	0.	0.	0.	0.	0.
318~Link	Qm	0.	0.	0.	0.	0.	0.
318~Link	Qs	0.	0.	0.	0.	0.	0.
318~Link	T+	0.	0.	0.	0.	0.	0.
318~Link	T-	0.	0.	0.	0.	0.	0.
318~Link	W	0.	0.	0.	0.	0.	0.
318~Link	Qm-1	0.	0.	0.	0.	0.	0.
318~Link	Qm-2	0.	0.	0.	0.	0.	0.
320~Link	DEAD	0.	0.	0.	0.	0.	0.

Table 24: Joint Displacements

Joint	OutputCase	U1	U2	U3	R1	R2	R3
		mm	mm	mm	Radians	Radians	Radians
320~Link	G1	0.	0.	0.	0.	0.	0.
320~Link	G2	0.	0.	0.	0.	0.	0.
320~Link	Qm	0.	0.	0.	0.	0.	0.
320~Link	Qs	0.	0.	0.	0.	0.	0.
320~Link	T+	0.	0.	0.	0.	0.	0.
320~Link	T-	0.	0.	0.	0.	0.	0.
320~Link	W	0.	0.	0.	0.	0.	0.
320~Link	Qm-1	0.	0.	0.	0.	0.	0.
320~Link	Qm-2	0.	0.	0.	0.	0.	0.
319~Link	DEAD	0.	0.	0.	0.	0.	0.
319~Link	G1	0.	0.	0.	0.	0.	0.
319~Link	G2	0.	0.	0.	0.	0.	0.
319~Link	Qm	0.	0.	0.	0.	0.	0.
319~Link	Qs	0.	0.	0.	0.	0.	0.
319~Link	T+	0.	0.	0.	0.	0.	0.
319~Link	T-	0.	0.	0.	0.	0.	0.
319~Link	W	0.	0.	0.	0.	0.	0.
319~Link	Qm-1	0.	0.	0.	0.	0.	0.
319~Link	Qm-2	0.	0.	0.	0.	0.	0.
321~Link	DEAD	0.	0.	0.	0.	0.	0.
321~Link	G1	0.	0.	0.	0.	0.	0.
321~Link	G2	0.	0.	0.	0.	0.	0.
321~Link	Qm	0.	0.	0.	0.	0.	0.
321~Link	Qs	0.	0.	0.	0.	0.	0.
321~Link	T+	0.	0.	0.	0.	0.	0.
321~Link	T-	0.	0.	0.	0.	0.	0.
321~Link	W	0.	0.	0.	0.	0.	0.
321~Link	Qm-1	0.	0.	0.	0.	0.	0.
321~Link	Qm-2	0.	0.	0.	0.	0.	0.
322~Link	DEAD	0.	0.	0.	0.	0.	0.
322~Link	G1	0.	0.	0.	0.	0.	0.
322~Link	G2	0.	0.	0.	0.	0.	0.
322~Link	Qm	0.	0.	0.	0.	0.	0.
322~Link	Qs	0.	0.	0.	0.	0.	0.
322~Link	T+	0.	0.	0.	0.	0.	0.
322~Link	T-	0.	0.	0.	0.	0.	0.
322~Link	W	0.	0.	0.	0.	0.	0.
322~Link	Qm-1	0.	0.	0.	0.	0.	0.
322~Link	Qm-2	0.	0.	0.	0.	0.	0.
323~Link	DEAD	0.	0.	0.	0.	0.	0.
323~Link	G1	0.	0.	0.	0.	0.	0.
323~Link	G2	0.	0.	0.	0.	0.	0.
323~Link	Qm	0.	0.	0.	0.	0.	0.
323~Link	Qs	0.	0.	0.	0.	0.	0.
323~Link	T+	0.	0.	0.	0.	0.	0.
323~Link	T-	0.	0.	0.	0.	0.	0.
323~Link	W	0.	0.	0.	0.	0.	0.
323~Link	Qm-1	0.	0.	0.	0.	0.	0.
323~Link	Qm-2	0.	0.	0.	0.	0.	0.
324~Link	DEAD	0.	0.	0.	0.	0.	0.
324~Link	G1	0.	0.	0.	0.	0.	0.
324~Link	G2	0.	0.	0.	0.	0.	0.
324~Link	Qm	0.	0.	0.	0.	0.	0.
324~Link	Qs	0.	0.	0.	0.	0.	0.

Table 24: Joint Displacements

Joint	OutputCase	U1	U2	U3	R1	R2	R3
		mm	mm	mm	Radians	Radians	Radians
324~Link	T+	0.	0.	0.	0.	0.	0.
324~Link	T-	0.	0.	0.	0.	0.	0.
324~Link	W	0.	0.	0.	0.	0.	0.
324~Link	Qm-1	0.	0.	0.	0.	0.	0.
324~Link	Qm-2	0.	0.	0.	0.	0.	0.
325~Link	DEAD	0.	0.	0.	0.	0.	0.
325~Link	G1	0.	0.	0.	0.	0.	0.
325~Link	G2	0.	0.	0.	0.	0.	0.
325~Link	Qm	0.	0.	0.	0.	0.	0.
325~Link	Qs	0.	0.	0.	0.	0.	0.
325~Link	T+	0.	0.	0.	0.	0.	0.
325~Link	T-	0.	0.	0.	0.	0.	0.
325~Link	W	0.	0.	0.	0.	0.	0.
325~Link	Qm-1	0.	0.	0.	0.	0.	0.
325~Link	Qm-2	0.	0.	0.	0.	0.	0.
326~Link	DEAD	0.	0.	0.	0.	0.	0.
326~Link	G1	0.	0.	0.	0.	0.	0.
326~Link	G2	0.	0.	0.	0.	0.	0.
326~Link	Qm	0.	0.	0.	0.	0.	0.
326~Link	Qs	0.	0.	0.	0.	0.	0.
326~Link	T+	0.	0.	0.	0.	0.	0.
326~Link	T-	0.	0.	0.	0.	0.	0.
326~Link	W	0.	0.	0.	0.	0.	0.
326~Link	Qm-1	0.	0.	0.	0.	0.	0.
326~Link	Qm-2	0.	0.	0.	0.	0.	0.
327~Link	DEAD	0.	0.	0.	0.	0.	0.
327~Link	G1	0.	0.	0.	0.	0.	0.
327~Link	G2	0.	0.	0.	0.	0.	0.
327~Link	Qm	0.	0.	0.	0.	0.	0.
327~Link	Qs	0.	0.	0.	0.	0.	0.
327~Link	T+	0.	0.	0.	0.	0.	0.
327~Link	T-	0.	0.	0.	0.	0.	0.
327~Link	W	0.	0.	0.	0.	0.	0.
327~Link	Qm-1	0.	0.	0.	0.	0.	0.
327~Link	Qm-2	0.	0.	0.	0.	0.	0.
328~Link	DEAD	0.	0.	0.	0.	0.	0.
328~Link	G1	0.	0.	0.	0.	0.	0.
328~Link	G2	0.	0.	0.	0.	0.	0.
328~Link	Qm	0.	0.	0.	0.	0.	0.
328~Link	Qs	0.	0.	0.	0.	0.	0.
328~Link	T+	0.	0.	0.	0.	0.	0.
328~Link	T-	0.	0.	0.	0.	0.	0.
328~Link	W	0.	0.	0.	0.	0.	0.
328~Link	Qm-1	0.	0.	0.	0.	0.	0.
328~Link	Qm-2	0.	0.	0.	0.	0.	0.
329~Link	DEAD	0.	0.	0.	0.	0.	0.
329~Link	G1	0.	0.	0.	0.	0.	0.
329~Link	G2	0.	0.	0.	0.	0.	0.
329~Link	Qm	0.	0.	0.	0.	0.	0.
329~Link	Qs	0.	0.	0.	0.	0.	0.
329~Link	T+	0.	0.	0.	0.	0.	0.
329~Link	T-	0.	0.	0.	0.	0.	0.
329~Link	W	0.	0.	0.	0.	0.	0.
329~Link	Qm-1	0.	0.	0.	0.	0.	0.

Table 24: Joint Displacements

Joint	OutputCase	U1	U2	U3	R1	R2	R3
		mm	mm	mm	Radians	Radians	Radians
329~Link	Qm-2	0.	0.	0.	0.	0.	0.
330~Link	DEAD	0.	0.	0.	0.	0.	0.
330~Link	G1	0.	0.	0.	0.	0.	0.
330~Link	G2	0.	0.	0.	0.	0.	0.
330~Link	Qm	0.	0.	0.	0.	0.	0.
330~Link	Qs	0.	0.	0.	0.	0.	0.
330~Link	T+	0.	0.	0.	0.	0.	0.
330~Link	T-	0.	0.	0.	0.	0.	0.
330~Link	W	0.	0.	0.	0.	0.	0.
330~Link	Qm-1	0.	0.	0.	0.	0.	0.
330~Link	Qm-2	0.	0.	0.	0.	0.	0.
331~Link	DEAD	0.	0.	0.	0.	0.	0.
331~Link	G1	0.	0.	0.	0.	0.	0.
331~Link	G2	0.	0.	0.	0.	0.	0.
331~Link	Qm	0.	0.	0.	0.	0.	0.
331~Link	Qs	0.	0.	0.	0.	0.	0.
331~Link	T+	0.	0.	0.	0.	0.	0.
331~Link	T-	0.	0.	0.	0.	0.	0.
331~Link	W	0.	0.	0.	0.	0.	0.
331~Link	Qm-1	0.	0.	0.	0.	0.	0.
331~Link	Qm-2	0.	0.	0.	0.	0.	0.
332~Link	DEAD	0.	0.	0.	0.	0.	0.
332~Link	G1	0.	0.	0.	0.	0.	0.
332~Link	G2	0.	0.	0.	0.	0.	0.
332~Link	Qm	0.	0.	0.	0.	0.	0.
332~Link	Qs	0.	0.	0.	0.	0.	0.
332~Link	T+	0.	0.	0.	0.	0.	0.
332~Link	T-	0.	0.	0.	0.	0.	0.
332~Link	W	0.	0.	0.	0.	0.	0.
332~Link	Qm-1	0.	0.	0.	0.	0.	0.
332~Link	Qm-2	0.	0.	0.	0.	0.	0.
333~Link	DEAD	0.	0.	0.	0.	0.	0.
333~Link	G1	0.	0.	0.	0.	0.	0.
333~Link	G2	0.	0.	0.	0.	0.	0.
333~Link	Qm	0.	0.	0.	0.	0.	0.
333~Link	Qs	0.	0.	0.	0.	0.	0.
333~Link	T+	0.	0.	0.	0.	0.	0.
333~Link	T-	0.	0.	0.	0.	0.	0.
333~Link	W	0.	0.	0.	0.	0.	0.
333~Link	Qm-1	0.	0.	0.	0.	0.	0.
333~Link	Qm-2	0.	0.	0.	0.	0.	0.
334~Link	DEAD	0.	0.	0.	0.	0.	0.
334~Link	G1	0.	0.	0.	0.	0.	0.
334~Link	G2	0.	0.	0.	0.	0.	0.
334~Link	Qm	0.	0.	0.	0.	0.	0.
334~Link	Qs	0.	0.	0.	0.	0.	0.
334~Link	T+	0.	0.	0.	0.	0.	0.
334~Link	T-	0.	0.	0.	0.	0.	0.
334~Link	W	0.	0.	0.	0.	0.	0.
334~Link	Qm-1	0.	0.	0.	0.	0.	0.
334~Link	Qm-2	0.	0.	0.	0.	0.	0.
335~Link	DEAD	0.	0.	0.	0.	0.	0.
335~Link	G1	0.	0.	0.	0.	0.	0.
335~Link	G2	0.	0.	0.	0.	0.	0.

Table 24: Joint Displacements

Joint	OutputCase	U1	U2	U3	R1	R2	R3
		mm	mm	mm	Radians	Radians	Radians
335~Link	Qm	0.	0.	0.	0.	0.	0.
335~Link	Qs	0.	0.	0.	0.	0.	0.
335~Link	T+	0.	0.	0.	0.	0.	0.
335~Link	T-	0.	0.	0.	0.	0.	0.
335~Link	W	0.	0.	0.	0.	0.	0.
335~Link	Qm-1	0.	0.	0.	0.	0.	0.
335~Link	Qm-2	0.	0.	0.	0.	0.	0.
336~Link	DEAD	0.	0.	0.	0.	0.	0.
336~Link	G1	0.	0.	0.	0.	0.	0.
336~Link	G2	0.	0.	0.	0.	0.	0.
336~Link	Qm	0.	0.	0.	0.	0.	0.
336~Link	Qs	0.	0.	0.	0.	0.	0.
336~Link	T+	0.	0.	0.	0.	0.	0.
336~Link	T-	0.	0.	0.	0.	0.	0.
336~Link	W	0.	0.	0.	0.	0.	0.
336~Link	Qm-1	0.	0.	0.	0.	0.	0.
336~Link	Qm-2	0.	0.	0.	0.	0.	0.
337~Link	DEAD	0.	0.	0.	0.	0.	0.
337~Link	G1	0.	0.	0.	0.	0.	0.
337~Link	G2	0.	0.	0.	0.	0.	0.
337~Link	Qm	0.	0.	0.	0.	0.	0.
337~Link	Qs	0.	0.	0.	0.	0.	0.
337~Link	T+	0.	0.	0.	0.	0.	0.
337~Link	T-	0.	0.	0.	0.	0.	0.
337~Link	W	0.	0.	0.	0.	0.	0.
337~Link	Qm-1	0.	0.	0.	0.	0.	0.
337~Link	Qm-2	0.	0.	0.	0.	0.	0.
338~Link	DEAD	0.	0.	0.	0.	0.	0.
338~Link	G1	0.	0.	0.	0.	0.	0.
338~Link	G2	0.	0.	0.	0.	0.	0.
338~Link	Qm	0.	0.	0.	0.	0.	0.
338~Link	Qs	0.	0.	0.	0.	0.	0.
338~Link	T+	0.	0.	0.	0.	0.	0.
338~Link	T-	0.	0.	0.	0.	0.	0.
338~Link	W	0.	0.	0.	0.	0.	0.
338~Link	Qm-1	0.	0.	0.	0.	0.	0.
338~Link	Qm-2	0.	0.	0.	0.	0.	0.
339~Link	DEAD	0.	0.	0.	0.	0.	0.
339~Link	G1	0.	0.	0.	0.	0.	0.
339~Link	G2	0.	0.	0.	0.	0.	0.
339~Link	Qm	0.	0.	0.	0.	0.	0.
339~Link	Qs	0.	0.	0.	0.	0.	0.
339~Link	T+	0.	0.	0.	0.	0.	0.
339~Link	T-	0.	0.	0.	0.	0.	0.
339~Link	W	0.	0.	0.	0.	0.	0.
339~Link	Qm-1	0.	0.	0.	0.	0.	0.
339~Link	Qm-2	0.	0.	0.	0.	0.	0.
340~Link	DEAD	0.	0.	0.	0.	0.	0.
340~Link	G1	0.	0.	0.	0.	0.	0.
340~Link	G2	0.	0.	0.	0.	0.	0.
340~Link	Qm	0.	0.	0.	0.	0.	0.
340~Link	Qs	0.	0.	0.	0.	0.	0.
340~Link	T+	0.	0.	0.	0.	0.	0.
340~Link	T-	0.	0.	0.	0.	0.	0.

Table 24: Joint Displacements

Joint	OutputCase	U1	U2	U3	R1	R2	R3
		mm	mm	mm	Radians	Radians	Radians
340~Link	W	0.	0.	0.	0.	0.	0.
340~Link	Qm-1	0.	0.	0.	0.	0.	0.
340~Link	Qm-2	0.	0.	0.	0.	0.	0.
341~Link	DEAD	0.	0.	0.	0.	0.	0.
341~Link	G1	0.	0.	0.	0.	0.	0.
341~Link	G2	0.	0.	0.	0.	0.	0.
341~Link	Qm	0.	0.	0.	0.	0.	0.
341~Link	Qs	0.	0.	0.	0.	0.	0.
341~Link	T+	0.	0.	0.	0.	0.	0.
341~Link	T-	0.	0.	0.	0.	0.	0.
341~Link	W	0.	0.	0.	0.	0.	0.
341~Link	Qm-1	0.	0.	0.	0.	0.	0.
341~Link	Qm-2	0.	0.	0.	0.	0.	0.
342~Link	DEAD	0.	0.	0.	0.	0.	0.
342~Link	G1	0.	0.	0.	0.	0.	0.
342~Link	G2	0.	0.	0.	0.	0.	0.
342~Link	Qm	0.	0.	0.	0.	0.	0.
342~Link	Qs	0.	0.	0.	0.	0.	0.
342~Link	T+	0.	0.	0.	0.	0.	0.
342~Link	T-	0.	0.	0.	0.	0.	0.
342~Link	W	0.	0.	0.	0.	0.	0.
342~Link	Qm-1	0.	0.	0.	0.	0.	0.
342~Link	Qm-2	0.	0.	0.	0.	0.	0.
343~Link	DEAD	0.	0.	0.	0.	0.	0.
343~Link	G1	0.	0.	0.	0.	0.	0.
343~Link	G2	0.	0.	0.	0.	0.	0.
343~Link	Qm	0.	0.	0.	0.	0.	0.
343~Link	Qs	0.	0.	0.	0.	0.	0.
343~Link	T+	0.	0.	0.	0.	0.	0.
343~Link	T-	0.	0.	0.	0.	0.	0.
343~Link	W	0.	0.	0.	0.	0.	0.
343~Link	Qm-1	0.	0.	0.	0.	0.	0.
343~Link	Qm-2	0.	0.	0.	0.	0.	0.
344~Link	DEAD	0.	0.	0.	0.	0.	0.
344~Link	G1	0.	0.	0.	0.	0.	0.
344~Link	G2	0.	0.	0.	0.	0.	0.
344~Link	Qm	0.	0.	0.	0.	0.	0.
344~Link	Qs	0.	0.	0.	0.	0.	0.
344~Link	T+	0.	0.	0.	0.	0.	0.
344~Link	T-	0.	0.	0.	0.	0.	0.
344~Link	W	0.	0.	0.	0.	0.	0.
344~Link	Qm-1	0.	0.	0.	0.	0.	0.
344~Link	Qm-2	0.	0.	0.	0.	0.	0.
346~Link	DEAD	0.	0.	0.	0.	0.	0.
346~Link	G1	0.	0.	0.	0.	0.	0.
346~Link	G2	0.	0.	0.	0.	0.	0.
346~Link	Qm	0.	0.	0.	0.	0.	0.
346~Link	Qs	0.	0.	0.	0.	0.	0.
346~Link	T+	0.	0.	0.	0.	0.	0.
346~Link	T-	0.	0.	0.	0.	0.	0.
346~Link	W	0.	0.	0.	0.	0.	0.
346~Link	Qm-1	0.	0.	0.	0.	0.	0.
346~Link	Qm-2	0.	0.	0.	0.	0.	0.
345~Link	DEAD	0.	0.	0.	0.	0.	0.

Table 24: Joint Displacements

Joint	OutputCase	U1	U2	U3	R1	R2	R3
		mm	mm	mm	Radians	Radians	Radians
345~Link	G1	0.	0.	0.	0.	0.	0.
345~Link	G2	0.	0.	0.	0.	0.	0.
345~Link	Qm	0.	0.	0.	0.	0.	0.
345~Link	Qs	0.	0.	0.	0.	0.	0.
345~Link	T+	0.	0.	0.	0.	0.	0.
345~Link	T-	0.	0.	0.	0.	0.	0.
345~Link	W	0.	0.	0.	0.	0.	0.
345~Link	Qm-1	0.	0.	0.	0.	0.	0.
345~Link	Qm-2	0.	0.	0.	0.	0.	0.
347~Link	DEAD	0.	0.	0.	0.	0.	0.
347~Link	G1	0.	0.	0.	0.	0.	0.
347~Link	G2	0.	0.	0.	0.	0.	0.
347~Link	Qm	0.	0.	0.	0.	0.	0.
347~Link	Qs	0.	0.	0.	0.	0.	0.
347~Link	T+	0.	0.	0.	0.	0.	0.
347~Link	T-	0.	0.	0.	0.	0.	0.
347~Link	W	0.	0.	0.	0.	0.	0.
347~Link	Qm-1	0.	0.	0.	0.	0.	0.
347~Link	Qm-2	0.	0.	0.	0.	0.	0.
348~Link	DEAD	0.	0.	0.	0.	0.	0.
348~Link	G1	0.	0.	0.	0.	0.	0.
348~Link	G2	0.	0.	0.	0.	0.	0.
348~Link	Qm	0.	0.	0.	0.	0.	0.
348~Link	Qs	0.	0.	0.	0.	0.	0.
348~Link	T+	0.	0.	0.	0.	0.	0.
348~Link	T-	0.	0.	0.	0.	0.	0.
348~Link	W	0.	0.	0.	0.	0.	0.
348~Link	Qm-1	0.	0.	0.	0.	0.	0.
348~Link	Qm-2	0.	0.	0.	0.	0.	0.
349~Link	DEAD	0.	0.	0.	0.	0.	0.
349~Link	G1	0.	0.	0.	0.	0.	0.
349~Link	G2	0.	0.	0.	0.	0.	0.
349~Link	Qm	0.	0.	0.	0.	0.	0.
349~Link	Qs	0.	0.	0.	0.	0.	0.
349~Link	T+	0.	0.	0.	0.	0.	0.
349~Link	T-	0.	0.	0.	0.	0.	0.
349~Link	W	0.	0.	0.	0.	0.	0.
349~Link	Qm-1	0.	0.	0.	0.	0.	0.
349~Link	Qm-2	0.	0.	0.	0.	0.	0.
350~Link	DEAD	0.	0.	0.	0.	0.	0.
350~Link	G1	0.	0.	0.	0.	0.	0.
350~Link	G2	0.	0.	0.	0.	0.	0.
350~Link	Qm	0.	0.	0.	0.	0.	0.
350~Link	Qs	0.	0.	0.	0.	0.	0.
350~Link	T+	0.	0.	0.	0.	0.	0.
350~Link	T-	0.	0.	0.	0.	0.	0.
350~Link	W	0.	0.	0.	0.	0.	0.
350~Link	Qm-1	0.	0.	0.	0.	0.	0.
350~Link	Qm-2	0.	0.	0.	0.	0.	0.
351~Link	DEAD	0.	0.	0.	0.	0.	0.
351~Link	G1	0.	0.	0.	0.	0.	0.
351~Link	G2	0.	0.	0.	0.	0.	0.
351~Link	Qm	0.	0.	0.	0.	0.	0.
351~Link	Qs	0.	0.	0.	0.	0.	0.

Table 24: Joint Displacements

Joint	OutputCase	U1	U2	U3	R1	R2	R3
		mm	mm	mm	Radians	Radians	Radians
351~Link	T+	0.	0.	0.	0.	0.	0.
351~Link	T-	0.	0.	0.	0.	0.	0.
351~Link	W	0.	0.	0.	0.	0.	0.
351~Link	Qm-1	0.	0.	0.	0.	0.	0.
351~Link	Qm-2	0.	0.	0.	0.	0.	0.
352~Link	DEAD	0.	0.	0.	0.	0.	0.
352~Link	G1	0.	0.	0.	0.	0.	0.
352~Link	G2	0.	0.	0.	0.	0.	0.
352~Link	Qm	0.	0.	0.	0.	0.	0.
352~Link	Qs	0.	0.	0.	0.	0.	0.
352~Link	T+	0.	0.	0.	0.	0.	0.
352~Link	T-	0.	0.	0.	0.	0.	0.
352~Link	W	0.	0.	0.	0.	0.	0.
352~Link	Qm-1	0.	0.	0.	0.	0.	0.
352~Link	Qm-2	0.	0.	0.	0.	0.	0.
353~Link	DEAD	0.	0.	0.	0.	0.	0.
353~Link	G1	0.	0.	0.	0.	0.	0.
353~Link	G2	0.	0.	0.	0.	0.	0.
353~Link	Qm	0.	0.	0.	0.	0.	0.
353~Link	Qs	0.	0.	0.	0.	0.	0.
353~Link	T+	0.	0.	0.	0.	0.	0.
353~Link	T-	0.	0.	0.	0.	0.	0.
353~Link	W	0.	0.	0.	0.	0.	0.
353~Link	Qm-1	0.	0.	0.	0.	0.	0.
353~Link	Qm-2	0.	0.	0.	0.	0.	0.
354~Link	DEAD	0.	0.	0.	0.	0.	0.
354~Link	G1	0.	0.	0.	0.	0.	0.
354~Link	G2	0.	0.	0.	0.	0.	0.
354~Link	Qm	0.	0.	0.	0.	0.	0.
354~Link	Qs	0.	0.	0.	0.	0.	0.
354~Link	T+	0.	0.	0.	0.	0.	0.
354~Link	T-	0.	0.	0.	0.	0.	0.
354~Link	W	0.	0.	0.	0.	0.	0.
354~Link	Qm-1	0.	0.	0.	0.	0.	0.
354~Link	Qm-2	0.	0.	0.	0.	0.	0.
355~Link	DEAD	0.	0.	0.	0.	0.	0.
355~Link	G1	0.	0.	0.	0.	0.	0.
355~Link	G2	0.	0.	0.	0.	0.	0.
355~Link	Qm	0.	0.	0.	0.	0.	0.
355~Link	Qs	0.	0.	0.	0.	0.	0.
355~Link	T+	0.	0.	0.	0.	0.	0.
355~Link	T-	0.	0.	0.	0.	0.	0.
355~Link	W	0.	0.	0.	0.	0.	0.
355~Link	Qm-1	0.	0.	0.	0.	0.	0.
355~Link	Qm-2	0.	0.	0.	0.	0.	0.
356~Link	DEAD	0.	0.	0.	0.	0.	0.
356~Link	G1	0.	0.	0.	0.	0.	0.
356~Link	G2	0.	0.	0.	0.	0.	0.
356~Link	Qm	0.	0.	0.	0.	0.	0.
356~Link	Qs	0.	0.	0.	0.	0.	0.
356~Link	T+	0.	0.	0.	0.	0.	0.
356~Link	T-	0.	0.	0.	0.	0.	0.
356~Link	W	0.	0.	0.	0.	0.	0.
356~Link	Qm-1	0.	0.	0.	0.	0.	0.

Table 24: Joint Displacements

Joint	OutputCase	U1	U2	U3	R1	R2	R3
		mm	mm	mm	Radians	Radians	Radians
356~Link	Qm-2	0.	0.	0.	0.	0.	0.
357~Link	DEAD	0.	0.	0.	0.	0.	0.
357~Link	G1	0.	0.	0.	0.	0.	0.
357~Link	G2	0.	0.	0.	0.	0.	0.
357~Link	Qm	0.	0.	0.	0.	0.	0.
357~Link	Qs	0.	0.	0.	0.	0.	0.
357~Link	T+	0.	0.	0.	0.	0.	0.
357~Link	T-	0.	0.	0.	0.	0.	0.
357~Link	W	0.	0.	0.	0.	0.	0.
357~Link	Qm-1	0.	0.	0.	0.	0.	0.
357~Link	Qm-2	0.	0.	0.	0.	0.	0.
358~Link	DEAD	0.	0.	0.	0.	0.	0.
358~Link	G1	0.	0.	0.	0.	0.	0.
358~Link	G2	0.	0.	0.	0.	0.	0.
358~Link	Qm	0.	0.	0.	0.	0.	0.
358~Link	Qs	0.	0.	0.	0.	0.	0.
358~Link	T+	0.	0.	0.	0.	0.	0.
358~Link	T-	0.	0.	0.	0.	0.	0.
358~Link	W	0.	0.	0.	0.	0.	0.
358~Link	Qm-1	0.	0.	0.	0.	0.	0.
358~Link	Qm-2	0.	0.	0.	0.	0.	0.
359~Link	DEAD	0.	0.	0.	0.	0.	0.
359~Link	G1	0.	0.	0.	0.	0.	0.
359~Link	G2	0.	0.	0.	0.	0.	0.
359~Link	Qm	0.	0.	0.	0.	0.	0.
359~Link	Qs	0.	0.	0.	0.	0.	0.
359~Link	T+	0.	0.	0.	0.	0.	0.
359~Link	T-	0.	0.	0.	0.	0.	0.
359~Link	W	0.	0.	0.	0.	0.	0.
359~Link	Qm-1	0.	0.	0.	0.	0.	0.
359~Link	Qm-2	0.	0.	0.	0.	0.	0.
360~Link	DEAD	0.	0.	0.	0.	0.	0.
360~Link	G1	0.	0.	0.	0.	0.	0.
360~Link	G2	0.	0.	0.	0.	0.	0.
360~Link	Qm	0.	0.	0.	0.	0.	0.
360~Link	Qs	0.	0.	0.	0.	0.	0.
360~Link	T+	0.	0.	0.	0.	0.	0.
360~Link	T-	0.	0.	0.	0.	0.	0.
360~Link	W	0.	0.	0.	0.	0.	0.
360~Link	Qm-1	0.	0.	0.	0.	0.	0.
360~Link	Qm-2	0.	0.	0.	0.	0.	0.
361~Link	DEAD	0.	0.	0.	0.	0.	0.
361~Link	G1	0.	0.	0.	0.	0.	0.
361~Link	G2	0.	0.	0.	0.	0.	0.
361~Link	Qm	0.	0.	0.	0.	0.	0.
361~Link	Qs	0.	0.	0.	0.	0.	0.
361~Link	T+	0.	0.	0.	0.	0.	0.
361~Link	T-	0.	0.	0.	0.	0.	0.
361~Link	W	0.	0.	0.	0.	0.	0.
361~Link	Qm-1	0.	0.	0.	0.	0.	0.
361~Link	Qm-2	0.	0.	0.	0.	0.	0.
362~Link	DEAD	0.	0.	0.	0.	0.	0.
362~Link	G1	0.	0.	0.	0.	0.	0.
362~Link	G2	0.	0.	0.	0.	0.	0.

Table 24: Joint Displacements

Joint	OutputCase	U1	U2	U3	R1	R2	R3
		mm	mm	mm	Radians	Radians	Radians
362~Link	Qm	0.	0.	0.	0.	0.	0.
362~Link	Qs	0.	0.	0.	0.	0.	0.
362~Link	T+	0.	0.	0.	0.	0.	0.
362~Link	T-	0.	0.	0.	0.	0.	0.
362~Link	W	0.	0.	0.	0.	0.	0.
362~Link	Qm-1	0.	0.	0.	0.	0.	0.
362~Link	Qm-2	0.	0.	0.	0.	0.	0.
363~Link	DEAD	0.	0.	0.	0.	0.	0.
363~Link	G1	0.	0.	0.	0.	0.	0.
363~Link	G2	0.	0.	0.	0.	0.	0.
363~Link	Qm	0.	0.	0.	0.	0.	0.
363~Link	Qs	0.	0.	0.	0.	0.	0.
363~Link	T+	0.	0.	0.	0.	0.	0.
363~Link	T-	0.	0.	0.	0.	0.	0.
363~Link	W	0.	0.	0.	0.	0.	0.
363~Link	Qm-1	0.	0.	0.	0.	0.	0.
363~Link	Qm-2	0.	0.	0.	0.	0.	0.
364~Link	DEAD	0.	0.	0.	0.	0.	0.
364~Link	G1	0.	0.	0.	0.	0.	0.
364~Link	G2	0.	0.	0.	0.	0.	0.
364~Link	Qm	0.	0.	0.	0.	0.	0.
364~Link	Qs	0.	0.	0.	0.	0.	0.
364~Link	T+	0.	0.	0.	0.	0.	0.
364~Link	T-	0.	0.	0.	0.	0.	0.
364~Link	W	0.	0.	0.	0.	0.	0.
364~Link	Qm-1	0.	0.	0.	0.	0.	0.
364~Link	Qm-2	0.	0.	0.	0.	0.	0.
365~Link	DEAD	0.	0.	0.	0.	0.	0.
365~Link	G1	0.	0.	0.	0.	0.	0.
365~Link	G2	0.	0.	0.	0.	0.	0.
365~Link	Qm	0.	0.	0.	0.	0.	0.
365~Link	Qs	0.	0.	0.	0.	0.	0.
365~Link	T+	0.	0.	0.	0.	0.	0.
365~Link	T-	0.	0.	0.	0.	0.	0.
365~Link	W	0.	0.	0.	0.	0.	0.
365~Link	Qm-1	0.	0.	0.	0.	0.	0.
365~Link	Qm-2	0.	0.	0.	0.	0.	0.
366~Link	DEAD	0.	0.	0.	0.	0.	0.
366~Link	G1	0.	0.	0.	0.	0.	0.
366~Link	G2	0.	0.	0.	0.	0.	0.
366~Link	Qm	0.	0.	0.	0.	0.	0.
366~Link	Qs	0.	0.	0.	0.	0.	0.
366~Link	T+	0.	0.	0.	0.	0.	0.
366~Link	T-	0.	0.	0.	0.	0.	0.
366~Link	W	0.	0.	0.	0.	0.	0.
366~Link	Qm-1	0.	0.	0.	0.	0.	0.
366~Link	Qm-2	0.	0.	0.	0.	0.	0.
367~Link	DEAD	0.	0.	0.	0.	0.	0.
367~Link	G1	0.	0.	0.	0.	0.	0.
367~Link	G2	0.	0.	0.	0.	0.	0.
367~Link	Qm	0.	0.	0.	0.	0.	0.
367~Link	Qs	0.	0.	0.	0.	0.	0.
367~Link	T+	0.	0.	0.	0.	0.	0.
367~Link	T-	0.	0.	0.	0.	0.	0.

Table 24: Joint Displacements

Joint	OutputCase	U1	U2	U3	R1	R2	R3
		mm	mm	mm	Radians	Radians	Radians
367~Link	W	0.	0.	0.	0.	0.	0.
367~Link	Qm-1	0.	0.	0.	0.	0.	0.
367~Link	Qm-2	0.	0.	0.	0.	0.	0.
368~Link	DEAD	0.	0.	0.	0.	0.	0.
368~Link	G1	0.	0.	0.	0.	0.	0.
368~Link	G2	0.	0.	0.	0.	0.	0.
368~Link	Qm	0.	0.	0.	0.	0.	0.
368~Link	Qs	0.	0.	0.	0.	0.	0.
368~Link	T+	0.	0.	0.	0.	0.	0.
368~Link	T-	0.	0.	0.	0.	0.	0.
368~Link	W	0.	0.	0.	0.	0.	0.
368~Link	Qm-1	0.	0.	0.	0.	0.	0.
368~Link	Qm-2	0.	0.	0.	0.	0.	0.
369~Link	DEAD	0.	0.	0.	0.	0.	0.
369~Link	G1	0.	0.	0.	0.	0.	0.
369~Link	G2	0.	0.	0.	0.	0.	0.
369~Link	Qm	0.	0.	0.	0.	0.	0.
369~Link	Qs	0.	0.	0.	0.	0.	0.
369~Link	T+	0.	0.	0.	0.	0.	0.
369~Link	T-	0.	0.	0.	0.	0.	0.
369~Link	W	0.	0.	0.	0.	0.	0.
369~Link	Qm-1	0.	0.	0.	0.	0.	0.
369~Link	Qm-2	0.	0.	0.	0.	0.	0.
370~Link	DEAD	0.	0.	0.	0.	0.	0.
370~Link	G1	0.	0.	0.	0.	0.	0.
370~Link	G2	0.	0.	0.	0.	0.	0.
370~Link	Qm	0.	0.	0.	0.	0.	0.
370~Link	Qs	0.	0.	0.	0.	0.	0.
370~Link	T+	0.	0.	0.	0.	0.	0.
370~Link	T-	0.	0.	0.	0.	0.	0.
370~Link	W	0.	0.	0.	0.	0.	0.
370~Link	Qm-1	0.	0.	0.	0.	0.	0.
370~Link	Qm-2	0.	0.	0.	0.	0.	0.
372~Link	DEAD	0.	0.	0.	0.	0.	0.
372~Link	G1	0.	0.	0.	0.	0.	0.
372~Link	G2	0.	0.	0.	0.	0.	0.
372~Link	Qm	0.	0.	0.	0.	0.	0.
372~Link	Qs	0.	0.	0.	0.	0.	0.
372~Link	T+	0.	0.	0.	0.	0.	0.
372~Link	T-	0.	0.	0.	0.	0.	0.
372~Link	W	0.	0.	0.	0.	0.	0.
372~Link	Qm-1	0.	0.	0.	0.	0.	0.
372~Link	Qm-2	0.	0.	0.	0.	0.	0.
371~Link	DEAD	0.	0.	0.	0.	0.	0.
371~Link	G1	0.	0.	0.	0.	0.	0.
371~Link	G2	0.	0.	0.	0.	0.	0.
371~Link	Qm	0.	0.	0.	0.	0.	0.
371~Link	Qs	0.	0.	0.	0.	0.	0.
371~Link	T+	0.	0.	0.	0.	0.	0.
371~Link	T-	0.	0.	0.	0.	0.	0.
371~Link	W	0.	0.	0.	0.	0.	0.
371~Link	Qm-1	0.	0.	0.	0.	0.	0.
371~Link	Qm-2	0.	0.	0.	0.	0.	0.
373~Link	DEAD	0.	0.	0.	0.	0.	0.

Table 24: Joint Displacements

Joint	OutputCase	U1	U2	U3	R1	R2	R3
		mm	mm	mm	Radians	Radians	Radians
373~Link	G1	0.	0.	0.	0.	0.	0.
373~Link	G2	0.	0.	0.	0.	0.	0.
373~Link	Qm	0.	0.	0.	0.	0.	0.
373~Link	Qs	0.	0.	0.	0.	0.	0.
373~Link	T+	0.	0.	0.	0.	0.	0.
373~Link	T-	0.	0.	0.	0.	0.	0.
373~Link	W	0.	0.	0.	0.	0.	0.
373~Link	Qm-1	0.	0.	0.	0.	0.	0.
373~Link	Qm-2	0.	0.	0.	0.	0.	0.
374~Link	DEAD	0.	0.	0.	0.	0.	0.
374~Link	G1	0.	0.	0.	0.	0.	0.
374~Link	G2	0.	0.	0.	0.	0.	0.
374~Link	Qm	0.	0.	0.	0.	0.	0.
374~Link	Qs	0.	0.	0.	0.	0.	0.
374~Link	T+	0.	0.	0.	0.	0.	0.
374~Link	T-	0.	0.	0.	0.	0.	0.
374~Link	W	0.	0.	0.	0.	0.	0.
374~Link	Qm-1	0.	0.	0.	0.	0.	0.
374~Link	Qm-2	0.	0.	0.	0.	0.	0.
375~Link	DEAD	0.	0.	0.	0.	0.	0.
375~Link	G1	0.	0.	0.	0.	0.	0.
375~Link	G2	0.	0.	0.	0.	0.	0.
375~Link	Qm	0.	0.	0.	0.	0.	0.
375~Link	Qs	0.	0.	0.	0.	0.	0.
375~Link	T+	0.	0.	0.	0.	0.	0.
375~Link	T-	0.	0.	0.	0.	0.	0.
375~Link	W	0.	0.	0.	0.	0.	0.
375~Link	Qm-1	0.	0.	0.	0.	0.	0.
375~Link	Qm-2	0.	0.	0.	0.	0.	0.
376~Link	DEAD	0.	0.	0.	0.	0.	0.
376~Link	G1	0.	0.	0.	0.	0.	0.
376~Link	G2	0.	0.	0.	0.	0.	0.
376~Link	Qm	0.	0.	0.	0.	0.	0.
376~Link	Qs	0.	0.	0.	0.	0.	0.
376~Link	T+	0.	0.	0.	0.	0.	0.
376~Link	T-	0.	0.	0.	0.	0.	0.
376~Link	W	0.	0.	0.	0.	0.	0.
376~Link	Qm-1	0.	0.	0.	0.	0.	0.
376~Link	Qm-2	0.	0.	0.	0.	0.	0.
377~Link	DEAD	0.	0.	0.	0.	0.	0.
377~Link	G1	0.	0.	0.	0.	0.	0.
377~Link	G2	0.	0.	0.	0.	0.	0.
377~Link	Qm	0.	0.	0.	0.	0.	0.
377~Link	Qs	0.	0.	0.	0.	0.	0.
377~Link	T+	0.	0.	0.	0.	0.	0.
377~Link	T-	0.	0.	0.	0.	0.	0.
377~Link	W	0.	0.	0.	0.	0.	0.
377~Link	Qm-1	0.	0.	0.	0.	0.	0.
377~Link	Qm-2	0.	0.	0.	0.	0.	0.
378~Link	DEAD	0.	0.	0.	0.	0.	0.
378~Link	G1	0.	0.	0.	0.	0.	0.
378~Link	G2	0.	0.	0.	0.	0.	0.
378~Link	Qm	0.	0.	0.	0.	0.	0.
378~Link	Qs	0.	0.	0.	0.	0.	0.

Table 24: Joint Displacements

Joint	OutputCase	U1	U2	U3	R1	R2	R3
		mm	mm	mm	Radians	Radians	Radians
378~Link	T+	0.	0.	0.	0.	0.	0.
378~Link	T-	0.	0.	0.	0.	0.	0.
378~Link	W	0.	0.	0.	0.	0.	0.
378~Link	Qm-1	0.	0.	0.	0.	0.	0.
378~Link	Qm-2	0.	0.	0.	0.	0.	0.
379~Link	DEAD	0.	0.	0.	0.	0.	0.
379~Link	G1	0.	0.	0.	0.	0.	0.
379~Link	G2	0.	0.	0.	0.	0.	0.
379~Link	Qm	0.	0.	0.	0.	0.	0.
379~Link	Qs	0.	0.	0.	0.	0.	0.
379~Link	T+	0.	0.	0.	0.	0.	0.
379~Link	T-	0.	0.	0.	0.	0.	0.
379~Link	W	0.	0.	0.	0.	0.	0.
379~Link	Qm-1	0.	0.	0.	0.	0.	0.
379~Link	Qm-2	0.	0.	0.	0.	0.	0.
380~Link	DEAD	0.	0.	0.	0.	0.	0.
380~Link	G1	0.	0.	0.	0.	0.	0.
380~Link	G2	0.	0.	0.	0.	0.	0.
380~Link	Qm	0.	0.	0.	0.	0.	0.
380~Link	Qs	0.	0.	0.	0.	0.	0.
380~Link	T+	0.	0.	0.	0.	0.	0.
380~Link	T-	0.	0.	0.	0.	0.	0.
380~Link	W	0.	0.	0.	0.	0.	0.
380~Link	Qm-1	0.	0.	0.	0.	0.	0.
380~Link	Qm-2	0.	0.	0.	0.	0.	0.
381~Link	DEAD	0.	0.	0.	0.	0.	0.
381~Link	G1	0.	0.	0.	0.	0.	0.
381~Link	G2	0.	0.	0.	0.	0.	0.
381~Link	Qm	0.	0.	0.	0.	0.	0.
381~Link	Qs	0.	0.	0.	0.	0.	0.
381~Link	T+	0.	0.	0.	0.	0.	0.
381~Link	T-	0.	0.	0.	0.	0.	0.
381~Link	W	0.	0.	0.	0.	0.	0.
381~Link	Qm-1	0.	0.	0.	0.	0.	0.
381~Link	Qm-2	0.	0.	0.	0.	0.	0.
382~Link	DEAD	0.	0.	0.	0.	0.	0.
382~Link	G1	0.	0.	0.	0.	0.	0.
382~Link	G2	0.	0.	0.	0.	0.	0.
382~Link	Qm	0.	0.	0.	0.	0.	0.
382~Link	Qs	0.	0.	0.	0.	0.	0.
382~Link	T+	0.	0.	0.	0.	0.	0.
382~Link	T-	0.	0.	0.	0.	0.	0.
382~Link	W	0.	0.	0.	0.	0.	0.
382~Link	Qm-1	0.	0.	0.	0.	0.	0.
382~Link	Qm-2	0.	0.	0.	0.	0.	0.
383~Link	DEAD	0.	0.	0.	0.	0.	0.
383~Link	G1	0.	0.	0.	0.	0.	0.
383~Link	G2	0.	0.	0.	0.	0.	0.
383~Link	Qm	0.	0.	0.	0.	0.	0.
383~Link	Qs	0.	0.	0.	0.	0.	0.
383~Link	T+	0.	0.	0.	0.	0.	0.
383~Link	T-	0.	0.	0.	0.	0.	0.
383~Link	W	0.	0.	0.	0.	0.	0.
383~Link	Qm-1	0.	0.	0.	0.	0.	0.

Table 24: Joint Displacements

Joint	OutputCase	U1	U2	U3	R1	R2	R3
		mm	mm	mm	Radians	Radians	Radians
383~Link	Qm-2	0.	0.	0.	0.	0.	0.
384~Link	DEAD	0.	0.	0.	0.	0.	0.
384~Link	G1	0.	0.	0.	0.	0.	0.
384~Link	G2	0.	0.	0.	0.	0.	0.
384~Link	Qm	0.	0.	0.	0.	0.	0.
384~Link	Qs	0.	0.	0.	0.	0.	0.
384~Link	T+	0.	0.	0.	0.	0.	0.
384~Link	T-	0.	0.	0.	0.	0.	0.
384~Link	W	0.	0.	0.	0.	0.	0.
384~Link	Qm-1	0.	0.	0.	0.	0.	0.
384~Link	Qm-2	0.	0.	0.	0.	0.	0.
385~Link	DEAD	0.	0.	0.	0.	0.	0.
385~Link	G1	0.	0.	0.	0.	0.	0.
385~Link	G2	0.	0.	0.	0.	0.	0.
385~Link	Qm	0.	0.	0.	0.	0.	0.
385~Link	Qs	0.	0.	0.	0.	0.	0.
385~Link	T+	0.	0.	0.	0.	0.	0.
385~Link	T-	0.	0.	0.	0.	0.	0.
385~Link	W	0.	0.	0.	0.	0.	0.
385~Link	Qm-1	0.	0.	0.	0.	0.	0.
385~Link	Qm-2	0.	0.	0.	0.	0.	0.
386~Link	DEAD	0.	0.	0.	0.	0.	0.
386~Link	G1	0.	0.	0.	0.	0.	0.
386~Link	G2	0.	0.	0.	0.	0.	0.
386~Link	Qm	0.	0.	0.	0.	0.	0.
386~Link	Qs	0.	0.	0.	0.	0.	0.
386~Link	T+	0.	0.	0.	0.	0.	0.
386~Link	T-	0.	0.	0.	0.	0.	0.
386~Link	W	0.	0.	0.	0.	0.	0.
386~Link	Qm-1	0.	0.	0.	0.	0.	0.
386~Link	Qm-2	0.	0.	0.	0.	0.	0.
387~Link	DEAD	0.	0.	0.	0.	0.	0.
387~Link	G1	0.	0.	0.	0.	0.	0.
387~Link	G2	0.	0.	0.	0.	0.	0.
387~Link	Qm	0.	0.	0.	0.	0.	0.
387~Link	Qs	0.	0.	0.	0.	0.	0.
387~Link	T+	0.	0.	0.	0.	0.	0.
387~Link	T-	0.	0.	0.	0.	0.	0.
387~Link	W	0.	0.	0.	0.	0.	0.
387~Link	Qm-1	0.	0.	0.	0.	0.	0.
387~Link	Qm-2	0.	0.	0.	0.	0.	0.
388~Link	DEAD	0.	0.	0.	0.	0.	0.
388~Link	G1	0.	0.	0.	0.	0.	0.
388~Link	G2	0.	0.	0.	0.	0.	0.
388~Link	Qm	0.	0.	0.	0.	0.	0.
388~Link	Qs	0.	0.	0.	0.	0.	0.
388~Link	T+	0.	0.	0.	0.	0.	0.
388~Link	T-	0.	0.	0.	0.	0.	0.
388~Link	W	0.	0.	0.	0.	0.	0.
388~Link	Qm-1	0.	0.	0.	0.	0.	0.
388~Link	Qm-2	0.	0.	0.	0.	0.	0.
389~Link	DEAD	0.	0.	0.	0.	0.	0.
389~Link	G1	0.	0.	0.	0.	0.	0.
389~Link	G2	0.	0.	0.	0.	0.	0.

Table 24: Joint Displacements

Joint	OutputCase	U1	U2	U3	R1	R2	R3
		mm	mm	mm	Radians	Radians	Radians
389~Link	Qm	0.	0.	0.	0.	0.	0.
389~Link	Qs	0.	0.	0.	0.	0.	0.
389~Link	T+	0.	0.	0.	0.	0.	0.
389~Link	T-	0.	0.	0.	0.	0.	0.
389~Link	W	0.	0.	0.	0.	0.	0.
389~Link	Qm-1	0.	0.	0.	0.	0.	0.
389~Link	Qm-2	0.	0.	0.	0.	0.	0.
390~Link	DEAD	0.	0.	0.	0.	0.	0.
390~Link	G1	0.	0.	0.	0.	0.	0.
390~Link	G2	0.	0.	0.	0.	0.	0.
390~Link	Qm	0.	0.	0.	0.	0.	0.
390~Link	Qs	0.	0.	0.	0.	0.	0.
390~Link	T+	0.	0.	0.	0.	0.	0.
390~Link	T-	0.	0.	0.	0.	0.	0.
390~Link	W	0.	0.	0.	0.	0.	0.
390~Link	Qm-1	0.	0.	0.	0.	0.	0.
390~Link	Qm-2	0.	0.	0.	0.	0.	0.
391~Link	DEAD	0.	0.	0.	0.	0.	0.
391~Link	G1	0.	0.	0.	0.	0.	0.
391~Link	G2	0.	0.	0.	0.	0.	0.
391~Link	Qm	0.	0.	0.	0.	0.	0.
391~Link	Qs	0.	0.	0.	0.	0.	0.
391~Link	T+	0.	0.	0.	0.	0.	0.
391~Link	T-	0.	0.	0.	0.	0.	0.
391~Link	W	0.	0.	0.	0.	0.	0.
391~Link	Qm-1	0.	0.	0.	0.	0.	0.
391~Link	Qm-2	0.	0.	0.	0.	0.	0.
392~Link	DEAD	0.	0.	0.	0.	0.	0.
392~Link	G1	0.	0.	0.	0.	0.	0.
392~Link	G2	0.	0.	0.	0.	0.	0.
392~Link	Qm	0.	0.	0.	0.	0.	0.
392~Link	Qs	0.	0.	0.	0.	0.	0.
392~Link	T+	0.	0.	0.	0.	0.	0.
392~Link	T-	0.	0.	0.	0.	0.	0.
392~Link	W	0.	0.	0.	0.	0.	0.
392~Link	Qm-1	0.	0.	0.	0.	0.	0.
392~Link	Qm-2	0.	0.	0.	0.	0.	0.
393~Link	DEAD	0.	0.	0.	0.	0.	0.
393~Link	G1	0.	0.	0.	0.	0.	0.
393~Link	G2	0.	0.	0.	0.	0.	0.
393~Link	Qm	0.	0.	0.	0.	0.	0.
393~Link	Qs	0.	0.	0.	0.	0.	0.
393~Link	T+	0.	0.	0.	0.	0.	0.
393~Link	T-	0.	0.	0.	0.	0.	0.
393~Link	W	0.	0.	0.	0.	0.	0.
393~Link	Qm-1	0.	0.	0.	0.	0.	0.
393~Link	Qm-2	0.	0.	0.	0.	0.	0.
394~Link	DEAD	0.	0.	0.	0.	0.	0.
394~Link	G1	0.	0.	0.	0.	0.	0.
394~Link	G2	0.	0.	0.	0.	0.	0.
394~Link	Qm	0.	0.	0.	0.	0.	0.
394~Link	Qs	0.	0.	0.	0.	0.	0.
394~Link	T+	0.	0.	0.	0.	0.	0.
394~Link	T-	0.	0.	0.	0.	0.	0.

Table 24: Joint Displacements

Joint	OutputCase	U1	U2	U3	R1	R2	R3
		mm	mm	mm	Radians	Radians	Radians
394~Link	W	0.	0.	0.	0.	0.	0.
394~Link	Qm-1	0.	0.	0.	0.	0.	0.
394~Link	Qm-2	0.	0.	0.	0.	0.	0.
395~Link	DEAD	0.	0.	0.	0.	0.	0.
395~Link	G1	0.	0.	0.	0.	0.	0.
395~Link	G2	0.	0.	0.	0.	0.	0.
395~Link	Qm	0.	0.	0.	0.	0.	0.
395~Link	Qs	0.	0.	0.	0.	0.	0.
395~Link	T+	0.	0.	0.	0.	0.	0.
395~Link	T-	0.	0.	0.	0.	0.	0.
395~Link	W	0.	0.	0.	0.	0.	0.
395~Link	Qm-1	0.	0.	0.	0.	0.	0.
395~Link	Qm-2	0.	0.	0.	0.	0.	0.
396~Link	DEAD	0.	0.	0.	0.	0.	0.
396~Link	G1	0.	0.	0.	0.	0.	0.
396~Link	G2	0.	0.	0.	0.	0.	0.
396~Link	Qm	0.	0.	0.	0.	0.	0.
396~Link	Qs	0.	0.	0.	0.	0.	0.
396~Link	T+	0.	0.	0.	0.	0.	0.
396~Link	T-	0.	0.	0.	0.	0.	0.
396~Link	W	0.	0.	0.	0.	0.	0.
396~Link	Qm-1	0.	0.	0.	0.	0.	0.
396~Link	Qm-2	0.	0.	0.	0.	0.	0.
398~Link	DEAD	0.	0.	0.	0.	0.	0.
398~Link	G1	0.	0.	0.	0.	0.	0.
398~Link	G2	0.	0.	0.	0.	0.	0.
398~Link	Qm	0.	0.	0.	0.	0.	0.
398~Link	Qs	0.	0.	0.	0.	0.	0.
398~Link	T+	0.	0.	0.	0.	0.	0.
398~Link	T-	0.	0.	0.	0.	0.	0.
398~Link	W	0.	0.	0.	0.	0.	0.
398~Link	Qm-1	0.	0.	0.	0.	0.	0.
398~Link	Qm-2	0.	0.	0.	0.	0.	0.
397~Link	DEAD	0.	0.	0.	0.	0.	0.
397~Link	G1	0.	0.	0.	0.	0.	0.
397~Link	G2	0.	0.	0.	0.	0.	0.
397~Link	Qm	0.	0.	0.	0.	0.	0.
397~Link	Qs	0.	0.	0.	0.	0.	0.
397~Link	T+	0.	0.	0.	0.	0.	0.
397~Link	T-	0.	0.	0.	0.	0.	0.
397~Link	W	0.	0.	0.	0.	0.	0.
397~Link	Qm-1	0.	0.	0.	0.	0.	0.
397~Link	Qm-2	0.	0.	0.	0.	0.	0.
399~Link	DEAD	0.	0.	0.	0.	0.	0.
399~Link	G1	0.	0.	0.	0.	0.	0.
399~Link	G2	0.	0.	0.	0.	0.	0.
399~Link	Qm	0.	0.	0.	0.	0.	0.
399~Link	Qs	0.	0.	0.	0.	0.	0.
399~Link	T+	0.	0.	0.	0.	0.	0.
399~Link	T-	0.	0.	0.	0.	0.	0.
399~Link	W	0.	0.	0.	0.	0.	0.
399~Link	Qm-1	0.	0.	0.	0.	0.	0.
399~Link	Qm-2	0.	0.	0.	0.	0.	0.
400~Link	DEAD	0.	0.	0.	0.	0.	0.

Table 24: Joint Displacements

Joint	OutputCase	U1	U2	U3	R1	R2	R3
		mm	mm	mm	Radians	Radians	Radians
400~Link	G1	0.	0.	0.	0.	0.	0.
400~Link	G2	0.	0.	0.	0.	0.	0.
400~Link	Qm	0.	0.	0.	0.	0.	0.
400~Link	Qs	0.	0.	0.	0.	0.	0.
400~Link	T+	0.	0.	0.	0.	0.	0.
400~Link	T-	0.	0.	0.	0.	0.	0.
400~Link	W	0.	0.	0.	0.	0.	0.
400~Link	Qm-1	0.	0.	0.	0.	0.	0.
400~Link	Qm-2	0.	0.	0.	0.	0.	0.
401~Link	DEAD	0.	0.	0.	0.	0.	0.
401~Link	G1	0.	0.	0.	0.	0.	0.
401~Link	G2	0.	0.	0.	0.	0.	0.
401~Link	Qm	0.	0.	0.	0.	0.	0.
401~Link	Qs	0.	0.	0.	0.	0.	0.
401~Link	T+	0.	0.	0.	0.	0.	0.
401~Link	T-	0.	0.	0.	0.	0.	0.
401~Link	W	0.	0.	0.	0.	0.	0.
401~Link	Qm-1	0.	0.	0.	0.	0.	0.
401~Link	Qm-2	0.	0.	0.	0.	0.	0.
402~Link	DEAD	0.	0.	0.	0.	0.	0.
402~Link	G1	0.	0.	0.	0.	0.	0.
402~Link	G2	0.	0.	0.	0.	0.	0.
402~Link	Qm	0.	0.	0.	0.	0.	0.
402~Link	Qs	0.	0.	0.	0.	0.	0.
402~Link	T+	0.	0.	0.	0.	0.	0.
402~Link	T-	0.	0.	0.	0.	0.	0.
402~Link	W	0.	0.	0.	0.	0.	0.
402~Link	Qm-1	0.	0.	0.	0.	0.	0.
402~Link	Qm-2	0.	0.	0.	0.	0.	0.
403~Link	DEAD	0.	0.	0.	0.	0.	0.
403~Link	G1	0.	0.	0.	0.	0.	0.
403~Link	G2	0.	0.	0.	0.	0.	0.
403~Link	Qm	0.	0.	0.	0.	0.	0.
403~Link	Qs	0.	0.	0.	0.	0.	0.
403~Link	T+	0.	0.	0.	0.	0.	0.
403~Link	T-	0.	0.	0.	0.	0.	0.
403~Link	W	0.	0.	0.	0.	0.	0.
403~Link	Qm-1	0.	0.	0.	0.	0.	0.
403~Link	Qm-2	0.	0.	0.	0.	0.	0.
404~Link	DEAD	0.	0.	0.	0.	0.	0.
404~Link	G1	0.	0.	0.	0.	0.	0.
404~Link	G2	0.	0.	0.	0.	0.	0.
404~Link	Qm	0.	0.	0.	0.	0.	0.
404~Link	Qs	0.	0.	0.	0.	0.	0.
404~Link	T+	0.	0.	0.	0.	0.	0.
404~Link	T-	0.	0.	0.	0.	0.	0.
404~Link	W	0.	0.	0.	0.	0.	0.
404~Link	Qm-1	0.	0.	0.	0.	0.	0.
404~Link	Qm-2	0.	0.	0.	0.	0.	0.
405~Link	DEAD	0.	0.	0.	0.	0.	0.
405~Link	G1	0.	0.	0.	0.	0.	0.
405~Link	G2	0.	0.	0.	0.	0.	0.
405~Link	Qm	0.	0.	0.	0.	0.	0.
405~Link	Qs	0.	0.	0.	0.	0.	0.

Table 24: Joint Displacements

Joint	OutputCase	U1	U2	U3	R1	R2	R3
		mm	mm	mm	Radians	Radians	Radians
405~Link	T+	0.	0.	0.	0.	0.	0.
405~Link	T-	0.	0.	0.	0.	0.	0.
405~Link	W	0.	0.	0.	0.	0.	0.
405~Link	Qm-1	0.	0.	0.	0.	0.	0.
405~Link	Qm-2	0.	0.	0.	0.	0.	0.
406~Link	DEAD	0.	0.	0.	0.	0.	0.
406~Link	G1	0.	0.	0.	0.	0.	0.
406~Link	G2	0.	0.	0.	0.	0.	0.
406~Link	Qm	0.	0.	0.	0.	0.	0.
406~Link	Qs	0.	0.	0.	0.	0.	0.
406~Link	T+	0.	0.	0.	0.	0.	0.
406~Link	T-	0.	0.	0.	0.	0.	0.
406~Link	W	0.	0.	0.	0.	0.	0.
406~Link	Qm-1	0.	0.	0.	0.	0.	0.
406~Link	Qm-2	0.	0.	0.	0.	0.	0.
407~Link	DEAD	0.	0.	0.	0.	0.	0.
407~Link	G1	0.	0.	0.	0.	0.	0.
407~Link	G2	0.	0.	0.	0.	0.	0.
407~Link	Qm	0.	0.	0.	0.	0.	0.
407~Link	Qs	0.	0.	0.	0.	0.	0.
407~Link	T+	0.	0.	0.	0.	0.	0.
407~Link	T-	0.	0.	0.	0.	0.	0.
407~Link	W	0.	0.	0.	0.	0.	0.
407~Link	Qm-1	0.	0.	0.	0.	0.	0.
407~Link	Qm-2	0.	0.	0.	0.	0.	0.
408~Link	DEAD	0.	0.	0.	0.	0.	0.
408~Link	G1	0.	0.	0.	0.	0.	0.
408~Link	G2	0.	0.	0.	0.	0.	0.
408~Link	Qm	0.	0.	0.	0.	0.	0.
408~Link	Qs	0.	0.	0.	0.	0.	0.
408~Link	T+	0.	0.	0.	0.	0.	0.
408~Link	T-	0.	0.	0.	0.	0.	0.
408~Link	W	0.	0.	0.	0.	0.	0.
408~Link	Qm-1	0.	0.	0.	0.	0.	0.
408~Link	Qm-2	0.	0.	0.	0.	0.	0.
409~Link	DEAD	0.	0.	0.	0.	0.	0.
409~Link	G1	0.	0.	0.	0.	0.	0.
409~Link	G2	0.	0.	0.	0.	0.	0.
409~Link	Qm	0.	0.	0.	0.	0.	0.
409~Link	Qs	0.	0.	0.	0.	0.	0.
409~Link	T+	0.	0.	0.	0.	0.	0.
409~Link	T-	0.	0.	0.	0.	0.	0.
409~Link	W	0.	0.	0.	0.	0.	0.
409~Link	Qm-1	0.	0.	0.	0.	0.	0.
409~Link	Qm-2	0.	0.	0.	0.	0.	0.
410~Link	DEAD	0.	0.	0.	0.	0.	0.
410~Link	G1	0.	0.	0.	0.	0.	0.
410~Link	G2	0.	0.	0.	0.	0.	0.
410~Link	Qm	0.	0.	0.	0.	0.	0.
410~Link	Qs	0.	0.	0.	0.	0.	0.
410~Link	T+	0.	0.	0.	0.	0.	0.
410~Link	T-	0.	0.	0.	0.	0.	0.
410~Link	W	0.	0.	0.	0.	0.	0.
410~Link	Qm-1	0.	0.	0.	0.	0.	0.

Table 24: Joint Displacements

Joint	OutputCase	U1	U2	U3	R1	R2	R3
		mm	mm	mm	Radians	Radians	Radians
410~Link	Qm-2	0.	0.	0.	0.	0.	0.
411~Link	DEAD	0.	0.	0.	0.	0.	0.
411~Link	G1	0.	0.	0.	0.	0.	0.
411~Link	G2	0.	0.	0.	0.	0.	0.
411~Link	Qm	0.	0.	0.	0.	0.	0.
411~Link	Qs	0.	0.	0.	0.	0.	0.
411~Link	T+	0.	0.	0.	0.	0.	0.
411~Link	T-	0.	0.	0.	0.	0.	0.
411~Link	W	0.	0.	0.	0.	0.	0.
411~Link	Qm-1	0.	0.	0.	0.	0.	0.
411~Link	Qm-2	0.	0.	0.	0.	0.	0.
412~Link	DEAD	0.	0.	0.	0.	0.	0.
412~Link	G1	0.	0.	0.	0.	0.	0.
412~Link	G2	0.	0.	0.	0.	0.	0.
412~Link	Qm	0.	0.	0.	0.	0.	0.
412~Link	Qs	0.	0.	0.	0.	0.	0.
412~Link	T+	0.	0.	0.	0.	0.	0.
412~Link	T-	0.	0.	0.	0.	0.	0.
412~Link	W	0.	0.	0.	0.	0.	0.
412~Link	Qm-1	0.	0.	0.	0.	0.	0.
412~Link	Qm-2	0.	0.	0.	0.	0.	0.
413~Link	DEAD	0.	0.	0.	0.	0.	0.
413~Link	G1	0.	0.	0.	0.	0.	0.
413~Link	G2	0.	0.	0.	0.	0.	0.
413~Link	Qm	0.	0.	0.	0.	0.	0.
413~Link	Qs	0.	0.	0.	0.	0.	0.
413~Link	T+	0.	0.	0.	0.	0.	0.
413~Link	T-	0.	0.	0.	0.	0.	0.
413~Link	W	0.	0.	0.	0.	0.	0.
413~Link	Qm-1	0.	0.	0.	0.	0.	0.
413~Link	Qm-2	0.	0.	0.	0.	0.	0.
414~Link	DEAD	0.	0.	0.	0.	0.	0.
414~Link	G1	0.	0.	0.	0.	0.	0.
414~Link	G2	0.	0.	0.	0.	0.	0.
414~Link	Qm	0.	0.	0.	0.	0.	0.
414~Link	Qs	0.	0.	0.	0.	0.	0.
414~Link	T+	0.	0.	0.	0.	0.	0.
414~Link	T-	0.	0.	0.	0.	0.	0.
414~Link	W	0.	0.	0.	0.	0.	0.
414~Link	Qm-1	0.	0.	0.	0.	0.	0.
414~Link	Qm-2	0.	0.	0.	0.	0.	0.
415~Link	DEAD	0.	0.	0.	0.	0.	0.
415~Link	G1	0.	0.	0.	0.	0.	0.
415~Link	G2	0.	0.	0.	0.	0.	0.
415~Link	Qm	0.	0.	0.	0.	0.	0.
415~Link	Qs	0.	0.	0.	0.	0.	0.
415~Link	T+	0.	0.	0.	0.	0.	0.
415~Link	T-	0.	0.	0.	0.	0.	0.
415~Link	W	0.	0.	0.	0.	0.	0.
415~Link	Qm-1	0.	0.	0.	0.	0.	0.
415~Link	Qm-2	0.	0.	0.	0.	0.	0.
416~Link	DEAD	0.	0.	0.	0.	0.	0.
416~Link	G1	0.	0.	0.	0.	0.	0.
416~Link	G2	0.	0.	0.	0.	0.	0.

Table 24: Joint Displacements

Joint	OutputCase	U1	U2	U3	R1	R2	R3
		mm	mm	mm	Radians	Radians	Radians
416~Link	Qm	0.	0.	0.	0.	0.	0.
416~Link	Qs	0.	0.	0.	0.	0.	0.
416~Link	T+	0.	0.	0.	0.	0.	0.
416~Link	T-	0.	0.	0.	0.	0.	0.
416~Link	W	0.	0.	0.	0.	0.	0.
416~Link	Qm-1	0.	0.	0.	0.	0.	0.
416~Link	Qm-2	0.	0.	0.	0.	0.	0.
417~Link	DEAD	0.	0.	0.	0.	0.	0.
417~Link	G1	0.	0.	0.	0.	0.	0.
417~Link	G2	0.	0.	0.	0.	0.	0.
417~Link	Qm	0.	0.	0.	0.	0.	0.
417~Link	Qs	0.	0.	0.	0.	0.	0.
417~Link	T+	0.	0.	0.	0.	0.	0.
417~Link	T-	0.	0.	0.	0.	0.	0.
417~Link	W	0.	0.	0.	0.	0.	0.
417~Link	Qm-1	0.	0.	0.	0.	0.	0.
417~Link	Qm-2	0.	0.	0.	0.	0.	0.
418~Link	DEAD	0.	0.	0.	0.	0.	0.
418~Link	G1	0.	0.	0.	0.	0.	0.
418~Link	G2	0.	0.	0.	0.	0.	0.
418~Link	Qm	0.	0.	0.	0.	0.	0.
418~Link	Qs	0.	0.	0.	0.	0.	0.
418~Link	T+	0.	0.	0.	0.	0.	0.
418~Link	T-	0.	0.	0.	0.	0.	0.
418~Link	W	0.	0.	0.	0.	0.	0.
418~Link	Qm-1	0.	0.	0.	0.	0.	0.
418~Link	Qm-2	0.	0.	0.	0.	0.	0.
419~Link	DEAD	0.	0.	0.	0.	0.	0.
419~Link	G1	0.	0.	0.	0.	0.	0.
419~Link	G2	0.	0.	0.	0.	0.	0.
419~Link	Qm	0.	0.	0.	0.	0.	0.
419~Link	Qs	0.	0.	0.	0.	0.	0.
419~Link	T+	0.	0.	0.	0.	0.	0.
419~Link	T-	0.	0.	0.	0.	0.	0.
419~Link	W	0.	0.	0.	0.	0.	0.
419~Link	Qm-1	0.	0.	0.	0.	0.	0.
419~Link	Qm-2	0.	0.	0.	0.	0.	0.
420~Link	DEAD	0.	0.	0.	0.	0.	0.
420~Link	G1	0.	0.	0.	0.	0.	0.
420~Link	G2	0.	0.	0.	0.	0.	0.
420~Link	Qm	0.	0.	0.	0.	0.	0.
420~Link	Qs	0.	0.	0.	0.	0.	0.
420~Link	T+	0.	0.	0.	0.	0.	0.
420~Link	T-	0.	0.	0.	0.	0.	0.
420~Link	W	0.	0.	0.	0.	0.	0.
420~Link	Qm-1	0.	0.	0.	0.	0.	0.
420~Link	Qm-2	0.	0.	0.	0.	0.	0.
421~Link	DEAD	0.	0.	0.	0.	0.	0.
421~Link	G1	0.	0.	0.	0.	0.	0.
421~Link	G2	0.	0.	0.	0.	0.	0.
421~Link	Qm	0.	0.	0.	0.	0.	0.
421~Link	Qs	0.	0.	0.	0.	0.	0.
421~Link	T+	0.	0.	0.	0.	0.	0.
421~Link	T-	0.	0.	0.	0.	0.	0.

Table 24: Joint Displacements

Joint	OutputCase	U1	U2	U3	R1	R2	R3
		mm	mm	mm	Radians	Radians	Radians
421~Link	W	0.	0.	0.	0.	0.	0.
421~Link	Qm-1	0.	0.	0.	0.	0.	0.
421~Link	Qm-2	0.	0.	0.	0.	0.	0.
422~Link	DEAD	0.	0.	0.	0.	0.	0.
422~Link	G1	0.	0.	0.	0.	0.	0.
422~Link	G2	0.	0.	0.	0.	0.	0.
422~Link	Qm	0.	0.	0.	0.	0.	0.
422~Link	Qs	0.	0.	0.	0.	0.	0.
422~Link	T+	0.	0.	0.	0.	0.	0.
422~Link	T-	0.	0.	0.	0.	0.	0.
422~Link	W	0.	0.	0.	0.	0.	0.
422~Link	Qm-1	0.	0.	0.	0.	0.	0.
422~Link	Qm-2	0.	0.	0.	0.	0.	0.
424~Link	DEAD	0.	0.	0.	0.	0.	0.
424~Link	G1	0.	0.	0.	0.	0.	0.
424~Link	G2	0.	0.	0.	0.	0.	0.
424~Link	Qm	0.	0.	0.	0.	0.	0.
424~Link	Qs	0.	0.	0.	0.	0.	0.
424~Link	T+	0.	0.	0.	0.	0.	0.
424~Link	T-	0.	0.	0.	0.	0.	0.
424~Link	W	0.	0.	0.	0.	0.	0.
424~Link	Qm-1	0.	0.	0.	0.	0.	0.
424~Link	Qm-2	0.	0.	0.	0.	0.	0.
423~Link	DEAD	0.	0.	0.	0.	0.	0.
423~Link	G1	0.	0.	0.	0.	0.	0.
423~Link	G2	0.	0.	0.	0.	0.	0.
423~Link	Qm	0.	0.	0.	0.	0.	0.
423~Link	Qs	0.	0.	0.	0.	0.	0.
423~Link	T+	0.	0.	0.	0.	0.	0.
423~Link	T-	0.	0.	0.	0.	0.	0.
423~Link	W	0.	0.	0.	0.	0.	0.
423~Link	Qm-1	0.	0.	0.	0.	0.	0.
423~Link	Qm-2	0.	0.	0.	0.	0.	0.
425~Link	DEAD	0.	0.	0.	0.	0.	0.
425~Link	G1	0.	0.	0.	0.	0.	0.
425~Link	G2	0.	0.	0.	0.	0.	0.
425~Link	Qm	0.	0.	0.	0.	0.	0.
425~Link	Qs	0.	0.	0.	0.	0.	0.
425~Link	T+	0.	0.	0.	0.	0.	0.
425~Link	T-	0.	0.	0.	0.	0.	0.
425~Link	W	0.	0.	0.	0.	0.	0.
425~Link	Qm-1	0.	0.	0.	0.	0.	0.
425~Link	Qm-2	0.	0.	0.	0.	0.	0.
426~Link	DEAD	0.	0.	0.	0.	0.	0.
426~Link	G1	0.	0.	0.	0.	0.	0.
426~Link	G2	0.	0.	0.	0.	0.	0.
426~Link	Qm	0.	0.	0.	0.	0.	0.
426~Link	Qs	0.	0.	0.	0.	0.	0.
426~Link	T+	0.	0.	0.	0.	0.	0.
426~Link	T-	0.	0.	0.	0.	0.	0.
426~Link	W	0.	0.	0.	0.	0.	0.
426~Link	Qm-1	0.	0.	0.	0.	0.	0.
426~Link	Qm-2	0.	0.	0.	0.	0.	0.
427~Link	DEAD	0.	0.	0.	0.	0.	0.

Table 24: Joint Displacements

Joint	OutputCase	U1	U2	U3	R1	R2	R3
		mm	mm	mm	Radians	Radians	Radians
427~Link	G1	0.	0.	0.	0.	0.	0.
427~Link	G2	0.	0.	0.	0.	0.	0.
427~Link	Qm	0.	0.	0.	0.	0.	0.
427~Link	Qs	0.	0.	0.	0.	0.	0.
427~Link	T+	0.	0.	0.	0.	0.	0.
427~Link	T-	0.	0.	0.	0.	0.	0.
427~Link	W	0.	0.	0.	0.	0.	0.
427~Link	Qm-1	0.	0.	0.	0.	0.	0.
427~Link	Qm-2	0.	0.	0.	0.	0.	0.
428~Link	DEAD	0.	0.	0.	0.	0.	0.
428~Link	G1	0.	0.	0.	0.	0.	0.
428~Link	G2	0.	0.	0.	0.	0.	0.
428~Link	Qm	0.	0.	0.	0.	0.	0.
428~Link	Qs	0.	0.	0.	0.	0.	0.
428~Link	T+	0.	0.	0.	0.	0.	0.
428~Link	T-	0.	0.	0.	0.	0.	0.
428~Link	W	0.	0.	0.	0.	0.	0.
428~Link	Qm-1	0.	0.	0.	0.	0.	0.
428~Link	Qm-2	0.	0.	0.	0.	0.	0.
429~Link	DEAD	0.	0.	0.	0.	0.	0.
429~Link	G1	0.	0.	0.	0.	0.	0.
429~Link	G2	0.	0.	0.	0.	0.	0.
429~Link	Qm	0.	0.	0.	0.	0.	0.
429~Link	Qs	0.	0.	0.	0.	0.	0.
429~Link	T+	0.	0.	0.	0.	0.	0.
429~Link	T-	0.	0.	0.	0.	0.	0.
429~Link	W	0.	0.	0.	0.	0.	0.
429~Link	Qm-1	0.	0.	0.	0.	0.	0.
429~Link	Qm-2	0.	0.	0.	0.	0.	0.
430~Link	DEAD	0.	0.	0.	0.	0.	0.
430~Link	G1	0.	0.	0.	0.	0.	0.
430~Link	G2	0.	0.	0.	0.	0.	0.
430~Link	Qm	0.	0.	0.	0.	0.	0.
430~Link	Qs	0.	0.	0.	0.	0.	0.
430~Link	T+	0.	0.	0.	0.	0.	0.
430~Link	T-	0.	0.	0.	0.	0.	0.
430~Link	W	0.	0.	0.	0.	0.	0.
430~Link	Qm-1	0.	0.	0.	0.	0.	0.
430~Link	Qm-2	0.	0.	0.	0.	0.	0.
431~Link	DEAD	0.	0.	0.	0.	0.	0.
431~Link	G1	0.	0.	0.	0.	0.	0.
431~Link	G2	0.	0.	0.	0.	0.	0.
431~Link	Qm	0.	0.	0.	0.	0.	0.
431~Link	Qs	0.	0.	0.	0.	0.	0.
431~Link	T+	0.	0.	0.	0.	0.	0.
431~Link	T-	0.	0.	0.	0.	0.	0.
431~Link	W	0.	0.	0.	0.	0.	0.
431~Link	Qm-1	0.	0.	0.	0.	0.	0.
431~Link	Qm-2	0.	0.	0.	0.	0.	0.
432~Link	DEAD	0.	0.	0.	0.	0.	0.
432~Link	G1	0.	0.	0.	0.	0.	0.
432~Link	G2	0.	0.	0.	0.	0.	0.
432~Link	Qm	0.	0.	0.	0.	0.	0.
432~Link	Qs	0.	0.	0.	0.	0.	0.

Table 24: Joint Displacements

Joint	OutputCase	U1	U2	U3	R1	R2	R3
		mm	mm	mm	Radians	Radians	Radians
432~Link	T+	0.	0.	0.	0.	0.	0.
432~Link	T-	0.	0.	0.	0.	0.	0.
432~Link	W	0.	0.	0.	0.	0.	0.
432~Link	Qm-1	0.	0.	0.	0.	0.	0.
432~Link	Qm-2	0.	0.	0.	0.	0.	0.
433~Link	DEAD	0.	0.	0.	0.	0.	0.
433~Link	G1	0.	0.	0.	0.	0.	0.
433~Link	G2	0.	0.	0.	0.	0.	0.
433~Link	Qm	0.	0.	0.	0.	0.	0.
433~Link	Qs	0.	0.	0.	0.	0.	0.
433~Link	T+	0.	0.	0.	0.	0.	0.
433~Link	T-	0.	0.	0.	0.	0.	0.
433~Link	W	0.	0.	0.	0.	0.	0.
433~Link	Qm-1	0.	0.	0.	0.	0.	0.
433~Link	Qm-2	0.	0.	0.	0.	0.	0.
434~Link	DEAD	0.	0.	0.	0.	0.	0.
434~Link	G1	0.	0.	0.	0.	0.	0.
434~Link	G2	0.	0.	0.	0.	0.	0.
434~Link	Qm	0.	0.	0.	0.	0.	0.
434~Link	Qs	0.	0.	0.	0.	0.	0.
434~Link	T+	0.	0.	0.	0.	0.	0.
434~Link	T-	0.	0.	0.	0.	0.	0.
434~Link	W	0.	0.	0.	0.	0.	0.
434~Link	Qm-1	0.	0.	0.	0.	0.	0.
434~Link	Qm-2	0.	0.	0.	0.	0.	0.
435~Link	DEAD	0.	0.	0.	0.	0.	0.
435~Link	G1	0.	0.	0.	0.	0.	0.
435~Link	G2	0.	0.	0.	0.	0.	0.
435~Link	Qm	0.	0.	0.	0.	0.	0.
435~Link	Qs	0.	0.	0.	0.	0.	0.
435~Link	T+	0.	0.	0.	0.	0.	0.
435~Link	T-	0.	0.	0.	0.	0.	0.
435~Link	W	0.	0.	0.	0.	0.	0.
435~Link	Qm-1	0.	0.	0.	0.	0.	0.
435~Link	Qm-2	0.	0.	0.	0.	0.	0.
436~Link	DEAD	0.	0.	0.	0.	0.	0.
436~Link	G1	0.	0.	0.	0.	0.	0.
436~Link	G2	0.	0.	0.	0.	0.	0.
436~Link	Qm	0.	0.	0.	0.	0.	0.
436~Link	Qs	0.	0.	0.	0.	0.	0.
436~Link	T+	0.	0.	0.	0.	0.	0.
436~Link	T-	0.	0.	0.	0.	0.	0.
436~Link	W	0.	0.	0.	0.	0.	0.
436~Link	Qm-1	0.	0.	0.	0.	0.	0.
436~Link	Qm-2	0.	0.	0.	0.	0.	0.
437~Link	DEAD	0.	0.	0.	0.	0.	0.
437~Link	G1	0.	0.	0.	0.	0.	0.
437~Link	G2	0.	0.	0.	0.	0.	0.
437~Link	Qm	0.	0.	0.	0.	0.	0.
437~Link	Qs	0.	0.	0.	0.	0.	0.
437~Link	T+	0.	0.	0.	0.	0.	0.
437~Link	T-	0.	0.	0.	0.	0.	0.
437~Link	W	0.	0.	0.	0.	0.	0.
437~Link	Qm-1	0.	0.	0.	0.	0.	0.

Table 24: Joint Displacements

Joint	OutputCase	U1	U2	U3	R1	R2	R3
		mm	mm	mm	Radians	Radians	Radians
437~Link	Qm-2	0.	0.	0.	0.	0.	0.
438~Link	DEAD	0.	0.	0.	0.	0.	0.
438~Link	G1	0.	0.	0.	0.	0.	0.
438~Link	G2	0.	0.	0.	0.	0.	0.
438~Link	Qm	0.	0.	0.	0.	0.	0.
438~Link	Qs	0.	0.	0.	0.	0.	0.
438~Link	T+	0.	0.	0.	0.	0.	0.
438~Link	T-	0.	0.	0.	0.	0.	0.
438~Link	W	0.	0.	0.	0.	0.	0.
438~Link	Qm-1	0.	0.	0.	0.	0.	0.
438~Link	Qm-2	0.	0.	0.	0.	0.	0.
439~Link	DEAD	0.	0.	0.	0.	0.	0.
439~Link	G1	0.	0.	0.	0.	0.	0.
439~Link	G2	0.	0.	0.	0.	0.	0.
439~Link	Qm	0.	0.	0.	0.	0.	0.
439~Link	Qs	0.	0.	0.	0.	0.	0.
439~Link	T+	0.	0.	0.	0.	0.	0.
439~Link	T-	0.	0.	0.	0.	0.	0.
439~Link	W	0.	0.	0.	0.	0.	0.
439~Link	Qm-1	0.	0.	0.	0.	0.	0.
439~Link	Qm-2	0.	0.	0.	0.	0.	0.
440~Link	DEAD	0.	0.	0.	0.	0.	0.
440~Link	G1	0.	0.	0.	0.	0.	0.
440~Link	G2	0.	0.	0.	0.	0.	0.
440~Link	Qm	0.	0.	0.	0.	0.	0.
440~Link	Qs	0.	0.	0.	0.	0.	0.
440~Link	T+	0.	0.	0.	0.	0.	0.
440~Link	T-	0.	0.	0.	0.	0.	0.
440~Link	W	0.	0.	0.	0.	0.	0.
440~Link	Qm-1	0.	0.	0.	0.	0.	0.
440~Link	Qm-2	0.	0.	0.	0.	0.	0.
441~Link	DEAD	0.	0.	0.	0.	0.	0.
441~Link	G1	0.	0.	0.	0.	0.	0.
441~Link	G2	0.	0.	0.	0.	0.	0.
441~Link	Qm	0.	0.	0.	0.	0.	0.
441~Link	Qs	0.	0.	0.	0.	0.	0.
441~Link	T+	0.	0.	0.	0.	0.	0.
441~Link	T-	0.	0.	0.	0.	0.	0.
441~Link	W	0.	0.	0.	0.	0.	0.
441~Link	Qm-1	0.	0.	0.	0.	0.	0.
441~Link	Qm-2	0.	0.	0.	0.	0.	0.
442~Link	DEAD	0.	0.	0.	0.	0.	0.
442~Link	G1	0.	0.	0.	0.	0.	0.
442~Link	G2	0.	0.	0.	0.	0.	0.
442~Link	Qm	0.	0.	0.	0.	0.	0.
442~Link	Qs	0.	0.	0.	0.	0.	0.
442~Link	T+	0.	0.	0.	0.	0.	0.
442~Link	T-	0.	0.	0.	0.	0.	0.
442~Link	W	0.	0.	0.	0.	0.	0.
442~Link	Qm-1	0.	0.	0.	0.	0.	0.
442~Link	Qm-2	0.	0.	0.	0.	0.	0.
443~Link	DEAD	0.	0.	0.	0.	0.	0.
443~Link	G1	0.	0.	0.	0.	0.	0.
443~Link	G2	0.	0.	0.	0.	0.	0.

Table 24: Joint Displacements

Joint	OutputCase	U1	U2	U3	R1	R2	R3
		mm	mm	mm	Radians	Radians	Radians
443~Link	Qm	0.	0.	0.	0.	0.	0.
443~Link	Qs	0.	0.	0.	0.	0.	0.
443~Link	T+	0.	0.	0.	0.	0.	0.
443~Link	T-	0.	0.	0.	0.	0.	0.
443~Link	W	0.	0.	0.	0.	0.	0.
443~Link	Qm-1	0.	0.	0.	0.	0.	0.
443~Link	Qm-2	0.	0.	0.	0.	0.	0.
444~Link	DEAD	0.	0.	0.	0.	0.	0.
444~Link	G1	0.	0.	0.	0.	0.	0.
444~Link	G2	0.	0.	0.	0.	0.	0.
444~Link	Qm	0.	0.	0.	0.	0.	0.
444~Link	Qs	0.	0.	0.	0.	0.	0.
444~Link	T+	0.	0.	0.	0.	0.	0.
444~Link	T-	0.	0.	0.	0.	0.	0.
444~Link	W	0.	0.	0.	0.	0.	0.
444~Link	Qm-1	0.	0.	0.	0.	0.	0.
444~Link	Qm-2	0.	0.	0.	0.	0.	0.
445~Link	DEAD	0.	0.	0.	0.	0.	0.
445~Link	G1	0.	0.	0.	0.	0.	0.
445~Link	G2	0.	0.	0.	0.	0.	0.
445~Link	Qm	0.	0.	0.	0.	0.	0.
445~Link	Qs	0.	0.	0.	0.	0.	0.
445~Link	T+	0.	0.	0.	0.	0.	0.
445~Link	T-	0.	0.	0.	0.	0.	0.
445~Link	W	0.	0.	0.	0.	0.	0.
445~Link	Qm-1	0.	0.	0.	0.	0.	0.
445~Link	Qm-2	0.	0.	0.	0.	0.	0.
446~Link	DEAD	0.	0.	0.	0.	0.	0.
446~Link	G1	0.	0.	0.	0.	0.	0.
446~Link	G2	0.	0.	0.	0.	0.	0.
446~Link	Qm	0.	0.	0.	0.	0.	0.
446~Link	Qs	0.	0.	0.	0.	0.	0.
446~Link	T+	0.	0.	0.	0.	0.	0.
446~Link	T-	0.	0.	0.	0.	0.	0.
446~Link	W	0.	0.	0.	0.	0.	0.
446~Link	Qm-1	0.	0.	0.	0.	0.	0.
446~Link	Qm-2	0.	0.	0.	0.	0.	0.
447~Link	DEAD	0.	0.	0.	0.	0.	0.
447~Link	G1	0.	0.	0.	0.	0.	0.
447~Link	G2	0.	0.	0.	0.	0.	0.
447~Link	Qm	0.	0.	0.	0.	0.	0.
447~Link	Qs	0.	0.	0.	0.	0.	0.
447~Link	T+	0.	0.	0.	0.	0.	0.
447~Link	T-	0.	0.	0.	0.	0.	0.
447~Link	W	0.	0.	0.	0.	0.	0.
447~Link	Qm-1	0.	0.	0.	0.	0.	0.
447~Link	Qm-2	0.	0.	0.	0.	0.	0.
448~Link	DEAD	0.	0.	0.	0.	0.	0.
448~Link	G1	0.	0.	0.	0.	0.	0.
448~Link	G2	0.	0.	0.	0.	0.	0.
448~Link	Qm	0.	0.	0.	0.	0.	0.
448~Link	Qs	0.	0.	0.	0.	0.	0.
448~Link	T+	0.	0.	0.	0.	0.	0.
448~Link	T-	0.	0.	0.	0.	0.	0.

Table 24: Joint Displacements

Joint	OutputCase	U1	U2	U3	R1	R2	R3
		mm	mm	mm	Radians	Radians	Radians
448~Link	W	0.	0.	0.	0.	0.	0.
448~Link	Qm-1	0.	0.	0.	0.	0.	0.
448~Link	Qm-2	0.	0.	0.	0.	0.	0.
450~Link	DEAD	0.	0.	0.	0.	0.	0.
450~Link	G1	0.	0.	0.	0.	0.	0.
450~Link	G2	0.	0.	0.	0.	0.	0.
450~Link	Qm	0.	0.	0.	0.	0.	0.
450~Link	Qs	0.	0.	0.	0.	0.	0.
450~Link	T+	0.	0.	0.	0.	0.	0.
450~Link	T-	0.	0.	0.	0.	0.	0.
450~Link	W	0.	0.	0.	0.	0.	0.
450~Link	Qm-1	0.	0.	0.	0.	0.	0.
450~Link	Qm-2	0.	0.	0.	0.	0.	0.
449~Link	DEAD	0.	0.	0.	0.	0.	0.
449~Link	G1	0.	0.	0.	0.	0.	0.
449~Link	G2	0.	0.	0.	0.	0.	0.
449~Link	Qm	0.	0.	0.	0.	0.	0.
449~Link	Qs	0.	0.	0.	0.	0.	0.
449~Link	T+	0.	0.	0.	0.	0.	0.
449~Link	T-	0.	0.	0.	0.	0.	0.
449~Link	W	0.	0.	0.	0.	0.	0.
449~Link	Qm-1	0.	0.	0.	0.	0.	0.
449~Link	Qm-2	0.	0.	0.	0.	0.	0.
451~Link	DEAD	0.	0.	0.	0.	0.	0.
451~Link	G1	0.	0.	0.	0.	0.	0.
451~Link	G2	0.	0.	0.	0.	0.	0.
451~Link	Qm	0.	0.	0.	0.	0.	0.
451~Link	Qs	0.	0.	0.	0.	0.	0.
451~Link	T+	0.	0.	0.	0.	0.	0.
451~Link	T-	0.	0.	0.	0.	0.	0.
451~Link	W	0.	0.	0.	0.	0.	0.
451~Link	Qm-1	0.	0.	0.	0.	0.	0.
451~Link	Qm-2	0.	0.	0.	0.	0.	0.
452~Link	DEAD	0.	0.	0.	0.	0.	0.
452~Link	G1	0.	0.	0.	0.	0.	0.
452~Link	G2	0.	0.	0.	0.	0.	0.
452~Link	Qm	0.	0.	0.	0.	0.	0.
452~Link	Qs	0.	0.	0.	0.	0.	0.
452~Link	T+	0.	0.	0.	0.	0.	0.
452~Link	T-	0.	0.	0.	0.	0.	0.
452~Link	W	0.	0.	0.	0.	0.	0.
452~Link	Qm-1	0.	0.	0.	0.	0.	0.
452~Link	Qm-2	0.	0.	0.	0.	0.	0.
453~Link	DEAD	0.	0.	0.	0.	0.	0.
453~Link	G1	0.	0.	0.	0.	0.	0.
453~Link	G2	0.	0.	0.	0.	0.	0.
453~Link	Qm	0.	0.	0.	0.	0.	0.
453~Link	Qs	0.	0.	0.	0.	0.	0.
453~Link	T+	0.	0.	0.	0.	0.	0.
453~Link	T-	0.	0.	0.	0.	0.	0.
453~Link	W	0.	0.	0.	0.	0.	0.
453~Link	Qm-1	0.	0.	0.	0.	0.	0.
453~Link	Qm-2	0.	0.	0.	0.	0.	0.
454~Link	DEAD	0.	0.	0.	0.	0.	0.

Table 24: Joint Displacements

Joint	OutputCase	U1	U2	U3	R1	R2	R3
		mm	mm	mm	Radians	Radians	Radians
454~Link	G1	0.	0.	0.	0.	0.	0.
454~Link	G2	0.	0.	0.	0.	0.	0.
454~Link	Qm	0.	0.	0.	0.	0.	0.
454~Link	Qs	0.	0.	0.	0.	0.	0.
454~Link	T+	0.	0.	0.	0.	0.	0.
454~Link	T-	0.	0.	0.	0.	0.	0.
454~Link	W	0.	0.	0.	0.	0.	0.
454~Link	Qm-1	0.	0.	0.	0.	0.	0.
454~Link	Qm-2	0.	0.	0.	0.	0.	0.
455~Link	DEAD	0.	0.	0.	0.	0.	0.
455~Link	G1	0.	0.	0.	0.	0.	0.
455~Link	G2	0.	0.	0.	0.	0.	0.
455~Link	Qm	0.	0.	0.	0.	0.	0.
455~Link	Qs	0.	0.	0.	0.	0.	0.
455~Link	T+	0.	0.	0.	0.	0.	0.
455~Link	T-	0.	0.	0.	0.	0.	0.
455~Link	W	0.	0.	0.	0.	0.	0.
455~Link	Qm-1	0.	0.	0.	0.	0.	0.
455~Link	Qm-2	0.	0.	0.	0.	0.	0.
456~Link	DEAD	0.	0.	0.	0.	0.	0.
456~Link	G1	0.	0.	0.	0.	0.	0.
456~Link	G2	0.	0.	0.	0.	0.	0.
456~Link	Qm	0.	0.	0.	0.	0.	0.
456~Link	Qs	0.	0.	0.	0.	0.	0.
456~Link	T+	0.	0.	0.	0.	0.	0.
456~Link	T-	0.	0.	0.	0.	0.	0.
456~Link	W	0.	0.	0.	0.	0.	0.
456~Link	Qm-1	0.	0.	0.	0.	0.	0.
456~Link	Qm-2	0.	0.	0.	0.	0.	0.
457~Link	DEAD	0.	0.	0.	0.	0.	0.
457~Link	G1	0.	0.	0.	0.	0.	0.
457~Link	G2	0.	0.	0.	0.	0.	0.
457~Link	Qm	0.	0.	0.	0.	0.	0.
457~Link	Qs	0.	0.	0.	0.	0.	0.
457~Link	T+	0.	0.	0.	0.	0.	0.
457~Link	T-	0.	0.	0.	0.	0.	0.
457~Link	W	0.	0.	0.	0.	0.	0.
457~Link	Qm-1	0.	0.	0.	0.	0.	0.
457~Link	Qm-2	0.	0.	0.	0.	0.	0.
458~Link	DEAD	0.	0.	0.	0.	0.	0.
458~Link	G1	0.	0.	0.	0.	0.	0.
458~Link	G2	0.	0.	0.	0.	0.	0.
458~Link	Qm	0.	0.	0.	0.	0.	0.
458~Link	Qs	0.	0.	0.	0.	0.	0.
458~Link	T+	0.	0.	0.	0.	0.	0.
458~Link	T-	0.	0.	0.	0.	0.	0.
458~Link	W	0.	0.	0.	0.	0.	0.
458~Link	Qm-1	0.	0.	0.	0.	0.	0.
458~Link	Qm-2	0.	0.	0.	0.	0.	0.
459~Link	DEAD	0.	0.	0.	0.	0.	0.
459~Link	G1	0.	0.	0.	0.	0.	0.
459~Link	G2	0.	0.	0.	0.	0.	0.
459~Link	Qm	0.	0.	0.	0.	0.	0.
459~Link	Qs	0.	0.	0.	0.	0.	0.

Table 24: Joint Displacements

Joint	OutputCase	U1	U2	U3	R1	R2	R3
		mm	mm	mm	Radians	Radians	Radians
459~Link	T+	0.	0.	0.	0.	0.	0.
459~Link	T-	0.	0.	0.	0.	0.	0.
459~Link	W	0.	0.	0.	0.	0.	0.
459~Link	Qm-1	0.	0.	0.	0.	0.	0.
459~Link	Qm-2	0.	0.	0.	0.	0.	0.
460~Link	DEAD	0.	0.	0.	0.	0.	0.
460~Link	G1	0.	0.	0.	0.	0.	0.
460~Link	G2	0.	0.	0.	0.	0.	0.
460~Link	Qm	0.	0.	0.	0.	0.	0.
460~Link	Qs	0.	0.	0.	0.	0.	0.
460~Link	T+	0.	0.	0.	0.	0.	0.
460~Link	T-	0.	0.	0.	0.	0.	0.
460~Link	W	0.	0.	0.	0.	0.	0.
460~Link	Qm-1	0.	0.	0.	0.	0.	0.
460~Link	Qm-2	0.	0.	0.	0.	0.	0.
461~Link	DEAD	0.	0.	0.	0.	0.	0.
461~Link	G1	0.	0.	0.	0.	0.	0.
461~Link	G2	0.	0.	0.	0.	0.	0.
461~Link	Qm	0.	0.	0.	0.	0.	0.
461~Link	Qs	0.	0.	0.	0.	0.	0.
461~Link	T+	0.	0.	0.	0.	0.	0.
461~Link	T-	0.	0.	0.	0.	0.	0.
461~Link	W	0.	0.	0.	0.	0.	0.
461~Link	Qm-1	0.	0.	0.	0.	0.	0.
461~Link	Qm-2	0.	0.	0.	0.	0.	0.
462~Link	DEAD	0.	0.	0.	0.	0.	0.
462~Link	G1	0.	0.	0.	0.	0.	0.
462~Link	G2	0.	0.	0.	0.	0.	0.
462~Link	Qm	0.	0.	0.	0.	0.	0.
462~Link	Qs	0.	0.	0.	0.	0.	0.
462~Link	T+	0.	0.	0.	0.	0.	0.
462~Link	T-	0.	0.	0.	0.	0.	0.
462~Link	W	0.	0.	0.	0.	0.	0.
462~Link	Qm-1	0.	0.	0.	0.	0.	0.
462~Link	Qm-2	0.	0.	0.	0.	0.	0.
463~Link	DEAD	0.	0.	0.	0.	0.	0.
463~Link	G1	0.	0.	0.	0.	0.	0.
463~Link	G2	0.	0.	0.	0.	0.	0.
463~Link	Qm	0.	0.	0.	0.	0.	0.
463~Link	Qs	0.	0.	0.	0.	0.	0.
463~Link	T+	0.	0.	0.	0.	0.	0.
463~Link	T-	0.	0.	0.	0.	0.	0.
463~Link	W	0.	0.	0.	0.	0.	0.
463~Link	Qm-1	0.	0.	0.	0.	0.	0.
463~Link	Qm-2	0.	0.	0.	0.	0.	0.
464~Link	DEAD	0.	0.	0.	0.	0.	0.
464~Link	G1	0.	0.	0.	0.	0.	0.
464~Link	G2	0.	0.	0.	0.	0.	0.
464~Link	Qm	0.	0.	0.	0.	0.	0.
464~Link	Qs	0.	0.	0.	0.	0.	0.
464~Link	T+	0.	0.	0.	0.	0.	0.
464~Link	T-	0.	0.	0.	0.	0.	0.
464~Link	W	0.	0.	0.	0.	0.	0.
464~Link	Qm-1	0.	0.	0.	0.	0.	0.

Table 24: Joint Displacements

Joint	OutputCase	U1	U2	U3	R1	R2	R3
		mm	mm	mm	Radians	Radians	Radians
464~Link	Qm-2	0.	0.	0.	0.	0.	0.
465~Link	DEAD	0.	0.	0.	0.	0.	0.
465~Link	G1	0.	0.	0.	0.	0.	0.
465~Link	G2	0.	0.	0.	0.	0.	0.
465~Link	Qm	0.	0.	0.	0.	0.	0.
465~Link	Qs	0.	0.	0.	0.	0.	0.
465~Link	T+	0.	0.	0.	0.	0.	0.
465~Link	T-	0.	0.	0.	0.	0.	0.
465~Link	W	0.	0.	0.	0.	0.	0.
465~Link	Qm-1	0.	0.	0.	0.	0.	0.
465~Link	Qm-2	0.	0.	0.	0.	0.	0.
466~Link	DEAD	0.	0.	0.	0.	0.	0.
466~Link	G1	0.	0.	0.	0.	0.	0.
466~Link	G2	0.	0.	0.	0.	0.	0.
466~Link	Qm	0.	0.	0.	0.	0.	0.
466~Link	Qs	0.	0.	0.	0.	0.	0.
466~Link	T+	0.	0.	0.	0.	0.	0.
466~Link	T-	0.	0.	0.	0.	0.	0.
466~Link	W	0.	0.	0.	0.	0.	0.
466~Link	Qm-1	0.	0.	0.	0.	0.	0.
466~Link	Qm-2	0.	0.	0.	0.	0.	0.
467~Link	DEAD	0.	0.	0.	0.	0.	0.
467~Link	G1	0.	0.	0.	0.	0.	0.
467~Link	G2	0.	0.	0.	0.	0.	0.
467~Link	Qm	0.	0.	0.	0.	0.	0.
467~Link	Qs	0.	0.	0.	0.	0.	0.
467~Link	T+	0.	0.	0.	0.	0.	0.
467~Link	T-	0.	0.	0.	0.	0.	0.
467~Link	W	0.	0.	0.	0.	0.	0.
467~Link	Qm-1	0.	0.	0.	0.	0.	0.
467~Link	Qm-2	0.	0.	0.	0.	0.	0.
468~Link	DEAD	0.	0.	0.	0.	0.	0.
468~Link	G1	0.	0.	0.	0.	0.	0.
468~Link	G2	0.	0.	0.	0.	0.	0.
468~Link	Qm	0.	0.	0.	0.	0.	0.
468~Link	Qs	0.	0.	0.	0.	0.	0.
468~Link	T+	0.	0.	0.	0.	0.	0.
468~Link	T-	0.	0.	0.	0.	0.	0.
468~Link	W	0.	0.	0.	0.	0.	0.
468~Link	Qm-1	0.	0.	0.	0.	0.	0.
468~Link	Qm-2	0.	0.	0.	0.	0.	0.
469~Link	DEAD	0.	0.	0.	0.	0.	0.
469~Link	G1	0.	0.	0.	0.	0.	0.
469~Link	G2	0.	0.	0.	0.	0.	0.
469~Link	Qm	0.	0.	0.	0.	0.	0.
469~Link	Qs	0.	0.	0.	0.	0.	0.
469~Link	T+	0.	0.	0.	0.	0.	0.
469~Link	T-	0.	0.	0.	0.	0.	0.
469~Link	W	0.	0.	0.	0.	0.	0.
469~Link	Qm-1	0.	0.	0.	0.	0.	0.
469~Link	Qm-2	0.	0.	0.	0.	0.	0.
470~Link	DEAD	0.	0.	0.	0.	0.	0.
470~Link	G1	0.	0.	0.	0.	0.	0.
470~Link	G2	0.	0.	0.	0.	0.	0.

Table 24: Joint Displacements

Joint	OutputCase	U1	U2	U3	R1	R2	R3
		mm	mm	mm	Radians	Radians	Radians
470~Link	Qm	0.	0.	0.	0.	0.	0.
470~Link	Qs	0.	0.	0.	0.	0.	0.
470~Link	T+	0.	0.	0.	0.	0.	0.
470~Link	T-	0.	0.	0.	0.	0.	0.
470~Link	W	0.	0.	0.	0.	0.	0.
470~Link	Qm-1	0.	0.	0.	0.	0.	0.
470~Link	Qm-2	0.	0.	0.	0.	0.	0.
471~Link	DEAD	0.	0.	0.	0.	0.	0.
471~Link	G1	0.	0.	0.	0.	0.	0.
471~Link	G2	0.	0.	0.	0.	0.	0.
471~Link	Qm	0.	0.	0.	0.	0.	0.
471~Link	Qs	0.	0.	0.	0.	0.	0.
471~Link	T+	0.	0.	0.	0.	0.	0.
471~Link	T-	0.	0.	0.	0.	0.	0.
471~Link	W	0.	0.	0.	0.	0.	0.
471~Link	Qm-1	0.	0.	0.	0.	0.	0.
471~Link	Qm-2	0.	0.	0.	0.	0.	0.
472~Link	DEAD	0.	0.	0.	0.	0.	0.
472~Link	G1	0.	0.	0.	0.	0.	0.
472~Link	G2	0.	0.	0.	0.	0.	0.
472~Link	Qm	0.	0.	0.	0.	0.	0.
472~Link	Qs	0.	0.	0.	0.	0.	0.
472~Link	T+	0.	0.	0.	0.	0.	0.
472~Link	T-	0.	0.	0.	0.	0.	0.
472~Link	W	0.	0.	0.	0.	0.	0.
472~Link	Qm-1	0.	0.	0.	0.	0.	0.
472~Link	Qm-2	0.	0.	0.	0.	0.	0.
473~Link	DEAD	0.	0.	0.	0.	0.	0.
473~Link	G1	0.	0.	0.	0.	0.	0.
473~Link	G2	0.	0.	0.	0.	0.	0.
473~Link	Qm	0.	0.	0.	0.	0.	0.
473~Link	Qs	0.	0.	0.	0.	0.	0.
473~Link	T+	0.	0.	0.	0.	0.	0.
473~Link	T-	0.	0.	0.	0.	0.	0.
473~Link	W	0.	0.	0.	0.	0.	0.
473~Link	Qm-1	0.	0.	0.	0.	0.	0.
473~Link	Qm-2	0.	0.	0.	0.	0.	0.
474~Link	DEAD	0.	0.	0.	0.	0.	0.
474~Link	G1	0.	0.	0.	0.	0.	0.
474~Link	G2	0.	0.	0.	0.	0.	0.
474~Link	Qm	0.	0.	0.	0.	0.	0.
474~Link	Qs	0.	0.	0.	0.	0.	0.
474~Link	T+	0.	0.	0.	0.	0.	0.
474~Link	T-	0.	0.	0.	0.	0.	0.
474~Link	W	0.	0.	0.	0.	0.	0.
474~Link	Qm-1	0.	0.	0.	0.	0.	0.
474~Link	Qm-2	0.	0.	0.	0.	0.	0.
476~Link	DEAD	0.	0.	0.	0.	0.	0.
476~Link	G1	0.	0.	0.	0.	0.	0.
476~Link	G2	0.	0.	0.	0.	0.	0.
476~Link	Qm	0.	0.	0.	0.	0.	0.
476~Link	Qs	0.	0.	0.	0.	0.	0.
476~Link	T+	0.	0.	0.	0.	0.	0.
476~Link	T-	0.	0.	0.	0.	0.	0.

Table 24: Joint Displacements

Joint	OutputCase	U1	U2	U3	R1	R2	R3
		mm	mm	mm	Radians	Radians	Radians
476~Link	W	0.	0.	0.	0.	0.	0.
476~Link	Qm-1	0.	0.	0.	0.	0.	0.
476~Link	Qm-2	0.	0.	0.	0.	0.	0.
475~Link	DEAD	0.	0.	0.	0.	0.	0.
475~Link	G1	0.	0.	0.	0.	0.	0.
475~Link	G2	0.	0.	0.	0.	0.	0.
475~Link	Qm	0.	0.	0.	0.	0.	0.
475~Link	Qs	0.	0.	0.	0.	0.	0.
475~Link	T+	0.	0.	0.	0.	0.	0.
475~Link	T-	0.	0.	0.	0.	0.	0.
475~Link	W	0.	0.	0.	0.	0.	0.
475~Link	Qm-1	0.	0.	0.	0.	0.	0.
475~Link	Qm-2	0.	0.	0.	0.	0.	0.
477~Link	DEAD	0.	0.	0.	0.	0.	0.
477~Link	G1	0.	0.	0.	0.	0.	0.
477~Link	G2	0.	0.	0.	0.	0.	0.
477~Link	Qm	0.	0.	0.	0.	0.	0.
477~Link	Qs	0.	0.	0.	0.	0.	0.
477~Link	T+	0.	0.	0.	0.	0.	0.
477~Link	T-	0.	0.	0.	0.	0.	0.
477~Link	W	0.	0.	0.	0.	0.	0.
477~Link	Qm-1	0.	0.	0.	0.	0.	0.
477~Link	Qm-2	0.	0.	0.	0.	0.	0.
478~Link	DEAD	0.	0.	0.	0.	0.	0.
478~Link	G1	0.	0.	0.	0.	0.	0.
478~Link	G2	0.	0.	0.	0.	0.	0.
478~Link	Qm	0.	0.	0.	0.	0.	0.
478~Link	Qs	0.	0.	0.	0.	0.	0.
478~Link	T+	0.	0.	0.	0.	0.	0.
478~Link	T-	0.	0.	0.	0.	0.	0.
478~Link	W	0.	0.	0.	0.	0.	0.
478~Link	Qm-1	0.	0.	0.	0.	0.	0.
478~Link	Qm-2	0.	0.	0.	0.	0.	0.
479~Link	DEAD	0.	0.	0.	0.	0.	0.
479~Link	G1	0.	0.	0.	0.	0.	0.
479~Link	G2	0.	0.	0.	0.	0.	0.
479~Link	Qm	0.	0.	0.	0.	0.	0.
479~Link	Qs	0.	0.	0.	0.	0.	0.
479~Link	T+	0.	0.	0.	0.	0.	0.
479~Link	T-	0.	0.	0.	0.	0.	0.
479~Link	W	0.	0.	0.	0.	0.	0.
479~Link	Qm-1	0.	0.	0.	0.	0.	0.
479~Link	Qm-2	0.	0.	0.	0.	0.	0.
480~Link	DEAD	0.	0.	0.	0.	0.	0.
480~Link	G1	0.	0.	0.	0.	0.	0.
480~Link	G2	0.	0.	0.	0.	0.	0.
480~Link	Qm	0.	0.	0.	0.	0.	0.
480~Link	Qs	0.	0.	0.	0.	0.	0.
480~Link	T+	0.	0.	0.	0.	0.	0.
480~Link	T-	0.	0.	0.	0.	0.	0.
480~Link	W	0.	0.	0.	0.	0.	0.
480~Link	Qm-1	0.	0.	0.	0.	0.	0.
480~Link	Qm-2	0.	0.	0.	0.	0.	0.
481~Link	DEAD	0.	0.	0.	0.	0.	0.

Table 24: Joint Displacements

Joint	OutputCase	U1	U2	U3	R1	R2	R3
		mm	mm	mm	Radians	Radians	Radians
481~Link	G1	0.	0.	0.	0.	0.	0.
481~Link	G2	0.	0.	0.	0.	0.	0.
481~Link	Qm	0.	0.	0.	0.	0.	0.
481~Link	Qs	0.	0.	0.	0.	0.	0.
481~Link	T+	0.	0.	0.	0.	0.	0.
481~Link	T-	0.	0.	0.	0.	0.	0.
481~Link	W	0.	0.	0.	0.	0.	0.
481~Link	Qm-1	0.	0.	0.	0.	0.	0.
481~Link	Qm-2	0.	0.	0.	0.	0.	0.
482~Link	DEAD	0.	0.	0.	0.	0.	0.
482~Link	G1	0.	0.	0.	0.	0.	0.
482~Link	G2	0.	0.	0.	0.	0.	0.
482~Link	Qm	0.	0.	0.	0.	0.	0.
482~Link	Qs	0.	0.	0.	0.	0.	0.
482~Link	T+	0.	0.	0.	0.	0.	0.
482~Link	T-	0.	0.	0.	0.	0.	0.
482~Link	W	0.	0.	0.	0.	0.	0.
482~Link	Qm-1	0.	0.	0.	0.	0.	0.
482~Link	Qm-2	0.	0.	0.	0.	0.	0.
483~Link	DEAD	0.	0.	0.	0.	0.	0.
483~Link	G1	0.	0.	0.	0.	0.	0.
483~Link	G2	0.	0.	0.	0.	0.	0.
483~Link	Qm	0.	0.	0.	0.	0.	0.
483~Link	Qs	0.	0.	0.	0.	0.	0.
483~Link	T+	0.	0.	0.	0.	0.	0.
483~Link	T-	0.	0.	0.	0.	0.	0.
483~Link	W	0.	0.	0.	0.	0.	0.
483~Link	Qm-1	0.	0.	0.	0.	0.	0.
483~Link	Qm-2	0.	0.	0.	0.	0.	0.
484~Link	DEAD	0.	0.	0.	0.	0.	0.
484~Link	G1	0.	0.	0.	0.	0.	0.
484~Link	G2	0.	0.	0.	0.	0.	0.
484~Link	Qm	0.	0.	0.	0.	0.	0.
484~Link	Qs	0.	0.	0.	0.	0.	0.
484~Link	T+	0.	0.	0.	0.	0.	0.
484~Link	T-	0.	0.	0.	0.	0.	0.
484~Link	W	0.	0.	0.	0.	0.	0.
484~Link	Qm-1	0.	0.	0.	0.	0.	0.
484~Link	Qm-2	0.	0.	0.	0.	0.	0.
485~Link	DEAD	0.	0.	0.	0.	0.	0.
485~Link	G1	0.	0.	0.	0.	0.	0.
485~Link	G2	0.	0.	0.	0.	0.	0.
485~Link	Qm	0.	0.	0.	0.	0.	0.
485~Link	Qs	0.	0.	0.	0.	0.	0.
485~Link	T+	0.	0.	0.	0.	0.	0.
485~Link	T-	0.	0.	0.	0.	0.	0.
485~Link	W	0.	0.	0.	0.	0.	0.
485~Link	Qm-1	0.	0.	0.	0.	0.	0.
485~Link	Qm-2	0.	0.	0.	0.	0.	0.
486~Link	DEAD	0.	0.	0.	0.	0.	0.
486~Link	G1	0.	0.	0.	0.	0.	0.
486~Link	G2	0.	0.	0.	0.	0.	0.
486~Link	Qm	0.	0.	0.	0.	0.	0.
486~Link	Qs	0.	0.	0.	0.	0.	0.

Table 24: Joint Displacements

Joint	OutputCase	U1	U2	U3	R1	R2	R3
		mm	mm	mm	Radians	Radians	Radians
486~Link	T+	0.	0.	0.	0.	0.	0.
486~Link	T-	0.	0.	0.	0.	0.	0.
486~Link	W	0.	0.	0.	0.	0.	0.
486~Link	Qm-1	0.	0.	0.	0.	0.	0.
486~Link	Qm-2	0.	0.	0.	0.	0.	0.
487~Link	DEAD	0.	0.	0.	0.	0.	0.
487~Link	G1	0.	0.	0.	0.	0.	0.
487~Link	G2	0.	0.	0.	0.	0.	0.
487~Link	Qm	0.	0.	0.	0.	0.	0.
487~Link	Qs	0.	0.	0.	0.	0.	0.
487~Link	T+	0.	0.	0.	0.	0.	0.
487~Link	T-	0.	0.	0.	0.	0.	0.
487~Link	W	0.	0.	0.	0.	0.	0.
487~Link	Qm-1	0.	0.	0.	0.	0.	0.
487~Link	Qm-2	0.	0.	0.	0.	0.	0.
488~Link	DEAD	0.	0.	0.	0.	0.	0.
488~Link	G1	0.	0.	0.	0.	0.	0.
488~Link	G2	0.	0.	0.	0.	0.	0.
488~Link	Qm	0.	0.	0.	0.	0.	0.
488~Link	Qs	0.	0.	0.	0.	0.	0.
488~Link	T+	0.	0.	0.	0.	0.	0.
488~Link	T-	0.	0.	0.	0.	0.	0.
488~Link	W	0.	0.	0.	0.	0.	0.
488~Link	Qm-1	0.	0.	0.	0.	0.	0.
488~Link	Qm-2	0.	0.	0.	0.	0.	0.
489~Link	DEAD	0.	0.	0.	0.	0.	0.
489~Link	G1	0.	0.	0.	0.	0.	0.
489~Link	G2	0.	0.	0.	0.	0.	0.
489~Link	Qm	0.	0.	0.	0.	0.	0.
489~Link	Qs	0.	0.	0.	0.	0.	0.
489~Link	T+	0.	0.	0.	0.	0.	0.
489~Link	T-	0.	0.	0.	0.	0.	0.
489~Link	W	0.	0.	0.	0.	0.	0.
489~Link	Qm-1	0.	0.	0.	0.	0.	0.
489~Link	Qm-2	0.	0.	0.	0.	0.	0.
490~Link	DEAD	0.	0.	0.	0.	0.	0.
490~Link	G1	0.	0.	0.	0.	0.	0.
490~Link	G2	0.	0.	0.	0.	0.	0.
490~Link	Qm	0.	0.	0.	0.	0.	0.
490~Link	Qs	0.	0.	0.	0.	0.	0.
490~Link	T+	0.	0.	0.	0.	0.	0.
490~Link	T-	0.	0.	0.	0.	0.	0.
490~Link	W	0.	0.	0.	0.	0.	0.
490~Link	Qm-1	0.	0.	0.	0.	0.	0.
490~Link	Qm-2	0.	0.	0.	0.	0.	0.
491~Link	DEAD	0.	0.	0.	0.	0.	0.
491~Link	G1	0.	0.	0.	0.	0.	0.
491~Link	G2	0.	0.	0.	0.	0.	0.
491~Link	Qm	0.	0.	0.	0.	0.	0.
491~Link	Qs	0.	0.	0.	0.	0.	0.
491~Link	T+	0.	0.	0.	0.	0.	0.
491~Link	T-	0.	0.	0.	0.	0.	0.
491~Link	W	0.	0.	0.	0.	0.	0.
491~Link	Qm-1	0.	0.	0.	0.	0.	0.

Table 24: Joint Displacements

Joint	OutputCase	U1	U2	U3	R1	R2	R3
		mm	mm	mm	Radians	Radians	Radians
491~Link	Qm-2	0.	0.	0.	0.	0.	0.
492~Link	DEAD	0.	0.	0.	0.	0.	0.
492~Link	G1	0.	0.	0.	0.	0.	0.
492~Link	G2	0.	0.	0.	0.	0.	0.
492~Link	Qm	0.	0.	0.	0.	0.	0.
492~Link	Qs	0.	0.	0.	0.	0.	0.
492~Link	T+	0.	0.	0.	0.	0.	0.
492~Link	T-	0.	0.	0.	0.	0.	0.
492~Link	W	0.	0.	0.	0.	0.	0.
492~Link	Qm-1	0.	0.	0.	0.	0.	0.
492~Link	Qm-2	0.	0.	0.	0.	0.	0.
493~Link	DEAD	0.	0.	0.	0.	0.	0.
493~Link	G1	0.	0.	0.	0.	0.	0.
493~Link	G2	0.	0.	0.	0.	0.	0.
493~Link	Qm	0.	0.	0.	0.	0.	0.
493~Link	Qs	0.	0.	0.	0.	0.	0.
493~Link	T+	0.	0.	0.	0.	0.	0.
493~Link	T-	0.	0.	0.	0.	0.	0.
493~Link	W	0.	0.	0.	0.	0.	0.
493~Link	Qm-1	0.	0.	0.	0.	0.	0.
493~Link	Qm-2	0.	0.	0.	0.	0.	0.
494~Link	DEAD	0.	0.	0.	0.	0.	0.
494~Link	G1	0.	0.	0.	0.	0.	0.
494~Link	G2	0.	0.	0.	0.	0.	0.
494~Link	Qm	0.	0.	0.	0.	0.	0.
494~Link	Qs	0.	0.	0.	0.	0.	0.
494~Link	T+	0.	0.	0.	0.	0.	0.
494~Link	T-	0.	0.	0.	0.	0.	0.
494~Link	W	0.	0.	0.	0.	0.	0.
494~Link	Qm-1	0.	0.	0.	0.	0.	0.
494~Link	Qm-2	0.	0.	0.	0.	0.	0.
495~Link	DEAD	0.	0.	0.	0.	0.	0.
495~Link	G1	0.	0.	0.	0.	0.	0.
495~Link	G2	0.	0.	0.	0.	0.	0.
495~Link	Qm	0.	0.	0.	0.	0.	0.
495~Link	Qs	0.	0.	0.	0.	0.	0.
495~Link	T+	0.	0.	0.	0.	0.	0.
495~Link	T-	0.	0.	0.	0.	0.	0.
495~Link	W	0.	0.	0.	0.	0.	0.
495~Link	Qm-1	0.	0.	0.	0.	0.	0.
495~Link	Qm-2	0.	0.	0.	0.	0.	0.
496~Link	DEAD	0.	0.	0.	0.	0.	0.
496~Link	G1	0.	0.	0.	0.	0.	0.
496~Link	G2	0.	0.	0.	0.	0.	0.
496~Link	Qm	0.	0.	0.	0.	0.	0.
496~Link	Qs	0.	0.	0.	0.	0.	0.
496~Link	T+	0.	0.	0.	0.	0.	0.
496~Link	T-	0.	0.	0.	0.	0.	0.
496~Link	W	0.	0.	0.	0.	0.	0.
496~Link	Qm-1	0.	0.	0.	0.	0.	0.
496~Link	Qm-2	0.	0.	0.	0.	0.	0.
497~Link	DEAD	0.	0.	0.	0.	0.	0.
497~Link	G1	0.	0.	0.	0.	0.	0.
497~Link	G2	0.	0.	0.	0.	0.	0.

Table 24: Joint Displacements

Joint	OutputCase	U1	U2	U3	R1	R2	R3
		mm	mm	mm	Radians	Radians	Radians
497~Link	Qm	0.	0.	0.	0.	0.	0.
497~Link	Qs	0.	0.	0.	0.	0.	0.
497~Link	T+	0.	0.	0.	0.	0.	0.
497~Link	T-	0.	0.	0.	0.	0.	0.
497~Link	W	0.	0.	0.	0.	0.	0.
497~Link	Qm-1	0.	0.	0.	0.	0.	0.
497~Link	Qm-2	0.	0.	0.	0.	0.	0.
498~Link	DEAD	0.	0.	0.	0.	0.	0.
498~Link	G1	0.	0.	0.	0.	0.	0.
498~Link	G2	0.	0.	0.	0.	0.	0.
498~Link	Qm	0.	0.	0.	0.	0.	0.
498~Link	Qs	0.	0.	0.	0.	0.	0.
498~Link	T+	0.	0.	0.	0.	0.	0.
498~Link	T-	0.	0.	0.	0.	0.	0.
498~Link	W	0.	0.	0.	0.	0.	0.
498~Link	Qm-1	0.	0.	0.	0.	0.	0.
498~Link	Qm-2	0.	0.	0.	0.	0.	0.
499~Link	DEAD	0.	0.	0.	0.	0.	0.
499~Link	G1	0.	0.	0.	0.	0.	0.
499~Link	G2	0.	0.	0.	0.	0.	0.
499~Link	Qm	0.	0.	0.	0.	0.	0.
499~Link	Qs	0.	0.	0.	0.	0.	0.
499~Link	T+	0.	0.	0.	0.	0.	0.
499~Link	T-	0.	0.	0.	0.	0.	0.
499~Link	W	0.	0.	0.	0.	0.	0.
499~Link	Qm-1	0.	0.	0.	0.	0.	0.
499~Link	Qm-2	0.	0.	0.	0.	0.	0.
500~Link	DEAD	0.	0.	0.	0.	0.	0.
500~Link	G1	0.	0.	0.	0.	0.	0.
500~Link	G2	0.	0.	0.	0.	0.	0.
500~Link	Qm	0.	0.	0.	0.	0.	0.
500~Link	Qs	0.	0.	0.	0.	0.	0.
500~Link	T+	0.	0.	0.	0.	0.	0.
500~Link	T-	0.	0.	0.	0.	0.	0.
500~Link	W	0.	0.	0.	0.	0.	0.
500~Link	Qm-1	0.	0.	0.	0.	0.	0.
500~Link	Qm-2	0.	0.	0.	0.	0.	0.
502~Link	DEAD	0.	0.	0.	0.	0.	0.
502~Link	G1	0.	0.	0.	0.	0.	0.
502~Link	G2	0.	0.	0.	0.	0.	0.
502~Link	Qm	0.	0.	0.	0.	0.	0.
502~Link	Qs	0.	0.	0.	0.	0.	0.
502~Link	T+	0.	0.	0.	0.	0.	0.
502~Link	T-	0.	0.	0.	0.	0.	0.
502~Link	W	0.	0.	0.	0.	0.	0.
502~Link	Qm-1	0.	0.	0.	0.	0.	0.
502~Link	Qm-2	0.	0.	0.	0.	0.	0.
501~Link	DEAD	0.	0.	0.	0.	0.	0.
501~Link	G1	0.	0.	0.	0.	0.	0.
501~Link	G2	0.	0.	0.	0.	0.	0.
501~Link	Qm	0.	0.	0.	0.	0.	0.
501~Link	Qs	0.	0.	0.	0.	0.	0.
501~Link	T+	0.	0.	0.	0.	0.	0.
501~Link	T-	0.	0.	0.	0.	0.	0.

Table 24: Joint Displacements

Joint	OutputCase	U1	U2	U3	R1	R2	R3
		mm	mm	mm	Radians	Radians	Radians
501~Link	W	0.	0.	0.	0.	0.	0.
501~Link	Qm-1	0.	0.	0.	0.	0.	0.
501~Link	Qm-2	0.	0.	0.	0.	0.	0.
503~Link	DEAD	0.	0.	0.	0.	0.	0.
503~Link	G1	0.	0.	0.	0.	0.	0.
503~Link	G2	0.	0.	0.	0.	0.	0.
503~Link	Qm	0.	0.	0.	0.	0.	0.
503~Link	Qs	0.	0.	0.	0.	0.	0.
503~Link	T+	0.	0.	0.	0.	0.	0.
503~Link	T-	0.	0.	0.	0.	0.	0.
503~Link	W	0.	0.	0.	0.	0.	0.
503~Link	Qm-1	0.	0.	0.	0.	0.	0.
503~Link	Qm-2	0.	0.	0.	0.	0.	0.
504~Link	DEAD	0.	0.	0.	0.	0.	0.
504~Link	G1	0.	0.	0.	0.	0.	0.
504~Link	G2	0.	0.	0.	0.	0.	0.
504~Link	Qm	0.	0.	0.	0.	0.	0.
504~Link	Qs	0.	0.	0.	0.	0.	0.
504~Link	T+	0.	0.	0.	0.	0.	0.
504~Link	T-	0.	0.	0.	0.	0.	0.
504~Link	W	0.	0.	0.	0.	0.	0.
504~Link	Qm-1	0.	0.	0.	0.	0.	0.
504~Link	Qm-2	0.	0.	0.	0.	0.	0.
505~Link	DEAD	0.	0.	0.	0.	0.	0.
505~Link	G1	0.	0.	0.	0.	0.	0.
505~Link	G2	0.	0.	0.	0.	0.	0.
505~Link	Qm	0.	0.	0.	0.	0.	0.
505~Link	Qs	0.	0.	0.	0.	0.	0.
505~Link	T+	0.	0.	0.	0.	0.	0.
505~Link	T-	0.	0.	0.	0.	0.	0.
505~Link	W	0.	0.	0.	0.	0.	0.
505~Link	Qm-1	0.	0.	0.	0.	0.	0.
505~Link	Qm-2	0.	0.	0.	0.	0.	0.
506~Link	DEAD	0.	0.	0.	0.	0.	0.
506~Link	G1	0.	0.	0.	0.	0.	0.
506~Link	G2	0.	0.	0.	0.	0.	0.
506~Link	Qm	0.	0.	0.	0.	0.	0.
506~Link	Qs	0.	0.	0.	0.	0.	0.
506~Link	T+	0.	0.	0.	0.	0.	0.
506~Link	T-	0.	0.	0.	0.	0.	0.
506~Link	W	0.	0.	0.	0.	0.	0.
506~Link	Qm-1	0.	0.	0.	0.	0.	0.
506~Link	Qm-2	0.	0.	0.	0.	0.	0.
507~Link	DEAD	0.	0.	0.	0.	0.	0.
507~Link	G1	0.	0.	0.	0.	0.	0.
507~Link	G2	0.	0.	0.	0.	0.	0.
507~Link	Qm	0.	0.	0.	0.	0.	0.
507~Link	Qs	0.	0.	0.	0.	0.	0.
507~Link	T+	0.	0.	0.	0.	0.	0.
507~Link	T-	0.	0.	0.	0.	0.	0.
507~Link	W	0.	0.	0.	0.	0.	0.
507~Link	Qm-1	0.	0.	0.	0.	0.	0.
507~Link	Qm-2	0.	0.	0.	0.	0.	0.
508~Link	DEAD	0.	0.	0.	0.	0.	0.

Table 24: Joint Displacements

Joint	OutputCase	U1	U2	U3	R1	R2	R3
		mm	mm	mm	Radians	Radians	Radians
508~Link	G1	0.	0.	0.	0.	0.	0.
508~Link	G2	0.	0.	0.	0.	0.	0.
508~Link	Qm	0.	0.	0.	0.	0.	0.
508~Link	Qs	0.	0.	0.	0.	0.	0.
508~Link	T+	0.	0.	0.	0.	0.	0.
508~Link	T-	0.	0.	0.	0.	0.	0.
508~Link	W	0.	0.	0.	0.	0.	0.
508~Link	Qm-1	0.	0.	0.	0.	0.	0.
508~Link	Qm-2	0.	0.	0.	0.	0.	0.
509~Link	DEAD	0.	0.	0.	0.	0.	0.
509~Link	G1	0.	0.	0.	0.	0.	0.
509~Link	G2	0.	0.	0.	0.	0.	0.
509~Link	Qm	0.	0.	0.	0.	0.	0.
509~Link	Qs	0.	0.	0.	0.	0.	0.
509~Link	T+	0.	0.	0.	0.	0.	0.
509~Link	T-	0.	0.	0.	0.	0.	0.
509~Link	W	0.	0.	0.	0.	0.	0.
509~Link	Qm-1	0.	0.	0.	0.	0.	0.
509~Link	Qm-2	0.	0.	0.	0.	0.	0.
510~Link	DEAD	0.	0.	0.	0.	0.	0.
510~Link	G1	0.	0.	0.	0.	0.	0.
510~Link	G2	0.	0.	0.	0.	0.	0.
510~Link	Qm	0.	0.	0.	0.	0.	0.
510~Link	Qs	0.	0.	0.	0.	0.	0.
510~Link	T+	0.	0.	0.	0.	0.	0.
510~Link	T-	0.	0.	0.	0.	0.	0.
510~Link	W	0.	0.	0.	0.	0.	0.
510~Link	Qm-1	0.	0.	0.	0.	0.	0.
510~Link	Qm-2	0.	0.	0.	0.	0.	0.
511~Link	DEAD	0.	0.	0.	0.	0.	0.
511~Link	G1	0.	0.	0.	0.	0.	0.
511~Link	G2	0.	0.	0.	0.	0.	0.
511~Link	Qm	0.	0.	0.	0.	0.	0.
511~Link	Qs	0.	0.	0.	0.	0.	0.
511~Link	T+	0.	0.	0.	0.	0.	0.
511~Link	T-	0.	0.	0.	0.	0.	0.
511~Link	W	0.	0.	0.	0.	0.	0.
511~Link	Qm-1	0.	0.	0.	0.	0.	0.
511~Link	Qm-2	0.	0.	0.	0.	0.	0.
512~Link	DEAD	0.	0.	0.	0.	0.	0.
512~Link	G1	0.	0.	0.	0.	0.	0.
512~Link	G2	0.	0.	0.	0.	0.	0.
512~Link	Qm	0.	0.	0.	0.	0.	0.
512~Link	Qs	0.	0.	0.	0.	0.	0.
512~Link	T+	0.	0.	0.	0.	0.	0.
512~Link	T-	0.	0.	0.	0.	0.	0.
512~Link	W	0.	0.	0.	0.	0.	0.
512~Link	Qm-1	0.	0.	0.	0.	0.	0.
512~Link	Qm-2	0.	0.	0.	0.	0.	0.
513~Link	DEAD	0.	0.	0.	0.	0.	0.
513~Link	G1	0.	0.	0.	0.	0.	0.
513~Link	G2	0.	0.	0.	0.	0.	0.
513~Link	Qm	0.	0.	0.	0.	0.	0.
513~Link	Qs	0.	0.	0.	0.	0.	0.

Table 24: Joint Displacements

Joint	OutputCase	U1	U2	U3	R1	R2	R3
		mm	mm	mm	Radians	Radians	Radians
513~Link	T+	0.	0.	0.	0.	0.	0.
513~Link	T-	0.	0.	0.	0.	0.	0.
513~Link	W	0.	0.	0.	0.	0.	0.
513~Link	Qm-1	0.	0.	0.	0.	0.	0.
513~Link	Qm-2	0.	0.	0.	0.	0.	0.
514~Link	DEAD	0.	0.	0.	0.	0.	0.
514~Link	G1	0.	0.	0.	0.	0.	0.
514~Link	G2	0.	0.	0.	0.	0.	0.
514~Link	Qm	0.	0.	0.	0.	0.	0.
514~Link	Qs	0.	0.	0.	0.	0.	0.
514~Link	T+	0.	0.	0.	0.	0.	0.
514~Link	T-	0.	0.	0.	0.	0.	0.
514~Link	W	0.	0.	0.	0.	0.	0.
514~Link	Qm-1	0.	0.	0.	0.	0.	0.
514~Link	Qm-2	0.	0.	0.	0.	0.	0.
515~Link	DEAD	0.	0.	0.	0.	0.	0.
515~Link	G1	0.	0.	0.	0.	0.	0.
515~Link	G2	0.	0.	0.	0.	0.	0.
515~Link	Qm	0.	0.	0.	0.	0.	0.
515~Link	Qs	0.	0.	0.	0.	0.	0.
515~Link	T+	0.	0.	0.	0.	0.	0.
515~Link	T-	0.	0.	0.	0.	0.	0.
515~Link	W	0.	0.	0.	0.	0.	0.
515~Link	Qm-1	0.	0.	0.	0.	0.	0.
515~Link	Qm-2	0.	0.	0.	0.	0.	0.
516~Link	DEAD	0.	0.	0.	0.	0.	0.
516~Link	G1	0.	0.	0.	0.	0.	0.
516~Link	G2	0.	0.	0.	0.	0.	0.
516~Link	Qm	0.	0.	0.	0.	0.	0.
516~Link	Qs	0.	0.	0.	0.	0.	0.
516~Link	T+	0.	0.	0.	0.	0.	0.
516~Link	T-	0.	0.	0.	0.	0.	0.
516~Link	W	0.	0.	0.	0.	0.	0.
516~Link	Qm-1	0.	0.	0.	0.	0.	0.
516~Link	Qm-2	0.	0.	0.	0.	0.	0.
517~Link	DEAD	0.	0.	0.	0.	0.	0.
517~Link	G1	0.	0.	0.	0.	0.	0.
517~Link	G2	0.	0.	0.	0.	0.	0.
517~Link	Qm	0.	0.	0.	0.	0.	0.
517~Link	Qs	0.	0.	0.	0.	0.	0.
517~Link	T+	0.	0.	0.	0.	0.	0.
517~Link	T-	0.	0.	0.	0.	0.	0.
517~Link	W	0.	0.	0.	0.	0.	0.
517~Link	Qm-1	0.	0.	0.	0.	0.	0.
517~Link	Qm-2	0.	0.	0.	0.	0.	0.
518~Link	DEAD	0.	0.	0.	0.	0.	0.
518~Link	G1	0.	0.	0.	0.	0.	0.
518~Link	G2	0.	0.	0.	0.	0.	0.
518~Link	Qm	0.	0.	0.	0.	0.	0.
518~Link	Qs	0.	0.	0.	0.	0.	0.
518~Link	T+	0.	0.	0.	0.	0.	0.
518~Link	T-	0.	0.	0.	0.	0.	0.
518~Link	W	0.	0.	0.	0.	0.	0.
518~Link	Qm-1	0.	0.	0.	0.	0.	0.

Table 24: Joint Displacements

Joint	OutputCase	U1	U2	U3	R1	R2	R3
		mm	mm	mm	Radians	Radians	Radians
518~Link	Qm-2	0.	0.	0.	0.	0.	0.
519~Link	DEAD	0.	0.	0.	0.	0.	0.
519~Link	G1	0.	0.	0.	0.	0.	0.
519~Link	G2	0.	0.	0.	0.	0.	0.
519~Link	Qm	0.	0.	0.	0.	0.	0.
519~Link	Qs	0.	0.	0.	0.	0.	0.
519~Link	T+	0.	0.	0.	0.	0.	0.
519~Link	T-	0.	0.	0.	0.	0.	0.
519~Link	W	0.	0.	0.	0.	0.	0.
519~Link	Qm-1	0.	0.	0.	0.	0.	0.
519~Link	Qm-2	0.	0.	0.	0.	0.	0.
520~Link	DEAD	0.	0.	0.	0.	0.	0.
520~Link	G1	0.	0.	0.	0.	0.	0.
520~Link	G2	0.	0.	0.	0.	0.	0.
520~Link	Qm	0.	0.	0.	0.	0.	0.
520~Link	Qs	0.	0.	0.	0.	0.	0.
520~Link	T+	0.	0.	0.	0.	0.	0.
520~Link	T-	0.	0.	0.	0.	0.	0.
520~Link	W	0.	0.	0.	0.	0.	0.
520~Link	Qm-1	0.	0.	0.	0.	0.	0.
520~Link	Qm-2	0.	0.	0.	0.	0.	0.
521~Link	DEAD	0.	0.	0.	0.	0.	0.
521~Link	G1	0.	0.	0.	0.	0.	0.
521~Link	G2	0.	0.	0.	0.	0.	0.
521~Link	Qm	0.	0.	0.	0.	0.	0.
521~Link	Qs	0.	0.	0.	0.	0.	0.
521~Link	T+	0.	0.	0.	0.	0.	0.
521~Link	T-	0.	0.	0.	0.	0.	0.
521~Link	W	0.	0.	0.	0.	0.	0.
521~Link	Qm-1	0.	0.	0.	0.	0.	0.
521~Link	Qm-2	0.	0.	0.	0.	0.	0.
522~Link	DEAD	0.	0.	0.	0.	0.	0.
522~Link	G1	0.	0.	0.	0.	0.	0.
522~Link	G2	0.	0.	0.	0.	0.	0.
522~Link	Qm	0.	0.	0.	0.	0.	0.
522~Link	Qs	0.	0.	0.	0.	0.	0.
522~Link	T+	0.	0.	0.	0.	0.	0.
522~Link	T-	0.	0.	0.	0.	0.	0.
522~Link	W	0.	0.	0.	0.	0.	0.
522~Link	Qm-1	0.	0.	0.	0.	0.	0.
522~Link	Qm-2	0.	0.	0.	0.	0.	0.
523~Link	DEAD	0.	0.	0.	0.	0.	0.
523~Link	G1	0.	0.	0.	0.	0.	0.
523~Link	G2	0.	0.	0.	0.	0.	0.
523~Link	Qm	0.	0.	0.	0.	0.	0.
523~Link	Qs	0.	0.	0.	0.	0.	0.
523~Link	T+	0.	0.	0.	0.	0.	0.
523~Link	T-	0.	0.	0.	0.	0.	0.
523~Link	W	0.	0.	0.	0.	0.	0.
523~Link	Qm-1	0.	0.	0.	0.	0.	0.
523~Link	Qm-2	0.	0.	0.	0.	0.	0.
524~Link	DEAD	0.	0.	0.	0.	0.	0.
524~Link	G1	0.	0.	0.	0.	0.	0.
524~Link	G2	0.	0.	0.	0.	0.	0.

Table 24: Joint Displacements

Joint	OutputCase	U1	U2	U3	R1	R2	R3
		mm	mm	mm	Radians	Radians	Radians
524~Link	Qm	0.	0.	0.	0.	0.	0.
524~Link	Qs	0.	0.	0.	0.	0.	0.
524~Link	T+	0.	0.	0.	0.	0.	0.
524~Link	T-	0.	0.	0.	0.	0.	0.
524~Link	W	0.	0.	0.	0.	0.	0.
524~Link	Qm-1	0.	0.	0.	0.	0.	0.
524~Link	Qm-2	0.	0.	0.	0.	0.	0.
525~Link	DEAD	0.	0.	0.	0.	0.	0.
525~Link	G1	0.	0.	0.	0.	0.	0.
525~Link	G2	0.	0.	0.	0.	0.	0.
525~Link	Qm	0.	0.	0.	0.	0.	0.
525~Link	Qs	0.	0.	0.	0.	0.	0.
525~Link	T+	0.	0.	0.	0.	0.	0.
525~Link	T-	0.	0.	0.	0.	0.	0.
525~Link	W	0.	0.	0.	0.	0.	0.
525~Link	Qm-1	0.	0.	0.	0.	0.	0.
525~Link	Qm-2	0.	0.	0.	0.	0.	0.
526~Link	DEAD	0.	0.	0.	0.	0.	0.
526~Link	G1	0.	0.	0.	0.	0.	0.
526~Link	G2	0.	0.	0.	0.	0.	0.
526~Link	Qm	0.	0.	0.	0.	0.	0.
526~Link	Qs	0.	0.	0.	0.	0.	0.
526~Link	T+	0.	0.	0.	0.	0.	0.
526~Link	T-	0.	0.	0.	0.	0.	0.
526~Link	W	0.	0.	0.	0.	0.	0.
526~Link	Qm-1	0.	0.	0.	0.	0.	0.
526~Link	Qm-2	0.	0.	0.	0.	0.	0.
528~Link	DEAD	0.	0.	0.	0.	0.	0.
528~Link	G1	0.	0.	0.	0.	0.	0.
528~Link	G2	0.	0.	0.	0.	0.	0.
528~Link	Qm	0.	0.	0.	0.	0.	0.
528~Link	Qs	0.	0.	0.	0.	0.	0.
528~Link	T+	0.	0.	0.	0.	0.	0.
528~Link	T-	0.	0.	0.	0.	0.	0.
528~Link	W	0.	0.	0.	0.	0.	0.
528~Link	Qm-1	0.	0.	0.	0.	0.	0.
528~Link	Qm-2	0.	0.	0.	0.	0.	0.
527~Link	DEAD	0.	0.	0.	0.	0.	0.
527~Link	G1	0.	0.	0.	0.	0.	0.
527~Link	G2	0.	0.	0.	0.	0.	0.
527~Link	Qm	0.	0.	0.	0.	0.	0.
527~Link	Qs	0.	0.	0.	0.	0.	0.
527~Link	T+	0.	0.	0.	0.	0.	0.
527~Link	T-	0.	0.	0.	0.	0.	0.
527~Link	W	0.	0.	0.	0.	0.	0.
527~Link	Qm-1	0.	0.	0.	0.	0.	0.
527~Link	Qm-2	0.	0.	0.	0.	0.	0.
529~Link	DEAD	0.	0.	0.	0.	0.	0.
529~Link	G1	0.	0.	0.	0.	0.	0.
529~Link	G2	0.	0.	0.	0.	0.	0.
529~Link	Qm	0.	0.	0.	0.	0.	0.
529~Link	Qs	0.	0.	0.	0.	0.	0.
529~Link	T+	0.	0.	0.	0.	0.	0.
529~Link	T-	0.	0.	0.	0.	0.	0.

Table 24: Joint Displacements

Joint	OutputCase	U1	U2	U3	R1	R2	R3
		mm	mm	mm	Radians	Radians	Radians
529~Link	W	0.	0.	0.	0.	0.	0.
529~Link	Qm-1	0.	0.	0.	0.	0.	0.
529~Link	Qm-2	0.	0.	0.	0.	0.	0.
530~Link	DEAD	0.	0.	0.	0.	0.	0.
530~Link	G1	0.	0.	0.	0.	0.	0.
530~Link	G2	0.	0.	0.	0.	0.	0.
530~Link	Qm	0.	0.	0.	0.	0.	0.
530~Link	Qs	0.	0.	0.	0.	0.	0.
530~Link	T+	0.	0.	0.	0.	0.	0.
530~Link	T-	0.	0.	0.	0.	0.	0.
530~Link	W	0.	0.	0.	0.	0.	0.
530~Link	Qm-1	0.	0.	0.	0.	0.	0.
530~Link	Qm-2	0.	0.	0.	0.	0.	0.
531~Link	DEAD	0.	0.	0.	0.	0.	0.
531~Link	G1	0.	0.	0.	0.	0.	0.
531~Link	G2	0.	0.	0.	0.	0.	0.
531~Link	Qm	0.	0.	0.	0.	0.	0.
531~Link	Qs	0.	0.	0.	0.	0.	0.
531~Link	T+	0.	0.	0.	0.	0.	0.
531~Link	T-	0.	0.	0.	0.	0.	0.
531~Link	W	0.	0.	0.	0.	0.	0.
531~Link	Qm-1	0.	0.	0.	0.	0.	0.
531~Link	Qm-2	0.	0.	0.	0.	0.	0.
532~Link	DEAD	0.	0.	0.	0.	0.	0.
532~Link	G1	0.	0.	0.	0.	0.	0.
532~Link	G2	0.	0.	0.	0.	0.	0.
532~Link	Qm	0.	0.	0.	0.	0.	0.
532~Link	Qs	0.	0.	0.	0.	0.	0.
532~Link	T+	0.	0.	0.	0.	0.	0.
532~Link	T-	0.	0.	0.	0.	0.	0.
532~Link	W	0.	0.	0.	0.	0.	0.
532~Link	Qm-1	0.	0.	0.	0.	0.	0.
532~Link	Qm-2	0.	0.	0.	0.	0.	0.
533~Link	DEAD	0.	0.	0.	0.	0.	0.
533~Link	G1	0.	0.	0.	0.	0.	0.
533~Link	G2	0.	0.	0.	0.	0.	0.
533~Link	Qm	0.	0.	0.	0.	0.	0.
533~Link	Qs	0.	0.	0.	0.	0.	0.
533~Link	T+	0.	0.	0.	0.	0.	0.
533~Link	T-	0.	0.	0.	0.	0.	0.
533~Link	W	0.	0.	0.	0.	0.	0.
533~Link	Qm-1	0.	0.	0.	0.	0.	0.
533~Link	Qm-2	0.	0.	0.	0.	0.	0.
534~Link	DEAD	0.	0.	0.	0.	0.	0.
534~Link	G1	0.	0.	0.	0.	0.	0.
534~Link	G2	0.	0.	0.	0.	0.	0.
534~Link	Qm	0.	0.	0.	0.	0.	0.
534~Link	Qs	0.	0.	0.	0.	0.	0.
534~Link	T+	0.	0.	0.	0.	0.	0.
534~Link	T-	0.	0.	0.	0.	0.	0.
534~Link	W	0.	0.	0.	0.	0.	0.
534~Link	Qm-1	0.	0.	0.	0.	0.	0.
534~Link	Qm-2	0.	0.	0.	0.	0.	0.
535~Link	DEAD	0.	0.	0.	0.	0.	0.

Table 24: Joint Displacements

Joint	OutputCase	U1	U2	U3	R1	R2	R3
		mm	mm	mm	Radians	Radians	Radians
535~Link	G1	0.	0.	0.	0.	0.	0.
535~Link	G2	0.	0.	0.	0.	0.	0.
535~Link	Qm	0.	0.	0.	0.	0.	0.
535~Link	Qs	0.	0.	0.	0.	0.	0.
535~Link	T+	0.	0.	0.	0.	0.	0.
535~Link	T-	0.	0.	0.	0.	0.	0.
535~Link	W	0.	0.	0.	0.	0.	0.
535~Link	Qm-1	0.	0.	0.	0.	0.	0.
535~Link	Qm-2	0.	0.	0.	0.	0.	0.
536~Link	DEAD	0.	0.	0.	0.	0.	0.
536~Link	G1	0.	0.	0.	0.	0.	0.
536~Link	G2	0.	0.	0.	0.	0.	0.
536~Link	Qm	0.	0.	0.	0.	0.	0.
536~Link	Qs	0.	0.	0.	0.	0.	0.
536~Link	T+	0.	0.	0.	0.	0.	0.
536~Link	T-	0.	0.	0.	0.	0.	0.
536~Link	W	0.	0.	0.	0.	0.	0.
536~Link	Qm-1	0.	0.	0.	0.	0.	0.
536~Link	Qm-2	0.	0.	0.	0.	0.	0.
537~Link	DEAD	0.	0.	0.	0.	0.	0.
537~Link	G1	0.	0.	0.	0.	0.	0.
537~Link	G2	0.	0.	0.	0.	0.	0.
537~Link	Qm	0.	0.	0.	0.	0.	0.
537~Link	Qs	0.	0.	0.	0.	0.	0.
537~Link	T+	0.	0.	0.	0.	0.	0.
537~Link	T-	0.	0.	0.	0.	0.	0.
537~Link	W	0.	0.	0.	0.	0.	0.
537~Link	Qm-1	0.	0.	0.	0.	0.	0.
537~Link	Qm-2	0.	0.	0.	0.	0.	0.
538~Link	DEAD	0.	0.	0.	0.	0.	0.
538~Link	G1	0.	0.	0.	0.	0.	0.
538~Link	G2	0.	0.	0.	0.	0.	0.
538~Link	Qm	0.	0.	0.	0.	0.	0.
538~Link	Qs	0.	0.	0.	0.	0.	0.
538~Link	T+	0.	0.	0.	0.	0.	0.
538~Link	T-	0.	0.	0.	0.	0.	0.
538~Link	W	0.	0.	0.	0.	0.	0.
538~Link	Qm-1	0.	0.	0.	0.	0.	0.
538~Link	Qm-2	0.	0.	0.	0.	0.	0.
539~Link	DEAD	0.	0.	0.	0.	0.	0.
539~Link	G1	0.	0.	0.	0.	0.	0.
539~Link	G2	0.	0.	0.	0.	0.	0.
539~Link	Qm	0.	0.	0.	0.	0.	0.
539~Link	Qs	0.	0.	0.	0.	0.	0.
539~Link	T+	0.	0.	0.	0.	0.	0.
539~Link	T-	0.	0.	0.	0.	0.	0.
539~Link	W	0.	0.	0.	0.	0.	0.
539~Link	Qm-1	0.	0.	0.	0.	0.	0.
539~Link	Qm-2	0.	0.	0.	0.	0.	0.
540~Link	DEAD	0.	0.	0.	0.	0.	0.
540~Link	G1	0.	0.	0.	0.	0.	0.
540~Link	G2	0.	0.	0.	0.	0.	0.
540~Link	Qm	0.	0.	0.	0.	0.	0.
540~Link	Qs	0.	0.	0.	0.	0.	0.

Table 24: Joint Displacements

Joint	OutputCase	U1	U2	U3	R1	R2	R3
		mm	mm	mm	Radians	Radians	Radians
540~Link	T+	0.	0.	0.	0.	0.	0.
540~Link	T-	0.	0.	0.	0.	0.	0.
540~Link	W	0.	0.	0.	0.	0.	0.
540~Link	Qm-1	0.	0.	0.	0.	0.	0.
540~Link	Qm-2	0.	0.	0.	0.	0.	0.
541~Link	DEAD	0.	0.	0.	0.	0.	0.
541~Link	G1	0.	0.	0.	0.	0.	0.
541~Link	G2	0.	0.	0.	0.	0.	0.
541~Link	Qm	0.	0.	0.	0.	0.	0.
541~Link	Qs	0.	0.	0.	0.	0.	0.
541~Link	T+	0.	0.	0.	0.	0.	0.
541~Link	T-	0.	0.	0.	0.	0.	0.
541~Link	W	0.	0.	0.	0.	0.	0.
541~Link	Qm-1	0.	0.	0.	0.	0.	0.
541~Link	Qm-2	0.	0.	0.	0.	0.	0.
542~Link	DEAD	0.	0.	0.	0.	0.	0.
542~Link	G1	0.	0.	0.	0.	0.	0.
542~Link	G2	0.	0.	0.	0.	0.	0.
542~Link	Qm	0.	0.	0.	0.	0.	0.
542~Link	Qs	0.	0.	0.	0.	0.	0.
542~Link	T+	0.	0.	0.	0.	0.	0.
542~Link	T-	0.	0.	0.	0.	0.	0.
542~Link	W	0.	0.	0.	0.	0.	0.
542~Link	Qm-1	0.	0.	0.	0.	0.	0.
542~Link	Qm-2	0.	0.	0.	0.	0.	0.
543~Link	DEAD	0.	0.	0.	0.	0.	0.
543~Link	G1	0.	0.	0.	0.	0.	0.
543~Link	G2	0.	0.	0.	0.	0.	0.
543~Link	Qm	0.	0.	0.	0.	0.	0.
543~Link	Qs	0.	0.	0.	0.	0.	0.
543~Link	T+	0.	0.	0.	0.	0.	0.
543~Link	T-	0.	0.	0.	0.	0.	0.
543~Link	W	0.	0.	0.	0.	0.	0.
543~Link	Qm-1	0.	0.	0.	0.	0.	0.
543~Link	Qm-2	0.	0.	0.	0.	0.	0.
544~Link	DEAD	0.	0.	0.	0.	0.	0.
544~Link	G1	0.	0.	0.	0.	0.	0.
544~Link	G2	0.	0.	0.	0.	0.	0.
544~Link	Qm	0.	0.	0.	0.	0.	0.
544~Link	Qs	0.	0.	0.	0.	0.	0.
544~Link	T+	0.	0.	0.	0.	0.	0.
544~Link	T-	0.	0.	0.	0.	0.	0.
544~Link	W	0.	0.	0.	0.	0.	0.
544~Link	Qm-1	0.	0.	0.	0.	0.	0.
544~Link	Qm-2	0.	0.	0.	0.	0.	0.
545~Link	DEAD	0.	0.	0.	0.	0.	0.
545~Link	G1	0.	0.	0.	0.	0.	0.
545~Link	G2	0.	0.	0.	0.	0.	0.
545~Link	Qm	0.	0.	0.	0.	0.	0.
545~Link	Qs	0.	0.	0.	0.	0.	0.
545~Link	T+	0.	0.	0.	0.	0.	0.
545~Link	T-	0.	0.	0.	0.	0.	0.
545~Link	W	0.	0.	0.	0.	0.	0.
545~Link	Qm-1	0.	0.	0.	0.	0.	0.

Table 24: Joint Displacements

Joint	OutputCase	U1	U2	U3	R1	R2	R3
		mm	mm	mm	Radians	Radians	Radians
545~Link	Qm-2	0.	0.	0.	0.	0.	0.
546~Link	DEAD	0.	0.	0.	0.	0.	0.
546~Link	G1	0.	0.	0.	0.	0.	0.
546~Link	G2	0.	0.	0.	0.	0.	0.
546~Link	Qm	0.	0.	0.	0.	0.	0.
546~Link	Qs	0.	0.	0.	0.	0.	0.
546~Link	T+	0.	0.	0.	0.	0.	0.
546~Link	T-	0.	0.	0.	0.	0.	0.
546~Link	W	0.	0.	0.	0.	0.	0.
546~Link	Qm-1	0.	0.	0.	0.	0.	0.
546~Link	Qm-2	0.	0.	0.	0.	0.	0.
547~Link	DEAD	0.	0.	0.	0.	0.	0.
547~Link	G1	0.	0.	0.	0.	0.	0.
547~Link	G2	0.	0.	0.	0.	0.	0.
547~Link	Qm	0.	0.	0.	0.	0.	0.
547~Link	Qs	0.	0.	0.	0.	0.	0.
547~Link	T+	0.	0.	0.	0.	0.	0.
547~Link	T-	0.	0.	0.	0.	0.	0.
547~Link	W	0.	0.	0.	0.	0.	0.
547~Link	Qm-1	0.	0.	0.	0.	0.	0.
547~Link	Qm-2	0.	0.	0.	0.	0.	0.
548~Link	DEAD	0.	0.	0.	0.	0.	0.
548~Link	G1	0.	0.	0.	0.	0.	0.
548~Link	G2	0.	0.	0.	0.	0.	0.
548~Link	Qm	0.	0.	0.	0.	0.	0.
548~Link	Qs	0.	0.	0.	0.	0.	0.
548~Link	T+	0.	0.	0.	0.	0.	0.
548~Link	T-	0.	0.	0.	0.	0.	0.
548~Link	W	0.	0.	0.	0.	0.	0.
548~Link	Qm-1	0.	0.	0.	0.	0.	0.
548~Link	Qm-2	0.	0.	0.	0.	0.	0.
549~Link	DEAD	0.	0.	0.	0.	0.	0.
549~Link	G1	0.	0.	0.	0.	0.	0.
549~Link	G2	0.	0.	0.	0.	0.	0.
549~Link	Qm	0.	0.	0.	0.	0.	0.
549~Link	Qs	0.	0.	0.	0.	0.	0.
549~Link	T+	0.	0.	0.	0.	0.	0.
549~Link	T-	0.	0.	0.	0.	0.	0.
549~Link	W	0.	0.	0.	0.	0.	0.
549~Link	Qm-1	0.	0.	0.	0.	0.	0.
549~Link	Qm-2	0.	0.	0.	0.	0.	0.
550~Link	DEAD	0.	0.	0.	0.	0.	0.
550~Link	G1	0.	0.	0.	0.	0.	0.
550~Link	G2	0.	0.	0.	0.	0.	0.
550~Link	Qm	0.	0.	0.	0.	0.	0.
550~Link	Qs	0.	0.	0.	0.	0.	0.
550~Link	T+	0.	0.	0.	0.	0.	0.
550~Link	T-	0.	0.	0.	0.	0.	0.
550~Link	W	0.	0.	0.	0.	0.	0.
550~Link	Qm-1	0.	0.	0.	0.	0.	0.
550~Link	Qm-2	0.	0.	0.	0.	0.	0.
551~Link	DEAD	0.	0.	0.	0.	0.	0.
551~Link	G1	0.	0.	0.	0.	0.	0.
551~Link	G2	0.	0.	0.	0.	0.	0.

Table 24: Joint Displacements

Joint	OutputCase	U1	U2	U3	R1	R2	R3
		mm	mm	mm	Radians	Radians	Radians
551~Link	Qm	0.	0.	0.	0.	0.	0.
551~Link	Qs	0.	0.	0.	0.	0.	0.
551~Link	T+	0.	0.	0.	0.	0.	0.
551~Link	T-	0.	0.	0.	0.	0.	0.
551~Link	W	0.	0.	0.	0.	0.	0.
551~Link	Qm-1	0.	0.	0.	0.	0.	0.
551~Link	Qm-2	0.	0.	0.	0.	0.	0.
552~Link	DEAD	0.	0.	0.	0.	0.	0.
552~Link	G1	0.	0.	0.	0.	0.	0.
552~Link	G2	0.	0.	0.	0.	0.	0.
552~Link	Qm	0.	0.	0.	0.	0.	0.
552~Link	Qs	0.	0.	0.	0.	0.	0.
552~Link	T+	0.	0.	0.	0.	0.	0.
552~Link	T-	0.	0.	0.	0.	0.	0.
552~Link	W	0.	0.	0.	0.	0.	0.
552~Link	Qm-1	0.	0.	0.	0.	0.	0.
552~Link	Qm-2	0.	0.	0.	0.	0.	0.
554~Link	DEAD	0.	0.	0.	0.	0.	0.
554~Link	G1	0.	0.	0.	0.	0.	0.
554~Link	G2	0.	0.	0.	0.	0.	0.
554~Link	Qm	0.	0.	0.	0.	0.	0.
554~Link	Qs	0.	0.	0.	0.	0.	0.
554~Link	T+	0.	0.	0.	0.	0.	0.
554~Link	T-	0.	0.	0.	0.	0.	0.
554~Link	W	0.	0.	0.	0.	0.	0.
554~Link	Qm-1	0.	0.	0.	0.	0.	0.
554~Link	Qm-2	0.	0.	0.	0.	0.	0.
553~Link	DEAD	0.	0.	0.	0.	0.	0.
553~Link	G1	0.	0.	0.	0.	0.	0.
553~Link	G2	0.	0.	0.	0.	0.	0.
553~Link	Qm	0.	0.	0.	0.	0.	0.
553~Link	Qs	0.	0.	0.	0.	0.	0.
553~Link	T+	0.	0.	0.	0.	0.	0.
553~Link	T-	0.	0.	0.	0.	0.	0.
553~Link	W	0.	0.	0.	0.	0.	0.
553~Link	Qm-1	0.	0.	0.	0.	0.	0.
553~Link	Qm-2	0.	0.	0.	0.	0.	0.
555~Link	DEAD	0.	0.	0.	0.	0.	0.
555~Link	G1	0.	0.	0.	0.	0.	0.
555~Link	G2	0.	0.	0.	0.	0.	0.
555~Link	Qm	0.	0.	0.	0.	0.	0.
555~Link	Qs	0.	0.	0.	0.	0.	0.
555~Link	T+	0.	0.	0.	0.	0.	0.
555~Link	T-	0.	0.	0.	0.	0.	0.
555~Link	W	0.	0.	0.	0.	0.	0.
555~Link	Qm-1	0.	0.	0.	0.	0.	0.
555~Link	Qm-2	0.	0.	0.	0.	0.	0.
556~Link	DEAD	0.	0.	0.	0.	0.	0.
556~Link	G1	0.	0.	0.	0.	0.	0.
556~Link	G2	0.	0.	0.	0.	0.	0.
556~Link	Qm	0.	0.	0.	0.	0.	0.
556~Link	Qs	0.	0.	0.	0.	0.	0.
556~Link	T+	0.	0.	0.	0.	0.	0.
556~Link	T-	0.	0.	0.	0.	0.	0.

Table 24: Joint Displacements

Joint	OutputCase	U1	U2	U3	R1	R2	R3
		mm	mm	mm	Radians	Radians	Radians
556~Link	W	0.	0.	0.	0.	0.	0.
556~Link	Qm-1	0.	0.	0.	0.	0.	0.
556~Link	Qm-2	0.	0.	0.	0.	0.	0.
557~Link	DEAD	0.	0.	0.	0.	0.	0.
557~Link	G1	0.	0.	0.	0.	0.	0.
557~Link	G2	0.	0.	0.	0.	0.	0.
557~Link	Qm	0.	0.	0.	0.	0.	0.
557~Link	Qs	0.	0.	0.	0.	0.	0.
557~Link	T+	0.	0.	0.	0.	0.	0.
557~Link	T-	0.	0.	0.	0.	0.	0.
557~Link	W	0.	0.	0.	0.	0.	0.
557~Link	Qm-1	0.	0.	0.	0.	0.	0.
557~Link	Qm-2	0.	0.	0.	0.	0.	0.
558~Link	DEAD	0.	0.	0.	0.	0.	0.
558~Link	G1	0.	0.	0.	0.	0.	0.
558~Link	G2	0.	0.	0.	0.	0.	0.
558~Link	Qm	0.	0.	0.	0.	0.	0.
558~Link	Qs	0.	0.	0.	0.	0.	0.
558~Link	T+	0.	0.	0.	0.	0.	0.
558~Link	T-	0.	0.	0.	0.	0.	0.
558~Link	W	0.	0.	0.	0.	0.	0.
558~Link	Qm-1	0.	0.	0.	0.	0.	0.
558~Link	Qm-2	0.	0.	0.	0.	0.	0.
559~Link	DEAD	0.	0.	0.	0.	0.	0.
559~Link	G1	0.	0.	0.	0.	0.	0.
559~Link	G2	0.	0.	0.	0.	0.	0.
559~Link	Qm	0.	0.	0.	0.	0.	0.
559~Link	Qs	0.	0.	0.	0.	0.	0.
559~Link	T+	0.	0.	0.	0.	0.	0.
559~Link	T-	0.	0.	0.	0.	0.	0.
559~Link	W	0.	0.	0.	0.	0.	0.
559~Link	Qm-1	0.	0.	0.	0.	0.	0.
559~Link	Qm-2	0.	0.	0.	0.	0.	0.
560~Link	DEAD	0.	0.	0.	0.	0.	0.
560~Link	G1	0.	0.	0.	0.	0.	0.
560~Link	G2	0.	0.	0.	0.	0.	0.
560~Link	Qm	0.	0.	0.	0.	0.	0.
560~Link	Qs	0.	0.	0.	0.	0.	0.
560~Link	T+	0.	0.	0.	0.	0.	0.
560~Link	T-	0.	0.	0.	0.	0.	0.
560~Link	W	0.	0.	0.	0.	0.	0.
560~Link	Qm-1	0.	0.	0.	0.	0.	0.
560~Link	Qm-2	0.	0.	0.	0.	0.	0.
561~Link	DEAD	0.	0.	0.	0.	0.	0.
561~Link	G1	0.	0.	0.	0.	0.	0.
561~Link	G2	0.	0.	0.	0.	0.	0.
561~Link	Qm	0.	0.	0.	0.	0.	0.
561~Link	Qs	0.	0.	0.	0.	0.	0.
561~Link	T+	0.	0.	0.	0.	0.	0.
561~Link	T-	0.	0.	0.	0.	0.	0.
561~Link	W	0.	0.	0.	0.	0.	0.
561~Link	Qm-1	0.	0.	0.	0.	0.	0.
561~Link	Qm-2	0.	0.	0.	0.	0.	0.
562~Link	DEAD	0.	0.	0.	0.	0.	0.

Table 24: Joint Displacements

Joint	OutputCase	U1	U2	U3	R1	R2	R3
		mm	mm	mm	Radians	Radians	Radians
562~Link	G1	0.	0.	0.	0.	0.	0.
562~Link	G2	0.	0.	0.	0.	0.	0.
562~Link	Qm	0.	0.	0.	0.	0.	0.
562~Link	Qs	0.	0.	0.	0.	0.	0.
562~Link	T+	0.	0.	0.	0.	0.	0.
562~Link	T-	0.	0.	0.	0.	0.	0.
562~Link	W	0.	0.	0.	0.	0.	0.
562~Link	Qm-1	0.	0.	0.	0.	0.	0.
562~Link	Qm-2	0.	0.	0.	0.	0.	0.
563~Link	DEAD	0.	0.	0.	0.	0.	0.
563~Link	G1	0.	0.	0.	0.	0.	0.
563~Link	G2	0.	0.	0.	0.	0.	0.
563~Link	Qm	0.	0.	0.	0.	0.	0.
563~Link	Qs	0.	0.	0.	0.	0.	0.
563~Link	T+	0.	0.	0.	0.	0.	0.
563~Link	T-	0.	0.	0.	0.	0.	0.
563~Link	W	0.	0.	0.	0.	0.	0.
563~Link	Qm-1	0.	0.	0.	0.	0.	0.
563~Link	Qm-2	0.	0.	0.	0.	0.	0.
564~Link	DEAD	0.	0.	0.	0.	0.	0.
564~Link	G1	0.	0.	0.	0.	0.	0.
564~Link	G2	0.	0.	0.	0.	0.	0.
564~Link	Qm	0.	0.	0.	0.	0.	0.
564~Link	Qs	0.	0.	0.	0.	0.	0.
564~Link	T+	0.	0.	0.	0.	0.	0.
564~Link	T-	0.	0.	0.	0.	0.	0.
564~Link	W	0.	0.	0.	0.	0.	0.
564~Link	Qm-1	0.	0.	0.	0.	0.	0.
564~Link	Qm-2	0.	0.	0.	0.	0.	0.
565~Link	DEAD	0.	0.	0.	0.	0.	0.
565~Link	G1	0.	0.	0.	0.	0.	0.
565~Link	G2	0.	0.	0.	0.	0.	0.
565~Link	Qm	0.	0.	0.	0.	0.	0.
565~Link	Qs	0.	0.	0.	0.	0.	0.
565~Link	T+	0.	0.	0.	0.	0.	0.
565~Link	T-	0.	0.	0.	0.	0.	0.
565~Link	W	0.	0.	0.	0.	0.	0.
565~Link	Qm-1	0.	0.	0.	0.	0.	0.
565~Link	Qm-2	0.	0.	0.	0.	0.	0.
566~Link	DEAD	0.	0.	0.	0.	0.	0.
566~Link	G1	0.	0.	0.	0.	0.	0.
566~Link	G2	0.	0.	0.	0.	0.	0.
566~Link	Qm	0.	0.	0.	0.	0.	0.
566~Link	Qs	0.	0.	0.	0.	0.	0.
566~Link	T+	0.	0.	0.	0.	0.	0.
566~Link	T-	0.	0.	0.	0.	0.	0.
566~Link	W	0.	0.	0.	0.	0.	0.
566~Link	Qm-1	0.	0.	0.	0.	0.	0.
566~Link	Qm-2	0.	0.	0.	0.	0.	0.
567~Link	DEAD	0.	0.	0.	0.	0.	0.
567~Link	G1	0.	0.	0.	0.	0.	0.
567~Link	G2	0.	0.	0.	0.	0.	0.
567~Link	Qm	0.	0.	0.	0.	0.	0.
567~Link	Qs	0.	0.	0.	0.	0.	0.

Table 24: Joint Displacements

Joint	OutputCase	U1	U2	U3	R1	R2	R3
		mm	mm	mm	Radians	Radians	Radians
567~Link	T+	0.	0.	0.	0.	0.	0.
567~Link	T-	0.	0.	0.	0.	0.	0.
567~Link	W	0.	0.	0.	0.	0.	0.
567~Link	Qm-1	0.	0.	0.	0.	0.	0.
567~Link	Qm-2	0.	0.	0.	0.	0.	0.
568~Link	DEAD	0.	0.	0.	0.	0.	0.
568~Link	G1	0.	0.	0.	0.	0.	0.
568~Link	G2	0.	0.	0.	0.	0.	0.
568~Link	Qm	0.	0.	0.	0.	0.	0.
568~Link	Qs	0.	0.	0.	0.	0.	0.
568~Link	T+	0.	0.	0.	0.	0.	0.
568~Link	T-	0.	0.	0.	0.	0.	0.
568~Link	W	0.	0.	0.	0.	0.	0.
568~Link	Qm-1	0.	0.	0.	0.	0.	0.
568~Link	Qm-2	0.	0.	0.	0.	0.	0.
569~Link	DEAD	0.	0.	0.	0.	0.	0.
569~Link	G1	0.	0.	0.	0.	0.	0.
569~Link	G2	0.	0.	0.	0.	0.	0.
569~Link	Qm	0.	0.	0.	0.	0.	0.
569~Link	Qs	0.	0.	0.	0.	0.	0.
569~Link	T+	0.	0.	0.	0.	0.	0.
569~Link	T-	0.	0.	0.	0.	0.	0.
569~Link	W	0.	0.	0.	0.	0.	0.
569~Link	Qm-1	0.	0.	0.	0.	0.	0.
569~Link	Qm-2	0.	0.	0.	0.	0.	0.
570~Link	DEAD	0.	0.	0.	0.	0.	0.
570~Link	G1	0.	0.	0.	0.	0.	0.
570~Link	G2	0.	0.	0.	0.	0.	0.
570~Link	Qm	0.	0.	0.	0.	0.	0.
570~Link	Qs	0.	0.	0.	0.	0.	0.
570~Link	T+	0.	0.	0.	0.	0.	0.
570~Link	T-	0.	0.	0.	0.	0.	0.
570~Link	W	0.	0.	0.	0.	0.	0.
570~Link	Qm-1	0.	0.	0.	0.	0.	0.
570~Link	Qm-2	0.	0.	0.	0.	0.	0.
571~Link	DEAD	0.	0.	0.	0.	0.	0.
571~Link	G1	0.	0.	0.	0.	0.	0.
571~Link	G2	0.	0.	0.	0.	0.	0.
571~Link	Qm	0.	0.	0.	0.	0.	0.
571~Link	Qs	0.	0.	0.	0.	0.	0.
571~Link	T+	0.	0.	0.	0.	0.	0.
571~Link	T-	0.	0.	0.	0.	0.	0.
571~Link	W	0.	0.	0.	0.	0.	0.
571~Link	Qm-1	0.	0.	0.	0.	0.	0.
571~Link	Qm-2	0.	0.	0.	0.	0.	0.
572~Link	DEAD	0.	0.	0.	0.	0.	0.
572~Link	G1	0.	0.	0.	0.	0.	0.
572~Link	G2	0.	0.	0.	0.	0.	0.
572~Link	Qm	0.	0.	0.	0.	0.	0.
572~Link	Qs	0.	0.	0.	0.	0.	0.
572~Link	T+	0.	0.	0.	0.	0.	0.
572~Link	T-	0.	0.	0.	0.	0.	0.
572~Link	W	0.	0.	0.	0.	0.	0.
572~Link	Qm-1	0.	0.	0.	0.	0.	0.

Table 24: Joint Displacements

Joint	OutputCase	U1	U2	U3	R1	R2	R3
		mm	mm	mm	Radians	Radians	Radians
572~Link	Qm-2	0.	0.	0.	0.	0.	0.
573~Link	DEAD	0.	0.	0.	0.	0.	0.
573~Link	G1	0.	0.	0.	0.	0.	0.
573~Link	G2	0.	0.	0.	0.	0.	0.
573~Link	Qm	0.	0.	0.	0.	0.	0.
573~Link	Qs	0.	0.	0.	0.	0.	0.
573~Link	T+	0.	0.	0.	0.	0.	0.
573~Link	T-	0.	0.	0.	0.	0.	0.
573~Link	W	0.	0.	0.	0.	0.	0.
573~Link	Qm-1	0.	0.	0.	0.	0.	0.
573~Link	Qm-2	0.	0.	0.	0.	0.	0.
574~Link	DEAD	0.	0.	0.	0.	0.	0.
574~Link	G1	0.	0.	0.	0.	0.	0.
574~Link	G2	0.	0.	0.	0.	0.	0.
574~Link	Qm	0.	0.	0.	0.	0.	0.
574~Link	Qs	0.	0.	0.	0.	0.	0.
574~Link	T+	0.	0.	0.	0.	0.	0.
574~Link	T-	0.	0.	0.	0.	0.	0.
574~Link	W	0.	0.	0.	0.	0.	0.
574~Link	Qm-1	0.	0.	0.	0.	0.	0.
574~Link	Qm-2	0.	0.	0.	0.	0.	0.
575~Link	DEAD	0.	0.	0.	0.	0.	0.
575~Link	G1	0.	0.	0.	0.	0.	0.
575~Link	G2	0.	0.	0.	0.	0.	0.
575~Link	Qm	0.	0.	0.	0.	0.	0.
575~Link	Qs	0.	0.	0.	0.	0.	0.
575~Link	T+	0.	0.	0.	0.	0.	0.
575~Link	T-	0.	0.	0.	0.	0.	0.
575~Link	W	0.	0.	0.	0.	0.	0.
575~Link	Qm-1	0.	0.	0.	0.	0.	0.
575~Link	Qm-2	0.	0.	0.	0.	0.	0.
576~Link	DEAD	0.	0.	0.	0.	0.	0.
576~Link	G1	0.	0.	0.	0.	0.	0.
576~Link	G2	0.	0.	0.	0.	0.	0.
576~Link	Qm	0.	0.	0.	0.	0.	0.
576~Link	Qs	0.	0.	0.	0.	0.	0.
576~Link	T+	0.	0.	0.	0.	0.	0.
576~Link	T-	0.	0.	0.	0.	0.	0.
576~Link	W	0.	0.	0.	0.	0.	0.
576~Link	Qm-1	0.	0.	0.	0.	0.	0.
576~Link	Qm-2	0.	0.	0.	0.	0.	0.
577~Link	DEAD	0.	0.	0.	0.	0.	0.
577~Link	G1	0.	0.	0.	0.	0.	0.
577~Link	G2	0.	0.	0.	0.	0.	0.
577~Link	Qm	0.	0.	0.	0.	0.	0.
577~Link	Qs	0.	0.	0.	0.	0.	0.
577~Link	T+	0.	0.	0.	0.	0.	0.
577~Link	T-	0.	0.	0.	0.	0.	0.
577~Link	W	0.	0.	0.	0.	0.	0.
577~Link	Qm-1	0.	0.	0.	0.	0.	0.
577~Link	Qm-2	0.	0.	0.	0.	0.	0.
578~Link	DEAD	0.	0.	0.	0.	0.	0.
578~Link	G1	0.	0.	0.	0.	0.	0.
578~Link	G2	0.	0.	0.	0.	0.	0.

Table 24: Joint Displacements

Joint	OutputCase	U1	U2	U3	R1	R2	R3
		mm	mm	mm	Radians	Radians	Radians
578~Link	Qm	0.	0.	0.	0.	0.	0.
578~Link	Qs	0.	0.	0.	0.	0.	0.
578~Link	T+	0.	0.	0.	0.	0.	0.
578~Link	T-	0.	0.	0.	0.	0.	0.
578~Link	W	0.	0.	0.	0.	0.	0.
578~Link	Qm-1	0.	0.	0.	0.	0.	0.
578~Link	Qm-2	0.	0.	0.	0.	0.	0.
580~Link	DEAD	0.	0.	0.	0.	0.	0.
580~Link	G1	0.	0.	0.	0.	0.	0.
580~Link	G2	0.	0.	0.	0.	0.	0.
580~Link	Qm	0.	0.	0.	0.	0.	0.
580~Link	Qs	0.	0.	0.	0.	0.	0.
580~Link	T+	0.	0.	0.	0.	0.	0.
580~Link	T-	0.	0.	0.	0.	0.	0.
580~Link	W	0.	0.	0.	0.	0.	0.
580~Link	Qm-1	0.	0.	0.	0.	0.	0.
580~Link	Qm-2	0.	0.	0.	0.	0.	0.
579~Link	DEAD	0.	0.	0.	0.	0.	0.
579~Link	G1	0.	0.	0.	0.	0.	0.
579~Link	G2	0.	0.	0.	0.	0.	0.
579~Link	Qm	0.	0.	0.	0.	0.	0.
579~Link	Qs	0.	0.	0.	0.	0.	0.
579~Link	T+	0.	0.	0.	0.	0.	0.
579~Link	T-	0.	0.	0.	0.	0.	0.
579~Link	W	0.	0.	0.	0.	0.	0.
579~Link	Qm-1	0.	0.	0.	0.	0.	0.
579~Link	Qm-2	0.	0.	0.	0.	0.	0.
581~Link	DEAD	0.	0.	0.	0.	0.	0.
581~Link	G1	0.	0.	0.	0.	0.	0.
581~Link	G2	0.	0.	0.	0.	0.	0.
581~Link	Qm	0.	0.	0.	0.	0.	0.
581~Link	Qs	0.	0.	0.	0.	0.	0.
581~Link	T+	0.	0.	0.	0.	0.	0.
581~Link	T-	0.	0.	0.	0.	0.	0.
581~Link	W	0.	0.	0.	0.	0.	0.
581~Link	Qm-1	0.	0.	0.	0.	0.	0.
581~Link	Qm-2	0.	0.	0.	0.	0.	0.
582~Link	DEAD	0.	0.	0.	0.	0.	0.
582~Link	G1	0.	0.	0.	0.	0.	0.
582~Link	G2	0.	0.	0.	0.	0.	0.
582~Link	Qm	0.	0.	0.	0.	0.	0.
582~Link	Qs	0.	0.	0.	0.	0.	0.
582~Link	T+	0.	0.	0.	0.	0.	0.
582~Link	T-	0.	0.	0.	0.	0.	0.
582~Link	W	0.	0.	0.	0.	0.	0.
582~Link	Qm-1	0.	0.	0.	0.	0.	0.
582~Link	Qm-2	0.	0.	0.	0.	0.	0.
583~Link	DEAD	0.	0.	0.	0.	0.	0.
583~Link	G1	0.	0.	0.	0.	0.	0.
583~Link	G2	0.	0.	0.	0.	0.	0.
583~Link	Qm	0.	0.	0.	0.	0.	0.
583~Link	Qs	0.	0.	0.	0.	0.	0.
583~Link	T+	0.	0.	0.	0.	0.	0.
583~Link	T-	0.	0.	0.	0.	0.	0.

Table 24: Joint Displacements

Joint	OutputCase	U1	U2	U3	R1	R2	R3
		mm	mm	mm	Radians	Radians	Radians
583~Link	W	0.	0.	0.	0.	0.	0.
583~Link	Qm-1	0.	0.	0.	0.	0.	0.
583~Link	Qm-2	0.	0.	0.	0.	0.	0.
584~Link	DEAD	0.	0.	0.	0.	0.	0.
584~Link	G1	0.	0.	0.	0.	0.	0.
584~Link	G2	0.	0.	0.	0.	0.	0.
584~Link	Qm	0.	0.	0.	0.	0.	0.
584~Link	Qs	0.	0.	0.	0.	0.	0.
584~Link	T+	0.	0.	0.	0.	0.	0.
584~Link	T-	0.	0.	0.	0.	0.	0.
584~Link	W	0.	0.	0.	0.	0.	0.
584~Link	Qm-1	0.	0.	0.	0.	0.	0.
584~Link	Qm-2	0.	0.	0.	0.	0.	0.
585~Link	DEAD	0.	0.	0.	0.	0.	0.
585~Link	G1	0.	0.	0.	0.	0.	0.
585~Link	G2	0.	0.	0.	0.	0.	0.
585~Link	Qm	0.	0.	0.	0.	0.	0.
585~Link	Qs	0.	0.	0.	0.	0.	0.
585~Link	T+	0.	0.	0.	0.	0.	0.
585~Link	T-	0.	0.	0.	0.	0.	0.
585~Link	W	0.	0.	0.	0.	0.	0.
585~Link	Qm-1	0.	0.	0.	0.	0.	0.
585~Link	Qm-2	0.	0.	0.	0.	0.	0.
586~Link	DEAD	0.	0.	0.	0.	0.	0.
586~Link	G1	0.	0.	0.	0.	0.	0.
586~Link	G2	0.	0.	0.	0.	0.	0.
586~Link	Qm	0.	0.	0.	0.	0.	0.
586~Link	Qs	0.	0.	0.	0.	0.	0.
586~Link	T+	0.	0.	0.	0.	0.	0.
586~Link	T-	0.	0.	0.	0.	0.	0.
586~Link	W	0.	0.	0.	0.	0.	0.
586~Link	Qm-1	0.	0.	0.	0.	0.	0.
586~Link	Qm-2	0.	0.	0.	0.	0.	0.
587~Link	DEAD	0.	0.	0.	0.	0.	0.
587~Link	G1	0.	0.	0.	0.	0.	0.
587~Link	G2	0.	0.	0.	0.	0.	0.
587~Link	Qm	0.	0.	0.	0.	0.	0.
587~Link	Qs	0.	0.	0.	0.	0.	0.
587~Link	T+	0.	0.	0.	0.	0.	0.
587~Link	T-	0.	0.	0.	0.	0.	0.
587~Link	W	0.	0.	0.	0.	0.	0.
587~Link	Qm-1	0.	0.	0.	0.	0.	0.
587~Link	Qm-2	0.	0.	0.	0.	0.	0.
588~Link	DEAD	0.	0.	0.	0.	0.	0.
588~Link	G1	0.	0.	0.	0.	0.	0.
588~Link	G2	0.	0.	0.	0.	0.	0.
588~Link	Qm	0.	0.	0.	0.	0.	0.
588~Link	Qs	0.	0.	0.	0.	0.	0.
588~Link	T+	0.	0.	0.	0.	0.	0.
588~Link	T-	0.	0.	0.	0.	0.	0.
588~Link	W	0.	0.	0.	0.	0.	0.
588~Link	Qm-1	0.	0.	0.	0.	0.	0.
588~Link	Qm-2	0.	0.	0.	0.	0.	0.
589~Link	DEAD	0.	0.	0.	0.	0.	0.

Table 24: Joint Displacements

Joint	OutputCase	U1	U2	U3	R1	R2	R3
		mm	mm	mm	Radians	Radians	Radians
589~Link	G1	0.	0.	0.	0.	0.	0.
589~Link	G2	0.	0.	0.	0.	0.	0.
589~Link	Qm	0.	0.	0.	0.	0.	0.
589~Link	Qs	0.	0.	0.	0.	0.	0.
589~Link	T+	0.	0.	0.	0.	0.	0.
589~Link	T-	0.	0.	0.	0.	0.	0.
589~Link	W	0.	0.	0.	0.	0.	0.
589~Link	Qm-1	0.	0.	0.	0.	0.	0.
589~Link	Qm-2	0.	0.	0.	0.	0.	0.
590~Link	DEAD	0.	0.	0.	0.	0.	0.
590~Link	G1	0.	0.	0.	0.	0.	0.
590~Link	G2	0.	0.	0.	0.	0.	0.
590~Link	Qm	0.	0.	0.	0.	0.	0.
590~Link	Qs	0.	0.	0.	0.	0.	0.
590~Link	T+	0.	0.	0.	0.	0.	0.
590~Link	T-	0.	0.	0.	0.	0.	0.
590~Link	W	0.	0.	0.	0.	0.	0.
590~Link	Qm-1	0.	0.	0.	0.	0.	0.
590~Link	Qm-2	0.	0.	0.	0.	0.	0.
591~Link	DEAD	0.	0.	0.	0.	0.	0.
591~Link	G1	0.	0.	0.	0.	0.	0.
591~Link	G2	0.	0.	0.	0.	0.	0.
591~Link	Qm	0.	0.	0.	0.	0.	0.
591~Link	Qs	0.	0.	0.	0.	0.	0.
591~Link	T+	0.	0.	0.	0.	0.	0.
591~Link	T-	0.	0.	0.	0.	0.	0.
591~Link	W	0.	0.	0.	0.	0.	0.
591~Link	Qm-1	0.	0.	0.	0.	0.	0.
591~Link	Qm-2	0.	0.	0.	0.	0.	0.
592~Link	DEAD	0.	0.	0.	0.	0.	0.
592~Link	G1	0.	0.	0.	0.	0.	0.
592~Link	G2	0.	0.	0.	0.	0.	0.
592~Link	Qm	0.	0.	0.	0.	0.	0.
592~Link	Qs	0.	0.	0.	0.	0.	0.
592~Link	T+	0.	0.	0.	0.	0.	0.
592~Link	T-	0.	0.	0.	0.	0.	0.
592~Link	W	0.	0.	0.	0.	0.	0.
592~Link	Qm-1	0.	0.	0.	0.	0.	0.
592~Link	Qm-2	0.	0.	0.	0.	0.	0.
593~Link	DEAD	0.	0.	0.	0.	0.	0.
593~Link	G1	0.	0.	0.	0.	0.	0.
593~Link	G2	0.	0.	0.	0.	0.	0.
593~Link	Qm	0.	0.	0.	0.	0.	0.
593~Link	Qs	0.	0.	0.	0.	0.	0.
593~Link	T+	0.	0.	0.	0.	0.	0.
593~Link	T-	0.	0.	0.	0.	0.	0.
593~Link	W	0.	0.	0.	0.	0.	0.
593~Link	Qm-1	0.	0.	0.	0.	0.	0.
593~Link	Qm-2	0.	0.	0.	0.	0.	0.
594~Link	DEAD	0.	0.	0.	0.	0.	0.
594~Link	G1	0.	0.	0.	0.	0.	0.
594~Link	G2	0.	0.	0.	0.	0.	0.
594~Link	Qm	0.	0.	0.	0.	0.	0.
594~Link	Qs	0.	0.	0.	0.	0.	0.

Table 24: Joint Displacements

Joint	OutputCase	U1	U2	U3	R1	R2	R3
		mm	mm	mm	Radians	Radians	Radians
594~Link	T+	0.	0.	0.	0.	0.	0.
594~Link	T-	0.	0.	0.	0.	0.	0.
594~Link	W	0.	0.	0.	0.	0.	0.
594~Link	Qm-1	0.	0.	0.	0.	0.	0.
594~Link	Qm-2	0.	0.	0.	0.	0.	0.
595~Link	DEAD	0.	0.	0.	0.	0.	0.
595~Link	G1	0.	0.	0.	0.	0.	0.
595~Link	G2	0.	0.	0.	0.	0.	0.
595~Link	Qm	0.	0.	0.	0.	0.	0.
595~Link	Qs	0.	0.	0.	0.	0.	0.
595~Link	T+	0.	0.	0.	0.	0.	0.
595~Link	T-	0.	0.	0.	0.	0.	0.
595~Link	W	0.	0.	0.	0.	0.	0.
595~Link	Qm-1	0.	0.	0.	0.	0.	0.
595~Link	Qm-2	0.	0.	0.	0.	0.	0.
596~Link	DEAD	0.	0.	0.	0.	0.	0.
596~Link	G1	0.	0.	0.	0.	0.	0.
596~Link	G2	0.	0.	0.	0.	0.	0.
596~Link	Qm	0.	0.	0.	0.	0.	0.
596~Link	Qs	0.	0.	0.	0.	0.	0.
596~Link	T+	0.	0.	0.	0.	0.	0.
596~Link	T-	0.	0.	0.	0.	0.	0.
596~Link	W	0.	0.	0.	0.	0.	0.
596~Link	Qm-1	0.	0.	0.	0.	0.	0.
596~Link	Qm-2	0.	0.	0.	0.	0.	0.
597~Link	DEAD	0.	0.	0.	0.	0.	0.
597~Link	G1	0.	0.	0.	0.	0.	0.
597~Link	G2	0.	0.	0.	0.	0.	0.
597~Link	Qm	0.	0.	0.	0.	0.	0.
597~Link	Qs	0.	0.	0.	0.	0.	0.
597~Link	T+	0.	0.	0.	0.	0.	0.
597~Link	T-	0.	0.	0.	0.	0.	0.
597~Link	W	0.	0.	0.	0.	0.	0.
597~Link	Qm-1	0.	0.	0.	0.	0.	0.
597~Link	Qm-2	0.	0.	0.	0.	0.	0.
598~Link	DEAD	0.	0.	0.	0.	0.	0.
598~Link	G1	0.	0.	0.	0.	0.	0.
598~Link	G2	0.	0.	0.	0.	0.	0.
598~Link	Qm	0.	0.	0.	0.	0.	0.
598~Link	Qs	0.	0.	0.	0.	0.	0.
598~Link	T+	0.	0.	0.	0.	0.	0.
598~Link	T-	0.	0.	0.	0.	0.	0.
598~Link	W	0.	0.	0.	0.	0.	0.
598~Link	Qm-1	0.	0.	0.	0.	0.	0.
598~Link	Qm-2	0.	0.	0.	0.	0.	0.
599~Link	DEAD	0.	0.	0.	0.	0.	0.
599~Link	G1	0.	0.	0.	0.	0.	0.
599~Link	G2	0.	0.	0.	0.	0.	0.
599~Link	Qm	0.	0.	0.	0.	0.	0.
599~Link	Qs	0.	0.	0.	0.	0.	0.
599~Link	T+	0.	0.	0.	0.	0.	0.
599~Link	T-	0.	0.	0.	0.	0.	0.
599~Link	W	0.	0.	0.	0.	0.	0.
599~Link	Qm-1	0.	0.	0.	0.	0.	0.

Table 24: Joint Displacements

Joint	OutputCase	U1	U2	U3	R1	R2	R3
		mm	mm	mm	Radians	Radians	Radians
599~Link	Qm-2	0.	0.	0.	0.	0.	0.
600~Link	DEAD	0.	0.	0.	0.	0.	0.
600~Link	G1	0.	0.	0.	0.	0.	0.
600~Link	G2	0.	0.	0.	0.	0.	0.
600~Link	Qm	0.	0.	0.	0.	0.	0.
600~Link	Qs	0.	0.	0.	0.	0.	0.
600~Link	T+	0.	0.	0.	0.	0.	0.
600~Link	T-	0.	0.	0.	0.	0.	0.
600~Link	W	0.	0.	0.	0.	0.	0.
600~Link	Qm-1	0.	0.	0.	0.	0.	0.
600~Link	Qm-2	0.	0.	0.	0.	0.	0.
601~Link	DEAD	0.	0.	0.	0.	0.	0.
601~Link	G1	0.	0.	0.	0.	0.	0.
601~Link	G2	0.	0.	0.	0.	0.	0.
601~Link	Qm	0.	0.	0.	0.	0.	0.
601~Link	Qs	0.	0.	0.	0.	0.	0.
601~Link	T+	0.	0.	0.	0.	0.	0.
601~Link	T-	0.	0.	0.	0.	0.	0.
601~Link	W	0.	0.	0.	0.	0.	0.
601~Link	Qm-1	0.	0.	0.	0.	0.	0.
601~Link	Qm-2	0.	0.	0.	0.	0.	0.
602~Link	DEAD	0.	0.	0.	0.	0.	0.
602~Link	G1	0.	0.	0.	0.	0.	0.
602~Link	G2	0.	0.	0.	0.	0.	0.
602~Link	Qm	0.	0.	0.	0.	0.	0.
602~Link	Qs	0.	0.	0.	0.	0.	0.
602~Link	T+	0.	0.	0.	0.	0.	0.
602~Link	T-	0.	0.	0.	0.	0.	0.
602~Link	W	0.	0.	0.	0.	0.	0.
602~Link	Qm-1	0.	0.	0.	0.	0.	0.
602~Link	Qm-2	0.	0.	0.	0.	0.	0.
603~Link	DEAD	0.	0.	0.	0.	0.	0.
603~Link	G1	0.	0.	0.	0.	0.	0.
603~Link	G2	0.	0.	0.	0.	0.	0.
603~Link	Qm	0.	0.	0.	0.	0.	0.
603~Link	Qs	0.	0.	0.	0.	0.	0.
603~Link	T+	0.	0.	0.	0.	0.	0.
603~Link	T-	0.	0.	0.	0.	0.	0.
603~Link	W	0.	0.	0.	0.	0.	0.
603~Link	Qm-1	0.	0.	0.	0.	0.	0.
603~Link	Qm-2	0.	0.	0.	0.	0.	0.
604~Link	DEAD	0.	0.	0.	0.	0.	0.
604~Link	G1	0.	0.	0.	0.	0.	0.
604~Link	G2	0.	0.	0.	0.	0.	0.
604~Link	Qm	0.	0.	0.	0.	0.	0.
604~Link	Qs	0.	0.	0.	0.	0.	0.
604~Link	T+	0.	0.	0.	0.	0.	0.
604~Link	T-	0.	0.	0.	0.	0.	0.
604~Link	W	0.	0.	0.	0.	0.	0.
604~Link	Qm-1	0.	0.	0.	0.	0.	0.
604~Link	Qm-2	0.	0.	0.	0.	0.	0.
606~Link	DEAD	0.	0.	0.	0.	0.	0.
606~Link	G1	0.	0.	0.	0.	0.	0.
606~Link	G2	0.	0.	0.	0.	0.	0.

Table 24: Joint Displacements

Joint	OutputCase	U1	U2	U3	R1	R2	R3
		mm	mm	mm	Radians	Radians	Radians
606~Link	Qm	0.	0.	0.	0.	0.	0.
606~Link	Qs	0.	0.	0.	0.	0.	0.
606~Link	T+	0.	0.	0.	0.	0.	0.
606~Link	T-	0.	0.	0.	0.	0.	0.
606~Link	W	0.	0.	0.	0.	0.	0.
606~Link	Qm-1	0.	0.	0.	0.	0.	0.
606~Link	Qm-2	0.	0.	0.	0.	0.	0.
605~Link	DEAD	0.	0.	0.	0.	0.	0.
605~Link	G1	0.	0.	0.	0.	0.	0.
605~Link	G2	0.	0.	0.	0.	0.	0.
605~Link	Qm	0.	0.	0.	0.	0.	0.
605~Link	Qs	0.	0.	0.	0.	0.	0.
605~Link	T+	0.	0.	0.	0.	0.	0.
605~Link	T-	0.	0.	0.	0.	0.	0.
605~Link	W	0.	0.	0.	0.	0.	0.
605~Link	Qm-1	0.	0.	0.	0.	0.	0.
605~Link	Qm-2	0.	0.	0.	0.	0.	0.
607~Link	DEAD	0.	0.	0.	0.	0.	0.
607~Link	G1	0.	0.	0.	0.	0.	0.
607~Link	G2	0.	0.	0.	0.	0.	0.
607~Link	Qm	0.	0.	0.	0.	0.	0.
607~Link	Qs	0.	0.	0.	0.	0.	0.
607~Link	T+	0.	0.	0.	0.	0.	0.
607~Link	T-	0.	0.	0.	0.	0.	0.
607~Link	W	0.	0.	0.	0.	0.	0.
607~Link	Qm-1	0.	0.	0.	0.	0.	0.
607~Link	Qm-2	0.	0.	0.	0.	0.	0.
608~Link	DEAD	0.	0.	0.	0.	0.	0.
608~Link	G1	0.	0.	0.	0.	0.	0.
608~Link	G2	0.	0.	0.	0.	0.	0.
608~Link	Qm	0.	0.	0.	0.	0.	0.
608~Link	Qs	0.	0.	0.	0.	0.	0.
608~Link	T+	0.	0.	0.	0.	0.	0.
608~Link	T-	0.	0.	0.	0.	0.	0.
608~Link	W	0.	0.	0.	0.	0.	0.
608~Link	Qm-1	0.	0.	0.	0.	0.	0.
608~Link	Qm-2	0.	0.	0.	0.	0.	0.
609~Link	DEAD	0.	0.	0.	0.	0.	0.
609~Link	G1	0.	0.	0.	0.	0.	0.
609~Link	G2	0.	0.	0.	0.	0.	0.
609~Link	Qm	0.	0.	0.	0.	0.	0.
609~Link	Qs	0.	0.	0.	0.	0.	0.
609~Link	T+	0.	0.	0.	0.	0.	0.
609~Link	T-	0.	0.	0.	0.	0.	0.
609~Link	W	0.	0.	0.	0.	0.	0.
609~Link	Qm-1	0.	0.	0.	0.	0.	0.
609~Link	Qm-2	0.	0.	0.	0.	0.	0.
610~Link	DEAD	0.	0.	0.	0.	0.	0.
610~Link	G1	0.	0.	0.	0.	0.	0.
610~Link	G2	0.	0.	0.	0.	0.	0.
610~Link	Qm	0.	0.	0.	0.	0.	0.
610~Link	Qs	0.	0.	0.	0.	0.	0.
610~Link	T+	0.	0.	0.	0.	0.	0.
610~Link	T-	0.	0.	0.	0.	0.	0.

Table 24: Joint Displacements

Joint	OutputCase	U1	U2	U3	R1	R2	R3
		mm	mm	mm	Radians	Radians	Radians
610~Link	W	0.	0.	0.	0.	0.	0.
610~Link	Qm-1	0.	0.	0.	0.	0.	0.
610~Link	Qm-2	0.	0.	0.	0.	0.	0.
611~Link	DEAD	0.	0.	0.	0.	0.	0.
611~Link	G1	0.	0.	0.	0.	0.	0.
611~Link	G2	0.	0.	0.	0.	0.	0.
611~Link	Qm	0.	0.	0.	0.	0.	0.
611~Link	Qs	0.	0.	0.	0.	0.	0.
611~Link	T+	0.	0.	0.	0.	0.	0.
611~Link	T-	0.	0.	0.	0.	0.	0.
611~Link	W	0.	0.	0.	0.	0.	0.
611~Link	Qm-1	0.	0.	0.	0.	0.	0.
611~Link	Qm-2	0.	0.	0.	0.	0.	0.
612~Link	DEAD	0.	0.	0.	0.	0.	0.
612~Link	G1	0.	0.	0.	0.	0.	0.
612~Link	G2	0.	0.	0.	0.	0.	0.
612~Link	Qm	0.	0.	0.	0.	0.	0.
612~Link	Qs	0.	0.	0.	0.	0.	0.
612~Link	T+	0.	0.	0.	0.	0.	0.
612~Link	T-	0.	0.	0.	0.	0.	0.
612~Link	W	0.	0.	0.	0.	0.	0.
612~Link	Qm-1	0.	0.	0.	0.	0.	0.
612~Link	Qm-2	0.	0.	0.	0.	0.	0.
613~Link	DEAD	0.	0.	0.	0.	0.	0.
613~Link	G1	0.	0.	0.	0.	0.	0.
613~Link	G2	0.	0.	0.	0.	0.	0.
613~Link	Qm	0.	0.	0.	0.	0.	0.
613~Link	Qs	0.	0.	0.	0.	0.	0.
613~Link	T+	0.	0.	0.	0.	0.	0.
613~Link	T-	0.	0.	0.	0.	0.	0.
613~Link	W	0.	0.	0.	0.	0.	0.
613~Link	Qm-1	0.	0.	0.	0.	0.	0.
613~Link	Qm-2	0.	0.	0.	0.	0.	0.
614~Link	DEAD	0.	0.	0.	0.	0.	0.
614~Link	G1	0.	0.	0.	0.	0.	0.
614~Link	G2	0.	0.	0.	0.	0.	0.
614~Link	Qm	0.	0.	0.	0.	0.	0.
614~Link	Qs	0.	0.	0.	0.	0.	0.
614~Link	T+	0.	0.	0.	0.	0.	0.
614~Link	T-	0.	0.	0.	0.	0.	0.
614~Link	W	0.	0.	0.	0.	0.	0.
614~Link	Qm-1	0.	0.	0.	0.	0.	0.
614~Link	Qm-2	0.	0.	0.	0.	0.	0.
615~Link	DEAD	0.	0.	0.	0.	0.	0.
615~Link	G1	0.	0.	0.	0.	0.	0.
615~Link	G2	0.	0.	0.	0.	0.	0.
615~Link	Qm	0.	0.	0.	0.	0.	0.
615~Link	Qs	0.	0.	0.	0.	0.	0.
615~Link	T+	0.	0.	0.	0.	0.	0.
615~Link	T-	0.	0.	0.	0.	0.	0.
615~Link	W	0.	0.	0.	0.	0.	0.
615~Link	Qm-1	0.	0.	0.	0.	0.	0.
615~Link	Qm-2	0.	0.	0.	0.	0.	0.
616~Link	DEAD	0.	0.	0.	0.	0.	0.

Table 24: Joint Displacements

Joint	OutputCase	U1	U2	U3	R1	R2	R3
		mm	mm	mm	Radians	Radians	Radians
616~Link	G1	0.	0.	0.	0.	0.	0.
616~Link	G2	0.	0.	0.	0.	0.	0.
616~Link	Qm	0.	0.	0.	0.	0.	0.
616~Link	Qs	0.	0.	0.	0.	0.	0.
616~Link	T+	0.	0.	0.	0.	0.	0.
616~Link	T-	0.	0.	0.	0.	0.	0.
616~Link	W	0.	0.	0.	0.	0.	0.
616~Link	Qm-1	0.	0.	0.	0.	0.	0.
616~Link	Qm-2	0.	0.	0.	0.	0.	0.
617~Link	DEAD	0.	0.	0.	0.	0.	0.
617~Link	G1	0.	0.	0.	0.	0.	0.
617~Link	G2	0.	0.	0.	0.	0.	0.
617~Link	Qm	0.	0.	0.	0.	0.	0.
617~Link	Qs	0.	0.	0.	0.	0.	0.
617~Link	T+	0.	0.	0.	0.	0.	0.
617~Link	T-	0.	0.	0.	0.	0.	0.
617~Link	W	0.	0.	0.	0.	0.	0.
617~Link	Qm-1	0.	0.	0.	0.	0.	0.
617~Link	Qm-2	0.	0.	0.	0.	0.	0.
618~Link	DEAD	0.	0.	0.	0.	0.	0.
618~Link	G1	0.	0.	0.	0.	0.	0.
618~Link	G2	0.	0.	0.	0.	0.	0.
618~Link	Qm	0.	0.	0.	0.	0.	0.
618~Link	Qs	0.	0.	0.	0.	0.	0.
618~Link	T+	0.	0.	0.	0.	0.	0.
618~Link	T-	0.	0.	0.	0.	0.	0.
618~Link	W	0.	0.	0.	0.	0.	0.
618~Link	Qm-1	0.	0.	0.	0.	0.	0.
618~Link	Qm-2	0.	0.	0.	0.	0.	0.
619~Link	DEAD	0.	0.	0.	0.	0.	0.
619~Link	G1	0.	0.	0.	0.	0.	0.
619~Link	G2	0.	0.	0.	0.	0.	0.
619~Link	Qm	0.	0.	0.	0.	0.	0.
619~Link	Qs	0.	0.	0.	0.	0.	0.
619~Link	T+	0.	0.	0.	0.	0.	0.
619~Link	T-	0.	0.	0.	0.	0.	0.
619~Link	W	0.	0.	0.	0.	0.	0.
619~Link	Qm-1	0.	0.	0.	0.	0.	0.
619~Link	Qm-2	0.	0.	0.	0.	0.	0.
620~Link	DEAD	0.	0.	0.	0.	0.	0.
620~Link	G1	0.	0.	0.	0.	0.	0.
620~Link	G2	0.	0.	0.	0.	0.	0.
620~Link	Qm	0.	0.	0.	0.	0.	0.
620~Link	Qs	0.	0.	0.	0.	0.	0.
620~Link	T+	0.	0.	0.	0.	0.	0.
620~Link	T-	0.	0.	0.	0.	0.	0.
620~Link	W	0.	0.	0.	0.	0.	0.
620~Link	Qm-1	0.	0.	0.	0.	0.	0.
620~Link	Qm-2	0.	0.	0.	0.	0.	0.
621~Link	DEAD	0.	0.	0.	0.	0.	0.
621~Link	G1	0.	0.	0.	0.	0.	0.
621~Link	G2	0.	0.	0.	0.	0.	0.
621~Link	Qm	0.	0.	0.	0.	0.	0.
621~Link	Qs	0.	0.	0.	0.	0.	0.

Table 24: Joint Displacements

Joint	OutputCase	U1	U2	U3	R1	R2	R3
		mm	mm	mm	Radians	Radians	Radians
621~Link	T+	0.	0.	0.	0.	0.	0.
621~Link	T-	0.	0.	0.	0.	0.	0.
621~Link	W	0.	0.	0.	0.	0.	0.
621~Link	Qm-1	0.	0.	0.	0.	0.	0.
621~Link	Qm-2	0.	0.	0.	0.	0.	0.
622~Link	DEAD	0.	0.	0.	0.	0.	0.
622~Link	G1	0.	0.	0.	0.	0.	0.
622~Link	G2	0.	0.	0.	0.	0.	0.
622~Link	Qm	0.	0.	0.	0.	0.	0.
622~Link	Qs	0.	0.	0.	0.	0.	0.
622~Link	T+	0.	0.	0.	0.	0.	0.
622~Link	T-	0.	0.	0.	0.	0.	0.
622~Link	W	0.	0.	0.	0.	0.	0.
622~Link	Qm-1	0.	0.	0.	0.	0.	0.
622~Link	Qm-2	0.	0.	0.	0.	0.	0.
623~Link	DEAD	0.	0.	0.	0.	0.	0.
623~Link	G1	0.	0.	0.	0.	0.	0.
623~Link	G2	0.	0.	0.	0.	0.	0.
623~Link	Qm	0.	0.	0.	0.	0.	0.
623~Link	Qs	0.	0.	0.	0.	0.	0.
623~Link	T+	0.	0.	0.	0.	0.	0.
623~Link	T-	0.	0.	0.	0.	0.	0.
623~Link	W	0.	0.	0.	0.	0.	0.
623~Link	Qm-1	0.	0.	0.	0.	0.	0.
623~Link	Qm-2	0.	0.	0.	0.	0.	0.
624~Link	DEAD	0.	0.	0.	0.	0.	0.
624~Link	G1	0.	0.	0.	0.	0.	0.
624~Link	G2	0.	0.	0.	0.	0.	0.
624~Link	Qm	0.	0.	0.	0.	0.	0.
624~Link	Qs	0.	0.	0.	0.	0.	0.
624~Link	T+	0.	0.	0.	0.	0.	0.
624~Link	T-	0.	0.	0.	0.	0.	0.
624~Link	W	0.	0.	0.	0.	0.	0.
624~Link	Qm-1	0.	0.	0.	0.	0.	0.
624~Link	Qm-2	0.	0.	0.	0.	0.	0.
625~Link	DEAD	0.	0.	0.	0.	0.	0.
625~Link	G1	0.	0.	0.	0.	0.	0.
625~Link	G2	0.	0.	0.	0.	0.	0.
625~Link	Qm	0.	0.	0.	0.	0.	0.
625~Link	Qs	0.	0.	0.	0.	0.	0.
625~Link	T+	0.	0.	0.	0.	0.	0.
625~Link	T-	0.	0.	0.	0.	0.	0.
625~Link	W	0.	0.	0.	0.	0.	0.
625~Link	Qm-1	0.	0.	0.	0.	0.	0.
625~Link	Qm-2	0.	0.	0.	0.	0.	0.
626~Link	DEAD	0.	0.	0.	0.	0.	0.
626~Link	G1	0.	0.	0.	0.	0.	0.
626~Link	G2	0.	0.	0.	0.	0.	0.
626~Link	Qm	0.	0.	0.	0.	0.	0.
626~Link	Qs	0.	0.	0.	0.	0.	0.
626~Link	T+	0.	0.	0.	0.	0.	0.
626~Link	T-	0.	0.	0.	0.	0.	0.
626~Link	W	0.	0.	0.	0.	0.	0.
626~Link	Qm-1	0.	0.	0.	0.	0.	0.

Table 24: Joint Displacements

Joint	OutputCase	U1	U2	U3	R1	R2	R3
		mm	mm	mm	Radians	Radians	Radians
626~Link	Qm-2	0.	0.	0.	0.	0.	0.
627~Link	DEAD	0.	0.	0.	0.	0.	0.
627~Link	G1	0.	0.	0.	0.	0.	0.
627~Link	G2	0.	0.	0.	0.	0.	0.
627~Link	Qm	0.	0.	0.	0.	0.	0.
627~Link	Qs	0.	0.	0.	0.	0.	0.
627~Link	T+	0.	0.	0.	0.	0.	0.
627~Link	T-	0.	0.	0.	0.	0.	0.
627~Link	W	0.	0.	0.	0.	0.	0.
627~Link	Qm-1	0.	0.	0.	0.	0.	0.
627~Link	Qm-2	0.	0.	0.	0.	0.	0.
628~Link	DEAD	0.	0.	0.	0.	0.	0.
628~Link	G1	0.	0.	0.	0.	0.	0.
628~Link	G2	0.	0.	0.	0.	0.	0.
628~Link	Qm	0.	0.	0.	0.	0.	0.
628~Link	Qs	0.	0.	0.	0.	0.	0.
628~Link	T+	0.	0.	0.	0.	0.	0.
628~Link	T-	0.	0.	0.	0.	0.	0.
628~Link	W	0.	0.	0.	0.	0.	0.
628~Link	Qm-1	0.	0.	0.	0.	0.	0.
628~Link	Qm-2	0.	0.	0.	0.	0.	0.
629~Link	DEAD	0.	0.	0.	0.	0.	0.
629~Link	G1	0.	0.	0.	0.	0.	0.
629~Link	G2	0.	0.	0.	0.	0.	0.
629~Link	Qm	0.	0.	0.	0.	0.	0.
629~Link	Qs	0.	0.	0.	0.	0.	0.
629~Link	T+	0.	0.	0.	0.	0.	0.
629~Link	T-	0.	0.	0.	0.	0.	0.
629~Link	W	0.	0.	0.	0.	0.	0.
629~Link	Qm-1	0.	0.	0.	0.	0.	0.
629~Link	Qm-2	0.	0.	0.	0.	0.	0.
630~Link	DEAD	0.	0.	0.	0.	0.	0.
630~Link	G1	0.	0.	0.	0.	0.	0.
630~Link	G2	0.	0.	0.	0.	0.	0.
630~Link	Qm	0.	0.	0.	0.	0.	0.
630~Link	Qs	0.	0.	0.	0.	0.	0.
630~Link	T+	0.	0.	0.	0.	0.	0.
630~Link	T-	0.	0.	0.	0.	0.	0.
630~Link	W	0.	0.	0.	0.	0.	0.
630~Link	Qm-1	0.	0.	0.	0.	0.	0.
630~Link	Qm-2	0.	0.	0.	0.	0.	0.
632~Link	DEAD	0.	0.	0.	0.	0.	0.
632~Link	G1	0.	0.	0.	0.	0.	0.
632~Link	G2	0.	0.	0.	0.	0.	0.
632~Link	Qm	0.	0.	0.	0.	0.	0.
632~Link	Qs	0.	0.	0.	0.	0.	0.
632~Link	T+	0.	0.	0.	0.	0.	0.
632~Link	T-	0.	0.	0.	0.	0.	0.
632~Link	W	0.	0.	0.	0.	0.	0.
632~Link	Qm-1	0.	0.	0.	0.	0.	0.
632~Link	Qm-2	0.	0.	0.	0.	0.	0.
631~Link	DEAD	0.	0.	0.	0.	0.	0.
631~Link	G1	0.	0.	0.	0.	0.	0.
631~Link	G2	0.	0.	0.	0.	0.	0.

Table 24: Joint Displacements

Joint	OutputCase	U1	U2	U3	R1	R2	R3
		mm	mm	mm	Radians	Radians	Radians
631~Link	Qm	0.	0.	0.	0.	0.	0.
631~Link	Qs	0.	0.	0.	0.	0.	0.
631~Link	T+	0.	0.	0.	0.	0.	0.
631~Link	T-	0.	0.	0.	0.	0.	0.
631~Link	W	0.	0.	0.	0.	0.	0.
631~Link	Qm-1	0.	0.	0.	0.	0.	0.
631~Link	Qm-2	0.	0.	0.	0.	0.	0.
633~Link	DEAD	0.	0.	0.	0.	0.	0.
633~Link	G1	0.	0.	0.	0.	0.	0.
633~Link	G2	0.	0.	0.	0.	0.	0.
633~Link	Qm	0.	0.	0.	0.	0.	0.
633~Link	Qs	0.	0.	0.	0.	0.	0.
633~Link	T+	0.	0.	0.	0.	0.	0.
633~Link	T-	0.	0.	0.	0.	0.	0.
633~Link	W	0.	0.	0.	0.	0.	0.
633~Link	Qm-1	0.	0.	0.	0.	0.	0.
633~Link	Qm-2	0.	0.	0.	0.	0.	0.
634~Link	DEAD	0.	0.	0.	0.	0.	0.
634~Link	G1	0.	0.	0.	0.	0.	0.
634~Link	G2	0.	0.	0.	0.	0.	0.
634~Link	Qm	0.	0.	0.	0.	0.	0.
634~Link	Qs	0.	0.	0.	0.	0.	0.
634~Link	T+	0.	0.	0.	0.	0.	0.
634~Link	T-	0.	0.	0.	0.	0.	0.
634~Link	W	0.	0.	0.	0.	0.	0.
634~Link	Qm-1	0.	0.	0.	0.	0.	0.
634~Link	Qm-2	0.	0.	0.	0.	0.	0.
635~Link	DEAD	0.	0.	0.	0.	0.	0.
635~Link	G1	0.	0.	0.	0.	0.	0.
635~Link	G2	0.	0.	0.	0.	0.	0.
635~Link	Qm	0.	0.	0.	0.	0.	0.
635~Link	Qs	0.	0.	0.	0.	0.	0.
635~Link	T+	0.	0.	0.	0.	0.	0.
635~Link	T-	0.	0.	0.	0.	0.	0.
635~Link	W	0.	0.	0.	0.	0.	0.
635~Link	Qm-1	0.	0.	0.	0.	0.	0.
635~Link	Qm-2	0.	0.	0.	0.	0.	0.
636~Link	DEAD	0.	0.	0.	0.	0.	0.
636~Link	G1	0.	0.	0.	0.	0.	0.
636~Link	G2	0.	0.	0.	0.	0.	0.
636~Link	Qm	0.	0.	0.	0.	0.	0.
636~Link	Qs	0.	0.	0.	0.	0.	0.
636~Link	T+	0.	0.	0.	0.	0.	0.
636~Link	T-	0.	0.	0.	0.	0.	0.
636~Link	W	0.	0.	0.	0.	0.	0.
636~Link	Qm-1	0.	0.	0.	0.	0.	0.
636~Link	Qm-2	0.	0.	0.	0.	0.	0.
637~Link	DEAD	0.	0.	0.	0.	0.	0.
637~Link	G1	0.	0.	0.	0.	0.	0.
637~Link	G2	0.	0.	0.	0.	0.	0.
637~Link	Qm	0.	0.	0.	0.	0.	0.
637~Link	Qs	0.	0.	0.	0.	0.	0.
637~Link	T+	0.	0.	0.	0.	0.	0.
637~Link	T-	0.	0.	0.	0.	0.	0.

Table 24: Joint Displacements

Joint	OutputCase	U1	U2	U3	R1	R2	R3
		mm	mm	mm	Radians	Radians	Radians
637~Link	W	0.	0.	0.	0.	0.	0.
637~Link	Qm-1	0.	0.	0.	0.	0.	0.
637~Link	Qm-2	0.	0.	0.	0.	0.	0.
638~Link	DEAD	0.	0.	0.	0.	0.	0.
638~Link	G1	0.	0.	0.	0.	0.	0.
638~Link	G2	0.	0.	0.	0.	0.	0.
638~Link	Qm	0.	0.	0.	0.	0.	0.
638~Link	Qs	0.	0.	0.	0.	0.	0.
638~Link	T+	0.	0.	0.	0.	0.	0.
638~Link	T-	0.	0.	0.	0.	0.	0.
638~Link	W	0.	0.	0.	0.	0.	0.
638~Link	Qm-1	0.	0.	0.	0.	0.	0.
638~Link	Qm-2	0.	0.	0.	0.	0.	0.
639~Link	DEAD	0.	0.	0.	0.	0.	0.
639~Link	G1	0.	0.	0.	0.	0.	0.
639~Link	G2	0.	0.	0.	0.	0.	0.
639~Link	Qm	0.	0.	0.	0.	0.	0.
639~Link	Qs	0.	0.	0.	0.	0.	0.
639~Link	T+	0.	0.	0.	0.	0.	0.
639~Link	T-	0.	0.	0.	0.	0.	0.
639~Link	W	0.	0.	0.	0.	0.	0.
639~Link	Qm-1	0.	0.	0.	0.	0.	0.
639~Link	Qm-2	0.	0.	0.	0.	0.	0.
640~Link	DEAD	0.	0.	0.	0.	0.	0.
640~Link	G1	0.	0.	0.	0.	0.	0.
640~Link	G2	0.	0.	0.	0.	0.	0.
640~Link	Qm	0.	0.	0.	0.	0.	0.
640~Link	Qs	0.	0.	0.	0.	0.	0.
640~Link	T+	0.	0.	0.	0.	0.	0.
640~Link	T-	0.	0.	0.	0.	0.	0.
640~Link	W	0.	0.	0.	0.	0.	0.
640~Link	Qm-1	0.	0.	0.	0.	0.	0.
640~Link	Qm-2	0.	0.	0.	0.	0.	0.
641~Link	DEAD	0.	0.	0.	0.	0.	0.
641~Link	G1	0.	0.	0.	0.	0.	0.
641~Link	G2	0.	0.	0.	0.	0.	0.
641~Link	Qm	0.	0.	0.	0.	0.	0.
641~Link	Qs	0.	0.	0.	0.	0.	0.
641~Link	T+	0.	0.	0.	0.	0.	0.
641~Link	T-	0.	0.	0.	0.	0.	0.
641~Link	W	0.	0.	0.	0.	0.	0.
641~Link	Qm-1	0.	0.	0.	0.	0.	0.
641~Link	Qm-2	0.	0.	0.	0.	0.	0.
642~Link	DEAD	0.	0.	0.	0.	0.	0.
642~Link	G1	0.	0.	0.	0.	0.	0.
642~Link	G2	0.	0.	0.	0.	0.	0.
642~Link	Qm	0.	0.	0.	0.	0.	0.
642~Link	Qs	0.	0.	0.	0.	0.	0.
642~Link	T+	0.	0.	0.	0.	0.	0.
642~Link	T-	0.	0.	0.	0.	0.	0.
642~Link	W	0.	0.	0.	0.	0.	0.
642~Link	Qm-1	0.	0.	0.	0.	0.	0.
642~Link	Qm-2	0.	0.	0.	0.	0.	0.
643~Link	DEAD	0.	0.	0.	0.	0.	0.

Table 24: Joint Displacements

Joint	OutputCase	U1	U2	U3	R1	R2	R3
		mm	mm	mm	Radians	Radians	Radians
643~Link	G1	0.	0.	0.	0.	0.	0.
643~Link	G2	0.	0.	0.	0.	0.	0.
643~Link	Qm	0.	0.	0.	0.	0.	0.
643~Link	Qs	0.	0.	0.	0.	0.	0.
643~Link	T+	0.	0.	0.	0.	0.	0.
643~Link	T-	0.	0.	0.	0.	0.	0.
643~Link	W	0.	0.	0.	0.	0.	0.
643~Link	Qm-1	0.	0.	0.	0.	0.	0.
643~Link	Qm-2	0.	0.	0.	0.	0.	0.
644~Link	DEAD	0.	0.	0.	0.	0.	0.
644~Link	G1	0.	0.	0.	0.	0.	0.
644~Link	G2	0.	0.	0.	0.	0.	0.
644~Link	Qm	0.	0.	0.	0.	0.	0.
644~Link	Qs	0.	0.	0.	0.	0.	0.
644~Link	T+	0.	0.	0.	0.	0.	0.
644~Link	T-	0.	0.	0.	0.	0.	0.
644~Link	W	0.	0.	0.	0.	0.	0.
644~Link	Qm-1	0.	0.	0.	0.	0.	0.
644~Link	Qm-2	0.	0.	0.	0.	0.	0.
645~Link	DEAD	0.	0.	0.	0.	0.	0.
645~Link	G1	0.	0.	0.	0.	0.	0.
645~Link	G2	0.	0.	0.	0.	0.	0.
645~Link	Qm	0.	0.	0.	0.	0.	0.
645~Link	Qs	0.	0.	0.	0.	0.	0.
645~Link	T+	0.	0.	0.	0.	0.	0.
645~Link	T-	0.	0.	0.	0.	0.	0.
645~Link	W	0.	0.	0.	0.	0.	0.
645~Link	Qm-1	0.	0.	0.	0.	0.	0.
645~Link	Qm-2	0.	0.	0.	0.	0.	0.
646~Link	DEAD	0.	0.	0.	0.	0.	0.
646~Link	G1	0.	0.	0.	0.	0.	0.
646~Link	G2	0.	0.	0.	0.	0.	0.
646~Link	Qm	0.	0.	0.	0.	0.	0.
646~Link	Qs	0.	0.	0.	0.	0.	0.
646~Link	T+	0.	0.	0.	0.	0.	0.
646~Link	T-	0.	0.	0.	0.	0.	0.
646~Link	W	0.	0.	0.	0.	0.	0.
646~Link	Qm-1	0.	0.	0.	0.	0.	0.
646~Link	Qm-2	0.	0.	0.	0.	0.	0.
647~Link	DEAD	0.	0.	0.	0.	0.	0.
647~Link	G1	0.	0.	0.	0.	0.	0.
647~Link	G2	0.	0.	0.	0.	0.	0.
647~Link	Qm	0.	0.	0.	0.	0.	0.
647~Link	Qs	0.	0.	0.	0.	0.	0.
647~Link	T+	0.	0.	0.	0.	0.	0.
647~Link	T-	0.	0.	0.	0.	0.	0.
647~Link	W	0.	0.	0.	0.	0.	0.
647~Link	Qm-1	0.	0.	0.	0.	0.	0.
647~Link	Qm-2	0.	0.	0.	0.	0.	0.
648~Link	DEAD	0.	0.	0.	0.	0.	0.
648~Link	G1	0.	0.	0.	0.	0.	0.
648~Link	G2	0.	0.	0.	0.	0.	0.
648~Link	Qm	0.	0.	0.	0.	0.	0.
648~Link	Qs	0.	0.	0.	0.	0.	0.

Table 24: Joint Displacements

Joint	OutputCase	U1	U2	U3	R1	R2	R3
		mm	mm	mm	Radians	Radians	Radians
648~Link	T+	0.	0.	0.	0.	0.	0.
648~Link	T-	0.	0.	0.	0.	0.	0.
648~Link	W	0.	0.	0.	0.	0.	0.
648~Link	Qm-1	0.	0.	0.	0.	0.	0.
648~Link	Qm-2	0.	0.	0.	0.	0.	0.
649~Link	DEAD	0.	0.	0.	0.	0.	0.
649~Link	G1	0.	0.	0.	0.	0.	0.
649~Link	G2	0.	0.	0.	0.	0.	0.
649~Link	Qm	0.	0.	0.	0.	0.	0.
649~Link	Qs	0.	0.	0.	0.	0.	0.
649~Link	T+	0.	0.	0.	0.	0.	0.
649~Link	T-	0.	0.	0.	0.	0.	0.
649~Link	W	0.	0.	0.	0.	0.	0.
649~Link	Qm-1	0.	0.	0.	0.	0.	0.
649~Link	Qm-2	0.	0.	0.	0.	0.	0.
650~Link	DEAD	0.	0.	0.	0.	0.	0.
650~Link	G1	0.	0.	0.	0.	0.	0.
650~Link	G2	0.	0.	0.	0.	0.	0.
650~Link	Qm	0.	0.	0.	0.	0.	0.
650~Link	Qs	0.	0.	0.	0.	0.	0.
650~Link	T+	0.	0.	0.	0.	0.	0.
650~Link	T-	0.	0.	0.	0.	0.	0.
650~Link	W	0.	0.	0.	0.	0.	0.
650~Link	Qm-1	0.	0.	0.	0.	0.	0.
650~Link	Qm-2	0.	0.	0.	0.	0.	0.
651~Link	DEAD	0.	0.	0.	0.	0.	0.
651~Link	G1	0.	0.	0.	0.	0.	0.
651~Link	G2	0.	0.	0.	0.	0.	0.
651~Link	Qm	0.	0.	0.	0.	0.	0.
651~Link	Qs	0.	0.	0.	0.	0.	0.
651~Link	T+	0.	0.	0.	0.	0.	0.
651~Link	T-	0.	0.	0.	0.	0.	0.
651~Link	W	0.	0.	0.	0.	0.	0.
651~Link	Qm-1	0.	0.	0.	0.	0.	0.
651~Link	Qm-2	0.	0.	0.	0.	0.	0.
652~Link	DEAD	0.	0.	0.	0.	0.	0.
652~Link	G1	0.	0.	0.	0.	0.	0.
652~Link	G2	0.	0.	0.	0.	0.	0.
652~Link	Qm	0.	0.	0.	0.	0.	0.
652~Link	Qs	0.	0.	0.	0.	0.	0.
652~Link	T+	0.	0.	0.	0.	0.	0.
652~Link	T-	0.	0.	0.	0.	0.	0.
652~Link	W	0.	0.	0.	0.	0.	0.
652~Link	Qm-1	0.	0.	0.	0.	0.	0.
652~Link	Qm-2	0.	0.	0.	0.	0.	0.
653~Link	DEAD	0.	0.	0.	0.	0.	0.
653~Link	G1	0.	0.	0.	0.	0.	0.
653~Link	G2	0.	0.	0.	0.	0.	0.
653~Link	Qm	0.	0.	0.	0.	0.	0.
653~Link	Qs	0.	0.	0.	0.	0.	0.
653~Link	T+	0.	0.	0.	0.	0.	0.
653~Link	T-	0.	0.	0.	0.	0.	0.
653~Link	W	0.	0.	0.	0.	0.	0.
653~Link	Qm-1	0.	0.	0.	0.	0.	0.

Table 24: Joint Displacements

Joint	OutputCase	U1	U2	U3	R1	R2	R3
		mm	mm	mm	Radians	Radians	Radians
653~Link	Qm-2	0.	0.	0.	0.	0.	0.
654~Link	DEAD	0.	0.	0.	0.	0.	0.
654~Link	G1	0.	0.	0.	0.	0.	0.
654~Link	G2	0.	0.	0.	0.	0.	0.
654~Link	Qm	0.	0.	0.	0.	0.	0.
654~Link	Qs	0.	0.	0.	0.	0.	0.
654~Link	T+	0.	0.	0.	0.	0.	0.
654~Link	T-	0.	0.	0.	0.	0.	0.
654~Link	W	0.	0.	0.	0.	0.	0.
654~Link	Qm-1	0.	0.	0.	0.	0.	0.
654~Link	Qm-2	0.	0.	0.	0.	0.	0.
655~Link	DEAD	0.	0.	0.	0.	0.	0.
655~Link	G1	0.	0.	0.	0.	0.	0.
655~Link	G2	0.	0.	0.	0.	0.	0.
655~Link	Qm	0.	0.	0.	0.	0.	0.
655~Link	Qs	0.	0.	0.	0.	0.	0.
655~Link	T+	0.	0.	0.	0.	0.	0.
655~Link	T-	0.	0.	0.	0.	0.	0.
655~Link	W	0.	0.	0.	0.	0.	0.
655~Link	Qm-1	0.	0.	0.	0.	0.	0.
655~Link	Qm-2	0.	0.	0.	0.	0.	0.
656~Link	DEAD	0.	0.	0.	0.	0.	0.
656~Link	G1	0.	0.	0.	0.	0.	0.
656~Link	G2	0.	0.	0.	0.	0.	0.
656~Link	Qm	0.	0.	0.	0.	0.	0.
656~Link	Qs	0.	0.	0.	0.	0.	0.
656~Link	T+	0.	0.	0.	0.	0.	0.
656~Link	T-	0.	0.	0.	0.	0.	0.
656~Link	W	0.	0.	0.	0.	0.	0.
656~Link	Qm-1	0.	0.	0.	0.	0.	0.
656~Link	Qm-2	0.	0.	0.	0.	0.	0.
657~Link	DEAD	0.	0.	0.	0.	0.	0.
657~Link	G1	0.	0.	0.	0.	0.	0.
657~Link	G2	0.	0.	0.	0.	0.	0.
657~Link	Qm	0.	0.	0.	0.	0.	0.
657~Link	Qs	0.	0.	0.	0.	0.	0.
657~Link	T+	0.	0.	0.	0.	0.	0.
657~Link	T-	0.	0.	0.	0.	0.	0.
657~Link	W	0.	0.	0.	0.	0.	0.
657~Link	Qm-1	0.	0.	0.	0.	0.	0.
657~Link	Qm-2	0.	0.	0.	0.	0.	0.
6~Link	DEAD	0.	0.	0.	0.	0.	0.
6~Link	G1	0.	0.	0.	0.	0.	0.
6~Link	G2	0.	0.	0.	0.	0.	0.
6~Link	Qm	0.	0.	0.	0.	0.	0.
6~Link	Qs	0.	0.	0.	0.	0.	0.
6~Link	T+	0.	0.	0.	0.	0.	0.
6~Link	T-	0.	0.	0.	0.	0.	0.
6~Link	W	0.	0.	0.	0.	0.	0.
6~Link	Qm-1	0.	0.	0.	0.	0.	0.
6~Link	Qm-2	0.	0.	0.	0.	0.	0.
658~Link	DEAD	0.	0.	0.	0.	0.	0.
658~Link	G1	0.	0.	0.	0.	0.	0.
658~Link	G2	0.	0.	0.	0.	0.	0.

Table 24: Joint Displacements

Joint	OutputCase	U1	U2	U3	R1	R2	R3
		mm	mm	mm	Radians	Radians	Radians
658~Link	Qm	0.	0.	0.	0.	0.	0.
658~Link	Qs	0.	0.	0.	0.	0.	0.
658~Link	T+	0.	0.	0.	0.	0.	0.
658~Link	T-	0.	0.	0.	0.	0.	0.
658~Link	W	0.	0.	0.	0.	0.	0.
658~Link	Qm-1	0.	0.	0.	0.	0.	0.
658~Link	Qm-2	0.	0.	0.	0.	0.	0.
659~Link	DEAD	0.	0.	0.	0.	0.	0.
659~Link	G1	0.	0.	0.	0.	0.	0.
659~Link	G2	0.	0.	0.	0.	0.	0.
659~Link	Qm	0.	0.	0.	0.	0.	0.
659~Link	Qs	0.	0.	0.	0.	0.	0.
659~Link	T+	0.	0.	0.	0.	0.	0.
659~Link	T-	0.	0.	0.	0.	0.	0.
659~Link	W	0.	0.	0.	0.	0.	0.
659~Link	Qm-1	0.	0.	0.	0.	0.	0.
659~Link	Qm-2	0.	0.	0.	0.	0.	0.
660~Link	DEAD	0.	0.	0.	0.	0.	0.
660~Link	G1	0.	0.	0.	0.	0.	0.
660~Link	G2	0.	0.	0.	0.	0.	0.
660~Link	Qm	0.	0.	0.	0.	0.	0.
660~Link	Qs	0.	0.	0.	0.	0.	0.
660~Link	T+	0.	0.	0.	0.	0.	0.
660~Link	T-	0.	0.	0.	0.	0.	0.
660~Link	W	0.	0.	0.	0.	0.	0.
660~Link	Qm-1	0.	0.	0.	0.	0.	0.
660~Link	Qm-2	0.	0.	0.	0.	0.	0.
661~Link	DEAD	0.	0.	0.	0.	0.	0.
661~Link	G1	0.	0.	0.	0.	0.	0.
661~Link	G2	0.	0.	0.	0.	0.	0.
661~Link	Qm	0.	0.	0.	0.	0.	0.
661~Link	Qs	0.	0.	0.	0.	0.	0.
661~Link	T+	0.	0.	0.	0.	0.	0.
661~Link	T-	0.	0.	0.	0.	0.	0.
661~Link	W	0.	0.	0.	0.	0.	0.
661~Link	Qm-1	0.	0.	0.	0.	0.	0.
661~Link	Qm-2	0.	0.	0.	0.	0.	0.
662~Link	DEAD	0.	0.	0.	0.	0.	0.
662~Link	G1	0.	0.	0.	0.	0.	0.
662~Link	G2	0.	0.	0.	0.	0.	0.
662~Link	Qm	0.	0.	0.	0.	0.	0.
662~Link	Qs	0.	0.	0.	0.	0.	0.
662~Link	T+	0.	0.	0.	0.	0.	0.
662~Link	T-	0.	0.	0.	0.	0.	0.
662~Link	W	0.	0.	0.	0.	0.	0.
662~Link	Qm-1	0.	0.	0.	0.	0.	0.
662~Link	Qm-2	0.	0.	0.	0.	0.	0.
663~Link	DEAD	0.	0.	0.	0.	0.	0.
663~Link	G1	0.	0.	0.	0.	0.	0.
663~Link	G2	0.	0.	0.	0.	0.	0.
663~Link	Qm	0.	0.	0.	0.	0.	0.
663~Link	Qs	0.	0.	0.	0.	0.	0.
663~Link	T+	0.	0.	0.	0.	0.	0.
663~Link	T-	0.	0.	0.	0.	0.	0.

Table 24: Joint Displacements

Joint	OutputCase	U1	U2	U3	R1	R2	R3
		mm	mm	mm	Radians	Radians	Radians
663~Link	W	0.	0.	0.	0.	0.	0.
663~Link	Qm-1	0.	0.	0.	0.	0.	0.
663~Link	Qm-2	0.	0.	0.	0.	0.	0.
664~Link	DEAD	0.	0.	0.	0.	0.	0.
664~Link	G1	0.	0.	0.	0.	0.	0.
664~Link	G2	0.	0.	0.	0.	0.	0.
664~Link	Qm	0.	0.	0.	0.	0.	0.
664~Link	Qs	0.	0.	0.	0.	0.	0.
664~Link	T+	0.	0.	0.	0.	0.	0.
664~Link	T-	0.	0.	0.	0.	0.	0.
664~Link	W	0.	0.	0.	0.	0.	0.
664~Link	Qm-1	0.	0.	0.	0.	0.	0.
664~Link	Qm-2	0.	0.	0.	0.	0.	0.
665~Link	DEAD	0.	0.	0.	0.	0.	0.
665~Link	G1	0.	0.	0.	0.	0.	0.
665~Link	G2	0.	0.	0.	0.	0.	0.
665~Link	Qm	0.	0.	0.	0.	0.	0.
665~Link	Qs	0.	0.	0.	0.	0.	0.
665~Link	T+	0.	0.	0.	0.	0.	0.
665~Link	T-	0.	0.	0.	0.	0.	0.
665~Link	W	0.	0.	0.	0.	0.	0.
665~Link	Qm-1	0.	0.	0.	0.	0.	0.
665~Link	Qm-2	0.	0.	0.	0.	0.	0.
666~Link	DEAD	0.	0.	0.	0.	0.	0.
666~Link	G1	0.	0.	0.	0.	0.	0.
666~Link	G2	0.	0.	0.	0.	0.	0.
666~Link	Qm	0.	0.	0.	0.	0.	0.
666~Link	Qs	0.	0.	0.	0.	0.	0.
666~Link	T+	0.	0.	0.	0.	0.	0.
666~Link	T-	0.	0.	0.	0.	0.	0.
666~Link	W	0.	0.	0.	0.	0.	0.
666~Link	Qm-1	0.	0.	0.	0.	0.	0.
666~Link	Qm-2	0.	0.	0.	0.	0.	0.
667~Link	DEAD	0.	0.	0.	0.	0.	0.
667~Link	G1	0.	0.	0.	0.	0.	0.
667~Link	G2	0.	0.	0.	0.	0.	0.
667~Link	Qm	0.	0.	0.	0.	0.	0.
667~Link	Qs	0.	0.	0.	0.	0.	0.
667~Link	T+	0.	0.	0.	0.	0.	0.
667~Link	T-	0.	0.	0.	0.	0.	0.
667~Link	W	0.	0.	0.	0.	0.	0.
667~Link	Qm-1	0.	0.	0.	0.	0.	0.
667~Link	Qm-2	0.	0.	0.	0.	0.	0.
668~Link	DEAD	0.	0.	0.	0.	0.	0.
668~Link	G1	0.	0.	0.	0.	0.	0.
668~Link	G2	0.	0.	0.	0.	0.	0.
668~Link	Qm	0.	0.	0.	0.	0.	0.
668~Link	Qs	0.	0.	0.	0.	0.	0.
668~Link	T+	0.	0.	0.	0.	0.	0.
668~Link	T-	0.	0.	0.	0.	0.	0.
668~Link	W	0.	0.	0.	0.	0.	0.
668~Link	Qm-1	0.	0.	0.	0.	0.	0.
668~Link	Qm-2	0.	0.	0.	0.	0.	0.
669~Link	DEAD	0.	0.	0.	0.	0.	0.

Table 24: Joint Displacements

Joint	OutputCase	U1	U2	U3	R1	R2	R3
		mm	mm	mm	Radians	Radians	Radians
669~Link	G1	0.	0.	0.	0.	0.	0.
669~Link	G2	0.	0.	0.	0.	0.	0.
669~Link	Qm	0.	0.	0.	0.	0.	0.
669~Link	Qs	0.	0.	0.	0.	0.	0.
669~Link	T+	0.	0.	0.	0.	0.	0.
669~Link	T-	0.	0.	0.	0.	0.	0.
669~Link	W	0.	0.	0.	0.	0.	0.
669~Link	Qm-1	0.	0.	0.	0.	0.	0.
669~Link	Qm-2	0.	0.	0.	0.	0.	0.
670~Link	DEAD	0.	0.	0.	0.	0.	0.
670~Link	G1	0.	0.	0.	0.	0.	0.
670~Link	G2	0.	0.	0.	0.	0.	0.
670~Link	Qm	0.	0.	0.	0.	0.	0.
670~Link	Qs	0.	0.	0.	0.	0.	0.
670~Link	T+	0.	0.	0.	0.	0.	0.
670~Link	T-	0.	0.	0.	0.	0.	0.
670~Link	W	0.	0.	0.	0.	0.	0.
670~Link	Qm-1	0.	0.	0.	0.	0.	0.
670~Link	Qm-2	0.	0.	0.	0.	0.	0.
671~Link	DEAD	0.	0.	0.	0.	0.	0.
671~Link	G1	0.	0.	0.	0.	0.	0.
671~Link	G2	0.	0.	0.	0.	0.	0.
671~Link	Qm	0.	0.	0.	0.	0.	0.
671~Link	Qs	0.	0.	0.	0.	0.	0.
671~Link	T+	0.	0.	0.	0.	0.	0.
671~Link	T-	0.	0.	0.	0.	0.	0.
671~Link	W	0.	0.	0.	0.	0.	0.
671~Link	Qm-1	0.	0.	0.	0.	0.	0.
671~Link	Qm-2	0.	0.	0.	0.	0.	0.
672~Link	DEAD	0.	0.	0.	0.	0.	0.
672~Link	G1	0.	0.	0.	0.	0.	0.
672~Link	G2	0.	0.	0.	0.	0.	0.
672~Link	Qm	0.	0.	0.	0.	0.	0.
672~Link	Qs	0.	0.	0.	0.	0.	0.
672~Link	T+	0.	0.	0.	0.	0.	0.
672~Link	T-	0.	0.	0.	0.	0.	0.
672~Link	W	0.	0.	0.	0.	0.	0.
672~Link	Qm-1	0.	0.	0.	0.	0.	0.
672~Link	Qm-2	0.	0.	0.	0.	0.	0.
673~Link	DEAD	0.	0.	0.	0.	0.	0.
673~Link	G1	0.	0.	0.	0.	0.	0.
673~Link	G2	0.	0.	0.	0.	0.	0.
673~Link	Qm	0.	0.	0.	0.	0.	0.
673~Link	Qs	0.	0.	0.	0.	0.	0.
673~Link	T+	0.	0.	0.	0.	0.	0.
673~Link	T-	0.	0.	0.	0.	0.	0.
673~Link	W	0.	0.	0.	0.	0.	0.
673~Link	Qm-1	0.	0.	0.	0.	0.	0.
673~Link	Qm-2	0.	0.	0.	0.	0.	0.
674~Link	DEAD	0.	0.	0.	0.	0.	0.
674~Link	G1	0.	0.	0.	0.	0.	0.
674~Link	G2	0.	0.	0.	0.	0.	0.
674~Link	Qm	0.	0.	0.	0.	0.	0.
674~Link	Qs	0.	0.	0.	0.	0.	0.

Table 24: Joint Displacements

Joint	OutputCase	U1	U2	U3	R1	R2	R3
		mm	mm	mm	Radians	Radians	Radians
674~Link	T+	0.	0.	0.	0.	0.	0.
674~Link	T-	0.	0.	0.	0.	0.	0.
674~Link	W	0.	0.	0.	0.	0.	0.
674~Link	Qm-1	0.	0.	0.	0.	0.	0.
674~Link	Qm-2	0.	0.	0.	0.	0.	0.
675~Link	DEAD	0.	0.	0.	0.	0.	0.
675~Link	G1	0.	0.	0.	0.	0.	0.
675~Link	G2	0.	0.	0.	0.	0.	0.
675~Link	Qm	0.	0.	0.	0.	0.	0.
675~Link	Qs	0.	0.	0.	0.	0.	0.
675~Link	T+	0.	0.	0.	0.	0.	0.
675~Link	T-	0.	0.	0.	0.	0.	0.
675~Link	W	0.	0.	0.	0.	0.	0.
675~Link	Qm-1	0.	0.	0.	0.	0.	0.
675~Link	Qm-2	0.	0.	0.	0.	0.	0.
676~Link	DEAD	0.	0.	0.	0.	0.	0.
676~Link	G1	0.	0.	0.	0.	0.	0.
676~Link	G2	0.	0.	0.	0.	0.	0.
676~Link	Qm	0.	0.	0.	0.	0.	0.
676~Link	Qs	0.	0.	0.	0.	0.	0.
676~Link	T+	0.	0.	0.	0.	0.	0.
676~Link	T-	0.	0.	0.	0.	0.	0.
676~Link	W	0.	0.	0.	0.	0.	0.
676~Link	Qm-1	0.	0.	0.	0.	0.	0.
676~Link	Qm-2	0.	0.	0.	0.	0.	0.
677~Link	DEAD	0.	0.	0.	0.	0.	0.
677~Link	G1	0.	0.	0.	0.	0.	0.
677~Link	G2	0.	0.	0.	0.	0.	0.
677~Link	Qm	0.	0.	0.	0.	0.	0.
677~Link	Qs	0.	0.	0.	0.	0.	0.
677~Link	T+	0.	0.	0.	0.	0.	0.
677~Link	T-	0.	0.	0.	0.	0.	0.
677~Link	W	0.	0.	0.	0.	0.	0.
677~Link	Qm-1	0.	0.	0.	0.	0.	0.
677~Link	Qm-2	0.	0.	0.	0.	0.	0.
678~Link	DEAD	0.	0.	0.	0.	0.	0.
678~Link	G1	0.	0.	0.	0.	0.	0.
678~Link	G2	0.	0.	0.	0.	0.	0.
678~Link	Qm	0.	0.	0.	0.	0.	0.
678~Link	Qs	0.	0.	0.	0.	0.	0.
678~Link	T+	0.	0.	0.	0.	0.	0.
678~Link	T-	0.	0.	0.	0.	0.	0.
678~Link	W	0.	0.	0.	0.	0.	0.
678~Link	Qm-1	0.	0.	0.	0.	0.	0.
678~Link	Qm-2	0.	0.	0.	0.	0.	0.
679~Link	DEAD	0.	0.	0.	0.	0.	0.
679~Link	G1	0.	0.	0.	0.	0.	0.
679~Link	G2	0.	0.	0.	0.	0.	0.
679~Link	Qm	0.	0.	0.	0.	0.	0.
679~Link	Qs	0.	0.	0.	0.	0.	0.
679~Link	T+	0.	0.	0.	0.	0.	0.
679~Link	T-	0.	0.	0.	0.	0.	0.
679~Link	W	0.	0.	0.	0.	0.	0.
679~Link	Qm-1	0.	0.	0.	0.	0.	0.

Table 24: Joint Displacements

Joint	OutputCase	U1	U2	U3	R1	R2	R3
		mm	mm	mm	Radians	Radians	Radians
679~Link	Qm-2	0.	0.	0.	0.	0.	0.
680~Link	DEAD	0.	0.	0.	0.	0.	0.
680~Link	G1	0.	0.	0.	0.	0.	0.
680~Link	G2	0.	0.	0.	0.	0.	0.
680~Link	Qm	0.	0.	0.	0.	0.	0.
680~Link	Qs	0.	0.	0.	0.	0.	0.
680~Link	T+	0.	0.	0.	0.	0.	0.
680~Link	T-	0.	0.	0.	0.	0.	0.
680~Link	W	0.	0.	0.	0.	0.	0.
680~Link	Qm-1	0.	0.	0.	0.	0.	0.
680~Link	Qm-2	0.	0.	0.	0.	0.	0.
7~Link	DEAD	0.	0.	0.	0.	0.	0.
7~Link	G1	0.	0.	0.	0.	0.	0.
7~Link	G2	0.	0.	0.	0.	0.	0.
7~Link	Qm	0.	0.	0.	0.	0.	0.
7~Link	Qs	0.	0.	0.	0.	0.	0.
7~Link	T+	0.	0.	0.	0.	0.	0.
7~Link	T-	0.	0.	0.	0.	0.	0.
7~Link	W	0.	0.	0.	0.	0.	0.
7~Link	Qm-1	0.	0.	0.	0.	0.	0.
7~Link	Qm-2	0.	0.	0.	0.	0.	0.

Table 25: Joint Reactions

Table 25: Joint Reactions

Joint	OutputCase	F1	F2	F3	M1	M2	M3
		KN	KN	KN	KN-mm	KN-mm	KN-mm
5	DEAD	0.	0.	0.	0.	0.	0.
5	G1	0.	0.	0.075	0.	0.	0.
5	G2	0.	0.	6.669E-03	0.	0.	0.
5	Qm	0.	0.	0.039	0.	0.	0.
5	Qs	0.	0.	4.800E-03	0.	0.	0.
5	T+	88.526	-88.526	0.	0.	0.	0.
5	T-	-88.526	88.526	0.	0.	0.	0.
5	W	0.	0.	-0.012	0.	0.	0.
5	Qm-1	0.	0.	0.046	0.	0.	0.
5	Qm-2	0.	0.	8.302E-03	0.	0.	0.
6	DEAD	0.	0.	0.	0.	0.	0.
6	G1	0.	0.	0.075	0.	0.	0.
6	G2	0.	0.	6.669E-03	0.	0.	0.
6	Qm	0.	0.	0.034	0.	0.	0.
6	Qs	0.	0.	4.800E-03	0.	0.	0.
6	T+	-88.526	-88.526	0.	0.	0.	0.
6	T-	88.526	88.526	0.	0.	0.	0.
6	W	0.	0.	0.036	0.	0.	0.
6	Qm-1	0.	0.	0.042	0.	0.	0.
6	Qm-2	0.	0.	8.303E-03	0.	0.	0.
7	DEAD	0.	0.	0.	0.	0.	0.
7	G1	0.	0.	0.075	0.	0.	0.
7	G2	0.	0.	0.016	0.	0.	0.
7	Qm	0.	0.	0.066	0.	0.	0.
7	Qs	0.	0.	4.800E-03	0.	0.	0.

Table 25: Joint Reactions

Joint	OutputCase	F1	F2	F3	M1	M2	M3
		KN	KN	KN	KN-mm	KN-mm	KN-mm
7	T+	-88.526	88.526	0.	0.	0.	0.
7	T-	88.526	-88.526	0.	0.	0.	0.
7	W	0.	0.	0.012	0.	0.	0.
7	Qm-1	0.	0.	0.071	0.	0.	0.
7	Qm-2	0.	0.	5.777E-03	0.	0.	0.
8	DEAD	0.	0.	0.	0.	0.	0.
8	G1	0.	0.	0.075	0.	0.	0.
8	G2	0.	0.	0.016	0.	0.	0.
8	Qm	0.	0.	0.07	0.	0.	0.
8	Qs	0.	0.	4.800E-03	0.	0.	0.
8	T+	88.526	88.526	0.	0.	0.	0.
8	T-	-88.526	-88.526	0.	0.	0.	0.
8	W	0.	0.	-0.036	0.	0.	0.
8	Qm-1	0.	0.	0.075	0.	0.	0.
8	Qm-2	0.	0.	5.778E-03	0.	0.	0.
9	DEAD	0.	0.	0.	0.	0.	0.
9	G1	0.	0.	0.15	0.	0.	0.
9	G2	0.	0.	0.013	0.	0.	0.
9	Qm	0.	0.	0.077	0.	0.	0.
9	Qs	0.	0.	9.600E-03	0.	0.	0.
9	T+	1.477E-15	-177.053	0.	0.	0.	0.
9	T-	-1.477E-15	177.053	0.	0.	0.	0.
9	W	0.	0.	-0.02	0.	0.	0.
9	Qm-1	0.	0.	0.092	0.	0.	0.
9	Qm-2	0.	0.	0.017	0.	0.	0.
10	DEAD	0.	0.	0.	0.	0.	0.
10	G1	0.	0.	0.3	0.	0.	0.
10	G2	0.	0.	0.028	0.	0.	0.
10	Qm	0.	0.	0.159	0.	0.	0.
10	Qs	0.	0.	0.019	0.	0.	0.
10	T+	8.977E-15	-4.370E-14	0.	0.	0.	0.
10	T-	-8.977E-15	4.370E-14	0.	0.	0.	0.
10	W	-2.8	0.	-0.044	0.	0.	0.
10	Qm-1	0.	0.	0.189	0.	0.	0.
10	Qm-2	0.	0.	0.033	0.	0.	0.
11	DEAD	0.	0.	0.	0.	0.	0.
11	G1	0.	0.	0.15	0.	0.	0.
11	G2	0.	0.	0.014	0.	0.	0.
11	Qm	0.	0.	0.08	0.	0.	0.
11	Qs	0.	0.	9.600E-03	0.	0.	0.
11	T+	177.053	-1.268E-14	0.	0.	0.	0.
11	T-	-177.053	1.268E-14	0.	0.	0.	0.
11	W	0.	0.	-0.026	0.	0.	0.
11	Qm-1	0.	0.	0.095	0.	0.	0.
11	Qm-2	0.	0.	0.016	0.	0.	0.
12	DEAD	0.	0.	0.	0.	0.	0.
12	G1	0.	0.	0.3	0.	0.	0.
12	G2	0.	0.	0.03	0.	0.	0.
12	Qm	0.	0.	0.164	0.	0.	0.
12	Qs	0.	0.	0.019	0.	0.	0.
12	T+	2.076E-14	-1.625E-14	0.	0.	0.	0.
12	T-	-2.076E-14	1.625E-14	0.	0.	0.	0.
12	W	0.	0.	-0.048	0.	0.	0.
12	Qm-1	0.	0.	0.193	0.	0.	0.

Table 25: Joint Reactions

Joint	OutputCase	F1	F2	F3	M1	M2	M3
		KN	KN	KN	KN-mm	KN-mm	KN-mm
12	Qm-2	0.	0.	0.032	0.	0.	0.
13	DEAD	0.	0.	0.	0.	0.	0.
13	G1	0.	0.	0.15	0.	0.	0.
13	G2	0.	0.	0.015	0.	0.	0.
13	Qm	0.	0.	0.083	0.	0.	0.
13	Qs	0.	0.	9.600E-03	0.	0.	0.
13	T+	177.053	-5.718E-16	0.	0.	0.	0.
13	T-	-177.053	5.718E-16	0.	0.	0.	0.
13	W	0.	0.	-0.028	0.	0.	0.
13	Qm-1	0.	0.	0.097	0.	0.	0.
13	Qm-2	0.	0.	0.016	0.	0.	0.
14	DEAD	0.	0.	0.	0.	0.	0.
14	G1	0.	0.	0.3	0.	0.	0.
14	G2	0.	0.	0.031	0.	0.	0.
14	Qm	0.	0.	0.169	0.	0.	0.
14	Qs	0.	0.	0.019	0.	0.	0.
14	T+	7.004E-15	1.864E-15	0.	0.	0.	0.
14	T-	-7.004E-15	-1.864E-15	0.	0.	0.	0.
14	W	0.	0.	-0.052	0.	0.	0.
14	Qm-1	0.	0.	0.198	0.	0.	0.
14	Qm-2	0.	0.	0.032	0.	0.	0.
15	DEAD	0.	0.	0.	0.	0.	0.
15	G1	0.	0.	0.15	0.	0.	0.
15	G2	0.	0.	0.016	0.	0.	0.
15	Qm	0.	0.	0.085	0.	0.	0.
15	Qs	0.	0.	9.600E-03	0.	0.	0.
15	T+	177.053	-2.706E-16	0.	0.	0.	0.
15	T-	-177.053	2.706E-16	0.	0.	0.	0.
15	W	0.	0.	-0.03	0.	0.	0.
15	Qm-1	0.	0.	0.099	0.	0.	0.
15	Qm-2	0.	0.	0.016	0.	0.	0.
16	DEAD	0.	0.	0.	0.	0.	0.
16	G1	0.	0.	0.3	0.	0.	0.
16	G2	0.	0.	0.033	0.	0.	0.
16	Qm	0.	0.	0.174	0.	0.	0.
16	Qs	0.	0.	0.019	0.	0.	0.
16	T+	2.318E-14	1.322E-14	0.	0.	0.	0.
16	T-	-2.318E-14	-1.322E-14	0.	0.	0.	0.
16	W	0.	0.	-0.056	0.	0.	0.
16	Qm-1	0.	0.	0.203	0.	0.	0.
16	Qm-2	0.	0.	0.032	0.	0.	0.
17	DEAD	0.	0.	0.	0.	0.	0.
17	G1	0.	0.	0.15	0.	0.	0.
17	G2	0.	0.	0.016	0.	0.	0.
17	Qm	0.	0.	0.088	0.	0.	0.
17	Qs	0.	0.	9.600E-03	0.	0.	0.
17	T+	177.053	-3.547E-17	0.	0.	0.	0.
17	T-	-177.053	3.547E-17	0.	0.	0.	0.
17	W	0.	0.	-0.032	0.	0.	0.
17	Qm-1	0.	0.	0.102	0.	0.	0.
17	Qm-2	0.	0.	0.016	0.	0.	0.
18	DEAD	0.	0.	0.	0.	0.	0.
18	G1	0.	0.	0.3	0.	0.	0.
18	G2	0.	0.	0.034	0.	0.	0.

Table 25: Joint Reactions

Joint	OutputCase	F1	F2	F3	M1	M2	M3
		KN	KN	KN	KN-mm	KN-mm	KN-mm
18	Qm	0.	0.	0.179	0.	0.	0.
18	Qs	0.	0.	0.019	0.	0.	0.
18	T+	-2.096E-14	-1.550E-14	0.	0.	0.	0.
18	T-	2.096E-14	1.550E-14	0.	0.	0.	0.
18	W	0.	0.	-0.059	0.	0.	0.
18	Qm-1	0.	0.	0.207	0.	0.	0.
18	Qm-2	0.	0.	0.031	0.	0.	0.
19	DEAD	0.	0.	0.	0.	0.	0.
19	G1	0.	0.	0.15	0.	0.	0.
19	G2	0.	0.	0.017	0.	0.	0.
19	Qm	0.	0.	0.09	0.	0.	0.
19	Qs	0.	0.	9.600E-03	0.	0.	0.
19	T+	177.053	3.890E-16	0.	0.	0.	0.
19	T-	-177.053	-3.890E-16	0.	0.	0.	0.
19	W	0.	0.	-0.033	0.	0.	0.
19	Qm-1	0.	0.	0.104	0.	0.	0.
19	Qm-2	0.	0.	0.016	0.	0.	0.
20	DEAD	0.	0.	0.	0.	0.	0.
20	G1	0.	0.	0.3	0.	0.	0.
20	G2	0.	0.	0.036	0.	0.	0.
20	Qm	0.	0.	0.184	0.	0.	0.
20	Qs	0.	0.	0.019	0.	0.	0.
20	T+	-3.797E-14	1.452E-14	0.	0.	0.	0.
20	T-	3.797E-14	-1.452E-14	0.	0.	0.	0.
20	W	0.	0.	-0.063	0.	0.	0.
20	Qm-1	0.	0.	0.212	0.	0.	0.
20	Qm-2	0.	0.	0.031	0.	0.	0.
21	DEAD	0.	0.	0.	0.	0.	0.
21	G1	0.	0.	0.15	0.	0.	0.
21	G2	0.	0.	0.018	0.	0.	0.
21	Qm	0.	0.	0.093	0.	0.	0.
21	Qs	0.	0.	9.600E-03	0.	0.	0.
21	T+	177.053	1.550E-15	0.	0.	0.	0.
21	T-	-177.053	-1.550E-15	0.	0.	0.	0.
21	W	0.	0.	-0.035	0.	0.	0.
21	Qm-1	0.	0.	0.106	0.	0.	0.
21	Qm-2	0.	0.	0.015	0.	0.	0.
22	DEAD	0.	0.	0.	0.	0.	0.
22	G1	0.	0.	0.3	0.	0.	0.
22	G2	0.	0.	0.037	0.	0.	0.
22	Qm	0.	0.	0.189	0.	0.	0.
22	Qs	0.	0.	0.019	0.	0.	0.
22	T+	7.098E-15	-1.132E-14	0.	0.	0.	0.
22	T-	-7.098E-15	1.132E-14	0.	0.	0.	0.
22	W	0.	0.	-0.067	0.	0.	0.
22	Qm-1	0.	0.	0.217	0.	0.	0.
22	Qm-2	0.	0.	0.03	0.	0.	0.
23	DEAD	0.	0.	0.	0.	0.	0.
23	G1	0.	0.	0.15	0.	0.	0.
23	G2	0.	0.	0.019	0.	0.	0.
23	Qm	0.	0.	0.095	0.	0.	0.
23	Qs	0.	0.	9.600E-03	0.	0.	0.
23	T+	177.053	1.167E-14	0.	0.	0.	0.
23	T-	-177.053	-1.167E-14	0.	0.	0.	0.

Table 25: Joint Reactions

Joint	OutputCase	F1	F2	F3	M1	M2	M3
		KN	KN	KN	KN-mm	KN-mm	KN-mm
23	W	0.	0.	-0.037	0.	0.	0.
23	Qm-1	0.	0.	0.109	0.	0.	0.
23	Qm-2	0.	0.	0.015	0.	0.	0.
24	DEAD	0.	0.	0.	0.	0.	0.
24	G1	0.	0.	0.3	0.	0.	0.
24	G2	0.	0.	0.039	0.	0.	0.
24	Qm	0.	0.	0.194	0.	0.	0.
24	Qs	0.	0.	0.019	0.	0.	0.
24	T+	7.902E-15	2.293E-14	0.	0.	0.	0.
24	T-	-7.902E-15	-2.293E-14	0.	0.	0.	0.
24	W	0.	0.	-0.071	0.	0.	0.
24	Qm-1	0.	0.	0.221	0.	0.	0.
24	Qm-2	0.	0.	0.03	0.	0.	0.
25	DEAD	0.	0.	0.	0.	0.	0.
25	G1	0.	0.	0.15	0.	0.	0.
25	G2	0.	0.	0.019	0.	0.	0.
25	Qm	0.	0.	0.098	0.	0.	0.
25	Qs	0.	0.	9.600E-03	0.	0.	0.
25	T+	177.053	2.718E-15	0.	0.	0.	0.
25	T-	-177.053	-2.718E-15	0.	0.	0.	0.
25	W	0.	0.	-0.039	0.	0.	0.
25	Qm-1	0.	0.	0.111	0.	0.	0.
25	Qm-2	0.	0.	0.015	0.	0.	0.
26	DEAD	0.	0.	0.	0.	0.	0.
26	G1	0.	0.	0.3	0.	0.	0.
26	G2	0.	0.	0.04	0.	0.	0.
26	Qm	0.	0.	0.199	0.	0.	0.
26	Qs	0.	0.	0.019	0.	0.	0.
26	T+	-1.620E-14	-1.145E-14	0.	0.	0.	0.
26	T-	1.620E-14	1.145E-14	0.	0.	0.	0.
26	W	-5.6	0.	-0.075	0.	0.	0.
26	Qm-1	0.	0.	0.226	0.	0.	0.
26	Qm-2	0.	0.	0.03	0.	0.	0.
27	DEAD	0.	0.	0.	0.	0.	0.
27	G1	0.	0.	0.15	0.	0.	0.
27	G2	0.	0.	0.02	0.	0.	0.
27	Qm	0.	0.	0.1	0.	0.	0.
27	Qs	0.	0.	9.600E-03	0.	0.	0.
27	T+	177.053	4.009E-16	0.	0.	0.	0.
27	T-	-177.053	-4.009E-16	0.	0.	0.	0.
27	W	0.	0.	-0.041	0.	0.	0.
27	Qm-1	0.	0.	0.113	0.	0.	0.
27	Qm-2	0.	0.	0.015	0.	0.	0.
28	DEAD	0.	0.	0.	0.	0.	0.
28	G1	0.	0.	0.3	0.	0.	0.
28	G2	0.	0.	0.042	0.	0.	0.
28	Qm	0.	0.	0.204	0.	0.	0.
28	Qs	0.	0.	0.019	0.	0.	0.
28	T+	-3.077E-15	9.940E-15	0.	0.	0.	0.
28	T-	3.077E-15	-9.940E-15	0.	0.	0.	0.
28	W	0.	0.	-0.078	0.	0.	0.
28	Qm-1	0.	0.	0.231	0.	0.	0.
28	Qm-2	0.	0.	0.029	0.	0.	0.
29	DEAD	0.	0.	0.	0.	0.	0.

Table 25: Joint Reactions

Joint	OutputCase	F1	F2	F3	M1	M2	M3
		KN	KN	KN	KN-mm	KN-mm	KN-mm
29	G1	0.	0.	0.15	0.	0.	0.
29	G2	0.	0.	0.021	0.	0.	0.
29	Qm	0.	0.	0.103	0.	0.	0.
29	Qs	0.	0.	9.600E-03	0.	0.	0.
29	T+	177.053	-1.256E-14	0.	0.	0.	0.
29	T-	-177.053	1.256E-14	0.	0.	0.	0.
29	W	0.	0.	-0.043	0.	0.	0.
29	Qm-1	0.	0.	0.116	0.	0.	0.
29	Qm-2	0.	0.	0.015	0.	0.	0.
30	DEAD	0.	0.	0.	0.	0.	0.
30	G1	0.	0.	0.3	0.	0.	0.
30	G2	0.	0.	0.043	0.	0.	0.
30	Qm	0.	0.	0.209	0.	0.	0.
30	Qs	0.	0.	0.019	0.	0.	0.
30	T+	2.316E-15	1.928E-15	0.	0.	0.	0.
30	T-	-2.316E-15	-1.928E-15	0.	0.	0.	0.
30	W	0.	0.	-0.082	0.	0.	0.
30	Qm-1	0.	0.	0.235	0.	0.	0.
30	Qm-2	0.	0.	0.029	0.	0.	0.
31	DEAD	0.	0.	0.	0.	0.	0.
31	G1	0.	0.	0.15	0.	0.	0.
31	G2	0.	0.	0.022	0.	0.	0.
31	Qm	0.	0.	0.105	0.	0.	0.
31	Qs	0.	0.	9.600E-03	0.	0.	0.
31	T+	177.053	-1.603E-15	0.	0.	0.	0.
31	T-	-177.053	1.603E-15	0.	0.	0.	0.
31	W	0.	0.	-0.045	0.	0.	0.
31	Qm-1	0.	0.	0.118	0.	0.	0.
31	Qm-2	0.	0.	0.014	0.	0.	0.
32	DEAD	0.	0.	0.	0.	0.	0.
32	G1	0.	0.	0.3	0.	0.	0.
32	G2	0.	0.	0.045	0.	0.	0.
32	Qm	0.	0.	0.214	0.	0.	0.
32	Qs	0.	0.	0.019	0.	0.	0.
32	T+	-1.294E-14	-2.618E-14	0.	0.	0.	0.
32	T-	1.294E-14	2.618E-14	0.	0.	0.	0.
32	W	0.	0.	-0.086	0.	0.	0.
32	Qm-1	0.	0.	0.24	0.	0.	0.
32	Qm-2	0.	0.	0.028	0.	0.	0.
33	DEAD	0.	0.	0.	0.	0.	0.
33	G1	0.	0.	0.15	0.	0.	0.
33	G2	0.	0.	0.022	0.	0.	0.
33	Qm	0.	0.	0.108	0.	0.	0.
33	Qs	0.	0.	9.600E-03	0.	0.	0.
33	T+	177.053	-4.558E-16	0.	0.	0.	0.
33	T-	-177.053	4.558E-16	0.	0.	0.	0.
33	W	0.	0.	-0.047	0.	0.	0.
33	Qm-1	0.	0.	0.12	0.	0.	0.
33	Qm-2	0.	0.	0.014	0.	0.	0.
34	DEAD	0.	0.	0.	0.	0.	0.
34	G1	0.	0.	0.3	0.	0.	0.
34	G2	0.	0.	0.046	0.	0.	0.
34	Qm	0.	0.	0.219	0.	0.	0.
34	Qs	0.	0.	0.019	0.	0.	0.

Table 25: Joint Reactions

Joint	OutputCase	F1	F2	F3	M1	M2	M3
		KN	KN	KN	KN-mm	KN-mm	KN-mm
34	T+	-4.654E-14	2.748E-14	0.	0.	0.	0.
34	T-	4.654E-14	-2.748E-14	0.	0.	0.	0.
34	W	0.	0.	-0.09	0.	0.	0.
34	Qm-1	0.	0.	0.245	0.	0.	0.
34	Qm-2	0.	0.	0.028	0.	0.	0.
35	DEAD	0.	0.	0.	0.	0.	0.
35	G1	0.	0.	0.15	0.	0.	0.
35	G2	0.	0.	0.023	0.	0.	0.
35	Qm	0.	0.	0.11	0.	0.	0.
35	Qs	0.	0.	9.600E-03	0.	0.	0.
35	T+	177.053	1.053E-15	0.	0.	0.	0.
35	T-	-177.053	-1.053E-15	0.	0.	0.	0.
35	W	0.	0.	-0.049	0.	0.	0.
35	Qm-1	0.	0.	0.123	0.	0.	0.
35	Qm-2	0.	0.	0.014	0.	0.	0.
36	DEAD	0.	0.	0.	0.	0.	0.
36	G1	0.	0.	0.3	0.	0.	0.
36	G2	0.	0.	0.048	0.	0.	0.
36	Qm	0.	0.	0.224	0.	0.	0.
36	Qs	0.	0.	0.019	0.	0.	0.
36	T+	2.079E-15	-2.759E-15	0.	0.	0.	0.
36	T-	-2.079E-15	2.759E-15	0.	0.	0.	0.
36	W	0.	0.	-0.094	0.	0.	0.
36	Qm-1	0.	0.	0.249	0.	0.	0.
36	Qm-2	0.	0.	0.028	0.	0.	0.
37	DEAD	0.	0.	0.	0.	0.	0.
37	G1	0.	0.	0.15	0.	0.	0.
37	G2	0.	0.	0.024	0.	0.	0.
37	Qm	0.	0.	0.113	0.	0.	0.
37	Qs	0.	0.	9.600E-03	0.	0.	0.
37	T+	177.053	6.422E-16	0.	0.	0.	0.
37	T-	-177.053	-6.422E-16	0.	0.	0.	0.
37	W	0.	0.	-0.051	0.	0.	0.
37	Qm-1	0.	0.	0.125	0.	0.	0.
37	Qm-2	0.	0.	0.014	0.	0.	0.
38	DEAD	0.	0.	0.	0.	0.	0.
38	G1	0.	0.	0.3	0.	0.	0.
38	G2	0.	0.	0.05	0.	0.	0.
38	Qm	0.	0.	0.229	0.	0.	0.
38	Qs	0.	0.	0.019	0.	0.	0.
38	T+	5.107E-15	-9.389E-15	0.	0.	0.	0.
38	T-	-5.107E-15	9.389E-15	0.	0.	0.	0.
38	W	0.	0.	-0.098	0.	0.	0.
38	Qm-1	0.	0.	0.254	0.	0.	0.
38	Qm-2	0.	0.	0.027	0.	0.	0.
39	DEAD	0.	0.	0.	0.	0.	0.
39	G1	0.	0.	0.15	0.	0.	0.
39	G2	0.	0.	0.025	0.	0.	0.
39	Qm	0.	0.	0.115	0.	0.	0.
39	Qs	0.	0.	9.600E-03	0.	0.	0.
39	T+	177.053	1.189E-14	0.	0.	0.	0.
39	T-	-177.053	-1.189E-14	0.	0.	0.	0.
39	W	0.	0.	-0.053	0.	0.	0.
39	Qm-1	0.	0.	0.127	0.	0.	0.

Table 25: Joint Reactions

Joint	OutputCase	F1	F2	F3	M1	M2	M3
		KN	KN	KN	KN-mm	KN-mm	KN-mm
39	Qm-2	0.	0.	0.014	0.	0.	0.
40	DEAD	0.	0.	0.	0.	0.	0.
40	G1	0.	0.	0.3	0.	0.	0.
40	G2	0.	0.	0.051	0.	0.	0.
40	Qm	0.	0.	0.234	0.	0.	0.
40	Qs	0.	0.	0.019	0.	0.	0.
40	T+	5.267E-15	-1.485E-14	0.	0.	0.	0.
40	T-	-5.267E-15	1.485E-14	0.	0.	0.	0.
40	W	-5.6	0.	-0.101	0.	0.	0.
40	Qm-1	0.	0.	0.259	0.	0.	0.
40	Qm-2	0.	0.	0.027	0.	0.	0.
41	DEAD	0.	0.	0.	0.	0.	0.
41	G1	0.	0.	0.15	0.	0.	0.
41	G2	0.	0.	0.026	0.	0.	0.
41	Qm	0.	0.	0.118	0.	0.	0.
41	Qs	0.	0.	9.600E-03	0.	0.	0.
41	T+	177.053	-2.905E-14	0.	0.	0.	0.
41	T-	-177.053	2.905E-14	0.	0.	0.	0.
41	W	0.	0.	-0.055	0.	0.	0.
41	Qm-1	0.	0.	0.13	0.	0.	0.
41	Qm-2	0.	0.	0.013	0.	0.	0.
42	DEAD	0.	0.	0.	0.	0.	0.
42	G1	0.	0.	0.3	0.	0.	0.
42	G2	0.	0.	0.053	0.	0.	0.
42	Qm	0.	0.	0.239	0.	0.	0.
42	Qs	0.	0.	0.019	0.	0.	0.
42	T+	-3.609E-14	-5.055E-15	0.	0.	0.	0.
42	T-	3.609E-14	5.055E-15	0.	0.	0.	0.
42	W	0.	0.	-0.105	0.	0.	0.
42	Qm-1	0.	0.	0.263	0.	0.	0.
42	Qm-2	0.	0.	0.026	0.	0.	0.
43	DEAD	0.	0.	0.	0.	0.	0.
43	G1	0.	0.	0.15	0.	0.	0.
43	G2	0.	0.	0.026	0.	0.	0.
43	Qm	0.	0.	0.12	0.	0.	0.
43	Qs	0.	0.	9.600E-03	0.	0.	0.
43	T+	177.053	1.792E-14	0.	0.	0.	0.
43	T-	-177.053	-1.792E-14	0.	0.	0.	0.
43	W	0.	0.	-0.056	0.	0.	0.
43	Qm-1	0.	0.	0.132	0.	0.	0.
43	Qm-2	0.	0.	0.013	0.	0.	0.
44	DEAD	0.	0.	0.	0.	0.	0.
44	G1	0.	0.	0.3	0.	0.	0.
44	G2	0.	0.	0.054	0.	0.	0.
44	Qm	0.	0.	0.244	0.	0.	0.
44	Qs	0.	0.	0.019	0.	0.	0.
44	T+	-4.481E-14	6.680E-15	0.	0.	0.	0.
44	T-	4.481E-14	-6.680E-15	0.	0.	0.	0.
44	W	0.	0.	-0.109	0.	0.	0.
44	Qm-1	0.	0.	0.268	0.	0.	0.
44	Qm-2	0.	0.	0.026	0.	0.	0.
45	DEAD	0.	0.	0.	0.	0.	0.
45	G1	0.	0.	0.15	0.	0.	0.
45	G2	0.	0.	0.027	0.	0.	0.

Table 25: Joint Reactions

Joint	OutputCase	F1	F2	F3	M1	M2	M3
		KN	KN	KN	KN-mm	KN-mm	KN-mm
45	Qm	0.	0.	0.123	0.	0.	0.
45	Qs	0.	0.	9.600E-03	0.	0.	0.
45	T+	177.053	-2.534E-15	0.	0.	0.	0.
45	T-	-177.053	2.534E-15	0.	0.	0.	0.
45	W	0.	0.	-0.058	0.	0.	0.
45	Qm-1	0.	0.	0.134	0.	0.	0.
45	Qm-2	0.	0.	0.013	0.	0.	0.
46	DEAD	0.	0.	0.	0.	0.	0.
46	G1	0.	0.	0.3	0.	0.	0.
46	G2	0.	0.	0.056	0.	0.	0.
46	Qm	0.	0.	0.249	0.	0.	0.
46	Qs	0.	0.	0.019	0.	0.	0.
46	T+	-2.815E-14	-3.295E-15	0.	0.	0.	0.
46	T-	2.815E-14	3.295E-15	0.	0.	0.	0.
46	W	0.	0.	-0.113	0.	0.	0.
46	Qm-1	0.	0.	0.273	0.	0.	0.
46	Qm-2	0.	0.	0.026	0.	0.	0.
47	DEAD	0.	0.	0.	0.	0.	0.
47	G1	0.	0.	0.15	0.	0.	0.
47	G2	0.	0.	0.028	0.	0.	0.
47	Qm	0.	0.	0.125	0.	0.	0.
47	Qs	0.	0.	9.600E-03	0.	0.	0.
47	T+	177.053	1.388E-15	0.	0.	0.	0.
47	T-	-177.053	-1.388E-15	0.	0.	0.	0.
47	W	0.	0.	-0.06	0.	0.	0.
47	Qm-1	0.	0.	0.137	0.	0.	0.
47	Qm-2	0.	0.	0.013	0.	0.	0.
48	DEAD	0.	0.	0.	0.	0.	0.
48	G1	0.	0.	0.3	0.	0.	0.
48	G2	0.	0.	0.057	0.	0.	0.
48	Qm	0.	0.	0.254	0.	0.	0.
48	Qs	0.	0.	0.019	0.	0.	0.
48	T+	2.765E-14	3.154E-14	0.	0.	0.	0.
48	T-	-2.765E-14	-3.154E-14	0.	0.	0.	0.
48	W	0.	0.	-0.117	0.	0.	0.
48	Qm-1	0.	0.	0.277	0.	0.	0.
48	Qm-2	0.	0.	0.025	0.	0.	0.
49	DEAD	0.	0.	0.	0.	0.	0.
49	G1	0.	0.	0.15	0.	0.	0.
49	G2	0.	0.	0.029	0.	0.	0.
49	Qm	0.	0.	0.128	0.	0.	0.
49	Qs	0.	0.	9.600E-03	0.	0.	0.
49	T+	177.053	1.234E-14	0.	0.	0.	0.
49	T-	-177.053	-1.234E-14	0.	0.	0.	0.
49	W	0.	0.	-0.062	0.	0.	0.
49	Qm-1	0.	0.	0.139	0.	0.	0.
49	Qm-2	0.	0.	0.013	0.	0.	0.
50	DEAD	0.	0.	0.	0.	0.	0.
50	G1	0.	0.	0.3	0.	0.	0.
50	G2	0.	0.	0.059	0.	0.	0.
50	Qm	0.	0.	0.259	0.	0.	0.
50	Qs	0.	0.	0.019	0.	0.	0.
50	T+	1.308E-14	-4.811E-14	0.	0.	0.	0.
50	T-	-1.308E-14	4.811E-14	0.	0.	0.	0.

Table 25: Joint Reactions

Joint	OutputCase	F1	F2	F3	M1	M2	M3
		KN	KN	KN	KN-mm	KN-mm	KN-mm
50	W	0.	0.	-0.121	0.	0.	0.
50	Qm-1	0.	0.	0.282	0.	0.	0.
50	Qm-2	0.	0.	0.025	0.	0.	0.
51	DEAD	0.	0.	0.	0.	0.	0.
51	G1	0.	0.	0.15	0.	0.	0.
51	G2	0.	0.	0.029	0.	0.	0.
51	Qm	0.	0.	0.13	0.	0.	0.
51	Qs	0.	0.	9.600E-03	0.	0.	0.
51	T+	177.053	-1.152E-14	0.	0.	0.	0.
51	T-	-177.053	1.152E-14	0.	0.	0.	0.
51	W	0.	0.	-0.064	0.	0.	0.
51	Qm-1	0.	0.	0.141	0.	0.	0.
51	Qm-2	0.	0.	0.012	0.	0.	0.
52	DEAD	0.	0.	0.	0.	0.	0.
52	G1	0.	0.	0.3	0.	0.	0.
52	G2	0.	0.	0.06	0.	0.	0.
52	Qm	0.	0.	0.264	0.	0.	0.
52	Qs	0.	0.	0.019	0.	0.	0.
52	T+	2.276E-15	1.779E-14	0.	0.	0.	0.
52	T-	-2.276E-15	-1.779E-14	0.	0.	0.	0.
52	W	0.	0.	-0.124	0.	0.	0.
52	Qm-1	0.	0.	0.287	0.	0.	0.
52	Qm-2	0.	0.	0.024	0.	0.	0.
53	DEAD	0.	0.	0.	0.	0.	0.
53	G1	0.	0.	0.15	0.	0.	0.
53	G2	0.	0.	0.03	0.	0.	0.
53	Qm	0.	0.	0.133	0.	0.	0.
53	Qs	0.	0.	9.600E-03	0.	0.	0.
53	T+	177.053	-1.587E-15	0.	0.	0.	0.
53	T-	-177.053	1.587E-15	0.	0.	0.	0.
53	W	0.	0.	-0.066	0.	0.	0.
53	Qm-1	0.	0.	0.144	0.	0.	0.
53	Qm-2	0.	0.	0.012	0.	0.	0.
54	DEAD	0.	0.	0.	0.	0.	0.
54	G1	0.	0.	0.3	0.	0.	0.
54	G2	0.	0.	0.062	0.	0.	0.
54	Qm	0.	0.	0.269	0.	0.	0.
54	Qs	0.	0.	0.019	0.	0.	0.
54	T+	3.905E-14	1.590E-14	0.	0.	0.	0.
54	T-	-3.905E-14	-1.590E-14	0.	0.	0.	0.
54	W	-2.8	0.	-0.128	0.	0.	0.
54	Qm-1	0.	0.	0.291	0.	0.	0.
54	Qm-2	0.	0.	0.024	0.	0.	0.
55	DEAD	0.	0.	0.	0.	0.	0.
55	G1	0.	0.	0.15	0.	0.	0.
55	G2	0.	0.	0.031	0.	0.	0.
55	Qm	0.	0.	0.135	0.	0.	0.
55	Qs	0.	0.	9.600E-03	0.	0.	0.
55	T+	177.053	1.328E-14	0.	0.	0.	0.
55	T-	-177.053	-1.328E-14	0.	0.	0.	0.
55	W	0.	0.	-0.068	0.	0.	0.
55	Qm-1	0.	0.	0.146	0.	0.	0.
55	Qm-2	0.	0.	0.012	0.	0.	0.
56	DEAD	0.	0.	0.	0.	0.	0.

Table 25: Joint Reactions

Joint	OutputCase	F1	F2	F3	M1	M2	M3
		KN	KN	KN	KN-mm	KN-mm	KN-mm
56	G1	0.	0.	0.3	0.	0.	0.
56	G2	0.	0.	0.063	0.	0.	0.
56	Qm	0.	0.	0.274	0.	0.	0.
56	Qs	0.	0.	0.019	0.	0.	0.
56	T+	2.994E-14	-1.578E-14	0.	0.	0.	0.
56	T-	-2.994E-14	1.578E-14	0.	0.	0.	0.
56	W	0.	-2.8	-0.132	0.	0.	0.
56	Qm-1	0.	0.	0.296	0.	0.	0.
56	Qm-2	0.	0.	0.024	0.	0.	0.
57	DEAD	0.	0.	0.	0.	0.	0.
57	G1	0.	0.	0.15	0.	0.	0.
57	G2	0.	0.	0.032	0.	0.	0.
57	Qm	0.	0.	0.138	0.	0.	0.
57	Qs	0.	0.	9.600E-03	0.	0.	0.
57	T+	177.053	-1.469E-14	0.	0.	0.	0.
57	T-	-177.053	1.469E-14	0.	0.	0.	0.
57	W	0.	0.	-0.07	0.	0.	0.
57	Qm-1	0.	0.	0.148	0.	0.	0.
57	Qm-2	0.	0.	0.012	0.	0.	0.
58	DEAD	0.	0.	0.	0.	0.	0.
58	G1	0.	0.	0.15	0.	0.	0.
58	G2	0.	0.	0.032	0.	0.	0.
58	Qm	0.	0.	0.14	0.	0.	0.
58	Qs	0.	0.	9.600E-03	0.	0.	0.
58	T+	9.612E-16	177.053	0.	0.	0.	0.
58	T-	-9.612E-16	-177.053	0.	0.	0.	0.
58	W	0.	0.	-0.068	0.	0.	0.
58	Qm-1	0.	0.	0.15	0.	0.	0.
58	Qm-2	0.	0.	0.012	0.	0.	0.
59	DEAD	0.	0.	0.	0.	0.	0.
59	G1	0.	0.	0.15	0.	0.	0.
59	G2	0.	0.	0.013	0.	0.	0.
59	Qm	0.	0.	0.077	0.	0.	0.
59	Qs	0.	0.	9.600E-03	0.	0.	0.
59	T+	6.882E-17	-177.053	0.	0.	0.	0.
59	T-	-6.882E-17	177.053	0.	0.	0.	0.
59	W	0.	0.	-0.016	0.	0.	0.
59	Qm-1	0.	0.	0.092	0.	0.	0.
59	Qm-2	0.	0.	0.017	0.	0.	0.
60	DEAD	0.	0.	0.	0.	0.	0.
60	G1	0.	0.	0.3	0.	0.	0.
60	G2	0.	0.	0.028	0.	0.	0.
60	Qm	0.	0.	0.159	0.	0.	0.
60	Qs	0.	0.	0.019	0.	0.	0.
60	T+	1.565E-15	-3.444E-16	0.	0.	0.	0.
60	T-	-1.565E-15	3.444E-16	0.	0.	0.	0.
60	W	0.	0.	-0.036	0.	0.	0.
60	Qm-1	0.	0.	0.188	0.	0.	0.
60	Qm-2	0.	0.	0.033	0.	0.	0.
61	DEAD	0.	0.	0.	0.	0.	0.
61	G1	0.	0.	0.3	0.	0.	0.
61	G2	0.	0.	0.03	0.	0.	0.
61	Qm	0.	0.	0.164	0.	0.	0.
61	Qs	0.	0.	0.019	0.	0.	0.

Table 25: Joint Reactions

Joint	OutputCase	F1	F2	F3	M1	M2	M3
		KN	KN	KN	KN-mm	KN-mm	KN-mm
61	T+	8.788E-15	4.343E-15	0.	0.	0.	0.
61	T-	-8.788E-15	-4.343E-15	0.	0.	0.	0.
61	W	0.	0.	-0.04	0.	0.	0.
61	Qm-1	0.	0.	0.193	0.	0.	0.
61	Qm-2	0.	0.	0.032	0.	0.	0.
62	DEAD	0.	0.	0.	0.	0.	0.
62	G1	0.	0.	0.3	0.	0.	0.
62	G2	0.	0.	0.031	0.	0.	0.
62	Qm	0.	0.	0.169	0.	0.	0.
62	Qs	0.	0.	0.019	0.	0.	0.
62	T+	2.304E-14	1.215E-14	0.	0.	0.	0.
62	T-	-2.304E-14	-1.215E-14	0.	0.	0.	0.
62	W	0.	0.	-0.044	0.	0.	0.
62	Qm-1	0.	0.	0.197	0.	0.	0.
62	Qm-2	0.	0.	0.032	0.	0.	0.
63	DEAD	0.	0.	0.	0.	0.	0.
63	G1	0.	0.	0.3	0.	0.	0.
63	G2	0.	0.	0.033	0.	0.	0.
63	Qm	0.	0.	0.174	0.	0.	0.
63	Qs	0.	0.	0.019	0.	0.	0.
63	T+	-2.573E-14	3.455E-15	0.	0.	0.	0.
63	T-	2.573E-14	-3.455E-15	0.	0.	0.	0.
63	W	0.	0.	-0.048	0.	0.	0.
63	Qm-1	0.	0.	0.202	0.	0.	0.
63	Qm-2	0.	0.	0.032	0.	0.	0.
64	DEAD	0.	0.	0.	0.	0.	0.
64	G1	0.	0.	0.3	0.	0.	0.
64	G2	0.	0.	0.034	0.	0.	0.
64	Qm	0.	0.	0.179	0.	0.	0.
64	Qs	0.	0.	0.019	0.	0.	0.
64	T+	9.656E-15	-5.733E-16	0.	0.	0.	0.
64	T-	-9.656E-15	5.733E-16	0.	0.	0.	0.
64	W	0.	0.	-0.052	0.	0.	0.
64	Qm-1	0.	0.	0.207	0.	0.	0.
64	Qm-2	0.	0.	0.031	0.	0.	0.
65	DEAD	0.	0.	0.	0.	0.	0.
65	G1	0.	0.	0.3	0.	0.	0.
65	G2	0.	0.	0.036	0.	0.	0.
65	Qm	0.	0.	0.184	0.	0.	0.
65	Qs	0.	0.	0.019	0.	0.	0.
65	T+	-4.604E-14	-1.481E-14	0.	0.	0.	0.
65	T-	4.604E-14	1.481E-14	0.	0.	0.	0.
65	W	0.	0.	-0.056	0.	0.	0.
65	Qm-1	0.	0.	0.211	0.	0.	0.
65	Qm-2	0.	0.	0.031	0.	0.	0.
66	DEAD	0.	0.	0.	0.	0.	0.
66	G1	0.	0.	0.3	0.	0.	0.
66	G2	0.	0.	0.037	0.	0.	0.
66	Qm	0.	0.	0.189	0.	0.	0.
66	Qs	0.	0.	0.019	0.	0.	0.
66	T+	3.088E-14	1.427E-14	0.	0.	0.	0.
66	T-	-3.088E-14	-1.427E-14	0.	0.	0.	0.
66	W	0.	0.	-0.059	0.	0.	0.
66	Qm-1	0.	0.	0.216	0.	0.	0.

Table 25: Joint Reactions

Joint	OutputCase	F1	F2	F3	M1	M2	M3
		KN	KN	KN	KN-mm	KN-mm	KN-mm
66	Qm-2	0.	0.	0.03	0.	0.	0.
67	DEAD	0.	0.	0.	0.	0.	0.
67	G1	0.	0.	0.3	0.	0.	0.
67	G2	0.	0.	0.039	0.	0.	0.
67	Qm	0.	0.	0.194	0.	0.	0.
67	Qs	0.	0.	0.019	0.	0.	0.
67	T+	-1.928E-14	1.986E-14	0.	0.	0.	0.
67	T-	1.928E-14	-1.986E-14	0.	0.	0.	0.
67	W	0.	0.	-0.063	0.	0.	0.
67	Qm-1	0.	0.	0.221	0.	0.	0.
67	Qm-2	0.	0.	0.03	0.	0.	0.
68	DEAD	0.	0.	0.	0.	0.	0.
68	G1	0.	0.	0.3	0.	0.	0.
68	G2	0.	0.	0.04	0.	0.	0.
68	Qm	0.	0.	0.199	0.	0.	0.
68	Qs	0.	0.	0.019	0.	0.	0.
68	T+	-1.209E-14	-3.727E-14	0.	0.	0.	0.
68	T-	1.209E-14	3.727E-14	0.	0.	0.	0.
68	W	0.	0.	-0.067	0.	0.	0.
68	Qm-1	0.	0.	0.225	0.	0.	0.
68	Qm-2	0.	0.	0.03	0.	0.	0.
69	DEAD	0.	0.	0.	0.	0.	0.
69	G1	0.	0.	0.3	0.	0.	0.
69	G2	0.	0.	0.042	0.	0.	0.
69	Qm	0.	0.	0.204	0.	0.	0.
69	Qs	0.	0.	0.019	0.	0.	0.
69	T+	2.277E-16	3.322E-14	0.	0.	0.	0.
69	T-	-2.277E-16	-3.322E-14	0.	0.	0.	0.
69	W	0.	0.	-0.071	0.	0.	0.
69	Qm-1	0.	0.	0.23	0.	0.	0.
69	Qm-2	0.	0.	0.029	0.	0.	0.
70	DEAD	0.	0.	0.	0.	0.	0.
70	G1	0.	0.	0.3	0.	0.	0.
70	G2	0.	0.	0.043	0.	0.	0.
70	Qm	0.	0.	0.209	0.	0.	0.
70	Qs	0.	0.	0.019	0.	0.	0.
70	T+	1.628E-14	-2.861E-14	0.	0.	0.	0.
70	T-	-1.628E-14	2.861E-14	0.	0.	0.	0.
70	W	0.	0.	-0.075	0.	0.	0.
70	Qm-1	0.	0.	0.235	0.	0.	0.
70	Qm-2	0.	0.	0.029	0.	0.	0.
71	DEAD	0.	0.	0.	0.	0.	0.
71	G1	0.	0.	0.3	0.	0.	0.
71	G2	0.	0.	0.045	0.	0.	0.
71	Qm	0.	0.	0.214	0.	0.	0.
71	Qs	0.	0.	0.019	0.	0.	0.
71	T+	-2.986E-14	1.191E-14	0.	0.	0.	0.
71	T-	2.986E-14	-1.191E-14	0.	0.	0.	0.
71	W	0.	0.	-0.078	0.	0.	0.
71	Qm-1	0.	0.	0.239	0.	0.	0.
71	Qm-2	0.	0.	0.028	0.	0.	0.
72	DEAD	0.	0.	0.	0.	0.	0.
72	G1	0.	0.	0.3	0.	0.	0.
72	G2	0.	0.	0.046	0.	0.	0.

Table 25: Joint Reactions

Joint	OutputCase	F1	F2	F3	M1	M2	M3
		KN	KN	KN	KN-mm	KN-mm	KN-mm
72	Qm	0.	0.	0.219	0.	0.	0.
72	Qs	0.	0.	0.019	0.	0.	0.
72	T+	-2.842E-14	-1.315E-14	0.	0.	0.	0.
72	T-	2.842E-14	1.315E-14	0.	0.	0.	0.
72	W	0.	0.	-0.082	0.	0.	0.
72	Qm-1	0.	0.	0.244	0.	0.	0.
72	Qm-2	0.	0.	0.028	0.	0.	0.
73	DEAD	0.	0.	0.	0.	0.	0.
73	G1	0.	0.	0.3	0.	0.	0.
73	G2	0.	0.	0.048	0.	0.	0.
73	Qm	0.	0.	0.224	0.	0.	0.
73	Qs	0.	0.	0.019	0.	0.	0.
73	T+	-2.814E-14	3.058E-14	0.	0.	0.	0.
73	T-	2.814E-14	-3.058E-14	0.	0.	0.	0.
73	W	0.	0.	-0.086	0.	0.	0.
73	Qm-1	0.	0.	0.249	0.	0.	0.
73	Qm-2	0.	0.	0.028	0.	0.	0.
74	DEAD	0.	0.	0.	0.	0.	0.
74	G1	0.	0.	0.3	0.	0.	0.
74	G2	0.	0.	0.05	0.	0.	0.
74	Qm	0.	0.	0.229	0.	0.	0.
74	Qs	0.	0.	0.019	0.	0.	0.
74	T+	-4.270E-15	-3.165E-14	0.	0.	0.	0.
74	T-	4.270E-15	3.165E-14	0.	0.	0.	0.
74	W	0.	0.	-0.09	0.	0.	0.
74	Qm-1	0.	0.	0.253	0.	0.	0.
74	Qm-2	0.	0.	0.027	0.	0.	0.
75	DEAD	0.	0.	0.	0.	0.	0.
75	G1	0.	0.	0.3	0.	0.	0.
75	G2	0.	0.	0.051	0.	0.	0.
75	Qm	0.	0.	0.234	0.	0.	0.
75	Qs	0.	0.	0.019	0.	0.	0.
75	T+	5.087E-15	-2.806E-14	0.	0.	0.	0.
75	T-	-5.087E-15	2.806E-14	0.	0.	0.	0.
75	W	0.	0.	-0.094	0.	0.	0.
75	Qm-1	0.	0.	0.258	0.	0.	0.
75	Qm-2	0.	0.	0.027	0.	0.	0.
76	DEAD	0.	0.	0.	0.	0.	0.
76	G1	0.	0.	0.3	0.	0.	0.
76	G2	0.	0.	0.053	0.	0.	0.
76	Qm	0.	0.	0.239	0.	0.	0.
76	Qs	0.	0.	0.019	0.	0.	0.
76	T+	1.314E-14	2.890E-14	0.	0.	0.	0.
76	T-	-1.314E-14	-2.890E-14	0.	0.	0.	0.
76	W	0.	0.	-0.098	0.	0.	0.
76	Qm-1	0.	0.	0.263	0.	0.	0.
76	Qm-2	0.	0.	0.026	0.	0.	0.
77	DEAD	0.	0.	0.	0.	0.	0.
77	G1	0.	0.	0.3	0.	0.	0.
77	G2	0.	0.	0.054	0.	0.	0.
77	Qm	0.	0.	0.244	0.	0.	0.
77	Qs	0.	0.	0.019	0.	0.	0.
77	T+	2.998E-14	-3.150E-14	0.	0.	0.	0.
77	T-	-2.998E-14	3.150E-14	0.	0.	0.	0.

Table 25: Joint Reactions

Joint	OutputCase	F1	F2	F3	M1	M2	M3
		KN	KN	KN	KN-mm	KN-mm	KN-mm
77	W	0.	0.	-0.101	0.	0.	0.
77	Qm-1	0.	0.	0.267	0.	0.	0.
77	Qm-2	0.	0.	0.026	0.	0.	0.
78	DEAD	0.	0.	0.	0.	0.	0.
78	G1	0.	0.	0.3	0.	0.	0.
78	G2	0.	0.	0.056	0.	0.	0.
78	Qm	0.	0.	0.249	0.	0.	0.
78	Qs	0.	0.	0.019	0.	0.	0.
78	T+	-1.736E-14	-1.329E-14	0.	0.	0.	0.
78	T-	1.736E-14	1.329E-14	0.	0.	0.	0.
78	W	0.	0.	-0.105	0.	0.	0.
78	Qm-1	0.	0.	0.272	0.	0.	0.
78	Qm-2	0.	0.	0.026	0.	0.	0.
79	DEAD	0.	0.	0.	0.	0.	0.
79	G1	0.	0.	0.3	0.	0.	0.
79	G2	0.	0.	0.057	0.	0.	0.
79	Qm	0.	0.	0.254	0.	0.	0.
79	Qs	0.	0.	0.019	0.	0.	0.
79	T+	-1.428E-14	1.289E-14	0.	0.	0.	0.
79	T-	1.428E-14	-1.289E-14	0.	0.	0.	0.
79	W	0.	0.	-0.109	0.	0.	0.
79	Qm-1	0.	0.	0.277	0.	0.	0.
79	Qm-2	0.	0.	0.025	0.	0.	0.
80	DEAD	0.	0.	0.	0.	0.	0.
80	G1	0.	0.	0.3	0.	0.	0.
80	G2	0.	0.	0.059	0.	0.	0.
80	Qm	0.	0.	0.259	0.	0.	0.
80	Qs	0.	0.	0.019	0.	0.	0.
80	T+	1.854E-15	-1.251E-14	0.	0.	0.	0.
80	T-	-1.854E-15	1.251E-14	0.	0.	0.	0.
80	W	0.	0.	-0.113	0.	0.	0.
80	Qm-1	0.	0.	0.281	0.	0.	0.
80	Qm-2	0.	0.	0.025	0.	0.	0.
81	DEAD	0.	0.	0.	0.	0.	0.
81	G1	0.	0.	0.3	0.	0.	0.
81	G2	0.	0.	0.06	0.	0.	0.
81	Qm	0.	0.	0.264	0.	0.	0.
81	Qs	0.	0.	0.019	0.	0.	0.
81	T+	1.280E-15	1.308E-14	0.	0.	0.	0.
81	T-	-1.280E-15	-1.308E-14	0.	0.	0.	0.
81	W	0.	0.	-0.117	0.	0.	0.
81	Qm-1	0.	0.	0.286	0.	0.	0.
81	Qm-2	0.	0.	0.024	0.	0.	0.
82	DEAD	0.	0.	0.	0.	0.	0.
82	G1	0.	0.	0.3	0.	0.	0.
82	G2	0.	0.	0.062	0.	0.	0.
82	Qm	0.	0.	0.269	0.	0.	0.
82	Qs	0.	0.	0.019	0.	0.	0.
82	T+	-2.892E-14	4.180E-14	0.	0.	0.	0.
82	T-	2.892E-14	-4.180E-14	0.	0.	0.	0.
82	W	0.	0.	-0.121	0.	0.	0.
82	Qm-1	0.	0.	0.291	0.	0.	0.
82	Qm-2	0.	0.	0.024	0.	0.	0.
83	DEAD	0.	0.	0.	0.	0.	0.

Table 25: Joint Reactions

Joint	OutputCase	F1	F2	F3	M1	M2	M3
		KN	KN	KN	KN-mm	KN-mm	KN-mm
83	G1	0.	0.	0.3	0.	0.	0.
83	G2	0.	0.	0.063	0.	0.	0.
83	Qm	0.	0.	0.274	0.	0.	0.
83	Qs	0.	0.	0.019	0.	0.	0.
83	T+	-3.008E-14	-2.622E-14	0.	0.	0.	0.
83	T-	3.008E-14	2.622E-14	0.	0.	0.	0.
83	W	0.	0.	-0.124	0.	0.	0.
83	Qm-1	0.	0.	0.295	0.	0.	0.
83	Qm-2	0.	0.	0.024	0.	0.	0.
84	DEAD	0.	0.	0.	0.	0.	0.
84	G1	0.	0.	0.15	0.	0.	0.
84	G2	0.	0.	0.032	0.	0.	0.
84	Qm	0.	0.	0.139	0.	0.	0.
84	Qs	0.	0.	9.600E-03	0.	0.	0.
84	T+	5.038E-16	177.053	0.	0.	0.	0.
84	T-	-5.038E-16	-177.053	0.	0.	0.	0.
84	W	0.	0.	-0.064	0.	0.	0.
84	Qm-1	0.	0.	0.15	0.	0.	0.
84	Qm-2	0.	0.	0.012	0.	0.	0.
85	DEAD	0.	0.	0.	0.	0.	0.
85	G1	0.	0.	0.15	0.	0.	0.
85	G2	0.	0.	0.013	0.	0.	0.
85	Qm	0.	0.	0.076	0.	0.	0.
85	Qs	0.	0.	9.600E-03	0.	0.	0.
85	T+	1.554E-14	-177.053	0.	0.	0.	0.
85	T-	-1.554E-14	177.053	0.	0.	0.	0.
85	W	0.	0.	-0.012	0.	0.	0.
85	Qm-1	0.	0.	0.091	0.	0.	0.
85	Qm-2	0.	0.	0.017	0.	0.	0.
86	DEAD	0.	0.	0.	0.	0.	0.
86	G1	0.	0.	0.3	0.	0.	0.
86	G2	0.	0.	0.028	0.	0.	0.
86	Qm	0.	0.	0.158	0.	0.	0.
86	Qs	0.	0.	0.019	0.	0.	0.
86	T+	-1.151E-15	-3.146E-16	0.	0.	0.	0.
86	T-	1.151E-15	3.146E-16	0.	0.	0.	0.
86	W	0.	0.	-0.029	0.	0.	0.
86	Qm-1	0.	0.	0.187	0.	0.	0.
86	Qm-2	0.	0.	0.033	0.	0.	0.
87	DEAD	0.	0.	0.	0.	0.	0.
87	G1	0.	0.	0.3	0.	0.	0.
87	G2	0.	0.	0.03	0.	0.	0.
87	Qm	0.	0.	0.163	0.	0.	0.
87	Qs	0.	0.	0.019	0.	0.	0.
87	T+	4.834E-15	-1.432E-14	0.	0.	0.	0.
87	T-	-4.834E-15	1.432E-14	0.	0.	0.	0.
87	W	0.	0.	-0.033	0.	0.	0.
87	Qm-1	0.	0.	0.192	0.	0.	0.
87	Qm-2	0.	0.	0.032	0.	0.	0.
88	DEAD	0.	0.	0.	0.	0.	0.
88	G1	0.	0.	0.3	0.	0.	0.
88	G2	0.	0.	0.031	0.	0.	0.
88	Qm	0.	0.	0.168	0.	0.	0.
88	Qs	0.	0.	0.019	0.	0.	0.

Table 25: Joint Reactions

Joint	OutputCase	F1	F2	F3	M1	M2	M3
		KN	KN	KN	KN-mm	KN-mm	KN-mm
88	T+	6.097E-15	5.717E-14	0.	0.	0.	0.
88	T-	-6.097E-15	-5.717E-14	0.	0.	0.	0.
88	W	0.	0.	-0.036	0.	0.	0.
88	Qm-1	0.	0.	0.197	0.	0.	0.
88	Qm-2	0.	0.	0.032	0.	0.	0.
89	DEAD	0.	0.	0.	0.	0.	0.
89	G1	0.	0.	0.3	0.	0.	0.
89	G2	0.	0.	0.033	0.	0.	0.
89	Qm	0.	0.	0.173	0.	0.	0.
89	Qs	0.	0.	0.019	0.	0.	0.
89	T+	3.892E-14	-1.708E-14	0.	0.	0.	0.
89	T-	-3.892E-14	1.708E-14	0.	0.	0.	0.
89	W	0.	0.	-0.04	0.	0.	0.
89	Qm-1	0.	0.	0.201	0.	0.	0.
89	Qm-2	0.	0.	0.032	0.	0.	0.
90	DEAD	0.	0.	0.	0.	0.	0.
90	G1	0.	0.	0.3	0.	0.	0.
90	G2	0.	0.	0.034	0.	0.	0.
90	Qm	0.	0.	0.178	0.	0.	0.
90	Qs	0.	0.	0.019	0.	0.	0.
90	T+	-1.081E-14	-2.670E-14	0.	0.	0.	0.
90	T-	1.081E-14	2.670E-14	0.	0.	0.	0.
90	W	0.	0.	-0.044	0.	0.	0.
90	Qm-1	0.	0.	0.206	0.	0.	0.
90	Qm-2	0.	0.	0.031	0.	0.	0.
91	DEAD	0.	0.	0.	0.	0.	0.
91	G1	0.	0.	0.3	0.	0.	0.
91	G2	0.	0.	0.036	0.	0.	0.
91	Qm	0.	0.	0.183	0.	0.	0.
91	Qs	0.	0.	0.019	0.	0.	0.
91	T+	5.292E-15	1.262E-14	0.	0.	0.	0.
91	T-	-5.292E-15	-1.262E-14	0.	0.	0.	0.
91	W	0.	0.	-0.048	0.	0.	0.
91	Qm-1	0.	0.	0.211	0.	0.	0.
91	Qm-2	0.	0.	0.031	0.	0.	0.
92	DEAD	0.	0.	0.	0.	0.	0.
92	G1	0.	0.	0.3	0.	0.	0.
92	G2	0.	0.	0.037	0.	0.	0.
92	Qm	0.	0.	0.188	0.	0.	0.
92	Qs	0.	0.	0.019	0.	0.	0.
92	T+	-1.506E-14	2.765E-14	0.	0.	0.	0.
92	T-	1.506E-14	-2.765E-14	0.	0.	0.	0.
92	W	0.	0.	-0.052	0.	0.	0.
92	Qm-1	0.	0.	0.215	0.	0.	0.
92	Qm-2	0.	0.	0.03	0.	0.	0.
93	DEAD	0.	0.	0.	0.	0.	0.
93	G1	0.	0.	0.3	0.	0.	0.
93	G2	0.	0.	0.039	0.	0.	0.
93	Qm	0.	0.	0.193	0.	0.	0.
93	Qs	0.	0.	0.019	0.	0.	0.
93	T+	2.743E-14	2.481E-14	0.	0.	0.	0.
93	T-	-2.743E-14	-2.481E-14	0.	0.	0.	0.
93	W	0.	0.	-0.055	0.	0.	0.
93	Qm-1	0.	0.	0.22	0.	0.	0.

Table 25: Joint Reactions

Joint	OutputCase	F1	F2	F3	M1	M2	M3
		KN	KN	KN	KN-mm	KN-mm	KN-mm
93	Qm-2	0.	0.	0.03	0.	0.	0.
94	DEAD	0.	0.	0.	0.	0.	0.
94	G1	0.	0.	0.3	0.	0.	0.
94	G2	0.	0.	0.04	0.	0.	0.
94	Qm	0.	0.	0.198	0.	0.	0.
94	Qs	0.	0.	0.019	0.	0.	0.
94	T+	-2.819E-15	6.208E-15	0.	0.	0.	0.
94	T-	2.819E-15	-6.208E-15	0.	0.	0.	0.
94	W	0.	0.	-0.059	0.	0.	0.
94	Qm-1	0.	0.	0.225	0.	0.	0.
94	Qm-2	0.	0.	0.03	0.	0.	0.
95	DEAD	0.	0.	0.	0.	0.	0.
95	G1	0.	0.	0.3	0.	0.	0.
95	G2	0.	0.	0.042	0.	0.	0.
95	Qm	0.	0.	0.203	0.	0.	0.
95	Qs	0.	0.	0.019	0.	0.	0.
95	T+	5.614E-15	-3.151E-14	0.	0.	0.	0.
95	T-	-5.614E-15	3.151E-14	0.	0.	0.	0.
95	W	0.	0.	-0.063	0.	0.	0.
95	Qm-1	0.	0.	0.229	0.	0.	0.
95	Qm-2	0.	0.	0.029	0.	0.	0.
96	DEAD	0.	0.	0.	0.	0.	0.
96	G1	0.	0.	0.3	0.	0.	0.
96	G2	0.	0.	0.043	0.	0.	0.
96	Qm	0.	0.	0.208	0.	0.	0.
96	Qs	0.	0.	0.019	0.	0.	0.
96	T+	-1.899E-14	1.899E-15	0.	0.	0.	0.
96	T-	1.899E-14	-1.899E-15	0.	0.	0.	0.
96	W	0.	0.	-0.067	0.	0.	0.
96	Qm-1	0.	0.	0.234	0.	0.	0.
96	Qm-2	0.	0.	0.029	0.	0.	0.
97	DEAD	0.	0.	0.	0.	0.	0.
97	G1	0.	0.	0.3	0.	0.	0.
97	G2	0.	0.	0.045	0.	0.	0.
97	Qm	0.	0.	0.213	0.	0.	0.
97	Qs	0.	0.	0.019	0.	0.	0.
97	T+	3.090E-14	-1.419E-14	0.	0.	0.	0.
97	T-	-3.090E-14	1.419E-14	0.	0.	0.	0.
97	W	0.	0.	-0.071	0.	0.	0.
97	Qm-1	0.	0.	0.239	0.	0.	0.
97	Qm-2	0.	0.	0.028	0.	0.	0.
98	DEAD	0.	0.	0.	0.	0.	0.
98	G1	0.	0.	0.3	0.	0.	0.
98	G2	0.	0.	0.046	0.	0.	0.
98	Qm	0.	0.	0.218	0.	0.	0.
98	Qs	0.	0.	0.019	0.	0.	0.
98	T+	-1.370E-14	1.289E-14	0.	0.	0.	0.
98	T-	1.370E-14	-1.289E-14	0.	0.	0.	0.
98	W	0.	0.	-0.075	0.	0.	0.
98	Qm-1	0.	0.	0.243	0.	0.	0.
98	Qm-2	0.	0.	0.028	0.	0.	0.
99	DEAD	0.	0.	0.	0.	0.	0.
99	G1	0.	0.	0.3	0.	0.	0.
99	G2	0.	0.	0.048	0.	0.	0.

Table 25: Joint Reactions

Joint	OutputCase	F1	F2	F3	M1	M2	M3
		KN	KN	KN	KN-mm	KN-mm	KN-mm
99	Qm	0.	0.	0.223	0.	0.	0.
99	Qs	0.	0.	0.019	0.	0.	0.
99	T+	4.049E-14	-2.900E-14	0.	0.	0.	0.
99	T-	-4.049E-14	2.900E-14	0.	0.	0.	0.
99	W	0.	0.	-0.078	0.	0.	0.
99	Qm-1	0.	0.	0.248	0.	0.	0.
99	Qm-2	0.	0.	0.028	0.	0.	0.
100	DEAD	0.	0.	0.	0.	0.	0.
100	G1	0.	0.	0.3	0.	0.	0.
100	G2	0.	0.	0.05	0.	0.	0.
100	Qm	0.	0.	0.228	0.	0.	0.
100	Qs	0.	0.	0.019	0.	0.	0.
100	T+	3.176E-14	7.269E-14	0.	0.	0.	0.
100	T-	-3.176E-14	-7.269E-14	0.	0.	0.	0.
100	W	0.	0.	-0.082	0.	0.	0.
100	Qm-1	0.	0.	0.253	0.	0.	0.
100	Qm-2	0.	0.	0.027	0.	0.	0.
101	DEAD	0.	0.	0.	0.	0.	0.
101	G1	0.	0.	0.3	0.	0.	0.
101	G2	0.	0.	0.051	0.	0.	0.
101	Qm	0.	0.	0.233	0.	0.	0.
101	Qs	0.	0.	0.019	0.	0.	0.
101	T+	-1.952E-14	-2.902E-14	0.	0.	0.	0.
101	T-	1.952E-14	2.902E-14	0.	0.	0.	0.
101	W	0.	0.	-0.086	0.	0.	0.
101	Qm-1	0.	0.	0.257	0.	0.	0.
101	Qm-2	0.	0.	0.027	0.	0.	0.
102	DEAD	0.	0.	0.	0.	0.	0.
102	G1	0.	0.	0.3	0.	0.	0.
102	G2	0.	0.	0.053	0.	0.	0.
102	Qm	0.	0.	0.238	0.	0.	0.
102	Qs	0.	0.	0.019	0.	0.	0.
102	T+	-2.528E-14	1.415E-14	0.	0.	0.	0.
102	T-	2.528E-14	-1.415E-14	0.	0.	0.	0.
102	W	0.	0.	-0.09	0.	0.	0.
102	Qm-1	0.	0.	0.262	0.	0.	0.
102	Qm-2	0.	0.	0.026	0.	0.	0.
103	DEAD	0.	0.	0.	0.	0.	0.
103	G1	0.	0.	0.3	0.	0.	0.
103	G2	0.	0.	0.054	0.	0.	0.
103	Qm	0.	0.	0.243	0.	0.	0.
103	Qs	0.	0.	0.019	0.	0.	0.
103	T+	1.254E-14	-1.551E-14	0.	0.	0.	0.
103	T-	-1.254E-14	1.551E-14	0.	0.	0.	0.
103	W	0.	0.	-0.094	0.	0.	0.
103	Qm-1	0.	0.	0.267	0.	0.	0.
103	Qm-2	0.	0.	0.026	0.	0.	0.
104	DEAD	0.	0.	0.	0.	0.	0.
104	G1	0.	0.	0.3	0.	0.	0.
104	G2	0.	0.	0.056	0.	0.	0.
104	Qm	0.	0.	0.248	0.	0.	0.
104	Qs	0.	0.	0.019	0.	0.	0.
104	T+	3.039E-14	1.811E-15	0.	0.	0.	0.
104	T-	-3.039E-14	-1.811E-15	0.	0.	0.	0.

Table 25: Joint Reactions

Joint	OutputCase	F1	F2	F3	M1	M2	M3
		KN	KN	KN	KN-mm	KN-mm	KN-mm
104	W	0.	0.	-0.098	0.	0.	0.
104	Qm-1	0.	0.	0.271	0.	0.	0.
104	Qm-2	0.	0.	0.026	0.	0.	0.
105	DEAD	0.	0.	0.	0.	0.	0.
105	G1	0.	0.	0.3	0.	0.	0.
105	G2	0.	0.	0.057	0.	0.	0.
105	Qm	0.	0.	0.253	0.	0.	0.
105	Qs	0.	0.	0.019	0.	0.	0.
105	T+	1.418E-14	2.688E-14	0.	0.	0.	0.
105	T-	-1.418E-14	-2.688E-14	0.	0.	0.	0.
105	W	0.	0.	-0.101	0.	0.	0.
105	Qm-1	0.	0.	0.276	0.	0.	0.
105	Qm-2	0.	0.	0.025	0.	0.	0.
106	DEAD	0.	0.	0.	0.	0.	0.
106	G1	0.	0.	0.3	0.	0.	0.
106	G2	0.	0.	0.059	0.	0.	0.
106	Qm	0.	0.	0.258	0.	0.	0.
106	Qs	0.	0.	0.019	0.	0.	0.
106	T+	2.749E-14	-2.544E-14	0.	0.	0.	0.
106	T-	-2.749E-14	2.544E-14	0.	0.	0.	0.
106	W	0.	0.	-0.105	0.	0.	0.
106	Qm-1	0.	0.	0.281	0.	0.	0.
106	Qm-2	0.	0.	0.025	0.	0.	0.
107	DEAD	0.	0.	0.	0.	0.	0.
107	G1	0.	0.	0.3	0.	0.	0.
107	G2	0.	0.	0.06	0.	0.	0.
107	Qm	0.	0.	0.263	0.	0.	0.
107	Qs	0.	0.	0.019	0.	0.	0.
107	T+	1.397E-14	-3.111E-15	0.	0.	0.	0.
107	T-	-1.397E-14	3.111E-15	0.	0.	0.	0.
107	W	0.	0.	-0.109	0.	0.	0.
107	Qm-1	0.	0.	0.285	0.	0.	0.
107	Qm-2	0.	0.	0.024	0.	0.	0.
108	DEAD	0.	0.	0.	0.	0.	0.
108	G1	0.	0.	0.3	0.	0.	0.
108	G2	0.	0.	0.062	0.	0.	0.
108	Qm	0.	0.	0.268	0.	0.	0.
108	Qs	0.	0.	0.019	0.	0.	0.
108	T+	1.388E-14	2.892E-14	0.	0.	0.	0.
108	T-	-1.388E-14	-2.892E-14	0.	0.	0.	0.
108	W	0.	0.	-0.113	0.	0.	0.
108	Qm-1	0.	0.	0.29	0.	0.	0.
108	Qm-2	0.	0.	0.024	0.	0.	0.
109	DEAD	0.	0.	0.	0.	0.	0.
109	G1	0.	0.	0.3	0.	0.	0.
109	G2	0.	0.	0.063	0.	0.	0.
109	Qm	0.	0.	0.273	0.	0.	0.
109	Qs	0.	0.	0.019	0.	0.	0.
109	T+	4.951E-15	-3.166E-14	0.	0.	0.	0.
109	T-	-4.951E-15	3.166E-14	0.	0.	0.	0.
109	W	0.	0.	-0.117	0.	0.	0.
109	Qm-1	0.	0.	0.295	0.	0.	0.
109	Qm-2	0.	0.	0.024	0.	0.	0.
110	DEAD	0.	0.	0.	0.	0.	0.

Table 25: Joint Reactions

Joint	OutputCase	F1	F2	F3	M1	M2	M3
		KN	KN	KN	KN-mm	KN-mm	KN-mm
110	G1	0.	0.	0.15	0.	0.	0.
110	G2	0.	0.	0.032	0.	0.	0.
110	Qm	0.	0.	0.139	0.	0.	0.
110	Qs	0.	0.	9.600E-03	0.	0.	0.
110	T+	-3.781E-15	177.053	0.	0.	0.	0.
110	T-	3.781E-15	-177.053	0.	0.	0.	0.
110	W	0.	0.	-0.06	0.	0.	0.
110	Qm-1	0.	0.	0.15	0.	0.	0.
110	Qm-2	0.	0.	0.012	0.	0.	0.
111	DEAD	0.	0.	0.	0.	0.	0.
111	G1	0.	0.	0.15	0.	0.	0.
111	G2	0.	0.	0.013	0.	0.	0.
111	Qm	0.	0.	0.076	0.	0.	0.
111	Qs	0.	0.	9.600E-03	0.	0.	0.
111	T+	-1.182E-15	-177.053	0.	0.	0.	0.
111	T-	1.182E-15	177.053	0.	0.	0.	0.
111	W	0.	0.	-8.620E-03	0.	0.	0.
111	Qm-1	0.	0.	0.091	0.	0.	0.
111	Qm-2	0.	0.	0.017	0.	0.	0.
112	DEAD	0.	0.	0.	0.	0.	0.
112	G1	0.	0.	0.3	0.	0.	0.
112	G2	0.	0.	0.028	0.	0.	0.
112	Qm	0.	0.	0.157	0.	0.	0.
112	Qs	0.	0.	0.019	0.	0.	0.
112	T+	7.351E-14	-3.797E-14	0.	0.	0.	0.
112	T-	-7.351E-14	3.797E-14	0.	0.	0.	0.
112	W	0.	0.	-0.021	0.	0.	0.
112	Qm-1	0.	0.	0.186	0.	0.	0.
112	Qm-2	0.	0.	0.033	0.	0.	0.
113	DEAD	0.	0.	0.	0.	0.	0.
113	G1	0.	0.	0.3	0.	0.	0.
113	G2	0.	0.	0.03	0.	0.	0.
113	Qm	0.	0.	0.162	0.	0.	0.
113	Qs	0.	0.	0.019	0.	0.	0.
113	T+	3.782E-14	-4.673E-15	0.	0.	0.	0.
113	T-	-3.782E-14	4.673E-15	0.	0.	0.	0.
113	W	0.	0.	-0.025	0.	0.	0.
113	Qm-1	0.	0.	0.191	0.	0.	0.
113	Qm-2	0.	0.	0.032	0.	0.	0.
114	DEAD	0.	0.	0.	0.	0.	0.
114	G1	0.	0.	0.3	0.	0.	0.
114	G2	0.	0.	0.031	0.	0.	0.
114	Qm	0.	0.	0.167	0.	0.	0.
114	Qs	0.	0.	0.019	0.	0.	0.
114	T+	6.021E-15	1.974E-15	0.	0.	0.	0.
114	T-	-6.021E-15	-1.974E-15	0.	0.	0.	0.
114	W	0.	0.	-0.029	0.	0.	0.
114	Qm-1	0.	0.	0.196	0.	0.	0.
114	Qm-2	0.	0.	0.032	0.	0.	0.
115	DEAD	0.	0.	0.	0.	0.	0.
115	G1	0.	0.	0.3	0.	0.	0.
115	G2	0.	0.	0.033	0.	0.	0.
115	Qm	0.	0.	0.172	0.	0.	0.
115	Qs	0.	0.	0.019	0.	0.	0.

Table 25: Joint Reactions

Joint	OutputCase	F1	F2	F3	M1	M2	M3
		KN	KN	KN	KN-mm	KN-mm	KN-mm
115	T+	-1.008E-14	-2.007E-14	0.	0.	0.	0.
115	T-	1.008E-14	2.007E-14	0.	0.	0.	0.
115	W	0.	0.	-0.033	0.	0.	0.
115	Qm-1	0.	0.	0.2	0.	0.	0.
115	Qm-2	0.	0.	0.032	0.	0.	0.
116	DEAD	0.	0.	0.	0.	0.	0.
116	G1	0.	0.	0.3	0.	0.	0.
116	G2	0.	0.	0.034	0.	0.	0.
116	Qm	0.	0.	0.177	0.	0.	0.
116	Qs	0.	0.	0.019	0.	0.	0.
116	T+	3.938E-14	-1.129E-14	0.	0.	0.	0.
116	T-	-3.938E-14	1.129E-14	0.	0.	0.	0.
116	W	0.	0.	-0.036	0.	0.	0.
116	Qm-1	0.	0.	0.205	0.	0.	0.
116	Qm-2	0.	0.	0.031	0.	0.	0.
117	DEAD	0.	0.	0.	0.	0.	0.
117	G1	0.	0.	0.3	0.	0.	0.
117	G2	0.	0.	0.036	0.	0.	0.
117	Qm	0.	0.	0.182	0.	0.	0.
117	Qs	0.	0.	0.019	0.	0.	0.
117	T+	8.294E-15	-2.883E-14	0.	0.	0.	0.
117	T-	-8.294E-15	2.883E-14	0.	0.	0.	0.
117	W	0.	0.	-0.04	0.	0.	0.
117	Qm-1	0.	0.	0.21	0.	0.	0.
117	Qm-2	0.	0.	0.031	0.	0.	0.
118	DEAD	0.	0.	0.	0.	0.	0.
118	G1	0.	0.	0.3	0.	0.	0.
118	G2	0.	0.	0.037	0.	0.	0.
118	Qm	0.	0.	0.187	0.	0.	0.
118	Qs	0.	0.	0.019	0.	0.	0.
118	T+	1.472E-14	2.791E-14	0.	0.	0.	0.
118	T-	-1.472E-14	-2.791E-14	0.	0.	0.	0.
118	W	0.	0.	-0.044	0.	0.	0.
118	Qm-1	0.	0.	0.214	0.	0.	0.
118	Qm-2	0.	0.	0.03	0.	0.	0.
119	DEAD	0.	0.	0.	0.	0.	0.
119	G1	0.	0.	0.3	0.	0.	0.
119	G2	0.	0.	0.039	0.	0.	0.
119	Qm	0.	0.	0.192	0.	0.	0.
119	Qs	0.	0.	0.019	0.	0.	0.
119	T+	1.818E-15	-1.157E-14	0.	0.	0.	0.
119	T-	-1.818E-15	1.157E-14	0.	0.	0.	0.
119	W	0.	0.	-0.048	0.	0.	0.
119	Qm-1	0.	0.	0.219	0.	0.	0.
119	Qm-2	0.	0.	0.03	0.	0.	0.
120	DEAD	0.	0.	0.	0.	0.	0.
120	G1	0.	0.	0.3	0.	0.	0.
120	G2	0.	0.	0.04	0.	0.	0.
120	Qm	0.	0.	0.197	0.	0.	0.
120	Qs	0.	0.	0.019	0.	0.	0.
120	T+	2.618E-15	-4.492E-16	0.	0.	0.	0.
120	T-	-2.618E-15	4.492E-16	0.	0.	0.	0.
120	W	0.	0.	-0.052	0.	0.	0.
120	Qm-1	0.	0.	0.224	0.	0.	0.

Table 25: Joint Reactions

Joint	OutputCase	F1	F2	F3	M1	M2	M3
		KN	KN	KN	KN-mm	KN-mm	KN-mm
120	Qm-2	0.	0.	0.03	0.	0.	0.
121	DEAD	0.	0.	0.	0.	0.	0.
121	G1	0.	0.	0.3	0.	0.	0.
121	G2	0.	0.	0.042	0.	0.	0.
121	Qm	0.	0.	0.202	0.	0.	0.
121	Qs	0.	0.	0.019	0.	0.	0.
121	T+	1.013E-14	4.181E-15	0.	0.	0.	0.
121	T-	-1.013E-14	-4.181E-15	0.	0.	0.	0.
121	W	0.	0.	-0.055	0.	0.	0.
121	Qm-1	0.	0.	0.228	0.	0.	0.
121	Qm-2	0.	0.	0.029	0.	0.	0.
122	DEAD	0.	0.	0.	0.	0.	0.
122	G1	0.	0.	0.3	0.	0.	0.
122	G2	0.	0.	0.043	0.	0.	0.
122	Qm	0.	0.	0.207	0.	0.	0.
122	Qs	0.	0.	0.019	0.	0.	0.
122	T+	1.940E-14	-1.934E-14	0.	0.	0.	0.
122	T-	-1.940E-14	1.934E-14	0.	0.	0.	0.
122	W	0.	0.	-0.059	0.	0.	0.
122	Qm-1	0.	0.	0.233	0.	0.	0.
122	Qm-2	0.	0.	0.029	0.	0.	0.
123	DEAD	0.	0.	0.	0.	0.	0.
123	G1	0.	0.	0.3	0.	0.	0.
123	G2	0.	0.	0.045	0.	0.	0.
123	Qm	0.	0.	0.212	0.	0.	0.
123	Qs	0.	0.	0.019	0.	0.	0.
123	T+	-4.630E-15	1.878E-14	0.	0.	0.	0.
123	T-	4.630E-15	-1.878E-14	0.	0.	0.	0.
123	W	0.	0.	-0.063	0.	0.	0.
123	Qm-1	0.	0.	0.238	0.	0.	0.
123	Qm-2	0.	0.	0.028	0.	0.	0.
124	DEAD	0.	0.	0.	0.	0.	0.
124	G1	0.	0.	0.3	0.	0.	0.
124	G2	0.	0.	0.046	0.	0.	0.
124	Qm	0.	0.	0.217	0.	0.	0.
124	Qs	0.	0.	0.019	0.	0.	0.
124	T+	2.782E-14	1.272E-14	0.	0.	0.	0.
124	T-	-2.782E-14	-1.272E-14	0.	0.	0.	0.
124	W	0.	0.	-0.067	0.	0.	0.
124	Qm-1	0.	0.	0.242	0.	0.	0.
124	Qm-2	0.	0.	0.028	0.	0.	0.
125	DEAD	0.	0.	0.	0.	0.	0.
125	G1	0.	0.	0.3	0.	0.	0.
125	G2	0.	0.	0.048	0.	0.	0.
125	Qm	0.	0.	0.222	0.	0.	0.
125	Qs	0.	0.	0.019	0.	0.	0.
125	T+	-1.100E-14	-4.299E-14	0.	0.	0.	0.
125	T-	1.100E-14	4.299E-14	0.	0.	0.	0.
125	W	0.	0.	-0.071	0.	0.	0.
125	Qm-1	0.	0.	0.247	0.	0.	0.
125	Qm-2	0.	0.	0.028	0.	0.	0.
126	DEAD	0.	0.	0.	0.	0.	0.
126	G1	0.	0.	0.3	0.	0.	0.
126	G2	0.	0.	0.05	0.	0.	0.

Table 25: Joint Reactions

Joint	OutputCase	F1	F2	F3	M1	M2	M3
		KN	KN	KN	KN-mm	KN-mm	KN-mm
126	Qm	0.	0.	0.227	0.	0.	0.
126	Qs	0.	0.	0.019	0.	0.	0.
126	T+	-1.853E-14	4.251E-14	0.	0.	0.	0.
126	T-	1.853E-14	-4.251E-14	0.	0.	0.	0.
126	W	0.	0.	-0.075	0.	0.	0.
126	Qm-1	0.	0.	0.252	0.	0.	0.
126	Qm-2	0.	0.	0.027	0.	0.	0.
127	DEAD	0.	0.	0.	0.	0.	0.
127	G1	0.	0.	0.3	0.	0.	0.
127	G2	0.	0.	0.051	0.	0.	0.
127	Qm	0.	0.	0.232	0.	0.	0.
127	Qs	0.	0.	0.019	0.	0.	0.
127	T+	3.462E-15	5.823E-16	0.	0.	0.	0.
127	T-	-3.462E-15	-5.823E-16	0.	0.	0.	0.
127	W	0.	0.	-0.078	0.	0.	0.
127	Qm-1	0.	0.	0.256	0.	0.	0.
127	Qm-2	0.	0.	0.027	0.	0.	0.
128	DEAD	0.	0.	0.	0.	0.	0.
128	G1	0.	0.	0.3	0.	0.	0.
128	G2	0.	0.	0.053	0.	0.	0.
128	Qm	0.	0.	0.237	0.	0.	0.
128	Qs	0.	0.	0.019	0.	0.	0.
128	T+	-1.833E-15	1.549E-14	0.	0.	0.	0.
128	T-	1.833E-15	-1.549E-14	0.	0.	0.	0.
128	W	0.	0.	-0.082	0.	0.	0.
128	Qm-1	0.	0.	0.261	0.	0.	0.
128	Qm-2	0.	0.	0.026	0.	0.	0.
129	DEAD	0.	0.	0.	0.	0.	0.
129	G1	0.	0.	0.3	0.	0.	0.
129	G2	0.	0.	0.054	0.	0.	0.
129	Qm	0.	0.	0.242	0.	0.	0.
129	Qs	0.	0.	0.019	0.	0.	0.
129	T+	3.439E-15	-1.520E-14	0.	0.	0.	0.
129	T-	-3.439E-15	1.520E-14	0.	0.	0.	0.
129	W	0.	0.	-0.086	0.	0.	0.
129	Qm-1	0.	0.	0.266	0.	0.	0.
129	Qm-2	0.	0.	0.026	0.	0.	0.
130	DEAD	0.	0.	0.	0.	0.	0.
130	G1	0.	0.	0.3	0.	0.	0.
130	G2	0.	0.	0.056	0.	0.	0.
130	Qm	0.	0.	0.247	0.	0.	0.
130	Qs	0.	0.	0.019	0.	0.	0.
130	T+	-3.383E-15	6.305E-16	0.	0.	0.	0.
130	T-	3.383E-15	-6.305E-16	0.	0.	0.	0.
130	W	0.	0.	-0.09	0.	0.	0.
130	Qm-1	0.	0.	0.27	0.	0.	0.
130	Qm-2	0.	0.	0.026	0.	0.	0.
131	DEAD	0.	0.	0.	0.	0.	0.
131	G1	0.	0.	0.3	0.	0.	0.
131	G2	0.	0.	0.057	0.	0.	0.
131	Qm	0.	0.	0.252	0.	0.	0.
131	Qs	0.	0.	0.019	0.	0.	0.
131	T+	1.530E-14	1.530E-14	0.	0.	0.	0.
131	T-	-1.530E-14	-1.530E-14	0.	0.	0.	0.

Table 25: Joint Reactions

Joint	OutputCase	F1	F2	F3	M1	M2	M3
		KN	KN	KN	KN-mm	KN-mm	KN-mm
131	W	0.	0.	-0.094	0.	0.	0.
131	Qm-1	0.	0.	0.275	0.	0.	0.
131	Qm-2	0.	0.	0.025	0.	0.	0.
132	DEAD	0.	0.	0.	0.	0.	0.
132	G1	0.	0.	0.3	0.	0.	0.
132	G2	0.	0.	0.059	0.	0.	0.
132	Qm	0.	0.	0.257	0.	0.	0.
132	Qs	0.	0.	0.019	0.	0.	0.
132	T+	1.453E-14	-1.717E-14	0.	0.	0.	0.
132	T-	-1.453E-14	1.717E-14	0.	0.	0.	0.
132	W	0.	0.	-0.098	0.	0.	0.
132	Qm-1	0.	0.	0.28	0.	0.	0.
132	Qm-2	0.	0.	0.025	0.	0.	0.
133	DEAD	0.	0.	0.	0.	0.	0.
133	G1	0.	0.	0.3	0.	0.	0.
133	G2	0.	0.	0.06	0.	0.	0.
133	Qm	0.	0.	0.262	0.	0.	0.
133	Qs	0.	0.	0.019	0.	0.	0.
133	T+	2.721E-14	-1.179E-14	0.	0.	0.	0.
133	T-	-2.721E-14	1.179E-14	0.	0.	0.	0.
133	W	0.	0.	-0.101	0.	0.	0.
133	Qm-1	0.	0.	0.285	0.	0.	0.
133	Qm-2	0.	0.	0.024	0.	0.	0.
134	DEAD	0.	0.	0.	0.	0.	0.
134	G1	0.	0.	0.3	0.	0.	0.
134	G2	0.	0.	0.062	0.	0.	0.
134	Qm	0.	0.	0.267	0.	0.	0.
134	Qs	0.	0.	0.019	0.	0.	0.
134	T+	-1.478E-14	5.387E-14	0.	0.	0.	0.
134	T-	1.478E-14	-5.387E-14	0.	0.	0.	0.
134	W	0.	0.	-0.105	0.	0.	0.
134	Qm-1	0.	0.	0.289	0.	0.	0.
134	Qm-2	0.	0.	0.024	0.	0.	0.
135	DEAD	0.	0.	0.	0.	0.	0.
135	G1	0.	0.	0.3	0.	0.	0.
135	G2	0.	0.	0.063	0.	0.	0.
135	Qm	0.	0.	0.272	0.	0.	0.
135	Qs	0.	0.	0.019	0.	0.	0.
135	T+	2.906E-14	1.718E-14	0.	0.	0.	0.
135	T-	-2.906E-14	-1.718E-14	0.	0.	0.	0.
135	W	0.	0.	-0.109	0.	0.	0.
135	Qm-1	0.	0.	0.294	0.	0.	0.
135	Qm-2	0.	0.	0.024	0.	0.	0.
136	DEAD	0.	0.	0.	0.	0.	0.
136	G1	0.	0.	0.15	0.	0.	0.
136	G2	0.	0.	0.032	0.	0.	0.
136	Qm	0.	0.	0.139	0.	0.	0.
136	Qs	0.	0.	9.600E-03	0.	0.	0.
136	T+	8.913E-16	177.053	0.	0.	0.	0.
136	T-	-8.913E-16	-177.053	0.	0.	0.	0.
136	W	0.	0.	-0.056	0.	0.	0.
136	Qm-1	0.	0.	0.149	0.	0.	0.
136	Qm-2	0.	0.	0.012	0.	0.	0.
137	DEAD	0.	0.	0.	0.	0.	0.

Table 25: Joint Reactions

Joint	OutputCase	F1	F2	F3	M1	M2	M3
		KN	KN	KN	KN-mm	KN-mm	KN-mm
137	G1	0.	0.	0.15	0.	0.	0.
137	G2	0.	0.	0.013	0.	0.	0.
137	Qm	0.	0.	0.076	0.	0.	0.
137	Qs	0.	0.	9.600E-03	0.	0.	0.
137	T+	1.883E-15	-177.053	0.	0.	0.	0.
137	T-	-1.883E-15	177.053	0.	0.	0.	0.
137	W	0.	0.	-4.791E-03	0.	0.	0.
137	Qm-1	0.	0.	0.091	0.	0.	0.
137	Qm-2	0.	0.	0.017	0.	0.	0.
138	DEAD	0.	0.	0.	0.	0.	0.
138	G1	0.	0.	0.3	0.	0.	0.
138	G2	0.	0.	0.028	0.	0.	0.
138	Qm	0.	0.	0.157	0.	0.	0.
138	Qs	0.	0.	0.019	0.	0.	0.
138	T+	-1.713E-15	-7.839E-15	0.	0.	0.	0.
138	T-	1.713E-15	7.839E-15	0.	0.	0.	0.
138	W	0.	0.	-0.013	0.	0.	0.
138	Qm-1	0.	0.	0.186	0.	0.	0.
138	Qm-2	0.	0.	0.033	0.	0.	0.
139	DEAD	0.	0.	0.	0.	0.	0.
139	G1	0.	0.	0.3	0.	0.	0.
139	G2	0.	0.	0.03	0.	0.	0.
139	Qm	0.	0.	0.162	0.	0.	0.
139	Qs	0.	0.	0.019	0.	0.	0.
139	T+	-5.469E-14	2.049E-14	0.	0.	0.	0.
139	T-	5.469E-14	-2.049E-14	0.	0.	0.	0.
139	W	0.	0.	-0.017	0.	0.	0.
139	Qm-1	0.	0.	0.19	0.	0.	0.
139	Qm-2	0.	0.	0.032	0.	0.	0.
140	DEAD	0.	0.	0.	0.	0.	0.
140	G1	0.	0.	0.3	0.	0.	0.
140	G2	0.	0.	0.031	0.	0.	0.
140	Qm	0.	0.	0.167	0.	0.	0.
140	Qs	0.	0.	0.019	0.	0.	0.
140	T+	-5.185E-14	5.179E-15	0.	0.	0.	0.
140	T-	5.185E-14	-5.179E-15	0.	0.	0.	0.
140	W	0.	0.	-0.021	0.	0.	0.
140	Qm-1	0.	0.	0.195	0.	0.	0.
140	Qm-2	0.	0.	0.032	0.	0.	0.
141	DEAD	0.	0.	0.	0.	0.	0.
141	G1	0.	0.	0.3	0.	0.	0.
141	G2	0.	0.	0.033	0.	0.	0.
141	Qm	0.	0.	0.172	0.	0.	0.
141	Qs	0.	0.	0.019	0.	0.	0.
141	T+	3.987E-14	-2.910E-16	0.	0.	0.	0.
141	T-	-3.987E-14	2.910E-16	0.	0.	0.	0.
141	W	0.	0.	-0.025	0.	0.	0.
141	Qm-1	0.	0.	0.2	0.	0.	0.
141	Qm-2	0.	0.	0.032	0.	0.	0.
142	DEAD	0.	0.	0.	0.	0.	0.
142	G1	0.	0.	0.3	0.	0.	0.
142	G2	0.	0.	0.034	0.	0.	0.
142	Qm	0.	0.	0.177	0.	0.	0.
142	Qs	0.	0.	0.019	0.	0.	0.

Table 25: Joint Reactions

Joint	OutputCase	F1	F2	F3	M1	M2	M3
		KN	KN	KN	KN-mm	KN-mm	KN-mm
142	T+	-3.388E-14	-3.455E-14	0.	0.	0.	0.
142	T-	3.388E-14	3.455E-14	0.	0.	0.	0.
142	W	0.	0.	-0.029	0.	0.	0.
142	Qm-1	0.	0.	0.204	0.	0.	0.
142	Qm-2	0.	0.	0.031	0.	0.	0.
143	DEAD	0.	0.	0.	0.	0.	0.
143	G1	0.	0.	0.3	0.	0.	0.
143	G2	0.	0.	0.036	0.	0.	0.
143	Qm	0.	0.	0.182	0.	0.	0.
143	Qs	0.	0.	0.019	0.	0.	0.
143	T+	-2.661E-14	1.757E-15	0.	0.	0.	0.
143	T-	2.661E-14	-1.757E-15	0.	0.	0.	0.
143	W	0.	0.	-0.033	0.	0.	0.
143	Qm-1	0.	0.	0.209	0.	0.	0.
143	Qm-2	0.	0.	0.031	0.	0.	0.
144	DEAD	0.	0.	0.	0.	0.	0.
144	G1	0.	0.	0.3	0.	0.	0.
144	G2	0.	0.	0.037	0.	0.	0.
144	Qm	0.	0.	0.187	0.	0.	0.
144	Qs	0.	0.	0.019	0.	0.	0.
144	T+	-1.202E-14	-1.369E-14	0.	0.	0.	0.
144	T-	1.202E-14	1.369E-14	0.	0.	0.	0.
144	W	0.	0.	-0.036	0.	0.	0.
144	Qm-1	0.	0.	0.214	0.	0.	0.
144	Qm-2	0.	0.	0.03	0.	0.	0.
145	DEAD	0.	0.	0.	0.	0.	0.
145	G1	0.	0.	0.3	0.	0.	0.
145	G2	0.	0.	0.039	0.	0.	0.
145	Qm	0.	0.	0.192	0.	0.	0.
145	Qs	0.	0.	0.019	0.	0.	0.
145	T+	2.752E-14	1.403E-14	0.	0.	0.	0.
145	T-	-2.752E-14	-1.403E-14	0.	0.	0.	0.
145	W	0.	0.	-0.04	0.	0.	0.
145	Qm-1	0.	0.	0.218	0.	0.	0.
145	Qm-2	0.	0.	0.03	0.	0.	0.
146	DEAD	0.	0.	0.	0.	0.	0.
146	G1	0.	0.	0.3	0.	0.	0.
146	G2	0.	0.	0.04	0.	0.	0.
146	Qm	0.	0.	0.197	0.	0.	0.
146	Qs	0.	0.	0.019	0.	0.	0.
146	T+	-1.269E-15	-2.723E-14	0.	0.	0.	0.
146	T-	1.269E-15	2.723E-14	0.	0.	0.	0.
146	W	0.	0.	-0.044	0.	0.	0.
146	Qm-1	0.	0.	0.223	0.	0.	0.
146	Qm-2	0.	0.	0.03	0.	0.	0.
147	DEAD	0.	0.	0.	0.	0.	0.
147	G1	0.	0.	0.3	0.	0.	0.
147	G2	0.	0.	0.042	0.	0.	0.
147	Qm	0.	0.	0.202	0.	0.	0.
147	Qs	0.	0.	0.019	0.	0.	0.
147	T+	-2.752E-14	9.535E-15	0.	0.	0.	0.
147	T-	2.752E-14	-9.535E-15	0.	0.	0.	0.
147	W	0.	0.	-0.048	0.	0.	0.
147	Qm-1	0.	0.	0.228	0.	0.	0.

Table 25: Joint Reactions

Joint	OutputCase	F1	F2	F3	M1	M2	M3
		KN	KN	KN	KN-mm	KN-mm	KN-mm
147	Qm-2	0.	0.	0.029	0.	0.	0.
148	DEAD	0.	0.	0.	0.	0.	0.
148	G1	0.	0.	0.3	0.	0.	0.
148	G2	0.	0.	0.043	0.	0.	0.
148	Qm	0.	0.	0.207	0.	0.	0.
148	Qs	0.	0.	0.019	0.	0.	0.
148	T+	-1.854E-14	4.899E-15	0.	0.	0.	0.
148	T-	1.854E-14	-4.899E-15	0.	0.	0.	0.
148	W	0.	0.	-0.052	0.	0.	0.
148	Qm-1	0.	0.	0.232	0.	0.	0.
148	Qm-2	0.	0.	0.029	0.	0.	0.
149	DEAD	0.	0.	0.	0.	0.	0.
149	G1	0.	0.	0.3	0.	0.	0.
149	G2	0.	0.	0.045	0.	0.	0.
149	Qm	0.	0.	0.212	0.	0.	0.
149	Qs	0.	0.	0.019	0.	0.	0.
149	T+	-3.650E-14	-4.114E-15	0.	0.	0.	0.
149	T-	3.650E-14	4.114E-15	0.	0.	0.	0.
149	W	0.	0.	-0.055	0.	0.	0.
149	Qm-1	0.	0.	0.237	0.	0.	0.
149	Qm-2	0.	0.	0.028	0.	0.	0.
150	DEAD	0.	0.	0.	0.	0.	0.
150	G1	0.	0.	0.3	0.	0.	0.
150	G2	0.	0.	0.046	0.	0.	0.
150	Qm	0.	0.	0.217	0.	0.	0.
150	Qs	0.	0.	0.019	0.	0.	0.
150	T+	9.728E-15	4.788E-14	0.	0.	0.	0.
150	T-	-9.728E-15	-4.788E-14	0.	0.	0.	0.
150	W	0.	0.	-0.059	0.	0.	0.
150	Qm-1	0.	0.	0.242	0.	0.	0.
150	Qm-2	0.	0.	0.028	0.	0.	0.
151	DEAD	0.	0.	0.	0.	0.	0.
151	G1	0.	0.	0.3	0.	0.	0.
151	G2	0.	0.	0.048	0.	0.	0.
151	Qm	0.	0.	0.222	0.	0.	0.
151	Qs	0.	0.	0.019	0.	0.	0.
151	T+	1.349E-14	-1.811E-14	0.	0.	0.	0.
151	T-	-1.349E-14	1.811E-14	0.	0.	0.	0.
151	W	0.	0.	-0.063	0.	0.	0.
151	Qm-1	0.	0.	0.246	0.	0.	0.
151	Qm-2	0.	0.	0.028	0.	0.	0.
152	DEAD	0.	0.	0.	0.	0.	0.
152	G1	0.	0.	0.3	0.	0.	0.
152	G2	0.	0.	0.05	0.	0.	0.
152	Qm	0.	0.	0.227	0.	0.	0.
152	Qs	0.	0.	0.019	0.	0.	0.
152	T+	4.692E-14	1.680E-15	0.	0.	0.	0.
152	T-	-4.692E-14	-1.680E-15	0.	0.	0.	0.
152	W	0.	0.	-0.067	0.	0.	0.
152	Qm-1	0.	0.	0.251	0.	0.	0.
152	Qm-2	0.	0.	0.027	0.	0.	0.
153	DEAD	0.	0.	0.	0.	0.	0.
153	G1	0.	0.	0.3	0.	0.	0.
153	G2	0.	0.	0.051	0.	0.	0.

Table 25: Joint Reactions

Joint	OutputCase	F1	F2	F3	M1	M2	M3
		KN	KN	KN	KN-mm	KN-mm	KN-mm
153	Qm	0.	0.	0.232	0.	0.	0.
153	Qs	0.	0.	0.019	0.	0.	0.
153	T+	-1.816E-14	-3.618E-16	0.	0.	0.	0.
153	T-	1.816E-14	3.618E-16	0.	0.	0.	0.
153	W	0.	0.	-0.071	0.	0.	0.
153	Qm-1	0.	0.	0.256	0.	0.	0.
153	Qm-2	0.	0.	0.027	0.	0.	0.
154	DEAD	0.	0.	0.	0.	0.	0.
154	G1	0.	0.	0.3	0.	0.	0.
154	G2	0.	0.	0.053	0.	0.	0.
154	Qm	0.	0.	0.237	0.	0.	0.
154	Qs	0.	0.	0.019	0.	0.	0.
154	T+	1.577E-14	-5.694E-16	0.	0.	0.	0.
154	T-	-1.577E-14	5.694E-16	0.	0.	0.	0.
154	W	0.	0.	-0.075	0.	0.	0.
154	Qm-1	0.	0.	0.26	0.	0.	0.
154	Qm-2	0.	0.	0.026	0.	0.	0.
155	DEAD	0.	0.	0.	0.	0.	0.
155	G1	0.	0.	0.3	0.	0.	0.
155	G2	0.	0.	0.054	0.	0.	0.
155	Qm	0.	0.	0.242	0.	0.	0.
155	Qs	0.	0.	0.019	0.	0.	0.
155	T+	1.189E-14	1.444E-14	0.	0.	0.	0.
155	T-	-1.189E-14	-1.444E-14	0.	0.	0.	0.
155	W	0.	0.	-0.078	0.	0.	0.
155	Qm-1	0.	0.	0.265	0.	0.	0.
155	Qm-2	0.	0.	0.026	0.	0.	0.
156	DEAD	0.	0.	0.	0.	0.	0.
156	G1	0.	0.	0.3	0.	0.	0.
156	G2	0.	0.	0.056	0.	0.	0.
156	Qm	0.	0.	0.247	0.	0.	0.
156	Qs	0.	0.	0.019	0.	0.	0.
156	T+	1.832E-14	-2.959E-14	0.	0.	0.	0.
156	T-	-1.832E-14	2.959E-14	0.	0.	0.	0.
156	W	0.	0.	-0.082	0.	0.	0.
156	Qm-1	0.	0.	0.27	0.	0.	0.
156	Qm-2	0.	0.	0.026	0.	0.	0.
157	DEAD	0.	0.	0.	0.	0.	0.
157	G1	0.	0.	0.3	0.	0.	0.
157	G2	0.	0.	0.057	0.	0.	0.
157	Qm	0.	0.	0.252	0.	0.	0.
157	Qs	0.	0.	0.019	0.	0.	0.
157	T+	-3.638E-15	3.013E-14	0.	0.	0.	0.
157	T-	3.638E-15	-3.013E-14	0.	0.	0.	0.
157	W	0.	0.	-0.086	0.	0.	0.
157	Qm-1	0.	0.	0.274	0.	0.	0.
157	Qm-2	0.	0.	0.025	0.	0.	0.
158	DEAD	0.	0.	0.	0.	0.	0.
158	G1	0.	0.	0.3	0.	0.	0.
158	G2	0.	0.	0.059	0.	0.	0.
158	Qm	0.	0.	0.257	0.	0.	0.
158	Qs	0.	0.	0.019	0.	0.	0.
158	T+	-2.800E-14	-7.279E-16	0.	0.	0.	0.
158	T-	2.800E-14	7.279E-16	0.	0.	0.	0.

Table 25: Joint Reactions

Joint	OutputCase	F1	F2	F3	M1	M2	M3
		KN	KN	KN	KN-mm	KN-mm	KN-mm
158	W	0.	0.	-0.09	0.	0.	0.
158	Qm-1	0.	0.	0.279	0.	0.	0.
158	Qm-2	0.	0.	0.025	0.	0.	0.
159	DEAD	0.	0.	0.	0.	0.	0.
159	G1	0.	0.	0.3	0.	0.	0.
159	G2	0.	0.	0.06	0.	0.	0.
159	Qm	0.	0.	0.262	0.	0.	0.
159	Qs	0.	0.	0.019	0.	0.	0.
159	T+	-2.875E-14	1.959E-15	0.	0.	0.	0.
159	T-	2.875E-14	-1.959E-15	0.	0.	0.	0.
159	W	0.	0.	-0.094	0.	0.	0.
159	Qm-1	0.	0.	0.284	0.	0.	0.
159	Qm-2	0.	0.	0.024	0.	0.	0.
160	DEAD	0.	0.	0.	0.	0.	0.
160	G1	0.	0.	0.3	0.	0.	0.
160	G2	0.	0.	0.062	0.	0.	0.
160	Qm	0.	0.	0.267	0.	0.	0.
160	Qs	0.	0.	0.019	0.	0.	0.
160	T+	2.869E-14	1.280E-14	0.	0.	0.	0.
160	T-	-2.869E-14	-1.280E-14	0.	0.	0.	0.
160	W	0.	0.	-0.098	0.	0.	0.
160	Qm-1	0.	0.	0.288	0.	0.	0.
160	Qm-2	0.	0.	0.024	0.	0.	0.
161	DEAD	0.	0.	0.	0.	0.	0.
161	G1	0.	0.	0.3	0.	0.	0.
161	G2	0.	0.	0.063	0.	0.	0.
161	Qm	0.	0.	0.272	0.	0.	0.
161	Qs	0.	0.	0.019	0.	0.	0.
161	T+	2.871E-14	-1.259E-14	0.	0.	0.	0.
161	T-	-2.871E-14	1.259E-14	0.	0.	0.	0.
161	W	0.	0.	-0.101	0.	0.	0.
161	Qm-1	0.	0.	0.293	0.	0.	0.
161	Qm-2	0.	0.	0.024	0.	0.	0.
162	DEAD	0.	0.	0.	0.	0.	0.
162	G1	0.	0.	0.15	0.	0.	0.
162	G2	0.	0.	0.032	0.	0.	0.
162	Qm	0.	0.	0.138	0.	0.	0.
162	Qs	0.	0.	9.600E-03	0.	0.	0.
162	T+	8.596E-16	177.053	0.	0.	0.	0.
162	T-	-8.596E-16	-177.053	0.	0.	0.	0.
162	W	0.	0.	-0.053	0.	0.	0.
162	Qm-1	0.	0.	0.149	0.	0.	0.
162	Qm-2	0.	0.	0.012	0.	0.	0.
163	DEAD	0.	0.	0.	0.	0.	0.
163	G1	0.	0.	0.15	0.	0.	0.
163	G2	0.	0.	0.013	0.	0.	0.
163	Qm	0.	0.	0.075	0.	0.	0.
163	Qs	0.	0.	9.600E-03	0.	0.	0.
163	T+	-8.905E-16	-177.053	0.	0.	0.	0.
163	T-	8.905E-16	177.053	0.	0.	0.	0.
163	W	0.	0.	-9.634E-04	0.	0.	0.
163	Qm-1	0.	0.	0.09	0.	0.	0.
163	Qm-2	0.	0.	0.017	0.	0.	0.
164	DEAD	0.	0.	0.	0.	0.	0.

Table 25: Joint Reactions

Joint	OutputCase	F1	F2	F3	M1	M2	M3
		KN	KN	KN	KN-mm	KN-mm	KN-mm
164	G1	0.	0.	0.3	0.	0.	0.
164	G2	0.	0.	0.028	0.	0.	0.
164	Qm	0.	0.	0.156	0.	0.	0.
164	Qs	0.	0.	0.019	0.	0.	0.
164	T+	1.483E-14	2.024E-14	0.	0.	0.	0.
164	T-	-1.483E-14	-2.024E-14	0.	0.	0.	0.
164	W	0.	0.	-5.752E-03	0.	0.	0.
164	Qm-1	0.	0.	0.185	0.	0.	0.
164	Qm-2	0.	0.	0.033	0.	0.	0.
165	DEAD	0.	0.	0.	0.	0.	0.
165	G1	0.	0.	0.3	0.	0.	0.
165	G2	0.	0.	0.03	0.	0.	0.
165	Qm	0.	0.	0.161	0.	0.	0.
165	Qs	0.	0.	0.019	0.	0.	0.
165	T+	8.165E-15	-7.528E-15	0.	0.	0.	0.
165	T-	-8.165E-15	7.528E-15	0.	0.	0.	0.
165	W	0.	0.	-9.577E-03	0.	0.	0.
165	Qm-1	0.	0.	0.19	0.	0.	0.
165	Qm-2	0.	0.	0.032	0.	0.	0.
166	DEAD	0.	0.	0.	0.	0.	0.
166	G1	0.	0.	0.3	0.	0.	0.
166	G2	0.	0.	0.031	0.	0.	0.
166	Qm	0.	0.	0.166	0.	0.	0.
166	Qs	0.	0.	0.019	0.	0.	0.
166	T+	8.462E-14	1.125E-14	0.	0.	0.	0.
166	T-	-8.462E-14	-1.125E-14	0.	0.	0.	0.
166	W	0.	0.	-0.013	0.	0.	0.
166	Qm-1	0.	0.	0.194	0.	0.	0.
166	Qm-2	0.	0.	0.032	0.	0.	0.
167	DEAD	0.	0.	0.	0.	0.	0.
167	G1	0.	0.	0.3	0.	0.	0.
167	G2	0.	0.	0.033	0.	0.	0.
167	Qm	0.	0.	0.171	0.	0.	0.
167	Qs	0.	0.	0.019	0.	0.	0.
167	T+	-7.162E-15	-1.283E-14	0.	0.	0.	0.
167	T-	7.162E-15	1.283E-14	0.	0.	0.	0.
167	W	0.	0.	-0.017	0.	0.	0.
167	Qm-1	0.	0.	0.199	0.	0.	0.
167	Qm-2	0.	0.	0.032	0.	0.	0.
168	DEAD	0.	0.	0.	0.	0.	0.
168	G1	0.	0.	0.3	0.	0.	0.
168	G2	0.	0.	0.034	0.	0.	0.
168	Qm	0.	0.	0.176	0.	0.	0.
168	Qs	0.	0.	0.019	0.	0.	0.
168	T+	-1.153E-15	3.479E-14	0.	0.	0.	0.
168	T-	1.153E-15	-3.479E-14	0.	0.	0.	0.
168	W	0.	0.	-0.021	0.	0.	0.
168	Qm-1	0.	0.	0.204	0.	0.	0.
168	Qm-2	0.	0.	0.031	0.	0.	0.
169	DEAD	0.	0.	0.	0.	0.	0.
169	G1	0.	0.	0.3	0.	0.	0.
169	G2	0.	0.	0.036	0.	0.	0.
169	Qm	0.	0.	0.181	0.	0.	0.
169	Qs	0.	0.	0.019	0.	0.	0.

Table 25: Joint Reactions

Joint	OutputCase	F1	F2	F3	M1	M2	M3
		KN	KN	KN	KN-mm	KN-mm	KN-mm
169	T+	1.501E-14	-1.844E-14	0.	0.	0.	0.
169	T-	-1.501E-14	1.844E-14	0.	0.	0.	0.
169	W	0.	0.	-0.025	0.	0.	0.
169	Qm-1	0.	0.	0.208	0.	0.	0.
169	Qm-2	0.	0.	0.031	0.	0.	0.
170	DEAD	0.	0.	0.	0.	0.	0.
170	G1	0.	0.	0.3	0.	0.	0.
170	G2	0.	0.	0.037	0.	0.	0.
170	Qm	0.	0.	0.186	0.	0.	0.
170	Qs	0.	0.	0.019	0.	0.	0.
170	T+	1.270E-14	1.607E-14	0.	0.	0.	0.
170	T-	-1.270E-14	-1.607E-14	0.	0.	0.	0.
170	W	0.	0.	-0.029	0.	0.	0.
170	Qm-1	0.	0.	0.213	0.	0.	0.
170	Qm-2	0.	0.	0.03	0.	0.	0.
171	DEAD	0.	0.	0.	0.	0.	0.
171	G1	0.	0.	0.3	0.	0.	0.
171	G2	0.	0.	0.039	0.	0.	0.
171	Qm	0.	0.	0.191	0.	0.	0.
171	Qs	0.	0.	0.019	0.	0.	0.
171	T+	-2.588E-14	2.263E-14	0.	0.	0.	0.
171	T-	2.588E-14	-2.263E-14	0.	0.	0.	0.
171	W	0.	0.	-0.033	0.	0.	0.
171	Qm-1	0.	0.	0.218	0.	0.	0.
171	Qm-2	0.	0.	0.03	0.	0.	0.
172	DEAD	0.	0.	0.	0.	0.	0.
172	G1	0.	0.	0.3	0.	0.	0.
172	G2	0.	0.	0.04	0.	0.	0.
172	Qm	0.	0.	0.196	0.	0.	0.
172	Qs	0.	0.	0.019	0.	0.	0.
172	T+	-1.851E-15	-1.430E-14	0.	0.	0.	0.
172	T-	1.851E-15	1.430E-14	0.	0.	0.	0.
172	W	0.	0.	-0.036	0.	0.	0.
172	Qm-1	0.	0.	0.222	0.	0.	0.
172	Qm-2	0.	0.	0.03	0.	0.	0.
173	DEAD	0.	0.	0.	0.	0.	0.
173	G1	0.	0.	0.3	0.	0.	0.
173	G2	0.	0.	0.042	0.	0.	0.
173	Qm	0.	0.	0.201	0.	0.	0.
173	Qs	0.	0.	0.019	0.	0.	0.
173	T+	-3.880E-16	1.312E-14	0.	0.	0.	0.
173	T-	3.880E-16	-1.312E-14	0.	0.	0.	0.
173	W	0.	0.	-0.04	0.	0.	0.
173	Qm-1	0.	0.	0.227	0.	0.	0.
173	Qm-2	0.	0.	0.029	0.	0.	0.
174	DEAD	0.	0.	0.	0.	0.	0.
174	G1	0.	0.	0.3	0.	0.	0.
174	G2	0.	0.	0.043	0.	0.	0.
174	Qm	0.	0.	0.206	0.	0.	0.
174	Qs	0.	0.	0.019	0.	0.	0.
174	T+	6.258E-14	-1.510E-14	0.	0.	0.	0.
174	T-	-6.258E-14	1.510E-14	0.	0.	0.	0.
174	W	0.	0.	-0.044	0.	0.	0.
174	Qm-1	0.	0.	0.232	0.	0.	0.

Table 25: Joint Reactions

Joint	OutputCase	F1	F2	F3	M1	M2	M3
		KN	KN	KN	KN-mm	KN-mm	KN-mm
174	Qm-2	0.	0.	0.029	0.	0.	0.
175	DEAD	0.	0.	0.	0.	0.	0.
175	G1	0.	0.	0.3	0.	0.	0.
175	G2	0.	0.	0.045	0.	0.	0.
175	Qm	0.	0.	0.211	0.	0.	0.
175	Qs	0.	0.	0.019	0.	0.	0.
175	T+	-4.270E-15	-2.707E-14	0.	0.	0.	0.
175	T-	4.270E-15	2.707E-14	0.	0.	0.	0.
175	W	0.	0.	-0.048	0.	0.	0.
175	Qm-1	0.	0.	0.236	0.	0.	0.
175	Qm-2	0.	0.	0.028	0.	0.	0.
176	DEAD	0.	0.	0.	0.	0.	0.
176	G1	0.	0.	0.3	0.	0.	0.
176	G2	0.	0.	0.046	0.	0.	0.
176	Qm	0.	0.	0.216	0.	0.	0.
176	Qs	0.	0.	0.019	0.	0.	0.
176	T+	-2.878E-14	2.541E-14	0.	0.	0.	0.
176	T-	2.878E-14	-2.541E-14	0.	0.	0.	0.
176	W	0.	0.	-0.052	0.	0.	0.
176	Qm-1	0.	0.	0.241	0.	0.	0.
176	Qm-2	0.	0.	0.028	0.	0.	0.
177	DEAD	0.	0.	0.	0.	0.	0.
177	G1	0.	0.	0.3	0.	0.	0.
177	G2	0.	0.	0.048	0.	0.	0.
177	Qm	0.	0.	0.221	0.	0.	0.
177	Qs	0.	0.	0.019	0.	0.	0.
177	T+	-3.934E-16	-2.334E-14	0.	0.	0.	0.
177	T-	3.934E-16	2.334E-14	0.	0.	0.	0.
177	W	0.	0.	-0.055	0.	0.	0.
177	Qm-1	0.	0.	0.246	0.	0.	0.
177	Qm-2	0.	0.	0.028	0.	0.	0.
178	DEAD	0.	0.	0.	0.	0.	0.
178	G1	0.	0.	0.3	0.	0.	0.
178	G2	0.	0.	0.049	0.	0.	0.
178	Qm	0.	0.	0.226	0.	0.	0.
178	Qs	0.	0.	0.019	0.	0.	0.
178	T+	-4.338E-14	2.472E-14	0.	0.	0.	0.
178	T-	4.338E-14	-2.472E-14	0.	0.	0.	0.
178	W	0.	0.	-0.059	0.	0.	0.
178	Qm-1	0.	0.	0.25	0.	0.	0.
178	Qm-2	0.	0.	0.027	0.	0.	0.
179	DEAD	0.	0.	0.	0.	0.	0.
179	G1	0.	0.	0.3	0.	0.	0.
179	G2	0.	0.	0.051	0.	0.	0.
179	Qm	0.	0.	0.231	0.	0.	0.
179	Qs	0.	0.	0.019	0.	0.	0.
179	T+	4.382E-14	-1.374E-14	0.	0.	0.	0.
179	T-	-4.382E-14	1.374E-14	0.	0.	0.	0.
179	W	0.	0.	-0.063	0.	0.	0.
179	Qm-1	0.	0.	0.255	0.	0.	0.
179	Qm-2	0.	0.	0.027	0.	0.	0.
180	DEAD	0.	0.	0.	0.	0.	0.
180	G1	0.	0.	0.3	0.	0.	0.
180	G2	0.	0.	0.053	0.	0.	0.

Table 25: Joint Reactions

Joint	OutputCase	F1	F2	F3	M1	M2	M3
		KN	KN	KN	KN-mm	KN-mm	KN-mm
180	Qm	0.	0.	0.236	0.	0.	0.
180	Qs	0.	0.	0.019	0.	0.	0.
180	T+	1.300E-14	-3.287E-15	0.	0.	0.	0.
180	T-	-1.300E-14	3.287E-15	0.	0.	0.	0.
180	W	0.	0.	-0.067	0.	0.	0.
180	Qm-1	0.	0.	0.26	0.	0.	0.
180	Qm-2	0.	0.	0.026	0.	0.	0.
181	DEAD	0.	0.	0.	0.	0.	0.
181	G1	0.	0.	0.3	0.	0.	0.
181	G2	0.	0.	0.054	0.	0.	0.
181	Qm	0.	0.	0.241	0.	0.	0.
181	Qs	0.	0.	0.019	0.	0.	0.
181	T+	1.707E-14	1.607E-15	0.	0.	0.	0.
181	T-	-1.707E-14	-1.607E-15	0.	0.	0.	0.
181	W	0.	0.	-0.071	0.	0.	0.
181	Qm-1	0.	0.	0.264	0.	0.	0.
181	Qm-2	0.	0.	0.026	0.	0.	0.
182	DEAD	0.	0.	0.	0.	0.	0.
182	G1	0.	0.	0.3	0.	0.	0.
182	G2	0.	0.	0.056	0.	0.	0.
182	Qm	0.	0.	0.246	0.	0.	0.
182	Qs	0.	0.	0.019	0.	0.	0.
182	T+	1.225E-14	-1.313E-14	0.	0.	0.	0.
182	T-	-1.225E-14	1.313E-14	0.	0.	0.	0.
182	W	0.	0.	-0.075	0.	0.	0.
182	Qm-1	0.	0.	0.269	0.	0.	0.
182	Qm-2	0.	0.	0.026	0.	0.	0.
183	DEAD	0.	0.	0.	0.	0.	0.
183	G1	0.	0.	0.3	0.	0.	0.
183	G2	0.	0.	0.057	0.	0.	0.
183	Qm	0.	0.	0.251	0.	0.	0.
183	Qs	0.	0.	0.019	0.	0.	0.
183	T+	2.996E-14	9.263E-15	0.	0.	0.	0.
183	T-	-2.996E-14	-9.263E-15	0.	0.	0.	0.
183	W	0.	0.	-0.078	0.	0.	0.
183	Qm-1	0.	0.	0.274	0.	0.	0.
183	Qm-2	0.	0.	0.025	0.	0.	0.
184	DEAD	0.	0.	0.	0.	0.	0.
184	G1	0.	0.	0.3	0.	0.	0.
184	G2	0.	0.	0.059	0.	0.	0.
184	Qm	0.	0.	0.256	0.	0.	0.
184	Qs	0.	0.	0.019	0.	0.	0.
184	T+	2.900E-14	-7.544E-15	0.	0.	0.	0.
184	T-	-2.900E-14	7.544E-15	0.	0.	0.	0.
184	W	0.	0.	-0.082	0.	0.	0.
184	Qm-1	0.	0.	0.278	0.	0.	0.
184	Qm-2	0.	0.	0.025	0.	0.	0.
185	DEAD	0.	0.	0.	0.	0.	0.
185	G1	0.	0.	0.3	0.	0.	0.
185	G2	0.	0.	0.06	0.	0.	0.
185	Qm	0.	0.	0.261	0.	0.	0.
185	Qs	0.	0.	0.019	0.	0.	0.
185	T+	2.653E-14	-5.621E-15	0.	0.	0.	0.
185	T-	-2.653E-14	5.621E-15	0.	0.	0.	0.

Table 25: Joint Reactions

Joint	OutputCase	F1	F2	F3	M1	M2	M3
		KN	KN	KN	KN-mm	KN-mm	KN-mm
185	W	0.	0.	-0.086	0.	0.	0.
185	Qm-1	0.	0.	0.283	0.	0.	0.
185	Qm-2	0.	0.	0.024	0.	0.	0.
186	DEAD	0.	0.	0.	0.	0.	0.
186	G1	0.	0.	0.3	0.	0.	0.
186	G2	0.	0.	0.062	0.	0.	0.
186	Qm	0.	0.	0.266	0.	0.	0.
186	Qs	0.	0.	0.019	0.	0.	0.
186	T+	-2.931E-14	7.431E-15	0.	0.	0.	0.
186	T-	2.931E-14	-7.431E-15	0.	0.	0.	0.
186	W	0.	0.	-0.09	0.	0.	0.
186	Qm-1	0.	0.	0.288	0.	0.	0.
186	Qm-2	0.	0.	0.024	0.	0.	0.
187	DEAD	0.	0.	0.	0.	0.	0.
187	G1	0.	0.	0.3	0.	0.	0.
187	G2	0.	0.	0.063	0.	0.	0.
187	Qm	0.	0.	0.271	0.	0.	0.
187	Qs	0.	0.	0.019	0.	0.	0.
187	T+	-1.401E-14	-6.279E-15	0.	0.	0.	0.
187	T-	1.401E-14	6.279E-15	0.	0.	0.	0.
187	W	0.	0.	-0.094	0.	0.	0.
187	Qm-1	0.	0.	0.292	0.	0.	0.
187	Qm-2	0.	0.	0.024	0.	0.	0.
188	DEAD	0.	0.	0.	0.	0.	0.
188	G1	0.	0.	0.15	0.	0.	0.
188	G2	0.	0.	0.032	0.	0.	0.
188	Qm	0.	0.	0.138	0.	0.	0.
188	Qs	0.	0.	9.600E-03	0.	0.	0.
188	T+	1.532E-14	177.053	0.	0.	0.	0.
188	T-	-1.532E-14	-177.053	0.	0.	0.	0.
188	W	0.	0.	-0.049	0.	0.	0.
188	Qm-1	0.	0.	0.149	0.	0.	0.
188	Qm-2	0.	0.	0.012	0.	0.	0.
189	DEAD	0.	0.	0.	0.	0.	0.
189	G1	0.	0.	0.15	0.	0.	0.
189	G2	0.	0.	0.013	0.	0.	0.
189	Qm	0.	0.	0.075	0.	0.	0.
189	Qs	0.	0.	9.600E-03	0.	0.	0.
189	T+	1.122E-15	-177.053	0.	0.	0.	0.
189	T-	-1.122E-15	177.053	0.	0.	0.	0.
189	W	0.	0.	2.864E-03	0.	0.	0.
189	Qm-1	0.	0.	0.09	0.	0.	0.
189	Qm-2	0.	0.	0.017	0.	0.	0.
190	DEAD	0.	0.	0.	0.	0.	0.
190	G1	0.	0.	0.3	0.	0.	0.
190	G2	0.	0.	0.028	0.	0.	0.
190	Qm	0.	0.	0.155	0.	0.	0.
190	Qs	0.	0.	0.019	0.	0.	0.
190	T+	-2.488E-15	-1.937E-14	0.	0.	0.	0.
190	T-	2.488E-15	1.937E-14	0.	0.	0.	0.
190	W	0.	0.	1.903E-03	0.	0.	0.
190	Qm-1	0.	0.	0.184	0.	0.	0.
190	Qm-2	0.	0.	0.033	0.	0.	0.
191	DEAD	0.	0.	0.	0.	0.	0.

Table 25: Joint Reactions

Joint	OutputCase	F1	F2	F3	M1	M2	M3
		KN	KN	KN	KN-mm	KN-mm	KN-mm
191	G1	0.	0.	0.3	0.	0.	0.
191	G2	0.	0.	0.03	0.	0.	0.
191	Qm	0.	0.	0.16	0.	0.	0.
191	Qs	0.	0.	0.019	0.	0.	0.
191	T+	7.426E-15	-7.288E-15	0.	0.	0.	0.
191	T-	-7.426E-15	7.288E-15	0.	0.	0.	0.
191	W	0.	0.	-1.921E-03	0.	0.	0.
191	Qm-1	0.	0.	0.189	0.	0.	0.
191	Qm-2	0.	0.	0.032	0.	0.	0.
192	DEAD	0.	0.	0.	0.	0.	0.
192	G1	0.	0.	0.3	0.	0.	0.
192	G2	0.	0.	0.031	0.	0.	0.
192	Qm	0.	0.	0.165	0.	0.	0.
192	Qs	0.	0.	0.019	0.	0.	0.
192	T+	-1.445E-14	7.857E-15	0.	0.	0.	0.
192	T-	1.445E-14	-7.857E-15	0.	0.	0.	0.
192	W	0.	0.	-5.746E-03	0.	0.	0.
192	Qm-1	0.	0.	0.194	0.	0.	0.
192	Qm-2	0.	0.	0.032	0.	0.	0.
193	DEAD	0.	0.	0.	0.	0.	0.
193	G1	0.	0.	0.3	0.	0.	0.
193	G2	0.	0.	0.033	0.	0.	0.
193	Qm	0.	0.	0.17	0.	0.	0.
193	Qs	0.	0.	0.019	0.	0.	0.
193	T+	2.079E-14	1.983E-14	0.	0.	0.	0.
193	T-	-2.079E-14	-1.983E-14	0.	0.	0.	0.
193	W	0.	0.	-9.571E-03	0.	0.	0.
193	Qm-1	0.	0.	0.198	0.	0.	0.
193	Qm-2	0.	0.	0.032	0.	0.	0.
194	DEAD	0.	0.	0.	0.	0.	0.
194	G1	0.	0.	0.3	0.	0.	0.
194	G2	0.	0.	0.034	0.	0.	0.
194	Qm	0.	0.	0.175	0.	0.	0.
194	Qs	0.	0.	0.019	0.	0.	0.
194	T+	-1.110E-14	-3.325E-14	0.	0.	0.	0.
194	T-	1.110E-14	3.325E-14	0.	0.	0.	0.
194	W	0.	0.	-0.013	0.	0.	0.
194	Qm-1	0.	0.	0.203	0.	0.	0.
194	Qm-2	0.	0.	0.031	0.	0.	0.
195	DEAD	0.	0.	0.	0.	0.	0.
195	G1	0.	0.	0.3	0.	0.	0.
195	G2	0.	0.	0.036	0.	0.	0.
195	Qm	0.	0.	0.18	0.	0.	0.
195	Qs	0.	0.	0.019	0.	0.	0.
195	T+	2.574E-14	-8.095E-15	0.	0.	0.	0.
195	T-	-2.574E-14	8.095E-15	0.	0.	0.	0.
195	W	0.	0.	-0.017	0.	0.	0.
195	Qm-1	0.	0.	0.208	0.	0.	0.
195	Qm-2	0.	0.	0.031	0.	0.	0.
196	DEAD	0.	0.	0.	0.	0.	0.
196	G1	0.	0.	0.3	0.	0.	0.
196	G2	0.	0.	0.037	0.	0.	0.
196	Qm	0.	0.	0.185	0.	0.	0.
196	Qs	0.	0.	0.019	0.	0.	0.

Table 25: Joint Reactions

Joint	OutputCase	F1	F2	F3	M1	M2	M3
		KN	KN	KN	KN-mm	KN-mm	KN-mm
196	T+	-1.352E-14	1.185E-14	0.	0.	0.	0.
196	T-	1.352E-14	-1.185E-14	0.	0.	0.	0.
196	W	0.	0.	-0.021	0.	0.	0.
196	Qm-1	0.	0.	0.212	0.	0.	0.
196	Qm-2	0.	0.	0.03	0.	0.	0.
197	DEAD	0.	0.	0.	0.	0.	0.
197	G1	0.	0.	0.3	0.	0.	0.
197	G2	0.	0.	0.039	0.	0.	0.
197	Qm	0.	0.	0.19	0.	0.	0.
197	Qs	0.	0.	0.019	0.	0.	0.
197	T+	-2.900E-15	2.057E-14	0.	0.	0.	0.
197	T-	2.900E-15	-2.057E-14	0.	0.	0.	0.
197	W	0.	0.	-0.025	0.	0.	0.
197	Qm-1	0.	0.	0.217	0.	0.	0.
197	Qm-2	0.	0.	0.03	0.	0.	0.
198	DEAD	0.	0.	0.	0.	0.	0.
198	G1	0.	0.	0.3	0.	0.	0.
198	G2	0.	0.	0.04	0.	0.	0.
198	Qm	0.	0.	0.195	0.	0.	0.
198	Qs	0.	0.	0.019	0.	0.	0.
198	T+	1.760E-14	-1.868E-14	0.	0.	0.	0.
198	T-	-1.760E-14	1.868E-14	0.	0.	0.	0.
198	W	0.	0.	-0.029	0.	0.	0.
198	Qm-1	0.	0.	0.222	0.	0.	0.
198	Qm-2	0.	0.	0.03	0.	0.	0.
199	DEAD	0.	0.	0.	0.	0.	0.
199	G1	0.	0.	0.3	0.	0.	0.
199	G2	0.	0.	0.042	0.	0.	0.
199	Qm	0.	0.	0.2	0.	0.	0.
199	Qs	0.	0.	0.019	0.	0.	0.
199	T+	1.430E-14	4.272E-15	0.	0.	0.	0.
199	T-	-1.430E-14	-4.272E-15	0.	0.	0.	0.
199	W	0.	0.	-0.033	0.	0.	0.
199	Qm-1	0.	0.	0.226	0.	0.	0.
199	Qm-2	0.	0.	0.029	0.	0.	0.
200	DEAD	0.	0.	0.	0.	0.	0.
200	G1	0.	0.	0.3	0.	0.	0.
200	G2	0.	0.	0.043	0.	0.	0.
200	Qm	0.	0.	0.205	0.	0.	0.
200	Qs	0.	0.	0.019	0.	0.	0.
200	T+	-1.908E-15	-1.610E-14	0.	0.	0.	0.
200	T-	1.908E-15	1.610E-14	0.	0.	0.	0.
200	W	0.	0.	-0.036	0.	0.	0.
200	Qm-1	0.	0.	0.231	0.	0.	0.
200	Qm-2	0.	0.	0.029	0.	0.	0.
201	DEAD	0.	0.	0.	0.	0.	0.
201	G1	0.	0.	0.3	0.	0.	0.
201	G2	0.	0.	0.045	0.	0.	0.
201	Qm	0.	0.	0.21	0.	0.	0.
201	Qs	0.	0.	0.019	0.	0.	0.
201	T+	3.942E-15	-1.522E-14	0.	0.	0.	0.
201	T-	-3.942E-15	1.522E-14	0.	0.	0.	0.
201	W	0.	0.	-0.04	0.	0.	0.
201	Qm-1	0.	0.	0.236	0.	0.	0.

Table 25: Joint Reactions

Joint	OutputCase	F1	F2	F3	M1	M2	M3
		KN	KN	KN	KN-mm	KN-mm	KN-mm
201	Qm-2	0.	0.	0.028	0.	0.	0.
202	DEAD	0.	0.	0.	0.	0.	0.
202	G1	0.	0.	0.3	0.	0.	0.
202	G2	0.	0.	0.046	0.	0.	0.
202	Qm	0.	0.	0.215	0.	0.	0.
202	Qs	0.	0.	0.019	0.	0.	0.
202	T+	-1.485E-14	-2.295E-15	0.	0.	0.	0.
202	T-	1.485E-14	2.295E-15	0.	0.	0.	0.
202	W	0.	0.	-0.044	0.	0.	0.
202	Qm-1	0.	0.	0.24	0.	0.	0.
202	Qm-2	0.	0.	0.028	0.	0.	0.
203	DEAD	0.	0.	0.	0.	0.	0.
203	G1	0.	0.	0.3	0.	0.	0.
203	G2	0.	0.	0.048	0.	0.	0.
203	Qm	0.	0.	0.22	0.	0.	0.
203	Qs	0.	0.	0.019	0.	0.	0.
203	T+	5.538E-14	1.918E-14	0.	0.	0.	0.
203	T-	-5.538E-14	-1.918E-14	0.	0.	0.	0.
203	W	0.	0.	-0.048	0.	0.	0.
203	Qm-1	0.	0.	0.245	0.	0.	0.
203	Qm-2	0.	0.	0.028	0.	0.	0.
204	DEAD	0.	0.	0.	0.	0.	0.
204	G1	0.	0.	0.3	0.	0.	0.
204	G2	0.	0.	0.049	0.	0.	0.
204	Qm	0.	0.	0.225	0.	0.	0.
204	Qs	0.	0.	0.019	0.	0.	0.
204	T+	-3.086E-16	-3.219E-14	0.	0.	0.	0.
204	T-	3.086E-16	3.219E-14	0.	0.	0.	0.
204	W	0.	0.	-0.052	0.	0.	0.
204	Qm-1	0.	0.	0.25	0.	0.	0.
204	Qm-2	0.	0.	0.027	0.	0.	0.
205	DEAD	0.	0.	0.	0.	0.	0.
205	G1	0.	0.	0.3	0.	0.	0.
205	G2	0.	0.	0.051	0.	0.	0.
205	Qm	0.	0.	0.23	0.	0.	0.
205	Qs	0.	0.	0.019	0.	0.	0.
205	T+	2.494E-14	1.639E-14	0.	0.	0.	0.
205	T-	-2.494E-14	-1.639E-14	0.	0.	0.	0.
205	W	0.	0.	-0.055	0.	0.	0.
205	Qm-1	0.	0.	0.254	0.	0.	0.
205	Qm-2	0.	0.	0.027	0.	0.	0.
206	DEAD	0.	0.	0.	0.	0.	0.
206	G1	0.	0.	0.3	0.	0.	0.
206	G2	0.	0.	0.053	0.	0.	0.
206	Qm	0.	0.	0.235	0.	0.	0.
206	Qs	0.	0.	0.019	0.	0.	0.
206	T+	2.649E-15	1.331E-14	0.	0.	0.	0.
206	T-	-2.649E-15	-1.331E-14	0.	0.	0.	0.
206	W	0.	0.	-0.059	0.	0.	0.
206	Qm-1	0.	0.	0.259	0.	0.	0.
206	Qm-2	0.	0.	0.026	0.	0.	0.
207	DEAD	0.	0.	0.	0.	0.	0.
207	G1	0.	0.	0.3	0.	0.	0.
207	G2	0.	0.	0.054	0.	0.	0.

Table 25: Joint Reactions

Joint	OutputCase	F1	F2	F3	M1	M2	M3
		KN	KN	KN	KN-mm	KN-mm	KN-mm
207	Qm	0.	0.	0.24	0.	0.	0.
207	Qs	0.	0.	0.019	0.	0.	0.
207	T+	1.623E-14	-1.100E-14	0.	0.	0.	0.
207	T-	-1.623E-14	1.100E-14	0.	0.	0.	0.
207	W	0.	0.	-0.063	0.	0.	0.
207	Qm-1	0.	0.	0.264	0.	0.	0.
207	Qm-2	0.	0.	0.026	0.	0.	0.
208	DEAD	0.	0.	0.	0.	0.	0.
208	G1	0.	0.	0.3	0.	0.	0.
208	G2	0.	0.	0.056	0.	0.	0.
208	Qm	0.	0.	0.245	0.	0.	0.
208	Qs	0.	0.	0.019	0.	0.	0.
208	T+	1.177E-14	6.046E-15	0.	0.	0.	0.
208	T-	-1.177E-14	-6.046E-15	0.	0.	0.	0.
208	W	0.	0.	-0.067	0.	0.	0.
208	Qm-1	0.	0.	0.268	0.	0.	0.
208	Qm-2	0.	0.	0.026	0.	0.	0.
209	DEAD	0.	0.	0.	0.	0.	0.
209	G1	0.	0.	0.3	0.	0.	0.
209	G2	0.	0.	0.057	0.	0.	0.
209	Qm	0.	0.	0.25	0.	0.	0.
209	Qs	0.	0.	0.019	0.	0.	0.
209	T+	-1.220E-14	-2.767E-15	0.	0.	0.	0.
209	T-	1.220E-14	2.767E-15	0.	0.	0.	0.
209	W	0.	0.	-0.071	0.	0.	0.
209	Qm-1	0.	0.	0.273	0.	0.	0.
209	Qm-2	0.	0.	0.025	0.	0.	0.
210	DEAD	0.	0.	0.	0.	0.	0.
210	G1	0.	0.	0.3	0.	0.	0.
210	G2	0.	0.	0.059	0.	0.	0.
210	Qm	0.	0.	0.255	0.	0.	0.
210	Qs	0.	0.	0.019	0.	0.	0.
210	T+	-4.299E-14	1.755E-14	0.	0.	0.	0.
210	T-	4.299E-14	-1.755E-14	0.	0.	0.	0.
210	W	0.	0.	-0.075	0.	0.	0.
210	Qm-1	0.	0.	0.278	0.	0.	0.
210	Qm-2	0.	0.	0.025	0.	0.	0.
211	DEAD	0.	0.	0.	0.	0.	0.
211	G1	0.	0.	0.3	0.	0.	0.
211	G2	0.	0.	0.06	0.	0.	0.
211	Qm	0.	0.	0.26	0.	0.	0.
211	Qs	0.	0.	0.019	0.	0.	0.
211	T+	-4.218E-14	-5.276E-15	0.	0.	0.	0.
211	T-	4.218E-14	5.276E-15	0.	0.	0.	0.
211	W	0.	0.	-0.078	0.	0.	0.
211	Qm-1	0.	0.	0.282	0.	0.	0.
211	Qm-2	0.	0.	0.024	0.	0.	0.
212	DEAD	0.	0.	0.	0.	0.	0.
212	G1	0.	0.	0.3	0.	0.	0.
212	G2	0.	0.	0.062	0.	0.	0.
212	Qm	0.	0.	0.265	0.	0.	0.
212	Qs	0.	0.	0.019	0.	0.	0.
212	T+	-3.671E-16	-1.069E-14	0.	0.	0.	0.
212	T-	3.671E-16	1.069E-14	0.	0.	0.	0.

Table 25: Joint Reactions

Joint	OutputCase	F1	F2	F3	M1	M2	M3
		KN	KN	KN	KN-mm	KN-mm	KN-mm
212	W	0.	0.	-0.082	0.	0.	0.
212	Qm-1	0.	0.	0.287	0.	0.	0.
212	Qm-2	0.	0.	0.024	0.	0.	0.
213	DEAD	0.	0.	0.	0.	0.	0.
213	G1	0.	0.	0.3	0.	0.	0.
213	G2	0.	0.	0.063	0.	0.	0.
213	Qm	0.	0.	0.27	0.	0.	0.
213	Qs	0.	0.	0.019	0.	0.	0.
213	T+	2.226E-15	2.838E-14	0.	0.	0.	0.
213	T-	-2.226E-15	-2.838E-14	0.	0.	0.	0.
213	W	0.	0.	-0.086	0.	0.	0.
213	Qm-1	0.	0.	0.292	0.	0.	0.
213	Qm-2	0.	0.	0.024	0.	0.	0.
214	DEAD	0.	0.	0.	0.	0.	0.
214	G1	0.	0.	0.15	0.	0.	0.
214	G2	0.	0.	0.032	0.	0.	0.
214	Qm	0.	0.	0.138	0.	0.	0.
214	Qs	0.	0.	9.600E-03	0.	0.	0.
214	T+	-3.064E-14	177.053	0.	0.	0.	0.
214	T-	3.064E-14	-177.053	0.	0.	0.	0.
214	W	0.	0.	-0.045	0.	0.	0.
214	Qm-1	0.	0.	0.148	0.	0.	0.
214	Qm-2	0.	0.	0.012	0.	0.	0.
215	DEAD	0.	0.	0.	0.	0.	0.
215	G1	0.	0.	0.15	0.	0.	0.
215	G2	0.	0.	0.013	0.	0.	0.
215	Qm	0.	0.	0.075	0.	0.	0.
215	Qs	0.	0.	9.600E-03	0.	0.	0.
215	T+	1.545E-14	-177.053	0.	0.	0.	0.
215	T-	-1.545E-14	177.053	0.	0.	0.	0.
215	W	0.	0.	6.691E-03	0.	0.	0.
215	Qm-1	0.	0.	0.09	0.	0.	0.
215	Qm-2	0.	0.	0.017	0.	0.	0.
216	DEAD	0.	0.	0.	0.	0.	0.
216	G1	0.	0.	0.3	0.	0.	0.
216	G2	0.	0.	0.028	0.	0.	0.
216	Qm	0.	0.	0.154	0.	0.	0.
216	Qs	0.	0.	0.019	0.	0.	0.
216	T+	1.439E-14	-1.138E-14	0.	0.	0.	0.
216	T-	-1.439E-14	1.138E-14	0.	0.	0.	0.
216	W	0.	0.	9.558E-03	0.	0.	0.
216	Qm-1	0.	0.	0.184	0.	0.	0.
216	Qm-2	0.	0.	0.033	0.	0.	0.
217	DEAD	0.	0.	0.	0.	0.	0.
217	G1	0.	0.	0.3	0.	0.	0.
217	G2	0.	0.	0.03	0.	0.	0.
217	Qm	0.	0.	0.159	0.	0.	0.
217	Qs	0.	0.	0.019	0.	0.	0.
217	T+	-7.136E-15	9.998E-15	0.	0.	0.	0.
217	T-	7.136E-15	-9.998E-15	0.	0.	0.	0.
217	W	0.	0.	5.733E-03	0.	0.	0.
217	Qm-1	0.	0.	0.188	0.	0.	0.
217	Qm-2	0.	0.	0.032	0.	0.	0.
218	DEAD	0.	0.	0.	0.	0.	0.

Table 25: Joint Reactions

Joint	OutputCase	F1	F2	F3	M1	M2	M3
		KN	KN	KN	KN-mm	KN-mm	KN-mm
218	G1	0.	0.	0.3	0.	0.	0.
218	G2	0.	0.	0.031	0.	0.	0.
218	Qm	0.	0.	0.165	0.	0.	0.
218	Qs	0.	0.	0.019	0.	0.	0.
218	T+	-1.619E-14	-2.423E-14	0.	0.	0.	0.
218	T-	1.619E-14	2.423E-14	0.	0.	0.	0.
218	W	0.	0.	1.909E-03	0.	0.	0.
218	Qm-1	0.	0.	0.193	0.	0.	0.
218	Qm-2	0.	0.	0.032	0.	0.	0.
219	DEAD	0.	0.	0.	0.	0.	0.
219	G1	0.	0.	0.3	0.	0.	0.
219	G2	0.	0.	0.033	0.	0.	0.
219	Qm	0.	0.	0.17	0.	0.	0.
219	Qs	0.	0.	0.019	0.	0.	0.
219	T+	-3.410E-14	1.372E-14	0.	0.	0.	0.
219	T-	3.410E-14	-1.372E-14	0.	0.	0.	0.
219	W	0.	0.	-1.916E-03	0.	0.	0.
219	Qm-1	0.	0.	0.198	0.	0.	0.
219	Qm-2	0.	0.	0.032	0.	0.	0.
220	DEAD	0.	0.	0.	0.	0.	0.
220	G1	0.	0.	0.3	0.	0.	0.
220	G2	0.	0.	0.034	0.	0.	0.
220	Qm	0.	0.	0.175	0.	0.	0.
220	Qs	0.	0.	0.019	0.	0.	0.
220	T+	-2.907E-14	-9.538E-15	0.	0.	0.	0.
220	T-	2.907E-14	9.538E-15	0.	0.	0.	0.
220	W	0.	0.	-5.740E-03	0.	0.	0.
220	Qm-1	0.	0.	0.202	0.	0.	0.
220	Qm-2	0.	0.	0.031	0.	0.	0.
221	DEAD	0.	0.	0.	0.	0.	0.
221	G1	0.	0.	0.3	0.	0.	0.
221	G2	0.	0.	0.036	0.	0.	0.
221	Qm	0.	0.	0.18	0.	0.	0.
221	Qs	0.	0.	0.019	0.	0.	0.
221	T+	-1.097E-14	-1.911E-14	0.	0.	0.	0.
221	T-	1.097E-14	1.911E-14	0.	0.	0.	0.
221	W	0.	0.	-9.565E-03	0.	0.	0.
221	Qm-1	0.	0.	0.207	0.	0.	0.
221	Qm-2	0.	0.	0.031	0.	0.	0.
222	DEAD	0.	0.	0.	0.	0.	0.
222	G1	0.	0.	0.3	0.	0.	0.
222	G2	0.	0.	0.037	0.	0.	0.
222	Qm	0.	0.	0.185	0.	0.	0.
222	Qs	0.	0.	0.019	0.	0.	0.
222	T+	1.292E-14	5.020E-14	0.	0.	0.	0.
222	T-	-1.292E-14	-5.020E-14	0.	0.	0.	0.
222	W	0.	0.	-0.013	0.	0.	0.
222	Qm-1	0.	0.	0.212	0.	0.	0.
222	Qm-2	0.	0.	0.03	0.	0.	0.
223	DEAD	0.	0.	0.	0.	0.	0.
223	G1	0.	0.	0.3	0.	0.	0.
223	G2	0.	0.	0.039	0.	0.	0.
223	Qm	0.	0.	0.19	0.	0.	0.
223	Qs	0.	0.	0.019	0.	0.	0.

Table 25: Joint Reactions

Joint	OutputCase	F1	F2	F3	M1	M2	M3
		KN	KN	KN	KN-mm	KN-mm	KN-mm
223	T+	-1.378E-14	-7.619E-14	0.	0.	0.	0.
223	T-	1.378E-14	7.619E-14	0.	0.	0.	0.
223	W	0.	0.	-0.017	0.	0.	0.
223	Qm-1	0.	0.	0.216	0.	0.	0.
223	Qm-2	0.	0.	0.03	0.	0.	0.
224	DEAD	0.	0.	0.	0.	0.	0.
224	G1	0.	0.	0.3	0.	0.	0.
224	G2	0.	0.	0.04	0.	0.	0.
224	Qm	0.	0.	0.195	0.	0.	0.
224	Qs	0.	0.	0.019	0.	0.	0.
224	T+	-3.232E-14	-6.709E-15	0.	0.	0.	0.
224	T-	3.232E-14	6.709E-15	0.	0.	0.	0.
224	W	0.	0.	-0.021	0.	0.	0.
224	Qm-1	0.	0.	0.221	0.	0.	0.
224	Qm-2	0.	0.	0.03	0.	0.	0.
225	DEAD	0.	0.	0.	0.	0.	0.
225	G1	0.	0.	0.3	0.	0.	0.
225	G2	0.	0.	0.042	0.	0.	0.
225	Qm	0.	0.	0.2	0.	0.	0.
225	Qs	0.	0.	0.019	0.	0.	0.
225	T+	-2.617E-14	7.587E-15	0.	0.	0.	0.
225	T-	2.617E-14	-7.587E-15	0.	0.	0.	0.
225	W	0.	0.	-0.025	0.	0.	0.
225	Qm-1	0.	0.	0.226	0.	0.	0.
225	Qm-2	0.	0.	0.029	0.	0.	0.
226	DEAD	0.	0.	0.	0.	0.	0.
226	G1	0.	0.	0.3	0.	0.	0.
226	G2	0.	0.	0.043	0.	0.	0.
226	Qm	0.	0.	0.205	0.	0.	0.
226	Qs	0.	0.	0.019	0.	0.	0.
226	T+	-1.371E-14	1.926E-14	0.	0.	0.	0.
226	T-	1.371E-14	-1.926E-14	0.	0.	0.	0.
226	W	0.	0.	-0.029	0.	0.	0.
226	Qm-1	0.	0.	0.23	0.	0.	0.
226	Qm-2	0.	0.	0.029	0.	0.	0.
227	DEAD	0.	0.	0.	0.	0.	0.
227	G1	0.	0.	0.3	0.	0.	0.
227	G2	0.	0.	0.045	0.	0.	0.
227	Qm	0.	0.	0.21	0.	0.	0.
227	Qs	0.	0.	0.019	0.	0.	0.
227	T+	-4.751E-15	-3.054E-14	0.	0.	0.	0.
227	T-	4.751E-15	3.054E-14	0.	0.	0.	0.
227	W	0.	0.	-0.033	0.	0.	0.
227	Qm-1	0.	0.	0.235	0.	0.	0.
227	Qm-2	0.	0.	0.028	0.	0.	0.
228	DEAD	0.	0.	0.	0.	0.	0.
228	G1	0.	0.	0.3	0.	0.	0.
228	G2	0.	0.	0.046	0.	0.	0.
228	Qm	0.	0.	0.215	0.	0.	0.
228	Qs	0.	0.	0.019	0.	0.	0.
228	T+	-2.276E-14	2.052E-15	0.	0.	0.	0.
228	T-	2.276E-14	-2.052E-15	0.	0.	0.	0.
228	W	0.	0.	-0.036	0.	0.	0.
228	Qm-1	0.	0.	0.24	0.	0.	0.

Table 25: Joint Reactions

Joint	OutputCase	F1	F2	F3	M1	M2	M3
		KN	KN	KN	KN-mm	KN-mm	KN-mm
228	Qm-2	0.	0.	0.028	0.	0.	0.
229	DEAD	0.	0.	0.	0.	0.	0.
229	G1	0.	0.	0.3	0.	0.	0.
229	G2	0.	0.	0.048	0.	0.	0.
229	Qm	0.	0.	0.22	0.	0.	0.
229	Qs	0.	0.	0.019	0.	0.	0.
229	T+	1.236E-14	2.445E-14	0.	0.	0.	0.
229	T-	-1.236E-14	-2.445E-14	0.	0.	0.	0.
229	W	0.	0.	-0.04	0.	0.	0.
229	Qm-1	0.	0.	0.244	0.	0.	0.
229	Qm-2	0.	0.	0.028	0.	0.	0.
230	DEAD	0.	0.	0.	0.	0.	0.
230	G1	0.	0.	0.3	0.	0.	0.
230	G2	0.	0.	0.049	0.	0.	0.
230	Qm	0.	0.	0.225	0.	0.	0.
230	Qs	0.	0.	0.019	0.	0.	0.
230	T+	2.481E-14	-2.142E-14	0.	0.	0.	0.
230	T-	-2.481E-14	2.142E-14	0.	0.	0.	0.
230	W	0.	0.	-0.044	0.	0.	0.
230	Qm-1	0.	0.	0.249	0.	0.	0.
230	Qm-2	0.	0.	0.027	0.	0.	0.
231	DEAD	0.	0.	0.	0.	0.	0.
231	G1	0.	0.	0.3	0.	0.	0.
231	G2	0.	0.	0.051	0.	0.	0.
231	Qm	0.	0.	0.23	0.	0.	0.
231	Qs	0.	0.	0.019	0.	0.	0.
231	T+	-3.854E-14	2.392E-14	0.	0.	0.	0.
231	T-	3.854E-14	-2.392E-14	0.	0.	0.	0.
231	W	0.	0.	-0.048	0.	0.	0.
231	Qm-1	0.	0.	0.254	0.	0.	0.
231	Qm-2	0.	0.	0.027	0.	0.	0.
232	DEAD	0.	0.	0.	0.	0.	0.
232	G1	0.	0.	0.3	0.	0.	0.
232	G2	0.	0.	0.053	0.	0.	0.
232	Qm	0.	0.	0.235	0.	0.	0.
232	Qs	0.	0.	0.019	0.	0.	0.
232	T+	-1.438E-14	-5.012E-15	0.	0.	0.	0.
232	T-	1.438E-14	5.012E-15	0.	0.	0.	0.
232	W	0.	0.	-0.052	0.	0.	0.
232	Qm-1	0.	0.	0.258	0.	0.	0.
232	Qm-2	0.	0.	0.026	0.	0.	0.
233	DEAD	0.	0.	0.	0.	0.	0.
233	G1	0.	0.	0.3	0.	0.	0.
233	G2	0.	0.	0.054	0.	0.	0.
233	Qm	0.	0.	0.24	0.	0.	0.
233	Qs	0.	0.	0.019	0.	0.	0.
233	T+	9.765E-15	-2.276E-14	0.	0.	0.	0.
233	T-	-9.765E-15	2.276E-14	0.	0.	0.	0.
233	W	0.	0.	-0.055	0.	0.	0.
233	Qm-1	0.	0.	0.263	0.	0.	0.
233	Qm-2	0.	0.	0.026	0.	0.	0.
234	DEAD	0.	0.	0.	0.	0.	0.
234	G1	0.	0.	0.3	0.	0.	0.
234	G2	0.	0.	0.056	0.	0.	0.

Table 25: Joint Reactions

Joint	OutputCase	F1	F2	F3	M1	M2	M3
		KN	KN	KN	KN-mm	KN-mm	KN-mm
234	Qm	0.	0.	0.245	0.	0.	0.
234	Qs	0.	0.	0.019	0.	0.	0.
234	T+	-7.930E-15	1.080E-14	0.	0.	0.	0.
234	T-	7.930E-15	-1.080E-14	0.	0.	0.	0.
234	W	0.	0.	-0.059	0.	0.	0.
234	Qm-1	0.	0.	0.268	0.	0.	0.
234	Qm-2	0.	0.	0.026	0.	0.	0.
235	DEAD	0.	0.	0.	0.	0.	0.
235	G1	0.	0.	0.3	0.	0.	0.
235	G2	0.	0.	0.057	0.	0.	0.
235	Qm	0.	0.	0.25	0.	0.	0.
235	Qs	0.	0.	0.019	0.	0.	0.
235	T+	1.303E-14	2.506E-15	0.	0.	0.	0.
235	T-	-1.303E-14	-2.506E-15	0.	0.	0.	0.
235	W	0.	0.	-0.063	0.	0.	0.
235	Qm-1	0.	0.	0.272	0.	0.	0.
235	Qm-2	0.	0.	0.025	0.	0.	0.
236	DEAD	0.	0.	0.	0.	0.	0.
236	G1	0.	0.	0.3	0.	0.	0.
236	G2	0.	0.	0.059	0.	0.	0.
236	Qm	0.	0.	0.255	0.	0.	0.
236	Qs	0.	0.	0.019	0.	0.	0.
236	T+	-1.901E-15	2.474E-14	0.	0.	0.	0.
236	T-	1.901E-15	-2.474E-14	0.	0.	0.	0.
236	W	0.	0.	-0.067	0.	0.	0.
236	Qm-1	0.	0.	0.277	0.	0.	0.
236	Qm-2	0.	0.	0.025	0.	0.	0.
237	DEAD	0.	0.	0.	0.	0.	0.
237	G1	0.	0.	0.3	0.	0.	0.
237	G2	0.	0.	0.06	0.	0.	0.
237	Qm	0.	0.	0.26	0.	0.	0.
237	Qs	0.	0.	0.019	0.	0.	0.
237	T+	-1.588E-14	-2.499E-14	0.	0.	0.	0.
237	T-	1.588E-14	2.499E-14	0.	0.	0.	0.
237	W	0.	0.	-0.071	0.	0.	0.
237	Qm-1	0.	0.	0.282	0.	0.	0.
237	Qm-2	0.	0.	0.024	0.	0.	0.
238	DEAD	0.	0.	0.	0.	0.	0.
238	G1	0.	0.	0.3	0.	0.	0.
238	G2	0.	0.	0.062	0.	0.	0.
238	Qm	0.	0.	0.265	0.	0.	0.
238	Qs	0.	0.	0.019	0.	0.	0.
238	T+	-9.940E-15	2.939E-14	0.	0.	0.	0.
238	T-	9.940E-15	-2.939E-14	0.	0.	0.	0.
238	W	0.	0.	-0.075	0.	0.	0.
238	Qm-1	0.	0.	0.286	0.	0.	0.
238	Qm-2	0.	0.	0.024	0.	0.	0.
239	DEAD	0.	0.	0.	0.	0.	0.
239	G1	0.	0.	0.3	0.	0.	0.
239	G2	0.	0.	0.063	0.	0.	0.
239	Qm	0.	0.	0.27	0.	0.	0.
239	Qs	0.	0.	0.019	0.	0.	0.
239	T+	-8.006E-16	-1.721E-14	0.	0.	0.	0.
239	T-	8.006E-16	1.721E-14	0.	0.	0.	0.

Table 25: Joint Reactions

Joint	OutputCase	F1	F2	F3	M1	M2	M3
		KN	KN	KN	KN-mm	KN-mm	KN-mm
239	W	0.	-5.6	-0.078	0.	0.	0.
239	Qm-1	0.	0.	0.291	0.	0.	0.
239	Qm-2	0.	0.	0.024	0.	0.	0.
240	DEAD	0.	0.	0.	0.	0.	0.
240	G1	0.	0.	0.15	0.	0.	0.
240	G2	0.	0.	0.032	0.	0.	0.
240	Qm	0.	0.	0.137	0.	0.	0.
240	Qs	0.	0.	9.600E-03	0.	0.	0.
240	T+	1.286E-14	177.053	0.	0.	0.	0.
240	T-	-1.286E-14	-177.053	0.	0.	0.	0.
240	W	0.	0.	-0.041	0.	0.	0.
240	Qm-1	0.	0.	0.148	0.	0.	0.
240	Qm-2	0.	0.	0.012	0.	0.	0.
241	DEAD	0.	0.	0.	0.	0.	0.
241	G1	0.	0.	0.15	0.	0.	0.
241	G2	0.	0.	0.013	0.	0.	0.
241	Qm	0.	0.	0.074	0.	0.	0.
241	Qs	0.	0.	9.600E-03	0.	0.	0.
241	T+	-1.404E-14	-177.053	0.	0.	0.	0.
241	T-	1.404E-14	177.053	0.	0.	0.	0.
241	W	0.	0.	0.011	0.	0.	0.
241	Qm-1	0.	0.	0.089	0.	0.	0.
241	Qm-2	0.	0.	0.017	0.	0.	0.
242	DEAD	0.	0.	0.	0.	0.	0.
242	G1	0.	0.	0.3	0.	0.	0.
242	G2	0.	0.	0.028	0.	0.	0.
242	Qm	0.	0.	0.154	0.	0.	0.
242	Qs	0.	0.	0.019	0.	0.	0.
242	T+	2.558E-14	-1.110E-15	0.	0.	0.	0.
242	T-	-2.558E-14	1.110E-15	0.	0.	0.	0.
242	W	0.	0.	0.017	0.	0.	0.
242	Qm-1	0.	0.	0.183	0.	0.	0.
242	Qm-2	0.	0.	0.033	0.	0.	0.
243	DEAD	0.	0.	0.	0.	0.	0.
243	G1	0.	0.	0.3	0.	0.	0.
243	G2	0.	0.	0.03	0.	0.	0.
243	Qm	0.	0.	0.159	0.	0.	0.
243	Qs	0.	0.	0.019	0.	0.	0.
243	T+	8.716E-15	4.700E-14	0.	0.	0.	0.
243	T-	-8.716E-15	-4.700E-14	0.	0.	0.	0.
243	W	0.	0.	0.013	0.	0.	0.
243	Qm-1	0.	0.	0.188	0.	0.	0.
243	Qm-2	0.	0.	0.032	0.	0.	0.
244	DEAD	0.	0.	0.	0.	0.	0.
244	G1	0.	0.	0.3	0.	0.	0.
244	G2	0.	0.	0.031	0.	0.	0.
244	Qm	0.	0.	0.164	0.	0.	0.
244	Qs	0.	0.	0.019	0.	0.	0.
244	T+	1.758E-14	-2.142E-15	0.	0.	0.	0.
244	T-	-1.758E-14	2.142E-15	0.	0.	0.	0.
244	W	0.	0.	9.563E-03	0.	0.	0.
244	Qm-1	0.	0.	0.192	0.	0.	0.
244	Qm-2	0.	0.	0.032	0.	0.	0.
245	DEAD	0.	0.	0.	0.	0.	0.

Table 25: Joint Reactions

Joint	OutputCase	F1	F2	F3	M1	M2	M3
		KN	KN	KN	KN-mm	KN-mm	KN-mm
245	G1	0.	0.	0.3	0.	0.	0.
245	G2	0.	0.	0.033	0.	0.	0.
245	Qm	0.	0.	0.169	0.	0.	0.
245	Qs	0.	0.	0.019	0.	0.	0.
245	T+	7.094E-15	-1.577E-14	0.	0.	0.	0.
245	T-	-7.094E-15	1.577E-14	0.	0.	0.	0.
245	W	0.	0.	5.739E-03	0.	0.	0.
245	Qm-1	0.	0.	0.197	0.	0.	0.
245	Qm-2	0.	0.	0.032	0.	0.	0.
246	DEAD	0.	0.	0.	0.	0.	0.
246	G1	0.	0.	0.3	0.	0.	0.
246	G2	0.	0.	0.034	0.	0.	0.
246	Qm	0.	0.	0.174	0.	0.	0.
246	Qs	0.	0.	0.019	0.	0.	0.
246	T+	-1.258E-15	1.273E-14	0.	0.	0.	0.
246	T-	1.258E-15	-1.273E-14	0.	0.	0.	0.
246	W	0.	0.	1.914E-03	0.	0.	0.
246	Qm-1	0.	0.	0.202	0.	0.	0.
246	Qm-2	0.	0.	0.031	0.	0.	0.
247	DEAD	0.	0.	0.	0.	0.	0.
247	G1	0.	0.	0.3	0.	0.	0.
247	G2	0.	0.	0.036	0.	0.	0.
247	Qm	0.	0.	0.179	0.	0.	0.
247	Qs	0.	0.	0.019	0.	0.	0.
247	T+	1.438E-14	4.981E-15	0.	0.	0.	0.
247	T-	-1.438E-14	-4.981E-15	0.	0.	0.	0.
247	W	0.	0.	-1.911E-03	0.	0.	0.
247	Qm-1	0.	0.	0.206	0.	0.	0.
247	Qm-2	0.	0.	0.031	0.	0.	0.
248	DEAD	0.	0.	0.	0.	0.	0.
248	G1	0.	0.	0.3	0.	0.	0.
248	G2	0.	0.	0.037	0.	0.	0.
248	Qm	0.	0.	0.184	0.	0.	0.
248	Qs	0.	0.	0.019	0.	0.	0.
248	T+	4.627E-16	1.618E-14	0.	0.	0.	0.
248	T-	-4.627E-16	-1.618E-14	0.	0.	0.	0.
248	W	0.	0.	-5.735E-03	0.	0.	0.
248	Qm-1	0.	0.	0.211	0.	0.	0.
248	Qm-2	0.	0.	0.03	0.	0.	0.
249	DEAD	0.	0.	0.	0.	0.	0.
249	G1	0.	0.	0.3	0.	0.	0.
249	G2	0.	0.	0.039	0.	0.	0.
249	Qm	0.	0.	0.189	0.	0.	0.
249	Qs	0.	0.	0.019	0.	0.	0.
249	T+	-1.714E-14	2.244E-14	0.	0.	0.	0.
249	T-	1.714E-14	-2.244E-14	0.	0.	0.	0.
249	W	0.	0.	-9.560E-03	0.	0.	0.
249	Qm-1	0.	0.	0.216	0.	0.	0.
249	Qm-2	0.	0.	0.03	0.	0.	0.
250	DEAD	0.	0.	0.	0.	0.	0.
250	G1	0.	0.	0.3	0.	0.	0.
250	G2	0.	0.	0.04	0.	0.	0.
250	Qm	0.	0.	0.194	0.	0.	0.
250	Qs	0.	0.	0.019	0.	0.	0.

Table 25: Joint Reactions

Joint	OutputCase	F1	F2	F3	M1	M2	M3
		KN	KN	KN	KN-mm	KN-mm	KN-mm
250	T+	1.612E-14	-2.341E-14	0.	0.	0.	0.
250	T-	-1.612E-14	2.341E-14	0.	0.	0.	0.
250	W	0.	0.	-0.013	0.	0.	0.
250	Qm-1	0.	0.	0.22	0.	0.	0.
250	Qm-2	0.	0.	0.03	0.	0.	0.
251	DEAD	0.	0.	0.	0.	0.	0.
251	G1	0.	0.	0.3	0.	0.	0.
251	G2	0.	0.	0.042	0.	0.	0.
251	Qm	0.	0.	0.199	0.	0.	0.
251	Qs	0.	0.	0.019	0.	0.	0.
251	T+	1.185E-14	2.309E-14	0.	0.	0.	0.
251	T-	-1.185E-14	-2.309E-14	0.	0.	0.	0.
251	W	0.	0.	-0.017	0.	0.	0.
251	Qm-1	0.	0.	0.225	0.	0.	0.
251	Qm-2	0.	0.	0.029	0.	0.	0.
252	DEAD	0.	0.	0.	0.	0.	0.
252	G1	0.	0.	0.3	0.	0.	0.
252	G2	0.	0.	0.043	0.	0.	0.
252	Qm	0.	0.	0.204	0.	0.	0.
252	Qs	0.	0.	0.019	0.	0.	0.
252	T+	2.574E-15	-2.276E-14	0.	0.	0.	0.
252	T-	-2.574E-15	2.276E-14	0.	0.	0.	0.
252	W	0.	0.	-0.021	0.	0.	0.
252	Qm-1	0.	0.	0.23	0.	0.	0.
252	Qm-2	0.	0.	0.029	0.	0.	0.
253	DEAD	0.	0.	0.	0.	0.	0.
253	G1	0.	0.	0.3	0.	0.	0.
253	G2	0.	0.	0.045	0.	0.	0.
253	Qm	0.	0.	0.209	0.	0.	0.
253	Qs	0.	0.	0.019	0.	0.	0.
253	T+	9.780E-16	2.073E-14	0.	0.	0.	0.
253	T-	-9.780E-16	-2.073E-14	0.	0.	0.	0.
253	W	0.	0.	-0.025	0.	0.	0.
253	Qm-1	0.	0.	0.234	0.	0.	0.
253	Qm-2	0.	0.	0.028	0.	0.	0.
254	DEAD	0.	0.	0.	0.	0.	0.
254	G1	0.	0.	0.3	0.	0.	0.
254	G2	0.	0.	0.046	0.	0.	0.
254	Qm	0.	0.	0.214	0.	0.	0.
254	Qs	0.	0.	0.019	0.	0.	0.
254	T+	1.174E-14	-3.115E-14	0.	0.	0.	0.
254	T-	-1.174E-14	3.115E-14	0.	0.	0.	0.
254	W	0.	0.	-0.029	0.	0.	0.
254	Qm-1	0.	0.	0.239	0.	0.	0.
254	Qm-2	0.	0.	0.028	0.	0.	0.
255	DEAD	0.	0.	0.	0.	0.	0.
255	G1	0.	0.	0.3	0.	0.	0.
255	G2	0.	0.	0.048	0.	0.	0.
255	Qm	0.	0.	0.219	0.	0.	0.
255	Qs	0.	0.	0.019	0.	0.	0.
255	T+	-3.916E-14	3.308E-14	0.	0.	0.	0.
255	T-	3.916E-14	-3.308E-14	0.	0.	0.	0.
255	W	0.	0.	-0.033	0.	0.	0.
255	Qm-1	0.	0.	0.244	0.	0.	0.

Table 25: Joint Reactions

Joint	OutputCase	F1	F2	F3	M1	M2	M3
		KN	KN	KN	KN-mm	KN-mm	KN-mm
255	Qm-2	0.	0.	0.028	0.	0.	0.
256	DEAD	0.	0.	0.	0.	0.	0.
256	G1	0.	0.	0.3	0.	0.	0.
256	G2	0.	0.	0.049	0.	0.	0.
256	Qm	0.	0.	0.224	0.	0.	0.
256	Qs	0.	0.	0.019	0.	0.	0.
256	T+	-9.337E-16	-1.881E-14	0.	0.	0.	0.
256	T-	9.337E-16	1.881E-14	0.	0.	0.	0.
256	W	0.	0.	-0.036	0.	0.	0.
256	Qm-1	0.	0.	0.248	0.	0.	0.
256	Qm-2	0.	0.	0.027	0.	0.	0.
257	DEAD	0.	0.	0.	0.	0.	0.
257	G1	0.	0.	0.3	0.	0.	0.
257	G2	0.	0.	0.051	0.	0.	0.
257	Qm	0.	0.	0.229	0.	0.	0.
257	Qs	0.	0.	0.019	0.	0.	0.
257	T+	1.296E-14	2.145E-14	0.	0.	0.	0.
257	T-	-1.296E-14	-2.145E-14	0.	0.	0.	0.
257	W	0.	0.	-0.04	0.	0.	0.
257	Qm-1	0.	0.	0.253	0.	0.	0.
257	Qm-2	0.	0.	0.027	0.	0.	0.
258	DEAD	0.	0.	0.	0.	0.	0.
258	G1	0.	0.	0.3	0.	0.	0.
258	G2	0.	0.	0.053	0.	0.	0.
258	Qm	0.	0.	0.234	0.	0.	0.
258	Qs	0.	0.	0.019	0.	0.	0.
258	T+	-1.422E-15	-8.887E-15	0.	0.	0.	0.
258	T-	1.422E-15	8.887E-15	0.	0.	0.	0.
258	W	0.	0.	-0.044	0.	0.	0.
258	Qm-1	0.	0.	0.258	0.	0.	0.
258	Qm-2	0.	0.	0.026	0.	0.	0.
259	DEAD	0.	0.	0.	0.	0.	0.
259	G1	0.	0.	0.3	0.	0.	0.
259	G2	0.	0.	0.054	0.	0.	0.
259	Qm	0.	0.	0.239	0.	0.	0.
259	Qs	0.	0.	0.019	0.	0.	0.
259	T+	3.210E-14	2.197E-14	0.	0.	0.	0.
259	T-	-3.210E-14	-2.197E-14	0.	0.	0.	0.
259	W	0.	0.	-0.048	0.	0.	0.
259	Qm-1	0.	0.	0.262	0.	0.	0.
259	Qm-2	0.	0.	0.026	0.	0.	0.
260	DEAD	0.	0.	0.	0.	0.	0.
260	G1	0.	0.	0.3	0.	0.	0.
260	G2	0.	0.	0.056	0.	0.	0.
260	Qm	0.	0.	0.244	0.	0.	0.
260	Qs	0.	0.	0.019	0.	0.	0.
260	T+	-1.974E-14	-1.862E-14	0.	0.	0.	0.
260	T-	1.974E-14	1.862E-14	0.	0.	0.	0.
260	W	0.	0.	-0.052	0.	0.	0.
260	Qm-1	0.	0.	0.267	0.	0.	0.
260	Qm-2	0.	0.	0.026	0.	0.	0.
261	DEAD	0.	0.	0.	0.	0.	0.
261	G1	0.	0.	0.3	0.	0.	0.
261	G2	0.	0.	0.057	0.	0.	0.

Table 25: Joint Reactions

Joint	OutputCase	F1	F2	F3	M1	M2	M3
		KN	KN	KN	KN-mm	KN-mm	KN-mm
261	Qm	0.	0.	0.249	0.	0.	0.
261	Qs	0.	0.	0.019	0.	0.	0.
261	T+	1.637E-15	7.062E-15	0.	0.	0.	0.
261	T-	-1.637E-15	-7.062E-15	0.	0.	0.	0.
261	W	0.	0.	-0.055	0.	0.	0.
261	Qm-1	0.	0.	0.272	0.	0.	0.
261	Qm-2	0.	0.	0.025	0.	0.	0.
262	DEAD	0.	0.	0.	0.	0.	0.
262	G1	0.	0.	0.3	0.	0.	0.
262	G2	0.	0.	0.059	0.	0.	0.
262	Qm	0.	0.	0.254	0.	0.	0.
262	Qs	0.	0.	0.019	0.	0.	0.
262	T+	1.478E-14	2.719E-15	0.	0.	0.	0.
262	T-	-1.478E-14	-2.719E-15	0.	0.	0.	0.
262	W	0.	0.	-0.059	0.	0.	0.
262	Qm-1	0.	0.	0.276	0.	0.	0.
262	Qm-2	0.	0.	0.025	0.	0.	0.
263	DEAD	0.	0.	0.	0.	0.	0.
263	G1	0.	0.	0.3	0.	0.	0.
263	G2	0.	0.	0.06	0.	0.	0.
263	Qm	0.	0.	0.259	0.	0.	0.
263	Qs	0.	0.	0.019	0.	0.	0.
263	T+	4.778E-14	-9.203E-16	0.	0.	0.	0.
263	T-	-4.778E-14	9.203E-16	0.	0.	0.	0.
263	W	0.	0.	-0.063	0.	0.	0.
263	Qm-1	0.	0.	0.281	0.	0.	0.
263	Qm-2	0.	0.	0.024	0.	0.	0.
264	DEAD	0.	0.	0.	0.	0.	0.
264	G1	0.	0.	0.3	0.	0.	0.
264	G2	0.	0.	0.062	0.	0.	0.
264	Qm	0.	0.	0.264	0.	0.	0.
264	Qs	0.	0.	0.019	0.	0.	0.
264	T+	-2.102E-14	1.371E-15	0.	0.	0.	0.
264	T-	2.102E-14	-1.371E-15	0.	0.	0.	0.
264	W	0.	0.	-0.067	0.	0.	0.
264	Qm-1	0.	0.	0.286	0.	0.	0.
264	Qm-2	0.	0.	0.024	0.	0.	0.
265	DEAD	0.	0.	0.	0.	0.	0.
265	G1	0.	0.	0.3	0.	0.	0.
265	G2	0.	0.	0.063	0.	0.	0.
265	Qm	0.	0.	0.269	0.	0.	0.
265	Qs	0.	0.	0.019	0.	0.	0.
265	T+	1.222E-15	1.110E-14	0.	0.	0.	0.
265	T-	-1.222E-15	-1.110E-14	0.	0.	0.	0.
265	W	0.	0.	-0.071	0.	0.	0.
265	Qm-1	0.	0.	0.29	0.	0.	0.
265	Qm-2	0.	0.	0.024	0.	0.	0.
266	DEAD	0.	0.	0.	0.	0.	0.
266	G1	0.	0.	0.15	0.	0.	0.
266	G2	0.	0.	0.032	0.	0.	0.
266	Qm	0.	0.	0.137	0.	0.	0.
266	Qs	0.	0.	9.600E-03	0.	0.	0.
266	T+	8.242E-16	177.053	0.	0.	0.	0.
266	T-	-8.242E-16	-177.053	0.	0.	0.	0.

Table 25: Joint Reactions

Joint	OutputCase	F1	F2	F3	M1	M2	M3
		KN	KN	KN	KN-mm	KN-mm	KN-mm
266	W	0.	0.	-0.037	0.	0.	0.
266	Qm-1	0.	0.	0.148	0.	0.	0.
266	Qm-2	0.	0.	0.012	0.	0.	0.
267	DEAD	0.	0.	0.	0.	0.	0.
267	G1	0.	0.	0.15	0.	0.	0.
267	G2	0.	0.	0.013	0.	0.	0.
267	Qm	0.	0.	0.074	0.	0.	0.
267	Qs	0.	0.	9.600E-03	0.	0.	0.
267	T+	1.946E-16	-177.053	0.	0.	0.	0.
267	T-	-1.946E-16	177.053	0.	0.	0.	0.
267	W	0.	0.	0.014	0.	0.	0.
267	Qm-1	0.	0.	0.089	0.	0.	0.
267	Qm-2	0.	0.	0.017	0.	0.	0.
268	DEAD	0.	0.	0.	0.	0.	0.
268	G1	0.	0.	0.3	0.	0.	0.
268	G2	0.	0.	0.028	0.	0.	0.
268	Qm	0.	0.	0.153	0.	0.	0.
268	Qs	0.	0.	0.019	0.	0.	0.
268	T+	1.866E-14	5.407E-15	0.	0.	0.	0.
268	T-	-1.866E-14	-5.407E-15	0.	0.	0.	0.
268	W	0.	0.	0.025	0.	0.	0.
268	Qm-1	0.	0.	0.182	0.	0.	0.
268	Qm-2	0.	0.	0.033	0.	0.	0.
269	DEAD	0.	0.	0.	0.	0.	0.
269	G1	0.	0.	0.3	0.	0.	0.
269	G2	0.	0.	0.03	0.	0.	0.
269	Qm	0.	0.	0.158	0.	0.	0.
269	Qs	0.	0.	0.019	0.	0.	0.
269	T+	6.043E-15	8.852E-15	0.	0.	0.	0.
269	T-	-6.043E-15	-8.852E-15	0.	0.	0.	0.
269	W	0.	0.	0.021	0.	0.	0.
269	Qm-1	0.	0.	0.187	0.	0.	0.
269	Qm-2	0.	0.	0.032	0.	0.	0.
270	DEAD	0.	0.	0.	0.	0.	0.
270	G1	0.	0.	0.3	0.	0.	0.
270	G2	0.	0.	0.031	0.	0.	0.
270	Qm	0.	0.	0.163	0.	0.	0.
270	Qs	0.	0.	0.019	0.	0.	0.
270	T+	-7.787E-15	1.681E-14	0.	0.	0.	0.
270	T-	7.787E-15	-1.681E-14	0.	0.	0.	0.
270	W	0.	0.	0.017	0.	0.	0.
270	Qm-1	0.	0.	0.192	0.	0.	0.
270	Qm-2	0.	0.	0.032	0.	0.	0.
271	DEAD	0.	0.	0.	0.	0.	0.
271	G1	0.	0.	0.3	0.	0.	0.
271	G2	0.	0.	0.033	0.	0.	0.
271	Qm	0.	0.	0.168	0.	0.	0.
271	Qs	0.	0.	0.019	0.	0.	0.
271	T+	2.340E-14	-1.392E-14	0.	0.	0.	0.
271	T-	-2.340E-14	1.392E-14	0.	0.	0.	0.
271	W	0.	0.	0.013	0.	0.	0.
271	Qm-1	0.	0.	0.196	0.	0.	0.
271	Qm-2	0.	0.	0.032	0.	0.	0.
272	DEAD	0.	0.	0.	0.	0.	0.

Table 25: Joint Reactions

Joint	OutputCase	F1	F2	F3	M1	M2	M3
		KN	KN	KN	KN-mm	KN-mm	KN-mm
272	G1	0.	0.	0.3	0.	0.	0.
272	G2	0.	0.	0.034	0.	0.	0.
272	Qm	0.	0.	0.173	0.	0.	0.
272	Qs	0.	0.	0.019	0.	0.	0.
272	T+	5.882E-15	1.614E-14	0.	0.	0.	0.
272	T-	-5.882E-15	-1.614E-14	0.	0.	0.	0.
272	W	0.	0.	9.568E-03	0.	0.	0.
272	Qm-1	0.	0.	0.201	0.	0.	0.
272	Qm-2	0.	0.	0.031	0.	0.	0.
273	DEAD	0.	0.	0.	0.	0.	0.
273	G1	0.	0.	0.3	0.	0.	0.
273	G2	0.	0.	0.036	0.	0.	0.
273	Qm	0.	0.	0.178	0.	0.	0.
273	Qs	0.	0.	0.019	0.	0.	0.
273	T+	-2.174E-14	-6.134E-15	0.	0.	0.	0.
273	T-	2.174E-14	6.134E-15	0.	0.	0.	0.
273	W	0.	0.	5.743E-03	0.	0.	0.
273	Qm-1	0.	0.	0.206	0.	0.	0.
273	Qm-2	0.	0.	0.031	0.	0.	0.
274	DEAD	0.	0.	0.	0.	0.	0.
274	G1	0.	0.	0.3	0.	0.	0.
274	G2	0.	0.	0.037	0.	0.	0.
274	Qm	0.	0.	0.183	0.	0.	0.
274	Qs	0.	0.	0.019	0.	0.	0.
274	T+	3.039E-14	8.533E-15	0.	0.	0.	0.
274	T-	-3.039E-14	-8.533E-15	0.	0.	0.	0.
274	W	0.	0.	1.919E-03	0.	0.	0.
274	Qm-1	0.	0.	0.21	0.	0.	0.
274	Qm-2	0.	0.	0.03	0.	0.	0.
275	DEAD	0.	0.	0.	0.	0.	0.
275	G1	0.	0.	0.3	0.	0.	0.
275	G2	0.	0.	0.039	0.	0.	0.
275	Qm	0.	0.	0.188	0.	0.	0.
275	Qs	0.	0.	0.019	0.	0.	0.
275	T+	-1.074E-14	-1.246E-14	0.	0.	0.	0.
275	T-	1.074E-14	1.246E-14	0.	0.	0.	0.
275	W	0.	0.	-1.906E-03	0.	0.	0.
275	Qm-1	0.	0.	0.215	0.	0.	0.
275	Qm-2	0.	0.	0.03	0.	0.	0.
276	DEAD	0.	0.	0.	0.	0.	0.
276	G1	0.	0.	0.3	0.	0.	0.
276	G2	0.	0.	0.04	0.	0.	0.
276	Qm	0.	0.	0.193	0.	0.	0.
276	Qs	0.	0.	0.019	0.	0.	0.
276	T+	-3.290E-15	-1.700E-15	0.	0.	0.	0.
276	T-	3.290E-15	1.700E-15	0.	0.	0.	0.
276	W	0.	0.	-5.731E-03	0.	0.	0.
276	Qm-1	0.	0.	0.22	0.	0.	0.
276	Qm-2	0.	0.	0.03	0.	0.	0.
277	DEAD	0.	0.	0.	0.	0.	0.
277	G1	0.	0.	0.3	0.	0.	0.
277	G2	0.	0.	0.042	0.	0.	0.
277	Qm	0.	0.	0.198	0.	0.	0.
277	Qs	0.	0.	0.019	0.	0.	0.

Table 25: Joint Reactions

Joint	OutputCase	F1	F2	F3	M1	M2	M3
		KN	KN	KN	KN-mm	KN-mm	KN-mm
277	T+	1.709E-14	4.241E-15	0.	0.	0.	0.
277	T-	-1.709E-14	-4.241E-15	0.	0.	0.	0.
277	W	0.	0.	-9.557E-03	0.	0.	0.
277	Qm-1	0.	0.	0.224	0.	0.	0.
277	Qm-2	0.	0.	0.029	0.	0.	0.
278	DEAD	0.	0.	0.	0.	0.	0.
278	G1	0.	0.	0.3	0.	0.	0.
278	G2	0.	0.	0.043	0.	0.	0.
278	Qm	0.	0.	0.203	0.	0.	0.
278	Qs	0.	0.	0.019	0.	0.	0.
278	T+	2.652E-14	-2.412E-15	0.	0.	0.	0.
278	T-	-2.652E-14	2.412E-15	0.	0.	0.	0.
278	W	0.	0.	-0.013	0.	0.	0.
278	Qm-1	0.	0.	0.229	0.	0.	0.
278	Qm-2	0.	0.	0.029	0.	0.	0.
279	DEAD	0.	0.	0.	0.	0.	0.
279	G1	0.	0.	0.3	0.	0.	0.
279	G2	0.	0.	0.045	0.	0.	0.
279	Qm	0.	0.	0.208	0.	0.	0.
279	Qs	0.	0.	0.019	0.	0.	0.
279	T+	1.061E-15	1.737E-15	0.	0.	0.	0.
279	T-	-1.061E-15	-1.737E-15	0.	0.	0.	0.
279	W	0.	0.	-0.017	0.	0.	0.
279	Qm-1	0.	0.	0.234	0.	0.	0.
279	Qm-2	0.	0.	0.028	0.	0.	0.
280	DEAD	0.	0.	0.	0.	0.	0.
280	G1	0.	0.	0.3	0.	0.	0.
280	G2	0.	0.	0.046	0.	0.	0.
280	Qm	0.	0.	0.213	0.	0.	0.
280	Qs	0.	0.	0.019	0.	0.	0.
280	T+	1.797E-14	2.343E-14	0.	0.	0.	0.
280	T-	-1.797E-14	-2.343E-14	0.	0.	0.	0.
280	W	0.	0.	-0.021	0.	0.	0.
280	Qm-1	0.	0.	0.238	0.	0.	0.
280	Qm-2	0.	0.	0.028	0.	0.	0.
281	DEAD	0.	0.	0.	0.	0.	0.
281	G1	0.	0.	0.3	0.	0.	0.
281	G2	0.	0.	0.048	0.	0.	0.
281	Qm	0.	0.	0.218	0.	0.	0.
281	Qs	0.	0.	0.019	0.	0.	0.
281	T+	-1.791E-14	-1.009E-14	0.	0.	0.	0.
281	T-	1.791E-14	1.009E-14	0.	0.	0.	0.
281	W	0.	0.	-0.025	0.	0.	0.
281	Qm-1	0.	0.	0.243	0.	0.	0.
281	Qm-2	0.	0.	0.028	0.	0.	0.
282	DEAD	0.	0.	0.	0.	0.	0.
282	G1	0.	0.	0.3	0.	0.	0.
282	G2	0.	0.	0.049	0.	0.	0.
282	Qm	0.	0.	0.223	0.	0.	0.
282	Qs	0.	0.	0.019	0.	0.	0.
282	T+	-9.353E-16	-6.916E-15	0.	0.	0.	0.
282	T-	9.353E-16	6.916E-15	0.	0.	0.	0.
282	W	0.	0.	-0.029	0.	0.	0.
282	Qm-1	0.	0.	0.248	0.	0.	0.

Table 25: Joint Reactions

Joint	OutputCase	F1	F2	F3	M1	M2	M3
		KN	KN	KN	KN-mm	KN-mm	KN-mm
282	Qm-2	0.	0.	0.027	0.	0.	0.
283	DEAD	0.	0.	0.	0.	0.	0.
283	G1	0.	0.	0.3	0.	0.	0.
283	G2	0.	0.	0.051	0.	0.	0.
283	Qm	0.	0.	0.228	0.	0.	0.
283	Qs	0.	0.	0.019	0.	0.	0.
283	T+	-1.442E-14	-7.318E-15	0.	0.	0.	0.
283	T-	1.442E-14	7.318E-15	0.	0.	0.	0.
283	W	0.	0.	-0.033	0.	0.	0.
283	Qm-1	0.	0.	0.252	0.	0.	0.
283	Qm-2	0.	0.	0.027	0.	0.	0.
284	DEAD	0.	0.	0.	0.	0.	0.
284	G1	0.	0.	0.3	0.	0.	0.
284	G2	0.	0.	0.053	0.	0.	0.
284	Qm	0.	0.	0.233	0.	0.	0.
284	Qs	0.	0.	0.019	0.	0.	0.
284	T+	3.370E-16	6.591E-15	0.	0.	0.	0.
284	T-	-3.370E-16	-6.591E-15	0.	0.	0.	0.
284	W	0.	0.	-0.036	0.	0.	0.
284	Qm-1	0.	0.	0.257	0.	0.	0.
284	Qm-2	0.	0.	0.026	0.	0.	0.
285	DEAD	0.	0.	0.	0.	0.	0.
285	G1	0.	0.	0.3	0.	0.	0.
285	G2	0.	0.	0.054	0.	0.	0.
285	Qm	0.	0.	0.238	0.	0.	0.
285	Qs	0.	0.	0.019	0.	0.	0.
285	T+	-1.421E-14	9.552E-15	0.	0.	0.	0.
285	T-	1.421E-14	-9.552E-15	0.	0.	0.	0.
285	W	0.	0.	-0.04	0.	0.	0.
285	Qm-1	0.	0.	0.262	0.	0.	0.
285	Qm-2	0.	0.	0.026	0.	0.	0.
286	DEAD	0.	0.	0.	0.	0.	0.
286	G1	0.	0.	0.3	0.	0.	0.
286	G2	0.	0.	0.056	0.	0.	0.
286	Qm	0.	0.	0.243	0.	0.	0.
286	Qs	0.	0.	0.019	0.	0.	0.
286	T+	1.982E-14	-1.213E-14	0.	0.	0.	0.
286	T-	-1.982E-14	1.213E-14	0.	0.	0.	0.
286	W	0.	0.	-0.044	0.	0.	0.
286	Qm-1	0.	0.	0.266	0.	0.	0.
286	Qm-2	0.	0.	0.026	0.	0.	0.
287	DEAD	0.	0.	0.	0.	0.	0.
287	G1	0.	0.	0.3	0.	0.	0.
287	G2	0.	0.	0.057	0.	0.	0.
287	Qm	0.	0.	0.248	0.	0.	0.
287	Qs	0.	0.	0.019	0.	0.	0.
287	T+	2.012E-14	1.222E-14	0.	0.	0.	0.
287	T-	-2.012E-14	-1.222E-14	0.	0.	0.	0.
287	W	0.	0.	-0.048	0.	0.	0.
287	Qm-1	0.	0.	0.271	0.	0.	0.
287	Qm-2	0.	0.	0.025	0.	0.	0.
288	DEAD	0.	0.	0.	0.	0.	0.
288	G1	0.	0.	0.3	0.	0.	0.
288	G2	0.	0.	0.059	0.	0.	0.

Table 25: Joint Reactions

Joint	OutputCase	F1	F2	F3	M1	M2	M3
		KN	KN	KN	KN-mm	KN-mm	KN-mm
288	Qm	0.	0.	0.253	0.	0.	0.
288	Qs	0.	0.	0.019	0.	0.	0.
288	T+	1.858E-14	1.884E-14	0.	0.	0.	0.
288	T-	-1.858E-14	-1.884E-14	0.	0.	0.	0.
288	W	0.	0.	-0.052	0.	0.	0.
288	Qm-1	0.	0.	0.276	0.	0.	0.
288	Qm-2	0.	0.	0.025	0.	0.	0.
289	DEAD	0.	0.	0.	0.	0.	0.
289	G1	0.	0.	0.3	0.	0.	0.
289	G2	0.	0.	0.06	0.	0.	0.
289	Qm	0.	0.	0.258	0.	0.	0.
289	Qs	0.	0.	0.019	0.	0.	0.
289	T+	2.540E-14	-8.297E-15	0.	0.	0.	0.
289	T-	-2.540E-14	8.297E-15	0.	0.	0.	0.
289	W	0.	0.	-0.056	0.	0.	0.
289	Qm-1	0.	0.	0.28	0.	0.	0.
289	Qm-2	0.	0.	0.024	0.	0.	0.
290	DEAD	0.	0.	0.	0.	0.	0.
290	G1	0.	0.	0.3	0.	0.	0.
290	G2	0.	0.	0.062	0.	0.	0.
290	Qm	0.	0.	0.263	0.	0.	0.
290	Qs	0.	0.	0.019	0.	0.	0.
290	T+	-2.632E-14	-2.448E-14	0.	0.	0.	0.
290	T-	2.632E-14	2.448E-14	0.	0.	0.	0.
290	W	0.	0.	-0.059	0.	0.	0.
290	Qm-1	0.	0.	0.285	0.	0.	0.
290	Qm-2	0.	0.	0.024	0.	0.	0.
291	DEAD	0.	0.	0.	0.	0.	0.
291	G1	0.	0.	0.3	0.	0.	0.
291	G2	0.	0.	0.063	0.	0.	0.
291	Qm	0.	0.	0.268	0.	0.	0.
291	Qs	0.	0.	0.019	0.	0.	0.
291	T+	5.581E-16	1.356E-14	0.	0.	0.	0.
291	T-	-5.581E-16	-1.356E-14	0.	0.	0.	0.
291	W	0.	0.	-0.063	0.	0.	0.
291	Qm-1	0.	0.	0.29	0.	0.	0.
291	Qm-2	0.	0.	0.024	0.	0.	0.
292	DEAD	0.	0.	0.	0.	0.	0.
292	G1	0.	0.	0.15	0.	0.	0.
292	G2	0.	0.	0.032	0.	0.	0.
292	Qm	0.	0.	0.137	0.	0.	0.
292	Qs	0.	0.	9.600E-03	0.	0.	0.
292	T+	-9.876E-16	177.053	0.	0.	0.	0.
292	T-	9.876E-16	-177.053	0.	0.	0.	0.
292	W	0.	0.	-0.034	0.	0.	0.
292	Qm-1	0.	0.	0.147	0.	0.	0.
292	Qm-2	0.	0.	0.012	0.	0.	0.
293	DEAD	0.	0.	0.	0.	0.	0.
293	G1	0.	0.	0.15	0.	0.	0.
293	G2	0.	0.	0.013	0.	0.	0.
293	Qm	0.	0.	0.074	0.	0.	0.
293	Qs	0.	0.	9.600E-03	0.	0.	0.
293	T+	9.515E-16	-177.053	0.	0.	0.	0.
293	T-	-9.515E-16	177.053	0.	0.	0.	0.

Table 25: Joint Reactions

Joint	OutputCase	F1	F2	F3	M1	M2	M3
		KN	KN	KN	KN-mm	KN-mm	KN-mm
293	W	0.	0.	0.018	0.	0.	0.
293	Qm-1	0.	0.	0.088	0.	0.	0.
293	Qm-2	0.	0.	0.017	0.	0.	0.
294	DEAD	0.	0.	0.	0.	0.	0.
294	G1	0.	0.	0.3	0.	0.	0.
294	G2	0.	0.	0.028	0.	0.	0.
294	Qm	0.	0.	0.152	0.	0.	0.
294	Qs	0.	0.	0.019	0.	0.	0.
294	T+	1.068E-14	7.660E-15	0.	0.	0.	0.
294	T-	-1.068E-14	-7.660E-15	0.	0.	0.	0.
294	W	0.	0.	0.033	0.	0.	0.
294	Qm-1	0.	0.	0.182	0.	0.	0.
294	Qm-2	0.	0.	0.033	0.	0.	0.
295	DEAD	0.	0.	0.	0.	0.	0.
295	G1	0.	0.	0.3	0.	0.	0.
295	G2	0.	0.	0.03	0.	0.	0.
295	Qm	0.	0.	0.157	0.	0.	0.
295	Qs	0.	0.	0.019	0.	0.	0.
295	T+	2.008E-14	1.928E-14	0.	0.	0.	0.
295	T-	-2.008E-14	-1.928E-14	0.	0.	0.	0.
295	W	0.	0.	0.029	0.	0.	0.
295	Qm-1	0.	0.	0.186	0.	0.	0.
295	Qm-2	0.	0.	0.032	0.	0.	0.
296	DEAD	0.	0.	0.	0.	0.	0.
296	G1	0.	0.	0.3	0.	0.	0.
296	G2	0.	0.	0.031	0.	0.	0.
296	Qm	0.	0.	0.162	0.	0.	0.
296	Qs	0.	0.	0.019	0.	0.	0.
296	T+	-5.248E-15	9.846E-15	0.	0.	0.	0.
296	T-	5.248E-15	-9.846E-15	0.	0.	0.	0.
296	W	0.	0.	0.025	0.	0.	0.
296	Qm-1	0.	0.	0.191	0.	0.	0.
296	Qm-2	0.	0.	0.032	0.	0.	0.
297	DEAD	0.	0.	0.	0.	0.	0.
297	G1	0.	0.	0.3	0.	0.	0.
297	G2	0.	0.	0.033	0.	0.	0.
297	Qm	0.	0.	0.167	0.	0.	0.
297	Qs	0.	0.	0.019	0.	0.	0.
297	T+	-2.199E-14	-1.131E-14	0.	0.	0.	0.
297	T-	2.199E-14	1.131E-14	0.	0.	0.	0.
297	W	0.	0.	0.021	0.	0.	0.
297	Qm-1	0.	0.	0.196	0.	0.	0.
297	Qm-2	0.	0.	0.032	0.	0.	0.
298	DEAD	0.	0.	0.	0.	0.	0.
298	G1	0.	0.	0.3	0.	0.	0.
298	G2	0.	0.	0.034	0.	0.	0.
298	Qm	0.	0.	0.172	0.	0.	0.
298	Qs	0.	0.	0.019	0.	0.	0.
298	T+	-2.185E-14	-4.784E-15	0.	0.	0.	0.
298	T-	2.185E-14	4.784E-15	0.	0.	0.	0.
298	W	0.	0.	0.017	0.	0.	0.
298	Qm-1	0.	0.	0.2	0.	0.	0.
298	Qm-2	0.	0.	0.031	0.	0.	0.
299	DEAD	0.	0.	0.	0.	0.	0.

Table 25: Joint Reactions

Joint	OutputCase	F1	F2	F3	M1	M2	M3
		KN	KN	KN	KN-mm	KN-mm	KN-mm
299	G1	0.	0.	0.3	0.	0.	0.
299	G2	0.	0.	0.036	0.	0.	0.
299	Qm	0.	0.	0.177	0.	0.	0.
299	Qs	0.	0.	0.019	0.	0.	0.
299	T+	3.521E-14	-8.632E-15	0.	0.	0.	0.
299	T-	-3.521E-14	8.632E-15	0.	0.	0.	0.
299	W	0.	0.	0.013	0.	0.	0.
299	Qm-1	0.	0.	0.205	0.	0.	0.
299	Qm-2	0.	0.	0.031	0.	0.	0.
300	DEAD	0.	0.	0.	0.	0.	0.
300	G1	0.	0.	0.3	0.	0.	0.
300	G2	0.	0.	0.037	0.	0.	0.
300	Qm	0.	0.	0.182	0.	0.	0.
300	Qs	0.	0.	0.019	0.	0.	0.
300	T+	-5.899E-15	-1.954E-14	0.	0.	0.	0.
300	T-	5.899E-15	1.954E-14	0.	0.	0.	0.
300	W	0.	0.	9.573E-03	0.	0.	0.
300	Qm-1	0.	0.	0.21	0.	0.	0.
300	Qm-2	0.	0.	0.03	0.	0.	0.
301	DEAD	0.	0.	0.	0.	0.	0.
301	G1	0.	0.	0.3	0.	0.	0.
301	G2	0.	0.	0.039	0.	0.	0.
301	Qm	0.	0.	0.187	0.	0.	0.
301	Qs	0.	0.	0.019	0.	0.	0.
301	T+	1.069E-15	1.004E-14	0.	0.	0.	0.
301	T-	-1.069E-15	-1.004E-14	0.	0.	0.	0.
301	W	0.	0.	5.748E-03	0.	0.	0.
301	Qm-1	0.	0.	0.214	0.	0.	0.
301	Qm-2	0.	0.	0.03	0.	0.	0.
302	DEAD	0.	0.	0.	0.	0.	0.
302	G1	0.	0.	0.3	0.	0.	0.
302	G2	0.	0.	0.04	0.	0.	0.
302	Qm	0.	0.	0.192	0.	0.	0.
302	Qs	0.	0.	0.019	0.	0.	0.
302	T+	-9.860E-15	-2.472E-14	0.	0.	0.	0.
302	T-	9.860E-15	2.472E-14	0.	0.	0.	0.
302	W	0.	0.	1.922E-03	0.	0.	0.
302	Qm-1	0.	0.	0.219	0.	0.	0.
302	Qm-2	0.	0.	0.03	0.	0.	0.
303	DEAD	0.	0.	0.	0.	0.	0.
303	G1	0.	0.	0.3	0.	0.	0.
303	G2	0.	0.	0.042	0.	0.	0.
303	Qm	0.	0.	0.197	0.	0.	0.
303	Qs	0.	0.	0.019	0.	0.	0.
303	T+	-3.148E-14	2.259E-14	0.	0.	0.	0.
303	T-	3.148E-14	-2.259E-14	0.	0.	0.	0.
303	W	0.	0.	-1.903E-03	0.	0.	0.
303	Qm-1	0.	0.	0.224	0.	0.	0.
303	Qm-2	0.	0.	0.029	0.	0.	0.
304	DEAD	0.	0.	0.	0.	0.	0.
304	G1	0.	0.	0.3	0.	0.	0.
304	G2	0.	0.	0.043	0.	0.	0.
304	Qm	0.	0.	0.202	0.	0.	0.
304	Qs	0.	0.	0.019	0.	0.	0.

Table 25: Joint Reactions

Joint	OutputCase	F1	F2	F3	M1	M2	M3
		KN	KN	KN	KN-mm	KN-mm	KN-mm
304	T+	-4.250E-14	3.846E-15	0.	0.	0.	0.
304	T-	4.250E-14	-3.846E-15	0.	0.	0.	0.
304	W	0.	0.	-5.729E-03	0.	0.	0.
304	Qm-1	0.	0.	0.228	0.	0.	0.
304	Qm-2	0.	0.	0.029	0.	0.	0.
305	DEAD	0.	0.	0.	0.	0.	0.
305	G1	0.	0.	0.3	0.	0.	0.
305	G2	0.	0.	0.045	0.	0.	0.
305	Qm	0.	0.	0.207	0.	0.	0.
305	Qs	0.	0.	0.019	0.	0.	0.
305	T+	-1.545E-15	-1.964E-15	0.	0.	0.	0.
305	T-	1.545E-15	1.964E-15	0.	0.	0.	0.
305	W	0.	0.	-9.555E-03	0.	0.	0.
305	Qm-1	0.	0.	0.233	0.	0.	0.
305	Qm-2	0.	0.	0.028	0.	0.	0.
306	DEAD	0.	0.	0.	0.	0.	0.
306	G1	0.	0.	0.3	0.	0.	0.
306	G2	0.	0.	0.046	0.	0.	0.
306	Qm	0.	0.	0.212	0.	0.	0.
306	Qs	0.	0.	0.019	0.	0.	0.
306	T+	1.411E-14	1.713E-14	0.	0.	0.	0.
306	T-	-1.411E-14	-1.713E-14	0.	0.	0.	0.
306	W	0.	0.	-0.013	0.	0.	0.
306	Qm-1	0.	0.	0.238	0.	0.	0.
306	Qm-2	0.	0.	0.028	0.	0.	0.
307	DEAD	0.	0.	0.	0.	0.	0.
307	G1	0.	0.	0.3	0.	0.	0.
307	G2	0.	0.	0.048	0.	0.	0.
307	Qm	0.	0.	0.217	0.	0.	0.
307	Qs	0.	0.	0.019	0.	0.	0.
307	T+	1.569E-14	-2.007E-14	0.	0.	0.	0.
307	T-	-1.569E-14	2.007E-14	0.	0.	0.	0.
307	W	0.	0.	-0.017	0.	0.	0.
307	Qm-1	0.	0.	0.242	0.	0.	0.
307	Qm-2	0.	0.	0.028	0.	0.	0.
308	DEAD	0.	0.	0.	0.	0.	0.
308	G1	0.	0.	0.3	0.	0.	0.
308	G2	0.	0.	0.049	0.	0.	0.
308	Qm	0.	0.	0.222	0.	0.	0.
308	Qs	0.	0.	0.019	0.	0.	0.
308	T+	1.955E-15	1.779E-14	0.	0.	0.	0.
308	T-	-1.955E-15	-1.779E-14	0.	0.	0.	0.
308	W	0.	0.	-0.021	0.	0.	0.
308	Qm-1	0.	0.	0.247	0.	0.	0.
308	Qm-2	0.	0.	0.027	0.	0.	0.
309	DEAD	0.	0.	0.	0.	0.	0.
309	G1	0.	0.	0.3	0.	0.	0.
309	G2	0.	0.	0.051	0.	0.	0.
309	Qm	0.	0.	0.227	0.	0.	0.
309	Qs	0.	0.	0.019	0.	0.	0.
309	T+	-1.626E-14	1.266E-14	0.	0.	0.	0.
309	T-	1.626E-14	-1.266E-14	0.	0.	0.	0.
309	W	0.	0.	-0.025	0.	0.	0.
309	Qm-1	0.	0.	0.252	0.	0.	0.

Table 25: Joint Reactions

Joint	OutputCase	F1	F2	F3	M1	M2	M3
		KN	KN	KN	KN-mm	KN-mm	KN-mm
309	Qm-2	0.	0.	0.027	0.	0.	0.
310	DEAD	0.	0.	0.	0.	0.	0.
310	G1	0.	0.	0.3	0.	0.	0.
310	G2	0.	0.	0.053	0.	0.	0.
310	Qm	0.	0.	0.232	0.	0.	0.
310	Qs	0.	0.	0.019	0.	0.	0.
310	T+	1.201E-15	-8.631E-15	0.	0.	0.	0.
310	T-	-1.201E-15	8.631E-15	0.	0.	0.	0.
310	W	0.	0.	-0.029	0.	0.	0.
310	Qm-1	0.	0.	0.256	0.	0.	0.
310	Qm-2	0.	0.	0.026	0.	0.	0.
311	DEAD	0.	0.	0.	0.	0.	0.
311	G1	0.	0.	0.3	0.	0.	0.
311	G2	0.	0.	0.054	0.	0.	0.
311	Qm	0.	0.	0.237	0.	0.	0.
311	Qs	0.	0.	0.019	0.	0.	0.
311	T+	-7.750E-16	1.814E-14	0.	0.	0.	0.
311	T-	7.750E-16	-1.814E-14	0.	0.	0.	0.
311	W	0.	0.	-0.033	0.	0.	0.
311	Qm-1	0.	0.	0.261	0.	0.	0.
311	Qm-2	0.	0.	0.026	0.	0.	0.
312	DEAD	0.	0.	0.	0.	0.	0.
312	G1	0.	0.	0.3	0.	0.	0.
312	G2	0.	0.	0.056	0.	0.	0.
312	Qm	0.	0.	0.242	0.	0.	0.
312	Qs	0.	0.	0.019	0.	0.	0.
312	T+	-1.710E-14	-1.759E-14	0.	0.	0.	0.
312	T-	1.710E-14	1.759E-14	0.	0.	0.	0.
312	W	0.	0.	-0.036	0.	0.	0.
312	Qm-1	0.	0.	0.266	0.	0.	0.
312	Qm-2	0.	0.	0.026	0.	0.	0.
313	DEAD	0.	0.	0.	0.	0.	0.
313	G1	0.	0.	0.3	0.	0.	0.
313	G2	0.	0.	0.057	0.	0.	0.
313	Qm	0.	0.	0.247	0.	0.	0.
313	Qs	0.	0.	0.019	0.	0.	0.
313	T+	-2.422E-14	1.453E-14	0.	0.	0.	0.
313	T-	2.422E-14	-1.453E-14	0.	0.	0.	0.
313	W	0.	0.	-0.04	0.	0.	0.
313	Qm-1	0.	0.	0.27	0.	0.	0.
313	Qm-2	0.	0.	0.025	0.	0.	0.
314	DEAD	0.	0.	0.	0.	0.	0.
314	G1	0.	0.	0.3	0.	0.	0.
314	G2	0.	0.	0.059	0.	0.	0.
314	Qm	0.	0.	0.252	0.	0.	0.
314	Qs	0.	0.	0.019	0.	0.	0.
314	T+	-3.412E-14	-1.338E-14	0.	0.	0.	0.
314	T-	3.412E-14	1.338E-14	0.	0.	0.	0.
314	W	0.	0.	-0.044	0.	0.	0.
314	Qm-1	0.	0.	0.275	0.	0.	0.
314	Qm-2	0.	0.	0.025	0.	0.	0.
315	DEAD	0.	0.	0.	0.	0.	0.
315	G1	0.	0.	0.3	0.	0.	0.
315	G2	0.	0.	0.06	0.	0.	0.

Table 25: Joint Reactions

Joint	OutputCase	F1	F2	F3	M1	M2	M3
		KN	KN	KN	KN-mm	KN-mm	KN-mm
315	Qm	0.	0.	0.257	0.	0.	0.
315	Qs	0.	0.	0.019	0.	0.	0.
315	T+	-5.240E-14	-1.489E-14	0.	0.	0.	0.
315	T-	5.240E-14	1.489E-14	0.	0.	0.	0.
315	W	0.	0.	-0.048	0.	0.	0.
315	Qm-1	0.	0.	0.28	0.	0.	0.
315	Qm-2	0.	0.	0.024	0.	0.	0.
316	DEAD	0.	0.	0.	0.	0.	0.
316	G1	0.	0.	0.3	0.	0.	0.
316	G2	0.	0.	0.062	0.	0.	0.
316	Qm	0.	0.	0.262	0.	0.	0.
316	Qs	0.	0.	0.019	0.	0.	0.
316	T+	1.500E-14	2.554E-15	0.	0.	0.	0.
316	T-	-1.500E-14	-2.554E-15	0.	0.	0.	0.
316	W	0.	0.	-0.052	0.	0.	0.
316	Qm-1	0.	0.	0.284	0.	0.	0.
316	Qm-2	0.	0.	0.024	0.	0.	0.
317	DEAD	0.	0.	0.	0.	0.	0.
317	G1	0.	0.	0.3	0.	0.	0.
317	G2	0.	0.	0.063	0.	0.	0.
317	Qm	0.	0.	0.267	0.	0.	0.
317	Qs	0.	0.	0.019	0.	0.	0.
317	T+	-1.606E-15	-1.972E-14	0.	0.	0.	0.
317	T-	1.606E-15	1.972E-14	0.	0.	0.	0.
317	W	0.	0.	-0.056	0.	0.	0.
317	Qm-1	0.	0.	0.289	0.	0.	0.
317	Qm-2	0.	0.	0.024	0.	0.	0.
318	DEAD	0.	0.	0.	0.	0.	0.
318	G1	0.	0.	0.15	0.	0.	0.
318	G2	0.	0.	0.032	0.	0.	0.
318	Qm	0.	0.	0.136	0.	0.	0.
318	Qs	0.	0.	9.600E-03	0.	0.	0.
318	T+	3.739E-16	177.053	0.	0.	0.	0.
318	T-	-3.739E-16	-177.053	0.	0.	0.	0.
318	W	0.	0.	-0.03	0.	0.	0.
318	Qm-1	0.	0.	0.147	0.	0.	0.
318	Qm-2	0.	0.	0.012	0.	0.	0.
319	DEAD	0.	0.	0.	0.	0.	0.
319	G1	0.	0.	0.15	0.	0.	0.
319	G2	0.	0.	0.013	0.	0.	0.
319	Qm	0.	0.	0.073	0.	0.	0.
319	Qs	0.	0.	9.600E-03	0.	0.	0.
319	T+	-7.492E-16	-177.053	0.	0.	0.	0.
319	T-	7.492E-16	177.053	0.	0.	0.	0.
319	W	0.	0.	0.022	0.	0.	0.
319	Qm-1	0.	0.	0.088	0.	0.	0.
319	Qm-2	0.	0.	0.017	0.	0.	0.
320	DEAD	0.	0.	0.	0.	0.	0.
320	G1	0.	0.	0.3	0.	0.	0.
320	G2	0.	0.	0.028	0.	0.	0.
320	Qm	0.	0.	0.152	0.	0.	0.
320	Qs	0.	0.	0.019	0.	0.	0.
320	T+	1.810E-14	3.819E-15	0.	0.	0.	0.
320	T-	-1.810E-14	-3.819E-15	0.	0.	0.	0.

Table 25: Joint Reactions

Joint	OutputCase	F1	F2	F3	M1	M2	M3
		KN	KN	KN	KN-mm	KN-mm	KN-mm
320	W	0.	0.	0.04	0.	0.	0.
320	Qm-1	0.	0.	0.181	0.	0.	0.
320	Qm-2	0.	0.	0.033	0.	0.	0.
321	DEAD	0.	0.	0.	0.	0.	0.
321	G1	0.	0.	0.3	0.	0.	0.
321	G2	0.	0.	0.03	0.	0.	0.
321	Qm	0.	0.	0.157	0.	0.	0.
321	Qs	0.	0.	0.019	0.	0.	0.
321	T+	-5.969E-15	-5.724E-15	0.	0.	0.	0.
321	T-	5.969E-15	5.724E-15	0.	0.	0.	0.
321	W	0.	0.	0.036	0.	0.	0.
321	Qm-1	0.	0.	0.186	0.	0.	0.
321	Qm-2	0.	0.	0.032	0.	0.	0.
322	DEAD	0.	0.	0.	0.	0.	0.
322	G1	0.	0.	0.3	0.	0.	0.
322	G2	0.	0.	0.031	0.	0.	0.
322	Qm	0.	0.	0.162	0.	0.	0.
322	Qs	0.	0.	0.019	0.	0.	0.
322	T+	1.856E-14	3.342E-14	0.	0.	0.	0.
322	T-	-1.856E-14	-3.342E-14	0.	0.	0.	0.
322	W	0.	0.	0.033	0.	0.	0.
322	Qm-1	0.	0.	0.19	0.	0.	0.
322	Qm-2	0.	0.	0.032	0.	0.	0.
323	DEAD	0.	0.	0.	0.	0.	0.
323	G1	0.	0.	0.3	0.	0.	0.
323	G2	0.	0.	0.033	0.	0.	0.
323	Qm	0.	0.	0.167	0.	0.	0.
323	Qs	0.	0.	0.019	0.	0.	0.
323	T+	-5.519E-15	-1.916E-15	0.	0.	0.	0.
323	T-	5.519E-15	1.916E-15	0.	0.	0.	0.
323	W	0.	0.	0.029	0.	0.	0.
323	Qm-1	0.	0.	0.195	0.	0.	0.
323	Qm-2	0.	0.	0.032	0.	0.	0.
324	DEAD	0.	0.	0.	0.	0.	0.
324	G1	0.	0.	0.3	0.	0.	0.
324	G2	0.	0.	0.034	0.	0.	0.
324	Qm	0.	0.	0.172	0.	0.	0.
324	Qs	0.	0.	0.019	0.	0.	0.
324	T+	3.691E-14	-2.830E-14	0.	0.	0.	0.
324	T-	-3.691E-14	2.830E-14	0.	0.	0.	0.
324	W	0.	0.	0.025	0.	0.	0.
324	Qm-1	0.	0.	0.2	0.	0.	0.
324	Qm-2	0.	0.	0.031	0.	0.	0.
325	DEAD	0.	0.	0.	0.	0.	0.
325	G1	0.	0.	0.3	0.	0.	0.
325	G2	0.	0.	0.036	0.	0.	0.
325	Qm	0.	0.	0.177	0.	0.	0.
325	Qs	0.	0.	0.019	0.	0.	0.
325	T+	6.171E-15	-1.643E-14	0.	0.	0.	0.
325	T-	-6.171E-15	1.643E-14	0.	0.	0.	0.
325	W	0.	0.	0.021	0.	0.	0.
325	Qm-1	0.	0.	0.204	0.	0.	0.
325	Qm-2	0.	0.	0.031	0.	0.	0.
326	DEAD	0.	0.	0.	0.	0.	0.

Table 25: Joint Reactions

Joint	OutputCase	F1	F2	F3	M1	M2	M3
		KN	KN	KN	KN-mm	KN-mm	KN-mm
326	G1	0.	0.	0.3	0.	0.	0.
326	G2	0.	0.	0.037	0.	0.	0.
326	Qm	0.	0.	0.182	0.	0.	0.
326	Qs	0.	0.	0.019	0.	0.	0.
326	T+	-7.820E-15	3.145E-14	0.	0.	0.	0.
326	T-	7.820E-15	-3.145E-14	0.	0.	0.	0.
326	W	0.	0.	0.017	0.	0.	0.
326	Qm-1	0.	0.	0.209	0.	0.	0.
326	Qm-2	0.	0.	0.03	0.	0.	0.
327	DEAD	0.	0.	0.	0.	0.	0.
327	G1	0.	0.	0.3	0.	0.	0.
327	G2	0.	0.	0.039	0.	0.	0.
327	Qm	0.	0.	0.187	0.	0.	0.
327	Qs	0.	0.	0.019	0.	0.	0.
327	T+	1.255E-14	9.557E-15	0.	0.	0.	0.
327	T-	-1.255E-14	-9.557E-15	0.	0.	0.	0.
327	W	0.	0.	0.013	0.	0.	0.
327	Qm-1	0.	0.	0.214	0.	0.	0.
327	Qm-2	0.	0.	0.03	0.	0.	0.
328	DEAD	0.	0.	0.	0.	0.	0.
328	G1	0.	0.	0.3	0.	0.	0.
328	G2	0.	0.	0.04	0.	0.	0.
328	Qm	0.	0.	0.192	0.	0.	0.
328	Qs	0.	0.	0.019	0.	0.	0.
328	T+	3.777E-14	1.925E-14	0.	0.	0.	0.
328	T-	-3.777E-14	-1.925E-14	0.	0.	0.	0.
328	W	0.	0.	9.576E-03	0.	0.	0.
328	Qm-1	0.	0.	0.218	0.	0.	0.
328	Qm-2	0.	0.	0.03	0.	0.	0.
329	DEAD	0.	0.	0.	0.	0.	0.
329	G1	0.	0.	0.3	0.	0.	0.
329	G2	0.	0.	0.042	0.	0.	0.
329	Qm	0.	0.	0.197	0.	0.	0.
329	Qs	0.	0.	0.019	0.	0.	0.
329	T+	2.980E-15	-3.370E-14	0.	0.	0.	0.
329	T-	-2.980E-15	3.370E-14	0.	0.	0.	0.
329	W	0.	0.	5.751E-03	0.	0.	0.
329	Qm-1	0.	0.	0.223	0.	0.	0.
329	Qm-2	0.	0.	0.029	0.	0.	0.
330	DEAD	0.	0.	0.	0.	0.	0.
330	G1	0.	0.	0.3	0.	0.	0.
330	G2	0.	0.	0.043	0.	0.	0.
330	Qm	0.	0.	0.202	0.	0.	0.
330	Qs	0.	0.	0.019	0.	0.	0.
330	T+	1.613E-14	-9.084E-15	0.	0.	0.	0.
330	T-	-1.613E-14	9.084E-15	0.	0.	0.	0.
330	W	0.	0.	1.925E-03	0.	0.	0.
330	Qm-1	0.	0.	0.228	0.	0.	0.
330	Qm-2	0.	0.	0.029	0.	0.	0.
331	DEAD	0.	0.	0.	0.	0.	0.
331	G1	0.	0.	0.3	0.	0.	0.
331	G2	0.	0.	0.045	0.	0.	0.
331	Qm	0.	0.	0.207	0.	0.	0.
331	Qs	0.	0.	0.019	0.	0.	0.

Table 25: Joint Reactions

Joint	OutputCase	F1	F2	F3	M1	M2	M3
		KN	KN	KN	KN-mm	KN-mm	KN-mm
331	T+	1.436E-14	-6.892E-15	0.	0.	0.	0.
331	T-	-1.436E-14	6.892E-15	0.	0.	0.	0.
331	W	0.	0.	-1.902E-03	0.	0.	0.
331	Qm-1	0.	0.	0.232	0.	0.	0.
331	Qm-2	0.	0.	0.028	0.	0.	0.
332	DEAD	0.	0.	0.	0.	0.	0.
332	G1	0.	0.	0.3	0.	0.	0.
332	G2	0.	0.	0.046	0.	0.	0.
332	Qm	0.	0.	0.212	0.	0.	0.
332	Qs	0.	0.	0.019	0.	0.	0.
332	T+	-1.434E-14	9.009E-15	0.	0.	0.	0.
332	T-	1.434E-14	-9.009E-15	0.	0.	0.	0.
332	W	0.	0.	-5.728E-03	0.	0.	0.
332	Qm-1	0.	0.	0.237	0.	0.	0.
332	Qm-2	0.	0.	0.028	0.	0.	0.
333	DEAD	0.	0.	0.	0.	0.	0.
333	G1	0.	0.	0.3	0.	0.	0.
333	G2	0.	0.	0.048	0.	0.	0.
333	Qm	0.	0.	0.217	0.	0.	0.
333	Qs	0.	0.	0.019	0.	0.	0.
333	T+	-3.068E-15	5.417E-15	0.	0.	0.	0.
333	T-	3.068E-15	-5.417E-15	0.	0.	0.	0.
333	W	0.	0.	-9.556E-03	0.	0.	0.
333	Qm-1	0.	0.	0.242	0.	0.	0.
333	Qm-2	0.	0.	0.028	0.	0.	0.
334	DEAD	0.	0.	0.	0.	0.	0.
334	G1	0.	0.	0.3	0.	0.	0.
334	G2	0.	0.	0.049	0.	0.	0.
334	Qm	0.	0.	0.222	0.	0.	0.
334	Qs	0.	0.	0.019	0.	0.	0.
334	T+	3.337E-15	8.908E-15	0.	0.	0.	0.
334	T-	-3.337E-15	-8.908E-15	0.	0.	0.	0.
334	W	0.	0.	-0.013	0.	0.	0.
334	Qm-1	0.	0.	0.246	0.	0.	0.
334	Qm-2	0.	0.	0.027	0.	0.	0.
335	DEAD	0.	0.	0.	0.	0.	0.
335	G1	0.	0.	0.3	0.	0.	0.
335	G2	0.	0.	0.051	0.	0.	0.
335	Qm	0.	0.	0.227	0.	0.	0.
335	Qs	0.	0.	0.019	0.	0.	0.
335	T+	1.832E-15	1.664E-14	0.	0.	0.	0.
335	T-	-1.832E-15	-1.664E-14	0.	0.	0.	0.
335	W	0.	0.	-0.017	0.	0.	0.
335	Qm-1	0.	0.	0.251	0.	0.	0.
335	Qm-2	0.	0.	0.027	0.	0.	0.
336	DEAD	0.	0.	0.	0.	0.	0.
336	G1	0.	0.	0.3	0.	0.	0.
336	G2	0.	0.	0.053	0.	0.	0.
336	Qm	0.	0.	0.232	0.	0.	0.
336	Qs	0.	0.	0.019	0.	0.	0.
336	T+	5.831E-15	-1.999E-14	0.	0.	0.	0.
336	T-	-5.831E-15	1.999E-14	0.	0.	0.	0.
336	W	0.	0.	-0.021	0.	0.	0.
336	Qm-1	0.	0.	0.256	0.	0.	0.

Table 25: Joint Reactions

Joint	OutputCase	F1	F2	F3	M1	M2	M3
		KN	KN	KN	KN-mm	KN-mm	KN-mm
336	Qm-2	0.	0.	0.026	0.	0.	0.
337	DEAD	0.	0.	0.	0.	0.	0.
337	G1	0.	0.	0.3	0.	0.	0.
337	G2	0.	0.	0.054	0.	0.	0.
337	Qm	0.	0.	0.237	0.	0.	0.
337	Qs	0.	0.	0.019	0.	0.	0.
337	T+	3.372E-14	-5.835E-15	0.	0.	0.	0.
337	T-	-3.372E-14	5.835E-15	0.	0.	0.	0.
337	W	0.	0.	-0.025	0.	0.	0.
337	Qm-1	0.	0.	0.26	0.	0.	0.
337	Qm-2	0.	0.	0.026	0.	0.	0.
338	DEAD	0.	0.	0.	0.	0.	0.
338	G1	0.	0.	0.3	0.	0.	0.
338	G2	0.	0.	0.056	0.	0.	0.
338	Qm	0.	0.	0.242	0.	0.	0.
338	Qs	0.	0.	0.019	0.	0.	0.
338	T+	1.616E-14	4.384E-15	0.	0.	0.	0.
338	T-	-1.616E-14	-4.384E-15	0.	0.	0.	0.
338	W	0.	0.	-0.029	0.	0.	0.
338	Qm-1	0.	0.	0.265	0.	0.	0.
338	Qm-2	0.	0.	0.026	0.	0.	0.
339	DEAD	0.	0.	0.	0.	0.	0.
339	G1	0.	0.	0.3	0.	0.	0.
339	G2	0.	0.	0.057	0.	0.	0.
339	Qm	0.	0.	0.247	0.	0.	0.
339	Qs	0.	0.	0.019	0.	0.	0.
339	T+	-4.013E-15	2.470E-14	0.	0.	0.	0.
339	T-	4.013E-15	-2.470E-14	0.	0.	0.	0.
339	W	0.	0.	-0.033	0.	0.	0.
339	Qm-1	0.	0.	0.27	0.	0.	0.
339	Qm-2	0.	0.	0.025	0.	0.	0.
340	DEAD	0.	0.	0.	0.	0.	0.
340	G1	0.	0.	0.3	0.	0.	0.
340	G2	0.	0.	0.059	0.	0.	0.
340	Qm	0.	0.	0.252	0.	0.	0.
340	Qs	0.	0.	0.019	0.	0.	0.
340	T+	3.275E-15	-2.459E-14	0.	0.	0.	0.
340	T-	-3.275E-15	2.459E-14	0.	0.	0.	0.
340	W	0.	0.	-0.036	0.	0.	0.
340	Qm-1	0.	0.	0.274	0.	0.	0.
340	Qm-2	0.	0.	0.025	0.	0.	0.
341	DEAD	0.	0.	0.	0.	0.	0.
341	G1	0.	0.	0.3	0.	0.	0.
341	G2	0.	0.	0.06	0.	0.	0.
341	Qm	0.	0.	0.257	0.	0.	0.
341	Qs	0.	0.	0.019	0.	0.	0.
341	T+	2.711E-14	6.686E-16	0.	0.	0.	0.
341	T-	-2.711E-14	-6.686E-16	0.	0.	0.	0.
341	W	0.	0.	-0.04	0.	0.	0.
341	Qm-1	0.	0.	0.279	0.	0.	0.
341	Qm-2	0.	0.	0.024	0.	0.	0.
342	DEAD	0.	0.	0.	0.	0.	0.
342	G1	0.	0.	0.3	0.	0.	0.
342	G2	0.	0.	0.062	0.	0.	0.

Table 25: Joint Reactions

Joint	OutputCase	F1	F2	F3	M1	M2	M3
		KN	KN	KN	KN-mm	KN-mm	KN-mm
342	Qm	0.	0.	0.262	0.	0.	0.
342	Qs	0.	0.	0.019	0.	0.	0.
342	T+	5.420E-14	-1.667E-14	0.	0.	0.	0.
342	T-	-5.420E-14	1.667E-14	0.	0.	0.	0.
342	W	0.	0.	-0.044	0.	0.	0.
342	Qm-1	0.	0.	0.284	0.	0.	0.
342	Qm-2	0.	0.	0.024	0.	0.	0.
343	DEAD	0.	0.	0.	0.	0.	0.
343	G1	0.	0.	0.3	0.	0.	0.
343	G2	0.	0.	0.063	0.	0.	0.
343	Qm	0.	0.	0.267	0.	0.	0.
343	Qs	0.	0.	0.019	0.	0.	0.
343	T+	2.138E-15	-1.036E-14	0.	0.	0.	0.
343	T-	-2.138E-15	1.036E-14	0.	0.	0.	0.
343	W	0.	0.	-0.048	0.	0.	0.
343	Qm-1	0.	0.	0.288	0.	0.	0.
343	Qm-2	0.	0.	0.024	0.	0.	0.
344	DEAD	0.	0.	0.	0.	0.	0.
344	G1	0.	0.	0.15	0.	0.	0.
344	G2	0.	0.	0.032	0.	0.	0.
344	Qm	0.	0.	0.136	0.	0.	0.
344	Qs	0.	0.	9.600E-03	0.	0.	0.
344	T+	3.347E-16	177.053	0.	0.	0.	0.
344	T-	-3.347E-16	-177.053	0.	0.	0.	0.
344	W	0.	0.	-0.026	0.	0.	0.
344	Qm-1	0.	0.	0.146	0.	0.	0.
344	Qm-2	0.	0.	0.012	0.	0.	0.
345	DEAD	0.	0.	0.	0.	0.	0.
345	G1	0.	0.	0.15	0.	0.	0.
345	G2	0.	0.	0.013	0.	0.	0.
345	Qm	0.	0.	0.073	0.	0.	0.
345	Qs	0.	0.	9.600E-03	0.	0.	0.
345	T+	2.010E-15	-177.053	0.	0.	0.	0.
345	T-	-2.010E-15	177.053	0.	0.	0.	0.
345	W	0.	0.	0.026	0.	0.	0.
345	Qm-1	0.	0.	0.088	0.	0.	0.
345	Qm-2	0.	0.	0.017	0.	0.	0.
346	DEAD	0.	0.	0.	0.	0.	0.
346	G1	0.	0.	0.3	0.	0.	0.
346	G2	0.	0.	0.028	0.	0.	0.
346	Qm	0.	0.	0.151	0.	0.	0.
346	Qs	0.	0.	0.019	0.	0.	0.
346	T+	-6.472E-15	-3.527E-15	0.	0.	0.	0.
346	T-	6.472E-15	3.527E-15	0.	0.	0.	0.
346	W	0.	0.	0.048	0.	0.	0.
346	Qm-1	0.	0.	0.18	0.	0.	0.
346	Qm-2	0.	0.	0.033	0.	0.	0.
347	DEAD	0.	0.	0.	0.	0.	0.
347	G1	0.	0.	0.3	0.	0.	0.
347	G2	0.	0.	0.03	0.	0.	0.
347	Qm	0.	0.	0.156	0.	0.	0.
347	Qs	0.	0.	0.019	0.	0.	0.
347	T+	2.125E-14	2.118E-14	0.	0.	0.	0.
347	T-	-2.125E-14	-2.118E-14	0.	0.	0.	0.

Table 25: Joint Reactions

Joint	OutputCase	F1	F2	F3	M1	M2	M3
		KN	KN	KN	KN-mm	KN-mm	KN-mm
347	W	0.	0.	0.044	0.	0.	0.
347	Qm-1	0.	0.	0.185	0.	0.	0.
347	Qm-2	0.	0.	0.032	0.	0.	0.
348	DEAD	0.	0.	0.	0.	0.	0.
348	G1	0.	0.	0.3	0.	0.	0.
348	G2	0.	0.	0.031	0.	0.	0.
348	Qm	0.	0.	0.161	0.	0.	0.
348	Qs	0.	0.	0.019	0.	0.	0.
348	T+	-1.424E-15	8.771E-15	0.	0.	0.	0.
348	T-	1.424E-15	-8.771E-15	0.	0.	0.	0.
348	W	0.	0.	0.04	0.	0.	0.
348	Qm-1	0.	0.	0.19	0.	0.	0.
348	Qm-2	0.	0.	0.032	0.	0.	0.
349	DEAD	0.	0.	0.	0.	0.	0.
349	G1	0.	0.	0.3	0.	0.	0.
349	G2	0.	0.	0.033	0.	0.	0.
349	Qm	0.	0.	0.166	0.	0.	0.
349	Qs	0.	0.	0.019	0.	0.	0.
349	T+	2.993E-14	6.746E-15	0.	0.	0.	0.
349	T-	-2.993E-14	-6.746E-15	0.	0.	0.	0.
349	W	0.	0.	0.036	0.	0.	0.
349	Qm-1	0.	0.	0.194	0.	0.	0.
349	Qm-2	0.	0.	0.032	0.	0.	0.
350	DEAD	0.	0.	0.	0.	0.	0.
350	G1	0.	0.	0.3	0.	0.	0.
350	G2	0.	0.	0.034	0.	0.	0.
350	Qm	0.	0.	0.171	0.	0.	0.
350	Qs	0.	0.	0.019	0.	0.	0.
350	T+	-7.945E-15	-4.814E-14	0.	0.	0.	0.
350	T-	7.945E-15	4.814E-14	0.	0.	0.	0.
350	W	0.	0.	0.033	0.	0.	0.
350	Qm-1	0.	0.	0.199	0.	0.	0.
350	Qm-2	0.	0.	0.031	0.	0.	0.
351	DEAD	0.	0.	0.	0.	0.	0.
351	G1	0.	0.	0.3	0.	0.	0.
351	G2	0.	0.	0.036	0.	0.	0.
351	Qm	0.	0.	0.176	0.	0.	0.
351	Qs	0.	0.	0.019	0.	0.	0.
351	T+	2.401E-14	1.798E-15	0.	0.	0.	0.
351	T-	-2.401E-14	-1.798E-15	0.	0.	0.	0.
351	W	0.	0.	0.029	0.	0.	0.
351	Qm-1	0.	0.	0.204	0.	0.	0.
351	Qm-2	0.	0.	0.031	0.	0.	0.
352	DEAD	0.	0.	0.	0.	0.	0.
352	G1	0.	0.	0.3	0.	0.	0.
352	G2	0.	0.	0.037	0.	0.	0.
352	Qm	0.	0.	0.181	0.	0.	0.
352	Qs	0.	0.	0.019	0.	0.	0.
352	T+	-2.258E-14	1.472E-14	0.	0.	0.	0.
352	T-	2.258E-14	-1.472E-14	0.	0.	0.	0.
352	W	0.	0.	0.025	0.	0.	0.
352	Qm-1	0.	0.	0.208	0.	0.	0.
352	Qm-2	0.	0.	0.03	0.	0.	0.
353	DEAD	0.	0.	0.	0.	0.	0.

Table 25: Joint Reactions

Joint	OutputCase	F1	F2	F3	M1	M2	M3
		KN	KN	KN	KN-mm	KN-mm	KN-mm
353	G1	0.	0.	0.3	0.	0.	0.
353	G2	0.	0.	0.039	0.	0.	0.
353	Qm	0.	0.	0.186	0.	0.	0.
353	Qs	0.	0.	0.019	0.	0.	0.
353	T+	3.034E-15	-4.303E-14	0.	0.	0.	0.
353	T-	-3.034E-15	4.303E-14	0.	0.	0.	0.
353	W	0.	0.	0.021	0.	0.	0.
353	Qm-1	0.	0.	0.213	0.	0.	0.
353	Qm-2	0.	0.	0.03	0.	0.	0.
354	DEAD	0.	0.	0.	0.	0.	0.
354	G1	0.	0.	0.3	0.	0.	0.
354	G2	0.	0.	0.04	0.	0.	0.
354	Qm	0.	0.	0.191	0.	0.	0.
354	Qs	0.	0.	0.019	0.	0.	0.
354	T+	-2.470E-14	1.334E-14	0.	0.	0.	0.
354	T-	2.470E-14	-1.334E-14	0.	0.	0.	0.
354	W	0.	0.	0.017	0.	0.	0.
354	Qm-1	0.	0.	0.218	0.	0.	0.
354	Qm-2	0.	0.	0.03	0.	0.	0.
355	DEAD	0.	0.	0.	0.	0.	0.
355	G1	0.	0.	0.3	0.	0.	0.
355	G2	0.	0.	0.042	0.	0.	0.
355	Qm	0.	0.	0.196	0.	0.	0.
355	Qs	0.	0.	0.019	0.	0.	0.
355	T+	1.124E-14	-1.080E-14	0.	0.	0.	0.
355	T-	-1.124E-14	1.080E-14	0.	0.	0.	0.
355	W	0.	0.	0.013	0.	0.	0.
355	Qm-1	0.	0.	0.222	0.	0.	0.
355	Qm-2	0.	0.	0.029	0.	0.	0.
356	DEAD	0.	0.	0.	0.	0.	0.
356	G1	0.	0.	0.3	0.	0.	0.
356	G2	0.	0.	0.043	0.	0.	0.
356	Qm	0.	0.	0.201	0.	0.	0.
356	Qs	0.	0.	0.019	0.	0.	0.
356	T+	-1.472E-15	-3.251E-15	0.	0.	0.	0.
356	T-	1.472E-15	3.251E-15	0.	0.	0.	0.
356	W	0.	0.	9.579E-03	0.	0.	0.
356	Qm-1	0.	0.	0.227	0.	0.	0.
356	Qm-2	0.	0.	0.029	0.	0.	0.
357	DEAD	0.	0.	0.	0.	0.	0.
357	G1	0.	0.	0.3	0.	0.	0.
357	G2	0.	0.	0.045	0.	0.	0.
357	Qm	0.	0.	0.206	0.	0.	0.
357	Qs	0.	0.	0.019	0.	0.	0.
357	T+	1.653E-14	-9.779E-15	0.	0.	0.	0.
357	T-	-1.653E-14	9.779E-15	0.	0.	0.	0.
357	W	0.	0.	5.752E-03	0.	0.	0.
357	Qm-1	0.	0.	0.232	0.	0.	0.
357	Qm-2	0.	0.	0.028	0.	0.	0.
358	DEAD	0.	0.	0.	0.	0.	0.
358	G1	0.	0.	0.3	0.	0.	0.
358	G2	0.	0.	0.046	0.	0.	0.
358	Qm	0.	0.	0.211	0.	0.	0.
358	Qs	0.	0.	0.019	0.	0.	0.

Table 25: Joint Reactions

Joint	OutputCase	F1	F2	F3	M1	M2	M3
		KN	KN	KN	KN-mm	KN-mm	KN-mm
358	T+	-3.048E-14	2.126E-14	0.	0.	0.	0.
358	T-	3.048E-14	-2.126E-14	0.	0.	0.	0.
358	W	0.	0.	1.925E-03	0.	0.	0.
358	Qm-1	0.	0.	0.236	0.	0.	0.
358	Qm-2	0.	0.	0.028	0.	0.	0.
359	DEAD	0.	0.	0.	0.	0.	0.
359	G1	0.	0.	0.3	0.	0.	0.
359	G2	0.	0.	0.048	0.	0.	0.
359	Qm	0.	0.	0.216	0.	0.	0.
359	Qs	0.	0.	0.019	0.	0.	0.
359	T+	1.493E-15	6.987E-15	0.	0.	0.	0.
359	T-	-1.493E-15	-6.987E-15	0.	0.	0.	0.
359	W	0.	0.	-1.902E-03	0.	0.	0.
359	Qm-1	0.	0.	0.241	0.	0.	0.
359	Qm-2	0.	0.	0.028	0.	0.	0.
360	DEAD	0.	0.	0.	0.	0.	0.
360	G1	0.	0.	0.3	0.	0.	0.
360	G2	0.	0.	0.049	0.	0.	0.
360	Qm	0.	0.	0.221	0.	0.	0.
360	Qs	0.	0.	0.019	0.	0.	0.
360	T+	-1.527E-14	-3.115E-15	0.	0.	0.	0.
360	T-	1.527E-14	3.115E-15	0.	0.	0.	0.
360	W	0.	0.	-5.730E-03	0.	0.	0.
360	Qm-1	0.	0.	0.246	0.	0.	0.
360	Qm-2	0.	0.	0.027	0.	0.	0.
361	DEAD	0.	0.	0.	0.	0.	0.
361	G1	0.	0.	0.3	0.	0.	0.
361	G2	0.	0.	0.051	0.	0.	0.
361	Qm	0.	0.	0.226	0.	0.	0.
361	Qs	0.	0.	0.019	0.	0.	0.
361	T+	1.169E-14	-2.806E-14	0.	0.	0.	0.
361	T-	-1.169E-14	2.806E-14	0.	0.	0.	0.
361	W	0.	0.	-9.559E-03	0.	0.	0.
361	Qm-1	0.	0.	0.25	0.	0.	0.
361	Qm-2	0.	0.	0.027	0.	0.	0.
362	DEAD	0.	0.	0.	0.	0.	0.
362	G1	0.	0.	0.3	0.	0.	0.
362	G2	0.	0.	0.053	0.	0.	0.
362	Qm	0.	0.	0.231	0.	0.	0.
362	Qs	0.	0.	0.019	0.	0.	0.
362	T+	2.136E-14	-1.833E-15	0.	0.	0.	0.
362	T-	-2.136E-14	1.833E-15	0.	0.	0.	0.
362	W	0.	0.	-0.013	0.	0.	0.
362	Qm-1	0.	0.	0.255	0.	0.	0.
362	Qm-2	0.	0.	0.026	0.	0.	0.
363	DEAD	0.	0.	0.	0.	0.	0.
363	G1	0.	0.	0.3	0.	0.	0.
363	G2	0.	0.	0.054	0.	0.	0.
363	Qm	0.	0.	0.236	0.	0.	0.
363	Qs	0.	0.	0.019	0.	0.	0.
363	T+	-1.913E-14	-9.535E-15	0.	0.	0.	0.
363	T-	1.913E-14	9.535E-15	0.	0.	0.	0.
363	W	0.	0.	-0.017	0.	0.	0.
363	Qm-1	0.	0.	0.26	0.	0.	0.

Table 25: Joint Reactions

Joint	OutputCase	F1	F2	F3	M1	M2	M3
		KN	KN	KN	KN-mm	KN-mm	KN-mm
363	Qm-2	0.	0.	0.026	0.	0.	0.
364	DEAD	0.	0.	0.	0.	0.	0.
364	G1	0.	0.	0.3	0.	0.	0.
364	G2	0.	0.	0.056	0.	0.	0.
364	Qm	0.	0.	0.241	0.	0.	0.
364	Qs	0.	0.	0.019	0.	0.	0.
364	T+	1.347E-14	-6.118E-15	0.	0.	0.	0.
364	T-	-1.347E-14	6.118E-15	0.	0.	0.	0.
364	W	0.	0.	-0.021	0.	0.	0.
364	Qm-1	0.	0.	0.264	0.	0.	0.
364	Qm-2	0.	0.	0.026	0.	0.	0.
365	DEAD	0.	0.	0.	0.	0.	0.
365	G1	0.	0.	0.3	0.	0.	0.
365	G2	0.	0.	0.057	0.	0.	0.
365	Qm	0.	0.	0.246	0.	0.	0.
365	Qs	0.	0.	0.019	0.	0.	0.
365	T+	3.202E-14	2.055E-14	0.	0.	0.	0.
365	T-	-3.202E-14	-2.055E-14	0.	0.	0.	0.
365	W	0.	0.	-0.025	0.	0.	0.
365	Qm-1	0.	0.	0.269	0.	0.	0.
365	Qm-2	0.	0.	0.025	0.	0.	0.
366	DEAD	0.	0.	0.	0.	0.	0.
366	G1	0.	0.	0.3	0.	0.	0.
366	G2	0.	0.	0.059	0.	0.	0.
366	Qm	0.	0.	0.251	0.	0.	0.
366	Qs	0.	0.	0.019	0.	0.	0.
366	T+	4.135E-14	-2.197E-14	0.	0.	0.	0.
366	T-	-4.135E-14	2.197E-14	0.	0.	0.	0.
366	W	0.	0.	-0.029	0.	0.	0.
366	Qm-1	0.	0.	0.274	0.	0.	0.
366	Qm-2	0.	0.	0.025	0.	0.	0.
367	DEAD	0.	0.	0.	0.	0.	0.
367	G1	0.	0.	0.3	0.	0.	0.
367	G2	0.	0.	0.06	0.	0.	0.
367	Qm	0.	0.	0.256	0.	0.	0.
367	Qs	0.	0.	0.019	0.	0.	0.
367	T+	-1.600E-14	1.656E-14	0.	0.	0.	0.
367	T-	1.600E-14	-1.656E-14	0.	0.	0.	0.
367	W	0.	0.	-0.033	0.	0.	0.
367	Qm-1	0.	0.	0.278	0.	0.	0.
367	Qm-2	0.	0.	0.024	0.	0.	0.
368	DEAD	0.	0.	0.	0.	0.	0.
368	G1	0.	0.	0.3	0.	0.	0.
368	G2	0.	0.	0.062	0.	0.	0.
368	Qm	0.	0.	0.261	0.	0.	0.
368	Qs	0.	0.	0.019	0.	0.	0.
368	T+	-1.025E-14	3.181E-14	0.	0.	0.	0.
368	T-	1.025E-14	-3.181E-14	0.	0.	0.	0.
368	W	0.	0.	-0.036	0.	0.	0.
368	Qm-1	0.	0.	0.283	0.	0.	0.
368	Qm-2	0.	0.	0.024	0.	0.	0.
369	DEAD	0.	0.	0.	0.	0.	0.
369	G1	0.	0.	0.3	0.	0.	0.
369	G2	0.	0.	0.063	0.	0.	0.

Table 25: Joint Reactions

Joint	OutputCase	F1	F2	F3	M1	M2	M3
		KN	KN	KN	KN-mm	KN-mm	KN-mm
369	Qm	0.	0.	0.266	0.	0.	0.
369	Qs	0.	0.	0.019	0.	0.	0.
369	T+	-2.386E-15	1.311E-14	0.	0.	0.	0.
369	T-	2.386E-15	-1.311E-14	0.	0.	0.	0.
369	W	0.	0.	-0.04	0.	0.	0.
369	Qm-1	0.	0.	0.288	0.	0.	0.
369	Qm-2	0.	0.	0.024	0.	0.	0.
370	DEAD	0.	0.	0.	0.	0.	0.
370	G1	0.	0.	0.15	0.	0.	0.
370	G2	0.	0.	0.032	0.	0.	0.
370	Qm	0.	0.	0.136	0.	0.	0.
370	Qs	0.	0.	9.600E-03	0.	0.	0.
370	T+	1.397E-14	177.053	0.	0.	0.	0.
370	T-	-1.397E-14	-177.053	0.	0.	0.	0.
370	W	0.	0.	-0.022	0.	0.	0.
370	Qm-1	0.	0.	0.146	0.	0.	0.
370	Qm-2	0.	0.	0.012	0.	0.	0.
371	DEAD	0.	0.	0.	0.	0.	0.
371	G1	0.	0.	0.15	0.	0.	0.
371	G2	0.	0.	0.013	0.	0.	0.
371	Qm	0.	0.	0.073	0.	0.	0.
371	Qs	0.	0.	9.600E-03	0.	0.	0.
371	T+	-2.644E-15	-177.053	0.	0.	0.	0.
371	T-	2.644E-15	177.053	0.	0.	0.	0.
371	W	0.	0.	0.03	0.	0.	0.
371	Qm-1	0.	0.	0.087	0.	0.	0.
371	Qm-2	0.	0.	0.017	0.	0.	0.
372	DEAD	0.	0.	0.	0.	0.	0.
372	G1	0.	0.	0.3	0.	0.	0.
372	G2	0.	0.	0.028	0.	0.	0.
372	Qm	0.	0.	0.15	0.	0.	0.
372	Qs	0.	0.	0.019	0.	0.	0.
372	T+	9.216E-15	-2.741E-14	0.	0.	0.	0.
372	T-	-9.216E-15	2.741E-14	0.	0.	0.	0.
372	W	0.	0.	0.055	0.	0.	0.
372	Qm-1	0.	0.	0.18	0.	0.	0.
372	Qm-2	0.	0.	0.033	0.	0.	0.
373	DEAD	0.	0.	0.	0.	0.	0.
373	G1	0.	0.	0.3	0.	0.	0.
373	G2	0.	0.	0.03	0.	0.	0.
373	Qm	0.	0.	0.155	0.	0.	0.
373	Qs	0.	0.	0.019	0.	0.	0.
373	T+	-7.922E-15	1.374E-14	0.	0.	0.	0.
373	T-	7.922E-15	-1.374E-14	0.	0.	0.	0.
373	W	0.	0.	0.052	0.	0.	0.
373	Qm-1	0.	0.	0.184	0.	0.	0.
373	Qm-2	0.	0.	0.032	0.	0.	0.
374	DEAD	0.	0.	0.	0.	0.	0.
374	G1	0.	0.	0.3	0.	0.	0.
374	G2	0.	0.	0.031	0.	0.	0.
374	Qm	0.	0.	0.16	0.	0.	0.
374	Qs	0.	0.	0.019	0.	0.	0.
374	T+	4.117E-15	-2.680E-14	0.	0.	0.	0.
374	T-	-4.117E-15	2.680E-14	0.	0.	0.	0.

Table 25: Joint Reactions

Joint	OutputCase	F1	F2	F3	M1	M2	M3
		KN	KN	KN	KN-mm	KN-mm	KN-mm
374	W	0.	0.	0.048	0.	0.	0.
374	Qm-1	0.	0.	0.189	0.	0.	0.
374	Qm-2	0.	0.	0.032	0.	0.	0.
375	DEAD	0.	0.	0.	0.	0.	0.
375	G1	0.	0.	0.3	0.	0.	0.
375	G2	0.	0.	0.033	0.	0.	0.
375	Qm	0.	0.	0.165	0.	0.	0.
375	Qs	0.	0.	0.019	0.	0.	0.
375	T+	-4.815E-14	7.032E-15	0.	0.	0.	0.
375	T-	4.815E-14	-7.032E-15	0.	0.	0.	0.
375	W	0.	0.	0.044	0.	0.	0.
375	Qm-1	0.	0.	0.194	0.	0.	0.
375	Qm-2	0.	0.	0.032	0.	0.	0.
376	DEAD	0.	0.	0.	0.	0.	0.
376	G1	0.	0.	0.3	0.	0.	0.
376	G2	0.	0.	0.034	0.	0.	0.
376	Qm	0.	0.	0.17	0.	0.	0.
376	Qs	0.	0.	0.019	0.	0.	0.
376	T+	1.772E-14	7.013E-15	0.	0.	0.	0.
376	T-	-1.772E-14	-7.013E-15	0.	0.	0.	0.
376	W	0.	0.	0.04	0.	0.	0.
376	Qm-1	0.	0.	0.198	0.	0.	0.
376	Qm-2	0.	0.	0.031	0.	0.	0.
377	DEAD	0.	0.	0.	0.	0.	0.
377	G1	0.	0.	0.3	0.	0.	0.
377	G2	0.	0.	0.036	0.	0.	0.
377	Qm	0.	0.	0.175	0.	0.	0.
377	Qs	0.	0.	0.019	0.	0.	0.
377	T+	-3.041E-14	-3.336E-15	0.	0.	0.	0.
377	T-	3.041E-14	3.336E-15	0.	0.	0.	0.
377	W	0.	0.	0.036	0.	0.	0.
377	Qm-1	0.	0.	0.203	0.	0.	0.
377	Qm-2	0.	0.	0.031	0.	0.	0.
378	DEAD	0.	0.	0.	0.	0.	0.
378	G1	0.	0.	0.3	0.	0.	0.
378	G2	0.	0.	0.037	0.	0.	0.
378	Qm	0.	0.	0.18	0.	0.	0.
378	Qs	0.	0.	0.019	0.	0.	0.
378	T+	4.196E-15	1.407E-14	0.	0.	0.	0.
378	T-	-4.196E-15	-1.407E-14	0.	0.	0.	0.
378	W	0.	0.	0.033	0.	0.	0.
378	Qm-1	0.	0.	0.208	0.	0.	0.
378	Qm-2	0.	0.	0.03	0.	0.	0.
379	DEAD	0.	0.	0.	0.	0.	0.
379	G1	0.	0.	0.3	0.	0.	0.
379	G2	0.	0.	0.039	0.	0.	0.
379	Qm	0.	0.	0.185	0.	0.	0.
379	Qs	0.	0.	0.019	0.	0.	0.
379	T+	2.537E-14	3.232E-14	0.	0.	0.	0.
379	T-	-2.537E-14	-3.232E-14	0.	0.	0.	0.
379	W	0.	0.	0.029	0.	0.	0.
379	Qm-1	0.	0.	0.212	0.	0.	0.
379	Qm-2	0.	0.	0.03	0.	0.	0.
380	DEAD	0.	0.	0.	0.	0.	0.

Table 25: Joint Reactions

Joint	OutputCase	F1	F2	F3	M1	M2	M3
		KN	KN	KN	KN-mm	KN-mm	KN-mm
380	G1	0.	0.	0.3	0.	0.	0.
380	G2	0.	0.	0.04	0.	0.	0.
380	Qm	0.	0.	0.19	0.	0.	0.
380	Qs	0.	0.	0.019	0.	0.	0.
380	T+	-1.101E-15	-4.415E-14	0.	0.	0.	0.
380	T-	1.101E-15	4.415E-14	0.	0.	0.	0.
380	W	0.	0.	0.025	0.	0.	0.
380	Qm-1	0.	0.	0.217	0.	0.	0.
380	Qm-2	0.	0.	0.03	0.	0.	0.
381	DEAD	0.	0.	0.	0.	0.	0.
381	G1	0.	0.	0.3	0.	0.	0.
381	G2	0.	0.	0.042	0.	0.	0.
381	Qm	0.	0.	0.195	0.	0.	0.
381	Qs	0.	0.	0.019	0.	0.	0.
381	T+	5.982E-16	1.104E-14	0.	0.	0.	0.
381	T-	-5.982E-16	-1.104E-14	0.	0.	0.	0.
381	W	0.	0.	0.021	0.	0.	0.
381	Qm-1	0.	0.	0.222	0.	0.	0.
381	Qm-2	0.	0.	0.029	0.	0.	0.
382	DEAD	0.	0.	0.	0.	0.	0.
382	G1	0.	0.	0.3	0.	0.	0.
382	G2	0.	0.	0.043	0.	0.	0.
382	Qm	0.	0.	0.2	0.	0.	0.
382	Qs	0.	0.	0.019	0.	0.	0.
382	T+	2.996E-15	-1.111E-14	0.	0.	0.	0.
382	T-	-2.996E-15	1.111E-14	0.	0.	0.	0.
382	W	0.	0.	0.017	0.	0.	0.
382	Qm-1	0.	0.	0.226	0.	0.	0.
382	Qm-2	0.	0.	0.029	0.	0.	0.
383	DEAD	0.	0.	0.	0.	0.	0.
383	G1	0.	0.	0.3	0.	0.	0.
383	G2	0.	0.	0.045	0.	0.	0.
383	Qm	0.	0.	0.205	0.	0.	0.
383	Qs	0.	0.	0.019	0.	0.	0.
383	T+	-3.732E-15	-3.637E-15	0.	0.	0.	0.
383	T-	3.732E-15	3.637E-15	0.	0.	0.	0.
383	W	0.	0.	0.013	0.	0.	0.
383	Qm-1	0.	0.	0.231	0.	0.	0.
383	Qm-2	0.	0.	0.028	0.	0.	0.
384	DEAD	0.	0.	0.	0.	0.	0.
384	G1	0.	0.	0.3	0.	0.	0.
384	G2	0.	0.	0.046	0.	0.	0.
384	Qm	0.	0.	0.21	0.	0.	0.
384	Qs	0.	0.	0.019	0.	0.	0.
384	T+	1.662E-14	5.342E-15	0.	0.	0.	0.
384	T-	-1.662E-14	-5.342E-15	0.	0.	0.	0.
384	W	0.	0.	9.579E-03	0.	0.	0.
384	Qm-1	0.	0.	0.236	0.	0.	0.
384	Qm-2	0.	0.	0.028	0.	0.	0.
385	DEAD	0.	0.	0.	0.	0.	0.
385	G1	0.	0.	0.3	0.	0.	0.
385	G2	0.	0.	0.048	0.	0.	0.
385	Qm	0.	0.	0.215	0.	0.	0.
385	Qs	0.	0.	0.019	0.	0.	0.

Table 25: Joint Reactions

Joint	OutputCase	F1	F2	F3	M1	M2	M3
		KN	KN	KN	KN-mm	KN-mm	KN-mm
385	T+	1.519E-14	1.093E-14	0.	0.	0.	0.
385	T-	-1.519E-14	-1.093E-14	0.	0.	0.	0.
385	W	0.	0.	5.752E-03	0.	0.	0.
385	Qm-1	0.	0.	0.24	0.	0.	0.
385	Qm-2	0.	0.	0.028	0.	0.	0.
386	DEAD	0.	0.	0.	0.	0.	0.
386	G1	0.	0.	0.3	0.	0.	0.
386	G2	0.	0.	0.049	0.	0.	0.
386	Qm	0.	0.	0.22	0.	0.	0.
386	Qs	0.	0.	0.019	0.	0.	0.
386	T+	-1.754E-14	1.222E-15	0.	0.	0.	0.
386	T-	1.754E-14	-1.222E-15	0.	0.	0.	0.
386	W	0.	0.	1.924E-03	0.	0.	0.
386	Qm-1	0.	0.	0.245	0.	0.	0.
386	Qm-2	0.	0.	0.027	0.	0.	0.
387	DEAD	0.	0.	0.	0.	0.	0.
387	G1	0.	0.	0.3	0.	0.	0.
387	G2	0.	0.	0.051	0.	0.	0.
387	Qm	0.	0.	0.225	0.	0.	0.
387	Qs	0.	0.	0.019	0.	0.	0.
387	T+	-1.107E-14	1.634E-15	0.	0.	0.	0.
387	T-	1.107E-14	-1.634E-15	0.	0.	0.	0.
387	W	0.	0.	-1.905E-03	0.	0.	0.
387	Qm-1	0.	0.	0.25	0.	0.	0.
387	Qm-2	0.	0.	0.027	0.	0.	0.
388	DEAD	0.	0.	0.	0.	0.	0.
388	G1	0.	0.	0.3	0.	0.	0.
388	G2	0.	0.	0.053	0.	0.	0.
388	Qm	0.	0.	0.23	0.	0.	0.
388	Qs	0.	0.	0.019	0.	0.	0.
388	T+	-4.058E-15	-1.238E-14	0.	0.	0.	0.
388	T-	4.058E-15	1.238E-14	0.	0.	0.	0.
388	W	0.	0.	-5.735E-03	0.	0.	0.
388	Qm-1	0.	0.	0.254	0.	0.	0.
388	Qm-2	0.	0.	0.026	0.	0.	0.
389	DEAD	0.	0.	0.	0.	0.	0.
389	G1	0.	0.	0.3	0.	0.	0.
389	G2	0.	0.	0.054	0.	0.	0.
389	Qm	0.	0.	0.235	0.	0.	0.
389	Qs	0.	0.	0.019	0.	0.	0.
389	T+	1.520E-14	-6.704E-15	0.	0.	0.	0.
389	T-	-1.520E-14	6.704E-15	0.	0.	0.	0.
389	W	0.	0.	-9.566E-03	0.	0.	0.
389	Qm-1	0.	0.	0.259	0.	0.	0.
389	Qm-2	0.	0.	0.026	0.	0.	0.
390	DEAD	0.	0.	0.	0.	0.	0.
390	G1	0.	0.	0.3	0.	0.	0.
390	G2	0.	0.	0.056	0.	0.	0.
390	Qm	0.	0.	0.24	0.	0.	0.
390	Qs	0.	0.	0.019	0.	0.	0.
390	T+	1.786E-14	2.422E-14	0.	0.	0.	0.
390	T-	-1.786E-14	-2.422E-14	0.	0.	0.	0.
390	W	0.	0.	-0.013	0.	0.	0.
390	Qm-1	0.	0.	0.264	0.	0.	0.

Table 25: Joint Reactions

Joint	OutputCase	F1	F2	F3	M1	M2	M3
		KN	KN	KN	KN-mm	KN-mm	KN-mm
390	Qm-2	0.	0.	0.026	0.	0.	0.
391	DEAD	0.	0.	0.	0.	0.	0.
391	G1	0.	0.	0.3	0.	0.	0.
391	G2	0.	0.	0.057	0.	0.	0.
391	Qm	0.	0.	0.245	0.	0.	0.
391	Qs	0.	0.	0.019	0.	0.	0.
391	T+	8.576E-15	-1.128E-14	0.	0.	0.	0.
391	T-	-8.576E-15	1.128E-14	0.	0.	0.	0.
391	W	0.	0.	-0.017	0.	0.	0.
391	Qm-1	0.	0.	0.268	0.	0.	0.
391	Qm-2	0.	0.	0.025	0.	0.	0.
392	DEAD	0.	0.	0.	0.	0.	0.
392	G1	0.	0.	0.3	0.	0.	0.
392	G2	0.	0.	0.059	0.	0.	0.
392	Qm	0.	0.	0.25	0.	0.	0.
392	Qs	0.	0.	0.019	0.	0.	0.
392	T+	1.350E-14	-4.269E-15	0.	0.	0.	0.
392	T-	-1.350E-14	4.269E-15	0.	0.	0.	0.
392	W	0.	0.	-0.021	0.	0.	0.
392	Qm-1	0.	0.	0.273	0.	0.	0.
392	Qm-2	0.	0.	0.025	0.	0.	0.
393	DEAD	0.	0.	0.	0.	0.	0.
393	G1	0.	0.	0.3	0.	0.	0.
393	G2	0.	0.	0.06	0.	0.	0.
393	Qm	0.	0.	0.255	0.	0.	0.
393	Qs	0.	0.	0.019	0.	0.	0.
393	T+	9.767E-15	-6.416E-15	0.	0.	0.	0.
393	T-	-9.767E-15	6.416E-15	0.	0.	0.	0.
393	W	0.	0.	-0.025	0.	0.	0.
393	Qm-1	0.	0.	0.278	0.	0.	0.
393	Qm-2	0.	0.	0.024	0.	0.	0.
394	DEAD	0.	0.	0.	0.	0.	0.
394	G1	0.	0.	0.3	0.	0.	0.
394	G2	0.	0.	0.062	0.	0.	0.
394	Qm	0.	0.	0.26	0.	0.	0.
394	Qs	0.	0.	0.019	0.	0.	0.
394	T+	-4.874E-14	3.117E-14	0.	0.	0.	0.
394	T-	4.874E-14	-3.117E-14	0.	0.	0.	0.
394	W	0.	0.	-0.029	0.	0.	0.
394	Qm-1	0.	0.	0.282	0.	0.	0.
394	Qm-2	0.	0.	0.024	0.	0.	0.
395	DEAD	0.	0.	0.	0.	0.	0.
395	G1	0.	0.	0.3	0.	0.	0.
395	G2	0.	0.	0.063	0.	0.	0.
395	Qm	0.	0.	0.265	0.	0.	0.
395	Qs	0.	0.	0.019	0.	0.	0.
395	T+	-1.440E-14	-3.064E-14	0.	0.	0.	0.
395	T-	1.440E-14	3.064E-14	0.	0.	0.	0.
395	W	0.	0.	-0.033	0.	0.	0.
395	Qm-1	0.	0.	0.287	0.	0.	0.
395	Qm-2	0.	0.	0.024	0.	0.	0.
396	DEAD	0.	0.	0.	0.	0.	0.
396	G1	0.	0.	0.15	0.	0.	0.
396	G2	0.	0.	0.032	0.	0.	0.

Table 25: Joint Reactions

Joint	OutputCase	F1	F2	F3	M1	M2	M3
		KN	KN	KN	KN-mm	KN-mm	KN-mm
396	Qm	0.	0.	0.135	0.	0.	0.
396	Qs	0.	0.	9.600E-03	0.	0.	0.
396	T+	-1.379E-14	177.053	0.	0.	0.	0.
396	T-	1.379E-14	-177.053	0.	0.	0.	0.
396	W	0.	0.	-0.018	0.	0.	0.
396	Qm-1	0.	0.	0.146	0.	0.	0.
396	Qm-2	0.	0.	0.012	0.	0.	0.
397	DEAD	0.	0.	0.	0.	0.	0.
397	G1	0.	0.	0.15	0.	0.	0.
397	G2	0.	0.	0.013	0.	0.	0.
397	Qm	0.	0.	0.072	0.	0.	0.
397	Qs	0.	0.	9.600E-03	0.	0.	0.
397	T+	1.718E-15	-177.053	0.	0.	0.	0.
397	T-	-1.718E-15	177.053	0.	0.	0.	0.
397	W	0.	0.	0.033	0.	0.	0.
397	Qm-1	0.	0.	0.087	0.	0.	0.
397	Qm-2	0.	0.	0.017	0.	0.	0.
398	DEAD	0.	0.	0.	0.	0.	0.
398	G1	0.	0.	0.3	0.	0.	0.
398	G2	0.	0.	0.028	0.	0.	0.
398	Qm	0.	0.	0.15	0.	0.	0.
398	Qs	0.	0.	0.019	0.	0.	0.
398	T+	-5.669E-15	-2.885E-14	0.	0.	0.	0.
398	T-	5.669E-15	2.885E-14	0.	0.	0.	0.
398	W	0.	0.	0.063	0.	0.	0.
398	Qm-1	0.	0.	0.179	0.	0.	0.
398	Qm-2	0.	0.	0.033	0.	0.	0.
399	DEAD	0.	0.	0.	0.	0.	0.
399	G1	0.	0.	0.3	0.	0.	0.
399	G2	0.	0.	0.03	0.	0.	0.
399	Qm	0.	0.	0.155	0.	0.	0.
399	Qs	0.	0.	0.019	0.	0.	0.
399	T+	7.737E-15	9.599E-15	0.	0.	0.	0.
399	T-	-7.737E-15	-9.599E-15	0.	0.	0.	0.
399	W	0.	0.	0.059	0.	0.	0.
399	Qm-1	0.	0.	0.184	0.	0.	0.
399	Qm-2	0.	0.	0.032	0.	0.	0.
400	DEAD	0.	0.	0.	0.	0.	0.
400	G1	0.	0.	0.3	0.	0.	0.
400	G2	0.	0.	0.031	0.	0.	0.
400	Qm	0.	0.	0.16	0.	0.	0.
400	Qs	0.	0.	0.019	0.	0.	0.
400	T+	-8.168E-15	1.717E-14	0.	0.	0.	0.
400	T-	8.168E-15	-1.717E-14	0.	0.	0.	0.
400	W	0.	0.	0.055	0.	0.	0.
400	Qm-1	0.	0.	0.188	0.	0.	0.
400	Qm-2	0.	0.	0.032	0.	0.	0.
401	DEAD	0.	0.	0.	0.	0.	0.
401	G1	0.	0.	0.3	0.	0.	0.
401	G2	0.	0.	0.033	0.	0.	0.
401	Qm	0.	0.	0.165	0.	0.	0.
401	Qs	0.	0.	0.019	0.	0.	0.
401	T+	4.955E-14	-1.150E-15	0.	0.	0.	0.
401	T-	-4.955E-14	1.150E-15	0.	0.	0.	0.

Table 25: Joint Reactions

Joint	OutputCase	F1	F2	F3	M1	M2	M3
		KN	KN	KN	KN-mm	KN-mm	KN-mm
401	W	0.	0.	0.052	0.	0.	0.
401	Qm-1	0.	0.	0.193	0.	0.	0.
401	Qm-2	0.	0.	0.032	0.	0.	0.
402	DEAD	0.	0.	0.	0.	0.	0.
402	G1	0.	0.	0.3	0.	0.	0.
402	G2	0.	0.	0.034	0.	0.	0.
402	Qm	0.	0.	0.17	0.	0.	0.
402	Qs	0.	0.	0.019	0.	0.	0.
402	T+	1.008E-14	-2.719E-14	0.	0.	0.	0.
402	T-	-1.008E-14	2.719E-14	0.	0.	0.	0.
402	W	0.	0.	0.048	0.	0.	0.
402	Qm-1	0.	0.	0.198	0.	0.	0.
402	Qm-2	0.	0.	0.031	0.	0.	0.
403	DEAD	0.	0.	0.	0.	0.	0.
403	G1	0.	0.	0.3	0.	0.	0.
403	G2	0.	0.	0.036	0.	0.	0.
403	Qm	0.	0.	0.175	0.	0.	0.
403	Qs	0.	0.	0.019	0.	0.	0.
403	T+	1.677E-14	1.399E-14	0.	0.	0.	0.
403	T-	-1.677E-14	-1.399E-14	0.	0.	0.	0.
403	W	0.	0.	0.044	0.	0.	0.
403	Qm-1	0.	0.	0.202	0.	0.	0.
403	Qm-2	0.	0.	0.031	0.	0.	0.
404	DEAD	0.	0.	0.	0.	0.	0.
404	G1	0.	0.	0.3	0.	0.	0.
404	G2	0.	0.	0.037	0.	0.	0.
404	Qm	0.	0.	0.18	0.	0.	0.
404	Qs	0.	0.	0.019	0.	0.	0.
404	T+	-2.948E-14	2.809E-14	0.	0.	0.	0.
404	T-	2.948E-14	-2.809E-14	0.	0.	0.	0.
404	W	0.	0.	0.04	0.	0.	0.
404	Qm-1	0.	0.	0.207	0.	0.	0.
404	Qm-2	0.	0.	0.03	0.	0.	0.
405	DEAD	0.	0.	0.	0.	0.	0.
405	G1	0.	0.	0.3	0.	0.	0.
405	G2	0.	0.	0.039	0.	0.	0.
405	Qm	0.	0.	0.185	0.	0.	0.
405	Qs	0.	0.	0.019	0.	0.	0.
405	T+	-1.256E-14	-2.921E-14	0.	0.	0.	0.
405	T-	1.256E-14	2.921E-14	0.	0.	0.	0.
405	W	0.	0.	0.036	0.	0.	0.
405	Qm-1	0.	0.	0.212	0.	0.	0.
405	Qm-2	0.	0.	0.03	0.	0.	0.
406	DEAD	0.	0.	0.	0.	0.	0.
406	G1	0.	0.	0.3	0.	0.	0.
406	G2	0.	0.	0.04	0.	0.	0.
406	Qm	0.	0.	0.19	0.	0.	0.
406	Qs	0.	0.	0.019	0.	0.	0.
406	T+	2.514E-14	3.476E-16	0.	0.	0.	0.
406	T-	-2.514E-14	-3.476E-16	0.	0.	0.	0.
406	W	0.	0.	0.033	0.	0.	0.
406	Qm-1	0.	0.	0.216	0.	0.	0.
406	Qm-2	0.	0.	0.03	0.	0.	0.
407	DEAD	0.	0.	0.	0.	0.	0.

Table 25: Joint Reactions

Joint	OutputCase	F1	F2	F3	M1	M2	M3
		KN	KN	KN	KN-mm	KN-mm	KN-mm
407	G1	0.	0.	0.3	0.	0.	0.
407	G2	0.	0.	0.042	0.	0.	0.
407	Qm	0.	0.	0.195	0.	0.	0.
407	Qs	0.	0.	0.019	0.	0.	0.
407	T+	1.586E-14	1.868E-14	0.	0.	0.	0.
407	T-	-1.586E-14	-1.868E-14	0.	0.	0.	0.
407	W	0.	0.	0.029	0.	0.	0.
407	Qm-1	0.	0.	0.221	0.	0.	0.
407	Qm-2	0.	0.	0.029	0.	0.	0.
408	DEAD	0.	0.	0.	0.	0.	0.
408	G1	0.	0.	0.3	0.	0.	0.
408	G2	0.	0.	0.043	0.	0.	0.
408	Qm	0.	0.	0.2	0.	0.	0.
408	Qs	0.	0.	0.019	0.	0.	0.
408	T+	1.222E-14	9.980E-15	0.	0.	0.	0.
408	T-	-1.222E-14	-9.980E-15	0.	0.	0.	0.
408	W	0.	0.	0.025	0.	0.	0.
408	Qm-1	0.	0.	0.226	0.	0.	0.
408	Qm-2	0.	0.	0.029	0.	0.	0.
409	DEAD	0.	0.	0.	0.	0.	0.
409	G1	0.	0.	0.3	0.	0.	0.
409	G2	0.	0.	0.045	0.	0.	0.
409	Qm	0.	0.	0.205	0.	0.	0.
409	Qs	0.	0.	0.019	0.	0.	0.
409	T+	1.870E-14	-8.272E-15	0.	0.	0.	0.
409	T-	-1.870E-14	8.272E-15	0.	0.	0.	0.
409	W	0.	0.	0.021	0.	0.	0.
409	Qm-1	0.	0.	0.23	0.	0.	0.
409	Qm-2	0.	0.	0.028	0.	0.	0.
410	DEAD	0.	0.	0.	0.	0.	0.
410	G1	0.	0.	0.3	0.	0.	0.
410	G2	0.	0.	0.046	0.	0.	0.
410	Qm	0.	0.	0.21	0.	0.	0.
410	Qs	0.	0.	0.019	0.	0.	0.
410	T+	-1.588E-14	-6.078E-15	0.	0.	0.	0.
410	T-	1.588E-14	6.078E-15	0.	0.	0.	0.
410	W	0.	0.	0.017	0.	0.	0.
410	Qm-1	0.	0.	0.235	0.	0.	0.
410	Qm-2	0.	0.	0.028	0.	0.	0.
411	DEAD	0.	0.	0.	0.	0.	0.
411	G1	0.	0.	0.3	0.	0.	0.
411	G2	0.	0.	0.048	0.	0.	0.
411	Qm	0.	0.	0.215	0.	0.	0.
411	Qs	0.	0.	0.019	0.	0.	0.
411	T+	1.161E-14	1.802E-14	0.	0.	0.	0.
411	T-	-1.161E-14	-1.802E-14	0.	0.	0.	0.
411	W	0.	0.	0.013	0.	0.	0.
411	Qm-1	0.	0.	0.24	0.	0.	0.
411	Qm-2	0.	0.	0.028	0.	0.	0.
412	DEAD	0.	0.	0.	0.	0.	0.
412	G1	0.	0.	0.3	0.	0.	0.
412	G2	0.	0.	0.049	0.	0.	0.
412	Qm	0.	0.	0.22	0.	0.	0.
412	Qs	0.	0.	0.019	0.	0.	0.

Table 25: Joint Reactions

Joint	OutputCase	F1	F2	F3	M1	M2	M3
		KN	KN	KN	KN-mm	KN-mm	KN-mm
412	T+	1.800E-14	-1.703E-14	0.	0.	0.	0.
412	T-	-1.800E-14	1.703E-14	0.	0.	0.	0.
412	W	0.	0.	9.578E-03	0.	0.	0.
412	Qm-1	0.	0.	0.244	0.	0.	0.
412	Qm-2	0.	0.	0.027	0.	0.	0.
413	DEAD	0.	0.	0.	0.	0.	0.
413	G1	0.	0.	0.3	0.	0.	0.
413	G2	0.	0.	0.051	0.	0.	0.
413	Qm	0.	0.	0.225	0.	0.	0.
413	Qs	0.	0.	0.019	0.	0.	0.
413	T+	1.233E-14	1.547E-14	0.	0.	0.	0.
413	T-	-1.233E-14	-1.547E-14	0.	0.	0.	0.
413	W	0.	0.	5.749E-03	0.	0.	0.
413	Qm-1	0.	0.	0.249	0.	0.	0.
413	Qm-2	0.	0.	0.027	0.	0.	0.
414	DEAD	0.	0.	0.	0.	0.	0.
414	G1	0.	0.	0.3	0.	0.	0.
414	G2	0.	0.	0.053	0.	0.	0.
414	Qm	0.	0.	0.23	0.	0.	0.
414	Qs	0.	0.	0.019	0.	0.	0.
414	T+	-1.130E-15	-5.408E-15	0.	0.	0.	0.
414	T-	1.130E-15	5.408E-15	0.	0.	0.	0.
414	W	0.	0.	1.919E-03	0.	0.	0.
414	Qm-1	0.	0.	0.254	0.	0.	0.
414	Qm-2	0.	0.	0.026	0.	0.	0.
415	DEAD	0.	0.	0.	0.	0.	0.
415	G1	0.	0.	0.3	0.	0.	0.
415	G2	0.	0.	0.054	0.	0.	0.
415	Qm	0.	0.	0.235	0.	0.	0.
415	Qs	0.	0.	0.019	0.	0.	0.
415	T+	3.171E-14	2.473E-14	0.	0.	0.	0.
415	T-	-3.171E-14	-2.473E-14	0.	0.	0.	0.
415	W	0.	0.	-1.911E-03	0.	0.	0.
415	Qm-1	0.	0.	0.258	0.	0.	0.
415	Qm-2	0.	0.	0.026	0.	0.	0.
416	DEAD	0.	0.	0.	0.	0.	0.
416	G1	0.	0.	0.3	0.	0.	0.
416	G2	0.	0.	0.056	0.	0.	0.
416	Qm	0.	0.	0.24	0.	0.	0.
416	Qs	0.	0.	0.019	0.	0.	0.
416	T+	-1.960E-14	-1.204E-14	0.	0.	0.	0.
416	T-	1.960E-14	1.204E-14	0.	0.	0.	0.
416	W	0.	0.	-5.743E-03	0.	0.	0.
416	Qm-1	0.	0.	0.263	0.	0.	0.
416	Qm-2	0.	0.	0.026	0.	0.	0.
417	DEAD	0.	0.	0.	0.	0.	0.
417	G1	0.	0.	0.3	0.	0.	0.
417	G2	0.	0.	0.057	0.	0.	0.
417	Qm	0.	0.	0.245	0.	0.	0.
417	Qs	0.	0.	0.019	0.	0.	0.
417	T+	-6.751E-14	1.167E-14	0.	0.	0.	0.
417	T-	6.751E-14	-1.167E-14	0.	0.	0.	0.
417	W	0.	0.	-9.575E-03	0.	0.	0.
417	Qm-1	0.	0.	0.268	0.	0.	0.

Table 25: Joint Reactions

Joint	OutputCase	F1	F2	F3	M1	M2	M3
		KN	KN	KN	KN-mm	KN-mm	KN-mm
417	Qm-2	0.	0.	0.025	0.	0.	0.
418	DEAD	0.	0.	0.	0.	0.	0.
418	G1	0.	0.	0.3	0.	0.	0.
418	G2	0.	0.	0.059	0.	0.	0.
418	Qm	0.	0.	0.25	0.	0.	0.
418	Qs	0.	0.	0.019	0.	0.	0.
418	T+	-1.059E-14	-2.348E-14	0.	0.	0.	0.
418	T-	1.059E-14	2.348E-14	0.	0.	0.	0.
418	W	0.	0.	-0.013	0.	0.	0.
418	Qm-1	0.	0.	0.272	0.	0.	0.
418	Qm-2	0.	0.	0.025	0.	0.	0.
419	DEAD	0.	0.	0.	0.	0.	0.
419	G1	0.	0.	0.3	0.	0.	0.
419	G2	0.	0.	0.06	0.	0.	0.
419	Qm	0.	0.	0.255	0.	0.	0.
419	Qs	0.	0.	0.019	0.	0.	0.
419	T+	-2.321E-14	1.180E-14	0.	0.	0.	0.
419	T-	2.321E-14	-1.180E-14	0.	0.	0.	0.
419	W	0.	0.	-0.017	0.	0.	0.
419	Qm-1	0.	0.	0.277	0.	0.	0.
419	Qm-2	0.	0.	0.024	0.	0.	0.
420	DEAD	0.	0.	0.	0.	0.	0.
420	G1	0.	0.	0.3	0.	0.	0.
420	G2	0.	0.	0.062	0.	0.	0.
420	Qm	0.	0.	0.26	0.	0.	0.
420	Qs	0.	0.	0.019	0.	0.	0.
420	T+	2.241E-14	-1.299E-14	0.	0.	0.	0.
420	T-	-2.241E-14	1.299E-14	0.	0.	0.	0.
420	W	0.	0.	-0.021	0.	0.	0.
420	Qm-1	0.	0.	0.282	0.	0.	0.
420	Qm-2	0.	0.	0.024	0.	0.	0.
421	DEAD	0.	0.	0.	0.	0.	0.
421	G1	0.	0.	0.3	0.	0.	0.
421	G2	0.	0.	0.063	0.	0.	0.
421	Qm	0.	0.	0.265	0.	0.	0.
421	Qs	0.	0.	0.019	0.	0.	0.
421	T+	2.441E-14	-4.078E-15	0.	0.	0.	0.
421	T-	-2.441E-14	4.078E-15	0.	0.	0.	0.
421	W	0.	0.	-0.025	0.	0.	0.
421	Qm-1	0.	0.	0.286	0.	0.	0.
421	Qm-2	0.	0.	0.024	0.	0.	0.
422	DEAD	0.	0.	0.	0.	0.	0.
422	G1	0.	0.	0.15	0.	0.	0.
422	G2	0.	0.	0.032	0.	0.	0.
422	Qm	0.	0.	0.135	0.	0.	0.
422	Qs	0.	0.	9.600E-03	0.	0.	0.
422	T+	8.078E-16	177.053	0.	0.	0.	0.
422	T-	-8.078E-16	-177.053	0.	0.	0.	0.
422	W	0.	0.	-0.014	0.	0.	0.
422	Qm-1	0.	0.	0.145	0.	0.	0.
422	Qm-2	0.	0.	0.012	0.	0.	0.
423	DEAD	0.	0.	0.	0.	0.	0.
423	G1	0.	0.	0.15	0.	0.	0.
423	G2	0.	0.	0.013	0.	0.	0.

Table 25: Joint Reactions

Joint	OutputCase	F1	F2	F3	M1	M2	M3
		KN	KN	KN	KN-mm	KN-mm	KN-mm
423	Qm	0.	0.	0.072	0.	0.	0.
423	Qs	0.	0.	9.600E-03	0.	0.	0.
423	T+	-1.106E-14	-177.053	0.	0.	0.	0.
423	T-	1.106E-14	177.053	0.	0.	0.	0.
423	W	0.	0.	0.037	0.	0.	0.
423	Qm-1	0.	0.	0.087	0.	0.	0.
423	Qm-2	0.	0.	0.017	0.	0.	0.
424	DEAD	0.	0.	0.	0.	0.	0.
424	G1	0.	0.	0.3	0.	0.	0.
424	G2	0.	0.	0.028	0.	0.	0.
424	Qm	0.	0.	0.149	0.	0.	0.
424	Qs	0.	0.	0.019	0.	0.	0.
424	T+	1.258E-14	-2.702E-14	0.	0.	0.	0.
424	T-	-1.258E-14	2.702E-14	0.	0.	0.	0.
424	W	0.	0.	0.071	0.	0.	0.
424	Qm-1	0.	0.	0.178	0.	0.	0.
424	Qm-2	0.	0.	0.033	0.	0.	0.
425	DEAD	0.	0.	0.	0.	0.	0.
425	G1	0.	0.	0.3	0.	0.	0.
425	G2	0.	0.	0.03	0.	0.	0.
425	Qm	0.	0.	0.154	0.	0.	0.
425	Qs	0.	0.	0.019	0.	0.	0.
425	T+	-4.462E-15	1.600E-14	0.	0.	0.	0.
425	T-	4.462E-15	-1.600E-14	0.	0.	0.	0.
425	W	0.	0.	0.067	0.	0.	0.
425	Qm-1	0.	0.	0.183	0.	0.	0.
425	Qm-2	0.	0.	0.032	0.	0.	0.
426	DEAD	0.	0.	0.	0.	0.	0.
426	G1	0.	0.	0.3	0.	0.	0.
426	G2	0.	0.	0.031	0.	0.	0.
426	Qm	0.	0.	0.159	0.	0.	0.
426	Qs	0.	0.	0.019	0.	0.	0.
426	T+	2.168E-14	-1.536E-14	0.	0.	0.	0.
426	T-	-2.168E-14	1.536E-14	0.	0.	0.	0.
426	W	0.	0.	0.063	0.	0.	0.
426	Qm-1	0.	0.	0.187	0.	0.	0.
426	Qm-2	0.	0.	0.032	0.	0.	0.
427	DEAD	0.	0.	0.	0.	0.	0.
427	G1	0.	0.	0.3	0.	0.	0.
427	G2	0.	0.	0.033	0.	0.	0.
427	Qm	0.	0.	0.164	0.	0.	0.
427	Qs	0.	0.	0.019	0.	0.	0.
427	T+	6.965E-15	1.552E-15	0.	0.	0.	0.
427	T-	-6.965E-15	-1.552E-15	0.	0.	0.	0.
427	W	0.	0.	0.059	0.	0.	0.
427	Qm-1	0.	0.	0.192	0.	0.	0.
427	Qm-2	0.	0.	0.032	0.	0.	0.
428	DEAD	0.	0.	0.	0.	0.	0.
428	G1	0.	0.	0.3	0.	0.	0.
428	G2	0.	0.	0.034	0.	0.	0.
428	Qm	0.	0.	0.169	0.	0.	0.
428	Qs	0.	0.	0.019	0.	0.	0.
428	T+	1.875E-14	-2.163E-15	0.	0.	0.	0.
428	T-	-1.875E-14	2.163E-15	0.	0.	0.	0.

Table 25: Joint Reactions

Joint	OutputCase	F1	F2	F3	M1	M2	M3
		KN	KN	KN	KN-mm	KN-mm	KN-mm
428	W	0.	0.	0.055	0.	0.	0.
428	Qm-1	0.	0.	0.197	0.	0.	0.
428	Qm-2	0.	0.	0.031	0.	0.	0.
429	DEAD	0.	0.	0.	0.	0.	0.
429	G1	0.	0.	0.3	0.	0.	0.
429	G2	0.	0.	0.036	0.	0.	0.
429	Qm	0.	0.	0.174	0.	0.	0.
429	Qs	0.	0.	0.019	0.	0.	0.
429	T+	1.058E-14	2.516E-15	0.	0.	0.	0.
429	T-	-1.058E-14	-2.516E-15	0.	0.	0.	0.
429	W	0.	0.	0.052	0.	0.	0.
429	Qm-1	0.	0.	0.201	0.	0.	0.
429	Qm-2	0.	0.	0.031	0.	0.	0.
430	DEAD	0.	0.	0.	0.	0.	0.
430	G1	0.	0.	0.3	0.	0.	0.
430	G2	0.	0.	0.037	0.	0.	0.
430	Qm	0.	0.	0.179	0.	0.	0.
430	Qs	0.	0.	0.019	0.	0.	0.
430	T+	1.791E-14	-1.895E-15	0.	0.	0.	0.
430	T-	-1.791E-14	1.895E-15	0.	0.	0.	0.
430	W	0.	0.	0.048	0.	0.	0.
430	Qm-1	0.	0.	0.206	0.	0.	0.
430	Qm-2	0.	0.	0.03	0.	0.	0.
431	DEAD	0.	0.	0.	0.	0.	0.
431	G1	0.	0.	0.3	0.	0.	0.
431	G2	0.	0.	0.039	0.	0.	0.
431	Qm	0.	0.	0.184	0.	0.	0.
431	Qs	0.	0.	0.019	0.	0.	0.
431	T+	4.019E-14	1.454E-14	0.	0.	0.	0.
431	T-	-4.019E-14	-1.454E-14	0.	0.	0.	0.
431	W	0.	0.	0.044	0.	0.	0.
431	Qm-1	0.	0.	0.211	0.	0.	0.
431	Qm-2	0.	0.	0.03	0.	0.	0.
432	DEAD	0.	0.	0.	0.	0.	0.
432	G1	0.	0.	0.3	0.	0.	0.
432	G2	0.	0.	0.04	0.	0.	0.
432	Qm	0.	0.	0.189	0.	0.	0.
432	Qs	0.	0.	0.019	0.	0.	0.
432	T+	1.836E-14	-1.491E-14	0.	0.	0.	0.
432	T-	-1.836E-14	1.491E-14	0.	0.	0.	0.
432	W	0.	0.	0.04	0.	0.	0.
432	Qm-1	0.	0.	0.215	0.	0.	0.
432	Qm-2	0.	0.	0.03	0.	0.	0.
433	DEAD	0.	0.	0.	0.	0.	0.
433	G1	0.	0.	0.3	0.	0.	0.
433	G2	0.	0.	0.042	0.	0.	0.
433	Qm	0.	0.	0.194	0.	0.	0.
433	Qs	0.	0.	0.019	0.	0.	0.
433	T+	2.441E-14	1.718E-14	0.	0.	0.	0.
433	T-	-2.441E-14	-1.718E-14	0.	0.	0.	0.
433	W	0.	0.	0.036	0.	0.	0.
433	Qm-1	0.	0.	0.22	0.	0.	0.
433	Qm-2	0.	0.	0.029	0.	0.	0.
434	DEAD	0.	0.	0.	0.	0.	0.

Table 25: Joint Reactions

Joint	OutputCase	F1	F2	F3	M1	M2	M3
		KN	KN	KN	KN-mm	KN-mm	KN-mm
434	G1	0.	0.	0.3	0.	0.	0.
434	G2	0.	0.	0.043	0.	0.	0.
434	Qm	0.	0.	0.199	0.	0.	0.
434	Qs	0.	0.	0.019	0.	0.	0.
434	T+	1.867E-14	-1.304E-15	0.	0.	0.	0.
434	T-	-1.867E-14	1.304E-15	0.	0.	0.	0.
434	W	0.	0.	0.033	0.	0.	0.
434	Qm-1	0.	0.	0.225	0.	0.	0.
434	Qm-2	0.	0.	0.029	0.	0.	0.
435	DEAD	0.	0.	0.	0.	0.	0.
435	G1	0.	0.	0.3	0.	0.	0.
435	G2	0.	0.	0.045	0.	0.	0.
435	Qm	0.	0.	0.204	0.	0.	0.
435	Qs	0.	0.	0.019	0.	0.	0.
435	T+	-5.526E-15	-3.248E-15	0.	0.	0.	0.
435	T-	5.526E-15	3.248E-15	0.	0.	0.	0.
435	W	0.	0.	0.029	0.	0.	0.
435	Qm-1	0.	0.	0.229	0.	0.	0.
435	Qm-2	0.	0.	0.028	0.	0.	0.
436	DEAD	0.	0.	0.	0.	0.	0.
436	G1	0.	0.	0.3	0.	0.	0.
436	G2	0.	0.	0.046	0.	0.	0.
436	Qm	0.	0.	0.209	0.	0.	0.
436	Qs	0.	0.	0.019	0.	0.	0.
436	T+	-2.810E-14	-2.823E-14	0.	0.	0.	0.
436	T-	2.810E-14	2.823E-14	0.	0.	0.	0.
436	W	0.	0.	0.025	0.	0.	0.
436	Qm-1	0.	0.	0.234	0.	0.	0.
436	Qm-2	0.	0.	0.028	0.	0.	0.
437	DEAD	0.	0.	0.	0.	0.	0.
437	G1	0.	0.	0.3	0.	0.	0.
437	G2	0.	0.	0.048	0.	0.	0.
437	Qm	0.	0.	0.214	0.	0.	0.
437	Qs	0.	0.	0.019	0.	0.	0.
437	T+	-9.970E-15	1.610E-14	0.	0.	0.	0.
437	T-	9.970E-15	-1.610E-14	0.	0.	0.	0.
437	W	0.	0.	0.021	0.	0.	0.
437	Qm-1	0.	0.	0.239	0.	0.	0.
437	Qm-2	0.	0.	0.028	0.	0.	0.
438	DEAD	0.	0.	0.	0.	0.	0.
438	G1	0.	0.	0.3	0.	0.	0.
438	G2	0.	0.	0.049	0.	0.	0.
438	Qm	0.	0.	0.219	0.	0.	0.
438	Qs	0.	0.	0.019	0.	0.	0.
438	T+	-5.857E-15	-1.412E-14	0.	0.	0.	0.
438	T-	5.857E-15	1.412E-14	0.	0.	0.	0.
438	W	0.	0.	0.017	0.	0.	0.
438	Qm-1	0.	0.	0.243	0.	0.	0.
438	Qm-2	0.	0.	0.027	0.	0.	0.
439	DEAD	0.	0.	0.	0.	0.	0.
439	G1	0.	0.	0.3	0.	0.	0.
439	G2	0.	0.	0.051	0.	0.	0.
439	Qm	0.	0.	0.224	0.	0.	0.
439	Qs	0.	0.	0.019	0.	0.	0.

Table 25: Joint Reactions

Joint	OutputCase	F1	F2	F3	M1	M2	M3
		KN	KN	KN	KN-mm	KN-mm	KN-mm
439	T+	1.475E-14	-7.881E-16	0.	0.	0.	0.
439	T-	-1.475E-14	7.881E-16	0.	0.	0.	0.
439	W	0.	0.	0.013	0.	0.	0.
439	Qm-1	0.	0.	0.248	0.	0.	0.
439	Qm-2	0.	0.	0.027	0.	0.	0.
440	DEAD	0.	0.	0.	0.	0.	0.
440	G1	0.	0.	0.3	0.	0.	0.
440	G2	0.	0.	0.053	0.	0.	0.
440	Qm	0.	0.	0.229	0.	0.	0.
440	Qs	0.	0.	0.019	0.	0.	0.
440	T+	1.935E-14	1.848E-14	0.	0.	0.	0.
440	T-	-1.935E-14	-1.848E-14	0.	0.	0.	0.
440	W	0.	0.	9.574E-03	0.	0.	0.
440	Qm-1	0.	0.	0.253	0.	0.	0.
440	Qm-2	0.	0.	0.026	0.	0.	0.
441	DEAD	0.	0.	0.	0.	0.	0.
441	G1	0.	0.	0.3	0.	0.	0.
441	G2	0.	0.	0.054	0.	0.	0.
441	Qm	0.	0.	0.234	0.	0.	0.
441	Qs	0.	0.	0.019	0.	0.	0.
441	T+	-5.636E-15	-2.106E-14	0.	0.	0.	0.
441	T-	5.636E-15	2.106E-14	0.	0.	0.	0.
441	W	0.	0.	5.743E-03	0.	0.	0.
441	Qm-1	0.	0.	0.257	0.	0.	0.
441	Qm-2	0.	0.	0.026	0.	0.	0.
442	DEAD	0.	0.	0.	0.	0.	0.
442	G1	0.	0.	0.3	0.	0.	0.
442	G2	0.	0.	0.056	0.	0.	0.
442	Qm	0.	0.	0.239	0.	0.	0.
442	Qs	0.	0.	0.019	0.	0.	0.
442	T+	4.791E-15	7.157E-15	0.	0.	0.	0.
442	T-	-4.791E-15	-7.157E-15	0.	0.	0.	0.
442	W	0.	0.	1.912E-03	0.	0.	0.
442	Qm-1	0.	0.	0.262	0.	0.	0.
442	Qm-2	0.	0.	0.026	0.	0.	0.
443	DEAD	0.	0.	0.	0.	0.	0.
443	G1	0.	0.	0.3	0.	0.	0.
443	G2	0.	0.	0.057	0.	0.	0.
443	Qm	0.	0.	0.244	0.	0.	0.
443	Qs	0.	0.	0.019	0.	0.	0.
443	T+	2.556E-14	7.230E-15	0.	0.	0.	0.
443	T-	-2.556E-14	-7.230E-15	0.	0.	0.	0.
443	W	0.	0.	-1.921E-03	0.	0.	0.
443	Qm-1	0.	0.	0.267	0.	0.	0.
443	Qm-2	0.	0.	0.025	0.	0.	0.
444	DEAD	0.	0.	0.	0.	0.	0.
444	G1	0.	0.	0.3	0.	0.	0.
444	G2	0.	0.	0.059	0.	0.	0.
444	Qm	0.	0.	0.249	0.	0.	0.
444	Qs	0.	0.	0.019	0.	0.	0.
444	T+	-1.481E-14	8.686E-15	0.	0.	0.	0.
444	T-	1.481E-14	-8.686E-15	0.	0.	0.	0.
444	W	0.	0.	-5.754E-03	0.	0.	0.
444	Qm-1	0.	0.	0.271	0.	0.	0.

Table 25: Joint Reactions

Joint	OutputCase	F1	F2	F3	M1	M2	M3
		KN	KN	KN	KN-mm	KN-mm	KN-mm
444	Qm-2	0.	0.	0.025	0.	0.	0.
445	DEAD	0.	0.	0.	0.	0.	0.
445	G1	0.	0.	0.3	0.	0.	0.
445	G2	0.	0.	0.06	0.	0.	0.
445	Qm	0.	0.	0.254	0.	0.	0.
445	Qs	0.	0.	0.019	0.	0.	0.
445	T+	-8.125E-15	-4.193E-14	0.	0.	0.	0.
445	T-	8.125E-15	4.193E-14	0.	0.	0.	0.
445	W	0.	0.	-9.588E-03	0.	0.	0.
445	Qm-1	0.	0.	0.276	0.	0.	0.
445	Qm-2	0.	0.	0.024	0.	0.	0.
446	DEAD	0.	0.	0.	0.	0.	0.
446	G1	0.	0.	0.3	0.	0.	0.
446	G2	0.	0.	0.062	0.	0.	0.
446	Qm	0.	0.	0.259	0.	0.	0.
446	Qs	0.	0.	0.019	0.	0.	0.
446	T+	2.064E-14	3.224E-14	0.	0.	0.	0.
446	T-	-2.064E-14	-3.224E-14	0.	0.	0.	0.
446	W	0.	0.	-0.013	0.	0.	0.
446	Qm-1	0.	0.	0.281	0.	0.	0.
446	Qm-2	0.	0.	0.024	0.	0.	0.
447	DEAD	0.	0.	0.	0.	0.	0.
447	G1	0.	0.	0.3	0.	0.	0.
447	G2	0.	0.	0.063	0.	0.	0.
447	Qm	0.	0.	0.264	0.	0.	0.
447	Qs	0.	0.	0.019	0.	0.	0.
447	T+	-2.263E-14	-2.503E-15	0.	0.	0.	0.
447	T-	2.263E-14	2.503E-15	0.	0.	0.	0.
447	W	0.	0.	-0.017	0.	0.	0.
447	Qm-1	0.	0.	0.285	0.	0.	0.
447	Qm-2	0.	0.	0.024	0.	0.	0.
448	DEAD	0.	0.	0.	0.	0.	0.
448	G1	0.	0.	0.15	0.	0.	0.
448	G2	0.	0.	0.032	0.	0.	0.
448	Qm	0.	0.	0.134	0.	0.	0.
448	Qs	0.	0.	9.600E-03	0.	0.	0.
448	T+	-1.691E-14	177.053	0.	0.	0.	0.
448	T-	1.691E-14	-177.053	0.	0.	0.	0.
448	W	0.	0.	-0.011	0.	0.	0.
448	Qm-1	0.	0.	0.145	0.	0.	0.
448	Qm-2	0.	0.	0.012	0.	0.	0.
449	DEAD	0.	0.	0.	0.	0.	0.
449	G1	0.	0.	0.15	0.	0.	0.
449	G2	0.	0.	0.013	0.	0.	0.
449	Qm	0.	0.	0.072	0.	0.	0.
449	Qs	0.	0.	9.600E-03	0.	0.	0.
449	T+	1.417E-14	-177.053	0.	0.	0.	0.
449	T-	-1.417E-14	177.053	0.	0.	0.	0.
449	W	0.	0.	0.041	0.	0.	0.
449	Qm-1	0.	0.	0.086	0.	0.	0.
449	Qm-2	0.	0.	0.017	0.	0.	0.
450	DEAD	0.	0.	0.	0.	0.	0.
450	G1	0.	0.	0.3	0.	0.	0.
450	G2	0.	0.	0.028	0.	0.	0.

Table 25: Joint Reactions

Joint	OutputCase	F1	F2	F3	M1	M2	M3
		KN	KN	KN	KN-mm	KN-mm	KN-mm
450	Qm	0.	0.	0.148	0.	0.	0.
450	Qs	0.	0.	0.019	0.	0.	0.
450	T+	-7.937E-16	-1.630E-14	0.	0.	0.	0.
450	T-	7.937E-16	1.630E-14	0.	0.	0.	0.
450	W	0.	0.	0.078	0.	0.	0.
450	Qm-1	0.	0.	0.177	0.	0.	0.
450	Qm-2	0.	0.	0.033	0.	0.	0.
451	DEAD	0.	0.	0.	0.	0.	0.
451	G1	0.	0.	0.3	0.	0.	0.
451	G2	0.	0.	0.03	0.	0.	0.
451	Qm	0.	0.	0.153	0.	0.	0.
451	Qs	0.	0.	0.019	0.	0.	0.
451	T+	-2.322E-14	1.451E-14	0.	0.	0.	0.
451	T-	2.322E-14	-1.451E-14	0.	0.	0.	0.
451	W	0.	0.	0.075	0.	0.	0.
451	Qm-1	0.	0.	0.182	0.	0.	0.
451	Qm-2	0.	0.	0.032	0.	0.	0.
452	DEAD	0.	0.	0.	0.	0.	0.
452	G1	0.	0.	0.3	0.	0.	0.
452	G2	0.	0.	0.031	0.	0.	0.
452	Qm	0.	0.	0.158	0.	0.	0.
452	Qs	0.	0.	0.019	0.	0.	0.
452	T+	-8.300E-15	-1.333E-14	0.	0.	0.	0.
452	T-	8.300E-15	1.333E-14	0.	0.	0.	0.
452	W	0.	0.	0.071	0.	0.	0.
452	Qm-1	0.	0.	0.187	0.	0.	0.
452	Qm-2	0.	0.	0.032	0.	0.	0.
453	DEAD	0.	0.	0.	0.	0.	0.
453	G1	0.	0.	0.3	0.	0.	0.
453	G2	0.	0.	0.033	0.	0.	0.
453	Qm	0.	0.	0.163	0.	0.	0.
453	Qs	0.	0.	0.019	0.	0.	0.
453	T+	2.006E-14	1.637E-15	0.	0.	0.	0.
453	T-	-2.006E-14	-1.637E-15	0.	0.	0.	0.
453	W	0.	0.	0.067	0.	0.	0.
453	Qm-1	0.	0.	0.191	0.	0.	0.
453	Qm-2	0.	0.	0.032	0.	0.	0.
454	DEAD	0.	0.	0.	0.	0.	0.
454	G1	0.	0.	0.3	0.	0.	0.
454	G2	0.	0.	0.034	0.	0.	0.
454	Qm	0.	0.	0.168	0.	0.	0.
454	Qs	0.	0.	0.019	0.	0.	0.
454	T+	1.102E-14	-6.418E-16	0.	0.	0.	0.
454	T-	-1.102E-14	6.418E-16	0.	0.	0.	0.
454	W	0.	0.	0.063	0.	0.	0.
454	Qm-1	0.	0.	0.196	0.	0.	0.
454	Qm-2	0.	0.	0.031	0.	0.	0.
455	DEAD	0.	0.	0.	0.	0.	0.
455	G1	0.	0.	0.3	0.	0.	0.
455	G2	0.	0.	0.036	0.	0.	0.
455	Qm	0.	0.	0.173	0.	0.	0.
455	Qs	0.	0.	0.019	0.	0.	0.
455	T+	1.708E-14	-1.746E-15	0.	0.	0.	0.
455	T-	-1.708E-14	1.746E-15	0.	0.	0.	0.

Table 25: Joint Reactions

Joint	OutputCase	F1	F2	F3	M1	M2	M3
		KN	KN	KN	KN-mm	KN-mm	KN-mm
455	W	0.	0.	0.059	0.	0.	0.
455	Qm-1	0.	0.	0.201	0.	0.	0.
455	Qm-2	0.	0.	0.031	0.	0.	0.
456	DEAD	0.	0.	0.	0.	0.	0.
456	G1	0.	0.	0.3	0.	0.	0.
456	G2	0.	0.	0.037	0.	0.	0.
456	Qm	0.	0.	0.178	0.	0.	0.
456	Qs	0.	0.	0.019	0.	0.	0.
456	T+	-3.264E-15	3.042E-15	0.	0.	0.	0.
456	T-	3.264E-15	-3.042E-15	0.	0.	0.	0.
456	W	0.	0.	0.055	0.	0.	0.
456	Qm-1	0.	0.	0.205	0.	0.	0.
456	Qm-2	0.	0.	0.03	0.	0.	0.
457	DEAD	0.	0.	0.	0.	0.	0.
457	G1	0.	0.	0.3	0.	0.	0.
457	G2	0.	0.	0.039	0.	0.	0.
457	Qm	0.	0.	0.183	0.	0.	0.
457	Qs	0.	0.	0.019	0.	0.	0.
457	T+	2.824E-15	-1.234E-15	0.	0.	0.	0.
457	T-	-2.824E-15	1.234E-15	0.	0.	0.	0.
457	W	0.	0.	0.052	0.	0.	0.
457	Qm-1	0.	0.	0.21	0.	0.	0.
457	Qm-2	0.	0.	0.03	0.	0.	0.
458	DEAD	0.	0.	0.	0.	0.	0.
458	G1	0.	0.	0.3	0.	0.	0.
458	G2	0.	0.	0.04	0.	0.	0.
458	Qm	0.	0.	0.188	0.	0.	0.
458	Qs	0.	0.	0.019	0.	0.	0.
458	T+	1.356E-14	-1.273E-14	0.	0.	0.	0.
458	T-	-1.356E-14	1.273E-14	0.	0.	0.	0.
458	W	0.	0.	0.048	0.	0.	0.
458	Qm-1	0.	0.	0.215	0.	0.	0.
458	Qm-2	0.	0.	0.03	0.	0.	0.
459	DEAD	0.	0.	0.	0.	0.	0.
459	G1	0.	0.	0.3	0.	0.	0.
459	G2	0.	0.	0.042	0.	0.	0.
459	Qm	0.	0.	0.193	0.	0.	0.
459	Qs	0.	0.	0.019	0.	0.	0.
459	T+	-2.734E-14	7.346E-15	0.	0.	0.	0.
459	T-	2.734E-14	-7.346E-15	0.	0.	0.	0.
459	W	0.	0.	0.044	0.	0.	0.
459	Qm-1	0.	0.	0.219	0.	0.	0.
459	Qm-2	0.	0.	0.029	0.	0.	0.
460	DEAD	0.	0.	0.	0.	0.	0.
460	G1	0.	0.	0.3	0.	0.	0.
460	G2	0.	0.	0.043	0.	0.	0.
460	Qm	0.	0.	0.198	0.	0.	0.
460	Qs	0.	0.	0.019	0.	0.	0.
460	T+	-3.662E-14	5.004E-15	0.	0.	0.	0.
460	T-	3.662E-14	-5.004E-15	0.	0.	0.	0.
460	W	0.	0.	0.04	0.	0.	0.
460	Qm-1	0.	0.	0.224	0.	0.	0.
460	Qm-2	0.	0.	0.029	0.	0.	0.
461	DEAD	0.	0.	0.	0.	0.	0.

Table 25: Joint Reactions

Joint	OutputCase	F1	F2	F3	M1	M2	M3
		KN	KN	KN	KN-mm	KN-mm	KN-mm
461	G1	0.	0.	0.3	0.	0.	0.
461	G2	0.	0.	0.045	0.	0.	0.
461	Qm	0.	0.	0.203	0.	0.	0.
461	Qs	0.	0.	0.019	0.	0.	0.
461	T+	-2.239E-14	-7.019E-15	0.	0.	0.	0.
461	T-	2.239E-14	7.019E-15	0.	0.	0.	0.
461	W	0.	0.	0.036	0.	0.	0.
461	Qm-1	0.	0.	0.229	0.	0.	0.
461	Qm-2	0.	0.	0.028	0.	0.	0.
462	DEAD	0.	0.	0.	0.	0.	0.
462	G1	0.	0.	0.3	0.	0.	0.
462	G2	0.	0.	0.046	0.	0.	0.
462	Qm	0.	0.	0.208	0.	0.	0.
462	Qs	0.	0.	0.019	0.	0.	0.
462	T+	-1.083E-14	9.271E-15	0.	0.	0.	0.
462	T-	1.083E-14	-9.271E-15	0.	0.	0.	0.
462	W	0.	0.	0.033	0.	0.	0.
462	Qm-1	0.	0.	0.233	0.	0.	0.
462	Qm-2	0.	0.	0.028	0.	0.	0.
463	DEAD	0.	0.	0.	0.	0.	0.
463	G1	0.	0.	0.3	0.	0.	0.
463	G2	0.	0.	0.048	0.	0.	0.
463	Qm	0.	0.	0.213	0.	0.	0.
463	Qs	0.	0.	0.019	0.	0.	0.
463	T+	-1.695E-14	3.690E-15	0.	0.	0.	0.
463	T-	1.695E-14	-3.690E-15	0.	0.	0.	0.
463	W	0.	0.	0.029	0.	0.	0.
463	Qm-1	0.	0.	0.238	0.	0.	0.
463	Qm-2	0.	0.	0.028	0.	0.	0.
464	DEAD	0.	0.	0.	0.	0.	0.
464	G1	0.	0.	0.3	0.	0.	0.
464	G2	0.	0.	0.049	0.	0.	0.
464	Qm	0.	0.	0.218	0.	0.	0.
464	Qs	0.	0.	0.019	0.	0.	0.
464	T+	1.157E-15	-8.575E-15	0.	0.	0.	0.
464	T-	-1.157E-15	8.575E-15	0.	0.	0.	0.
464	W	0.	0.	0.025	0.	0.	0.
464	Qm-1	0.	0.	0.243	0.	0.	0.
464	Qm-2	0.	0.	0.027	0.	0.	0.
465	DEAD	0.	0.	0.	0.	0.	0.
465	G1	0.	0.	0.3	0.	0.	0.
465	G2	0.	0.	0.051	0.	0.	0.
465	Qm	0.	0.	0.223	0.	0.	0.
465	Qs	0.	0.	0.019	0.	0.	0.
465	T+	1.649E-14	1.411E-14	0.	0.	0.	0.
465	T-	-1.649E-14	-1.411E-14	0.	0.	0.	0.
465	W	0.	0.	0.021	0.	0.	0.
465	Qm-1	0.	0.	0.247	0.	0.	0.
465	Qm-2	0.	0.	0.027	0.	0.	0.
466	DEAD	0.	0.	0.	0.	0.	0.
466	G1	0.	0.	0.3	0.	0.	0.
466	G2	0.	0.	0.053	0.	0.	0.
466	Qm	0.	0.	0.228	0.	0.	0.
466	Qs	0.	0.	0.019	0.	0.	0.

Table 25: Joint Reactions

Joint	OutputCase	F1	F2	F3	M1	M2	M3
		KN	KN	KN	KN-mm	KN-mm	KN-mm
466	T+	2.129E-14	2.643E-14	0.	0.	0.	0.
466	T-	-2.129E-14	-2.643E-14	0.	0.	0.	0.
466	W	0.	0.	0.017	0.	0.	0.
466	Qm-1	0.	0.	0.252	0.	0.	0.
466	Qm-2	0.	0.	0.026	0.	0.	0.
467	DEAD	0.	0.	0.	0.	0.	0.
467	G1	0.	0.	0.3	0.	0.	0.
467	G2	0.	0.	0.054	0.	0.	0.
467	Qm	0.	0.	0.233	0.	0.	0.
467	Qs	0.	0.	0.019	0.	0.	0.
467	T+	6.160E-15	2.444E-15	0.	0.	0.	0.
467	T-	-6.160E-15	-2.444E-15	0.	0.	0.	0.
467	W	0.	0.	0.013	0.	0.	0.
467	Qm-1	0.	0.	0.257	0.	0.	0.
467	Qm-2	0.	0.	0.026	0.	0.	0.
468	DEAD	0.	0.	0.	0.	0.	0.
468	G1	0.	0.	0.3	0.	0.	0.
468	G2	0.	0.	0.056	0.	0.	0.
468	Qm	0.	0.	0.238	0.	0.	0.
468	Qs	0.	0.	0.019	0.	0.	0.
468	T+	8.667E-15	1.134E-14	0.	0.	0.	0.
468	T-	-8.667E-15	-1.134E-14	0.	0.	0.	0.
468	W	0.	0.	9.567E-03	0.	0.	0.
468	Qm-1	0.	0.	0.261	0.	0.	0.
468	Qm-2	0.	0.	0.026	0.	0.	0.
469	DEAD	0.	0.	0.	0.	0.	0.
469	G1	0.	0.	0.3	0.	0.	0.
469	G2	0.	0.	0.057	0.	0.	0.
469	Qm	0.	0.	0.243	0.	0.	0.
469	Qs	0.	0.	0.019	0.	0.	0.
469	T+	5.160E-15	1.819E-14	0.	0.	0.	0.
469	T-	-5.160E-15	-1.819E-14	0.	0.	0.	0.
469	W	0.	0.	5.735E-03	0.	0.	0.
469	Qm-1	0.	0.	0.266	0.	0.	0.
469	Qm-2	0.	0.	0.025	0.	0.	0.
470	DEAD	0.	0.	0.	0.	0.	0.
470	G1	0.	0.	0.3	0.	0.	0.
470	G2	0.	0.	0.059	0.	0.	0.
470	Qm	0.	0.	0.248	0.	0.	0.
470	Qs	0.	0.	0.019	0.	0.	0.
470	T+	-2.998E-15	-5.278E-15	0.	0.	0.	0.
470	T-	2.998E-15	5.278E-15	0.	0.	0.	0.
470	W	0.	0.	1.901E-03	0.	0.	0.
470	Qm-1	0.	0.	0.271	0.	0.	0.
470	Qm-2	0.	0.	0.025	0.	0.	0.
471	DEAD	0.	0.	0.	0.	0.	0.
471	G1	0.	0.	0.3	0.	0.	0.
471	G2	0.	0.	0.06	0.	0.	0.
471	Qm	0.	0.	0.253	0.	0.	0.
471	Qs	0.	0.	0.019	0.	0.	0.
471	T+	2.877E-14	6.639E-15	0.	0.	0.	0.
471	T-	-2.877E-14	-6.639E-15	0.	0.	0.	0.
471	W	0.	0.	-1.933E-03	0.	0.	0.
471	Qm-1	0.	0.	0.275	0.	0.	0.

Table 25: Joint Reactions

Joint	OutputCase	F1	F2	F3	M1	M2	M3
		KN	KN	KN	KN-mm	KN-mm	KN-mm
471	Qm-2	0.	0.	0.024	0.	0.	0.
472	DEAD	0.	0.	0.	0.	0.	0.
472	G1	0.	0.	0.3	0.	0.	0.
472	G2	0.	0.	0.062	0.	0.	0.
472	Qm	0.	0.	0.258	0.	0.	0.
472	Qs	0.	0.	0.019	0.	0.	0.
472	T+	4.976E-15	3.318E-15	0.	0.	0.	0.
472	T-	-4.976E-15	-3.318E-15	0.	0.	0.	0.
472	W	0.	0.	-5.769E-03	0.	0.	0.
472	Qm-1	0.	0.	0.28	0.	0.	0.
472	Qm-2	0.	0.	0.024	0.	0.	0.
473	DEAD	0.	0.	0.	0.	0.	0.
473	G1	0.	0.	0.3	0.	0.	0.
473	G2	0.	0.	0.063	0.	0.	0.
473	Qm	0.	0.	0.263	0.	0.	0.
473	Qs	0.	0.	0.019	0.	0.	0.
473	T+	1.931E-14	1.181E-14	0.	0.	0.	0.
473	T-	-1.931E-14	-1.181E-14	0.	0.	0.	0.
473	W	0.	-5.6	-9.607E-03	0.	0.	0.
473	Qm-1	0.	0.	0.285	0.	0.	0.
473	Qm-2	0.	0.	0.024	0.	0.	0.
474	DEAD	0.	0.	0.	0.	0.	0.
474	G1	0.	0.	0.15	0.	0.	0.
474	G2	0.	0.	0.032	0.	0.	0.
474	Qm	0.	0.	0.134	0.	0.	0.
474	Qs	0.	0.	9.600E-03	0.	0.	0.
474	T+	1.884E-14	177.053	0.	0.	0.	0.
474	T-	-1.884E-14	-177.053	0.	0.	0.	0.
474	W	0.	0.	-6.723E-03	0.	0.	0.
474	Qm-1	0.	0.	0.145	0.	0.	0.
474	Qm-2	0.	0.	0.012	0.	0.	0.
475	DEAD	0.	0.	0.	0.	0.	0.
475	G1	0.	0.	0.15	0.	0.	0.
475	G2	0.	0.	0.013	0.	0.	0.
475	Qm	0.	0.	0.071	0.	0.	0.
475	Qs	0.	0.	9.600E-03	0.	0.	0.
475	T+	-1.712E-15	-177.053	0.	0.	0.	0.
475	T-	1.712E-15	177.053	0.	0.	0.	0.
475	W	0.	0.	0.045	0.	0.	0.
475	Qm-1	0.	0.	0.086	0.	0.	0.
475	Qm-2	0.	0.	0.017	0.	0.	0.
476	DEAD	0.	0.	0.	0.	0.	0.
476	G1	0.	0.	0.3	0.	0.	0.
476	G2	0.	0.	0.028	0.	0.	0.
476	Qm	0.	0.	0.148	0.	0.	0.
476	Qs	0.	0.	0.019	0.	0.	0.
476	T+	1.533E-15	1.664E-14	0.	0.	0.	0.
476	T-	-1.533E-15	-1.664E-14	0.	0.	0.	0.
476	W	0.	0.	0.086	0.	0.	0.
476	Qm-1	0.	0.	0.177	0.	0.	0.
476	Qm-2	0.	0.	0.033	0.	0.	0.
477	DEAD	0.	0.	0.	0.	0.	0.
477	G1	0.	0.	0.3	0.	0.	0.
477	G2	0.	0.	0.03	0.	0.	0.

Table 25: Joint Reactions

Joint	OutputCase	F1	F2	F3	M1	M2	M3
		KN	KN	KN	KN-mm	KN-mm	KN-mm
477	Qm	0.	0.	0.153	0.	0.	0.
477	Qs	0.	0.	0.019	0.	0.	0.
477	T+	2.679E-14	-1.603E-14	0.	0.	0.	0.
477	T-	-2.679E-14	1.603E-14	0.	0.	0.	0.
477	W	0.	0.	0.082	0.	0.	0.
477	Qm-1	0.	0.	0.181	0.	0.	0.
477	Qm-2	0.	0.	0.032	0.	0.	0.
478	DEAD	0.	0.	0.	0.	0.	0.
478	G1	0.	0.	0.3	0.	0.	0.
478	G2	0.	0.	0.031	0.	0.	0.
478	Qm	0.	0.	0.158	0.	0.	0.
478	Qs	0.	0.	0.019	0.	0.	0.
478	T+	8.874E-15	-1.482E-15	0.	0.	0.	0.
478	T-	-8.874E-15	1.482E-15	0.	0.	0.	0.
478	W	0.	0.	0.078	0.	0.	0.
478	Qm-1	0.	0.	0.186	0.	0.	0.
478	Qm-2	0.	0.	0.032	0.	0.	0.
479	DEAD	0.	0.	0.	0.	0.	0.
479	G1	0.	0.	0.3	0.	0.	0.
479	G2	0.	0.	0.033	0.	0.	0.
479	Qm	0.	0.	0.163	0.	0.	0.
479	Qs	0.	0.	0.019	0.	0.	0.
479	T+	5.448E-15	4.720E-15	0.	0.	0.	0.
479	T-	-5.448E-15	-4.720E-15	0.	0.	0.	0.
479	W	0.	0.	0.075	0.	0.	0.
479	Qm-1	0.	0.	0.191	0.	0.	0.
479	Qm-2	0.	0.	0.032	0.	0.	0.
480	DEAD	0.	0.	0.	0.	0.	0.
480	G1	0.	0.	0.3	0.	0.	0.
480	G2	0.	0.	0.034	0.	0.	0.
480	Qm	0.	0.	0.168	0.	0.	0.
480	Qs	0.	0.	0.019	0.	0.	0.
480	T+	1.123E-15	-3.045E-14	0.	0.	0.	0.
480	T-	-1.123E-15	3.045E-14	0.	0.	0.	0.
480	W	0.	0.	0.071	0.	0.	0.
480	Qm-1	0.	0.	0.195	0.	0.	0.
480	Qm-2	0.	0.	0.031	0.	0.	0.
481	DEAD	0.	0.	0.	0.	0.	0.
481	G1	0.	0.	0.3	0.	0.	0.
481	G2	0.	0.	0.036	0.	0.	0.
481	Qm	0.	0.	0.173	0.	0.	0.
481	Qs	0.	0.	0.019	0.	0.	0.
481	T+	1.427E-14	2.924E-15	0.	0.	0.	0.
481	T-	-1.427E-14	-2.924E-15	0.	0.	0.	0.
481	W	0.	0.	0.067	0.	0.	0.
481	Qm-1	0.	0.	0.2	0.	0.	0.
481	Qm-2	0.	0.	0.031	0.	0.	0.
482	DEAD	0.	0.	0.	0.	0.	0.
482	G1	0.	0.	0.3	0.	0.	0.
482	G2	0.	0.	0.037	0.	0.	0.
482	Qm	0.	0.	0.178	0.	0.	0.
482	Qs	0.	0.	0.019	0.	0.	0.
482	T+	-1.008E-14	2.419E-14	0.	0.	0.	0.
482	T-	1.008E-14	-2.419E-14	0.	0.	0.	0.

Table 25: Joint Reactions

Joint	OutputCase	F1	F2	F3	M1	M2	M3
		KN	KN	KN	KN-mm	KN-mm	KN-mm
482	W	0.	0.	0.063	0.	0.	0.
482	Qm-1	0.	0.	0.205	0.	0.	0.
482	Qm-2	0.	0.	0.03	0.	0.	0.
483	DEAD	0.	0.	0.	0.	0.	0.
483	G1	0.	0.	0.3	0.	0.	0.
483	G2	0.	0.	0.039	0.	0.	0.
483	Qm	0.	0.	0.183	0.	0.	0.
483	Qs	0.	0.	0.019	0.	0.	0.
483	T+	-3.901E-15	-1.330E-14	0.	0.	0.	0.
483	T-	3.901E-15	1.330E-14	0.	0.	0.	0.
483	W	0.	0.	0.059	0.	0.	0.
483	Qm-1	0.	0.	0.209	0.	0.	0.
483	Qm-2	0.	0.	0.03	0.	0.	0.
484	DEAD	0.	0.	0.	0.	0.	0.
484	G1	0.	0.	0.3	0.	0.	0.
484	G2	0.	0.	0.04	0.	0.	0.
484	Qm	0.	0.	0.188	0.	0.	0.
484	Qs	0.	0.	0.019	0.	0.	0.
484	T+	-1.458E-15	-2.124E-15	0.	0.	0.	0.
484	T-	1.458E-15	2.124E-15	0.	0.	0.	0.
484	W	0.	0.	0.056	0.	0.	0.
484	Qm-1	0.	0.	0.214	0.	0.	0.
484	Qm-2	0.	0.	0.03	0.	0.	0.
485	DEAD	0.	0.	0.	0.	0.	0.
485	G1	0.	0.	0.3	0.	0.	0.
485	G2	0.	0.	0.042	0.	0.	0.
485	Qm	0.	0.	0.193	0.	0.	0.
485	Qs	0.	0.	0.019	0.	0.	0.
485	T+	1.378E-14	1.625E-14	0.	0.	0.	0.
485	T-	-1.378E-14	-1.625E-14	0.	0.	0.	0.
485	W	0.	0.	0.052	0.	0.	0.
485	Qm-1	0.	0.	0.219	0.	0.	0.
485	Qm-2	0.	0.	0.029	0.	0.	0.
486	DEAD	0.	0.	0.	0.	0.	0.
486	G1	0.	0.	0.3	0.	0.	0.
486	G2	0.	0.	0.043	0.	0.	0.
486	Qm	0.	0.	0.198	0.	0.	0.
486	Qs	0.	0.	0.019	0.	0.	0.
486	T+	1.842E-14	-3.104E-14	0.	0.	0.	0.
486	T-	-1.842E-14	3.104E-14	0.	0.	0.	0.
486	W	0.	0.	0.048	0.	0.	0.
486	Qm-1	0.	0.	0.223	0.	0.	0.
486	Qm-2	0.	0.	0.029	0.	0.	0.
487	DEAD	0.	0.	0.	0.	0.	0.
487	G1	0.	0.	0.3	0.	0.	0.
487	G2	0.	0.	0.045	0.	0.	0.
487	Qm	0.	0.	0.203	0.	0.	0.
487	Qs	0.	0.	0.019	0.	0.	0.
487	T+	1.295E-14	3.650E-14	0.	0.	0.	0.
487	T-	-1.295E-14	-3.650E-14	0.	0.	0.	0.
487	W	0.	0.	0.044	0.	0.	0.
487	Qm-1	0.	0.	0.228	0.	0.	0.
487	Qm-2	0.	0.	0.028	0.	0.	0.
488	DEAD	0.	0.	0.	0.	0.	0.

Table 25: Joint Reactions

Joint	OutputCase	F1	F2	F3	M1	M2	M3
		KN	KN	KN	KN-mm	KN-mm	KN-mm
488	G1	0.	0.	0.3	0.	0.	0.
488	G2	0.	0.	0.046	0.	0.	0.
488	Qm	0.	0.	0.208	0.	0.	0.
488	Qs	0.	0.	0.019	0.	0.	0.
488	T+	1.105E-14	-3.674E-14	0.	0.	0.	0.
488	T-	-1.105E-14	3.674E-14	0.	0.	0.	0.
488	W	0.	0.	0.04	0.	0.	0.
488	Qm-1	0.	0.	0.233	0.	0.	0.
488	Qm-2	0.	0.	0.028	0.	0.	0.
489	DEAD	0.	0.	0.	0.	0.	0.
489	G1	0.	0.	0.3	0.	0.	0.
489	G2	0.	0.	0.048	0.	0.	0.
489	Qm	0.	0.	0.213	0.	0.	0.
489	Qs	0.	0.	0.019	0.	0.	0.
489	T+	-1.363E-14	4.727E-14	0.	0.	0.	0.
489	T-	1.363E-14	-4.727E-14	0.	0.	0.	0.
489	W	0.	0.	0.036	0.	0.	0.
489	Qm-1	0.	0.	0.237	0.	0.	0.
489	Qm-2	0.	0.	0.028	0.	0.	0.
490	DEAD	0.	0.	0.	0.	0.	0.
490	G1	0.	0.	0.3	0.	0.	0.
490	G2	0.	0.	0.049	0.	0.	0.
490	Qm	0.	0.	0.218	0.	0.	0.
490	Qs	0.	0.	0.019	0.	0.	0.
490	T+	-9.614E-15	-1.744E-14	0.	0.	0.	0.
490	T-	9.614E-15	1.744E-14	0.	0.	0.	0.
490	W	0.	0.	0.033	0.	0.	0.
490	Qm-1	0.	0.	0.242	0.	0.	0.
490	Qm-2	0.	0.	0.027	0.	0.	0.
491	DEAD	0.	0.	0.	0.	0.	0.
491	G1	0.	0.	0.3	0.	0.	0.
491	G2	0.	0.	0.051	0.	0.	0.
491	Qm	0.	0.	0.223	0.	0.	0.
491	Qs	0.	0.	0.019	0.	0.	0.
491	T+	7.065E-15	1.337E-14	0.	0.	0.	0.
491	T-	-7.065E-15	-1.337E-14	0.	0.	0.	0.
491	W	0.	0.	0.029	0.	0.	0.
491	Qm-1	0.	0.	0.247	0.	0.	0.
491	Qm-2	0.	0.	0.027	0.	0.	0.
492	DEAD	0.	0.	0.	0.	0.	0.
492	G1	0.	0.	0.3	0.	0.	0.
492	G2	0.	0.	0.053	0.	0.	0.
492	Qm	0.	0.	0.228	0.	0.	0.
492	Qs	0.	0.	0.019	0.	0.	0.
492	T+	2.192E-14	1.218E-15	0.	0.	0.	0.
492	T-	-2.192E-14	-1.218E-15	0.	0.	0.	0.
492	W	0.	0.	0.025	0.	0.	0.
492	Qm-1	0.	0.	0.251	0.	0.	0.
492	Qm-2	0.	0.	0.026	0.	0.	0.
493	DEAD	0.	0.	0.	0.	0.	0.
493	G1	0.	0.	0.3	0.	0.	0.
493	G2	0.	0.	0.054	0.	0.	0.
493	Qm	0.	0.	0.233	0.	0.	0.
493	Qs	0.	0.	0.019	0.	0.	0.

Table 25: Joint Reactions

Joint	OutputCase	F1	F2	F3	M1	M2	M3
		KN	KN	KN	KN-mm	KN-mm	KN-mm
493	T+	7.703E-15	-2.949E-14	0.	0.	0.	0.
493	T-	-7.703E-15	2.949E-14	0.	0.	0.	0.
493	W	0.	0.	0.021	0.	0.	0.
493	Qm-1	0.	0.	0.256	0.	0.	0.
493	Qm-2	0.	0.	0.026	0.	0.	0.
494	DEAD	0.	0.	0.	0.	0.	0.
494	G1	0.	0.	0.3	0.	0.	0.
494	G2	0.	0.	0.056	0.	0.	0.
494	Qm	0.	0.	0.238	0.	0.	0.
494	Qs	0.	0.	0.019	0.	0.	0.
494	T+	2.054E-14	3.188E-15	0.	0.	0.	0.
494	T-	-2.054E-14	-3.188E-15	0.	0.	0.	0.
494	W	0.	0.	0.017	0.	0.	0.
494	Qm-1	0.	0.	0.261	0.	0.	0.
494	Qm-2	0.	0.	0.026	0.	0.	0.
495	DEAD	0.	0.	0.	0.	0.	0.
495	G1	0.	0.	0.3	0.	0.	0.
495	G2	0.	0.	0.057	0.	0.	0.
495	Qm	0.	0.	0.243	0.	0.	0.
495	Qs	0.	0.	0.019	0.	0.	0.
495	T+	2.311E-14	1.028E-14	0.	0.	0.	0.
495	T-	-2.311E-14	-1.028E-14	0.	0.	0.	0.
495	W	0.	0.	0.013	0.	0.	0.
495	Qm-1	0.	0.	0.265	0.	0.	0.
495	Qm-2	0.	0.	0.025	0.	0.	0.
496	DEAD	0.	0.	0.	0.	0.	0.
496	G1	0.	0.	0.3	0.	0.	0.
496	G2	0.	0.	0.059	0.	0.	0.
496	Qm	0.	0.	0.248	0.	0.	0.
496	Qs	0.	0.	0.019	0.	0.	0.
496	T+	1.635E-14	1.579E-14	0.	0.	0.	0.
496	T-	-1.635E-14	-1.579E-14	0.	0.	0.	0.
496	W	0.	0.	9.557E-03	0.	0.	0.
496	Qm-1	0.	0.	0.27	0.	0.	0.
496	Qm-2	0.	0.	0.025	0.	0.	0.
497	DEAD	0.	0.	0.	0.	0.	0.
497	G1	0.	0.	0.3	0.	0.	0.
497	G2	0.	0.	0.06	0.	0.	0.
497	Qm	0.	0.	0.253	0.	0.	0.
497	Qs	0.	0.	0.019	0.	0.	0.
497	T+	-1.373E-14	-4.187E-14	0.	0.	0.	0.
497	T-	1.373E-14	4.187E-14	0.	0.	0.	0.
497	W	0.	0.	5.722E-03	0.	0.	0.
497	Qm-1	0.	0.	0.275	0.	0.	0.
497	Qm-2	0.	0.	0.024	0.	0.	0.
498	DEAD	0.	0.	0.	0.	0.	0.
498	G1	0.	0.	0.3	0.	0.	0.
498	G2	0.	0.	0.062	0.	0.	0.
498	Qm	0.	0.	0.258	0.	0.	0.
498	Qs	0.	0.	0.019	0.	0.	0.
498	T+	1.156E-14	1.504E-14	0.	0.	0.	0.
498	T-	-1.156E-14	-1.504E-14	0.	0.	0.	0.
498	W	0.	0.	1.886E-03	0.	0.	0.
498	Qm-1	0.	0.	0.279	0.	0.	0.

Table 25: Joint Reactions

Joint	OutputCase	F1	F2	F3	M1	M2	M3
		KN	KN	KN	KN-mm	KN-mm	KN-mm
498	Qm-2	0.	0.	0.024	0.	0.	0.
499	DEAD	0.	0.	0.	0.	0.	0.
499	G1	0.	0.	0.3	0.	0.	0.
499	G2	0.	0.	0.063	0.	0.	0.
499	Qm	0.	0.	0.263	0.	0.	0.
499	Qs	0.	0.	0.019	0.	0.	0.
499	T+	4.383E-15	-5.987E-15	0.	0.	0.	0.
499	T-	-4.383E-15	5.987E-15	0.	0.	0.	0.
499	W	0.	0.	-1.951E-03	0.	0.	0.
499	Qm-1	0.	0.	0.284	0.	0.	0.
499	Qm-2	0.	0.	0.024	0.	0.	0.
500	DEAD	0.	0.	0.	0.	0.	0.
500	G1	0.	0.	0.15	0.	0.	0.
500	G2	0.	0.	0.032	0.	0.	0.
500	Qm	0.	0.	0.134	0.	0.	0.
500	Qs	0.	0.	9.600E-03	0.	0.	0.
500	T+	-2.224E-15	177.053	0.	0.	0.	0.
500	T-	2.224E-15	-177.053	0.	0.	0.	0.
500	W	0.	0.	-2.895E-03	0.	0.	0.
500	Qm-1	0.	0.	0.144	0.	0.	0.
500	Qm-2	0.	0.	0.012	0.	0.	0.
501	DEAD	0.	0.	0.	0.	0.	0.
501	G1	0.	0.	0.15	0.	0.	0.
501	G2	0.	0.	0.013	0.	0.	0.
501	Qm	0.	0.	0.071	0.	0.	0.
501	Qs	0.	0.	9.600E-03	0.	0.	0.
501	T+	1.080E-15	-177.053	0.	0.	0.	0.
501	T-	-1.080E-15	177.053	0.	0.	0.	0.
501	W	0.	0.	0.049	0.	0.	0.
501	Qm-1	0.	0.	0.086	0.	0.	0.
501	Qm-2	0.	0.	0.017	0.	0.	0.
502	DEAD	0.	0.	0.	0.	0.	0.
502	G1	0.	0.	0.3	0.	0.	0.
502	G2	0.	0.	0.028	0.	0.	0.
502	Qm	0.	0.	0.147	0.	0.	0.
502	Qs	0.	0.	0.019	0.	0.	0.
502	T+	1.291E-14	1.623E-16	0.	0.	0.	0.
502	T-	-1.291E-14	-1.623E-16	0.	0.	0.	0.
502	W	0.	0.	0.094	0.	0.	0.
502	Qm-1	0.	0.	0.176	0.	0.	0.
502	Qm-2	0.	0.	0.033	0.	0.	0.
503	DEAD	0.	0.	0.	0.	0.	0.
503	G1	0.	0.	0.3	0.	0.	0.
503	G2	0.	0.	0.03	0.	0.	0.
503	Qm	0.	0.	0.152	0.	0.	0.
503	Qs	0.	0.	0.019	0.	0.	0.
503	T+	1.265E-15	-3.794E-16	0.	0.	0.	0.
503	T-	-1.265E-15	3.794E-16	0.	0.	0.	0.
503	W	0.	0.	0.09	0.	0.	0.
503	Qm-1	0.	0.	0.181	0.	0.	0.
503	Qm-2	0.	0.	0.032	0.	0.	0.
504	DEAD	0.	0.	0.	0.	0.	0.
504	G1	0.	0.	0.3	0.	0.	0.
504	G2	0.	0.	0.031	0.	0.	0.

Table 25: Joint Reactions

Joint	OutputCase	F1	F2	F3	M1	M2	M3
		KN	KN	KN	KN-mm	KN-mm	KN-mm
504	Qm	0.	0.	0.157	0.	0.	0.
504	Qs	0.	0.	0.019	0.	0.	0.
504	T+	1.245E-14	-1.307E-14	0.	0.	0.	0.
504	T-	-1.245E-14	1.307E-14	0.	0.	0.	0.
504	W	0.	0.	0.086	0.	0.	0.
504	Qm-1	0.	0.	0.185	0.	0.	0.
504	Qm-2	0.	0.	0.032	0.	0.	0.
505	DEAD	0.	0.	0.	0.	0.	0.
505	G1	0.	0.	0.3	0.	0.	0.
505	G2	0.	0.	0.033	0.	0.	0.
505	Qm	0.	0.	0.162	0.	0.	0.
505	Qs	0.	0.	0.019	0.	0.	0.
505	T+	-8.947E-15	-6.380E-15	0.	0.	0.	0.
505	T-	8.947E-15	6.380E-15	0.	0.	0.	0.
505	W	0.	0.	0.082	0.	0.	0.
505	Qm-1	0.	0.	0.19	0.	0.	0.
505	Qm-2	0.	0.	0.032	0.	0.	0.
506	DEAD	0.	0.	0.	0.	0.	0.
506	G1	0.	0.	0.3	0.	0.	0.
506	G2	0.	0.	0.034	0.	0.	0.
506	Qm	0.	0.	0.167	0.	0.	0.
506	Qs	0.	0.	0.019	0.	0.	0.
506	T+	9.252E-15	3.189E-14	0.	0.	0.	0.
506	T-	-9.252E-15	-3.189E-14	0.	0.	0.	0.
506	W	0.	0.	0.078	0.	0.	0.
506	Qm-1	0.	0.	0.195	0.	0.	0.
506	Qm-2	0.	0.	0.031	0.	0.	0.
507	DEAD	0.	0.	0.	0.	0.	0.
507	G1	0.	0.	0.3	0.	0.	0.
507	G2	0.	0.	0.036	0.	0.	0.
507	Qm	0.	0.	0.172	0.	0.	0.
507	Qs	0.	0.	0.019	0.	0.	0.
507	T+	-4.185E-14	-3.222E-14	0.	0.	0.	0.
507	T-	4.185E-14	3.222E-14	0.	0.	0.	0.
507	W	0.	0.	0.075	0.	0.	0.
507	Qm-1	0.	0.	0.199	0.	0.	0.
507	Qm-2	0.	0.	0.031	0.	0.	0.
508	DEAD	0.	0.	0.	0.	0.	0.
508	G1	0.	0.	0.3	0.	0.	0.
508	G2	0.	0.	0.037	0.	0.	0.
508	Qm	0.	0.	0.177	0.	0.	0.
508	Qs	0.	0.	0.019	0.	0.	0.
508	T+	-1.951E-14	3.398E-14	0.	0.	0.	0.
508	T-	1.951E-14	-3.398E-14	0.	0.	0.	0.
508	W	0.	0.	0.071	0.	0.	0.
508	Qm-1	0.	0.	0.204	0.	0.	0.
508	Qm-2	0.	0.	0.03	0.	0.	0.
509	DEAD	0.	0.	0.	0.	0.	0.
509	G1	0.	0.	0.3	0.	0.	0.
509	G2	0.	0.	0.039	0.	0.	0.
509	Qm	0.	0.	0.182	0.	0.	0.
509	Qs	0.	0.	0.019	0.	0.	0.
509	T+	1.912E-14	-5.906E-15	0.	0.	0.	0.
509	T-	-1.912E-14	5.906E-15	0.	0.	0.	0.

Table 25: Joint Reactions

Joint	OutputCase	F1	F2	F3	M1	M2	M3
		KN	KN	KN	KN-mm	KN-mm	KN-mm
509	W	0.	0.	0.067	0.	0.	0.
509	Qm-1	0.	0.	0.209	0.	0.	0.
509	Qm-2	0.	0.	0.03	0.	0.	0.
510	DEAD	0.	0.	0.	0.	0.	0.
510	G1	0.	0.	0.3	0.	0.	0.
510	G2	0.	0.	0.04	0.	0.	0.
510	Qm	0.	0.	0.187	0.	0.	0.
510	Qs	0.	0.	0.019	0.	0.	0.
510	T+	4.463E-16	-9.684E-15	0.	0.	0.	0.
510	T-	-4.463E-16	9.684E-15	0.	0.	0.	0.
510	W	0.	0.	0.063	0.	0.	0.
510	Qm-1	0.	0.	0.213	0.	0.	0.
510	Qm-2	0.	0.	0.03	0.	0.	0.
511	DEAD	0.	0.	0.	0.	0.	0.
511	G1	0.	0.	0.3	0.	0.	0.
511	G2	0.	0.	0.042	0.	0.	0.
511	Qm	0.	0.	0.192	0.	0.	0.
511	Qs	0.	0.	0.019	0.	0.	0.
511	T+	1.473E-14	2.771E-14	0.	0.	0.	0.
511	T-	-1.473E-14	-2.771E-14	0.	0.	0.	0.
511	W	0.	0.	0.059	0.	0.	0.
511	Qm-1	0.	0.	0.218	0.	0.	0.
511	Qm-2	0.	0.	0.029	0.	0.	0.
512	DEAD	0.	0.	0.	0.	0.	0.
512	G1	0.	0.	0.3	0.	0.	0.
512	G2	0.	0.	0.043	0.	0.	0.
512	Qm	0.	0.	0.197	0.	0.	0.
512	Qs	0.	0.	0.019	0.	0.	0.
512	T+	1.207E-14	-2.550E-14	0.	0.	0.	0.
512	T-	-1.207E-14	2.550E-14	0.	0.	0.	0.
512	W	0.	0.	0.056	0.	0.	0.
512	Qm-1	0.	0.	0.223	0.	0.	0.
512	Qm-2	0.	0.	0.029	0.	0.	0.
513	DEAD	0.	0.	0.	0.	0.	0.
513	G1	0.	0.	0.3	0.	0.	0.
513	G2	0.	0.	0.045	0.	0.	0.
513	Qm	0.	0.	0.202	0.	0.	0.
513	Qs	0.	0.	0.019	0.	0.	0.
513	T+	3.752E-16	-5.808E-15	0.	0.	0.	0.
513	T-	-3.752E-16	5.808E-15	0.	0.	0.	0.
513	W	0.	0.	0.052	0.	0.	0.
513	Qm-1	0.	0.	0.227	0.	0.	0.
513	Qm-2	0.	0.	0.028	0.	0.	0.
514	DEAD	0.	0.	0.	0.	0.	0.
514	G1	0.	0.	0.3	0.	0.	0.
514	G2	0.	0.	0.046	0.	0.	0.
514	Qm	0.	0.	0.207	0.	0.	0.
514	Qs	0.	0.	0.019	0.	0.	0.
514	T+	-1.425E-14	5.097E-15	0.	0.	0.	0.
514	T-	1.425E-14	-5.097E-15	0.	0.	0.	0.
514	W	0.	0.	0.048	0.	0.	0.
514	Qm-1	0.	0.	0.232	0.	0.	0.
514	Qm-2	0.	0.	0.028	0.	0.	0.
515	DEAD	0.	0.	0.	0.	0.	0.

Table 25: Joint Reactions

Joint	OutputCase	F1	F2	F3	M1	M2	M3
		KN	KN	KN	KN-mm	KN-mm	KN-mm
515	G1	0.	0.	0.3	0.	0.	0.
515	G2	0.	0.	0.048	0.	0.	0.
515	Qm	0.	0.	0.212	0.	0.	0.
515	Qs	0.	0.	0.019	0.	0.	0.
515	T+	1.658E-14	-4.390E-14	0.	0.	0.	0.
515	T-	-1.658E-14	4.390E-14	0.	0.	0.	0.
515	W	0.	0.	0.044	0.	0.	0.
515	Qm-1	0.	0.	0.237	0.	0.	0.
515	Qm-2	0.	0.	0.028	0.	0.	0.
516	DEAD	0.	0.	0.	0.	0.	0.
516	G1	0.	0.	0.3	0.	0.	0.
516	G2	0.	0.	0.049	0.	0.	0.
516	Qm	0.	0.	0.217	0.	0.	0.
516	Qs	0.	0.	0.019	0.	0.	0.
516	T+	-4.318E-15	1.509E-14	0.	0.	0.	0.
516	T-	4.318E-15	-1.509E-14	0.	0.	0.	0.
516	W	0.	0.	0.04	0.	0.	0.
516	Qm-1	0.	0.	0.241	0.	0.	0.
516	Qm-2	0.	0.	0.027	0.	0.	0.
517	DEAD	0.	0.	0.	0.	0.	0.
517	G1	0.	0.	0.3	0.	0.	0.
517	G2	0.	0.	0.051	0.	0.	0.
517	Qm	0.	0.	0.222	0.	0.	0.
517	Qs	0.	0.	0.019	0.	0.	0.
517	T+	2.092E-14	-1.620E-14	0.	0.	0.	0.
517	T-	-2.092E-14	1.620E-14	0.	0.	0.	0.
517	W	0.	0.	0.036	0.	0.	0.
517	Qm-1	0.	0.	0.246	0.	0.	0.
517	Qm-2	0.	0.	0.027	0.	0.	0.
518	DEAD	0.	0.	0.	0.	0.	0.
518	G1	0.	0.	0.3	0.	0.	0.
518	G2	0.	0.	0.053	0.	0.	0.
518	Qm	0.	0.	0.227	0.	0.	0.
518	Qs	0.	0.	0.019	0.	0.	0.
518	T+	-7.390E-15	1.621E-14	0.	0.	0.	0.
518	T-	7.390E-15	-1.621E-14	0.	0.	0.	0.
518	W	0.	0.	0.033	0.	0.	0.
518	Qm-1	0.	0.	0.251	0.	0.	0.
518	Qm-2	0.	0.	0.026	0.	0.	0.
519	DEAD	0.	0.	0.	0.	0.	0.
519	G1	0.	0.	0.3	0.	0.	0.
519	G2	0.	0.	0.054	0.	0.	0.
519	Qm	0.	0.	0.232	0.	0.	0.
519	Qs	0.	0.	0.019	0.	0.	0.
519	T+	-6.063E-15	-1.521E-14	0.	0.	0.	0.
519	T-	6.063E-15	1.521E-14	0.	0.	0.	0.
519	W	0.	0.	0.029	0.	0.	0.
519	Qm-1	0.	0.	0.255	0.	0.	0.
519	Qm-2	0.	0.	0.026	0.	0.	0.
520	DEAD	0.	0.	0.	0.	0.	0.
520	G1	0.	0.	0.3	0.	0.	0.
520	G2	0.	0.	0.056	0.	0.	0.
520	Qm	0.	0.	0.237	0.	0.	0.
520	Qs	0.	0.	0.019	0.	0.	0.

Table 25: Joint Reactions

Joint	OutputCase	F1	F2	F3	M1	M2	M3
		KN	KN	KN	KN-mm	KN-mm	KN-mm
520	T+	-8.417E-15	-2.718E-14	0.	0.	0.	0.
520	T-	8.417E-15	2.718E-14	0.	0.	0.	0.
520	W	0.	0.	0.025	0.	0.	0.
520	Qm-1	0.	0.	0.26	0.	0.	0.
520	Qm-2	0.	0.	0.026	0.	0.	0.
521	DEAD	0.	0.	0.	0.	0.	0.
521	G1	0.	0.	0.3	0.	0.	0.
521	G2	0.	0.	0.057	0.	0.	0.
521	Qm	0.	0.	0.242	0.	0.	0.
521	Qs	0.	0.	0.019	0.	0.	0.
521	T+	-1.067E-14	1.179E-14	0.	0.	0.	0.
521	T-	1.067E-14	-1.179E-14	0.	0.	0.	0.
521	W	0.	0.	0.021	0.	0.	0.
521	Qm-1	0.	0.	0.265	0.	0.	0.
521	Qm-2	0.	0.	0.025	0.	0.	0.
522	DEAD	0.	0.	0.	0.	0.	0.
522	G1	0.	0.	0.3	0.	0.	0.
522	G2	0.	0.	0.059	0.	0.	0.
522	Qm	0.	0.	0.247	0.	0.	0.
522	Qs	0.	0.	0.019	0.	0.	0.
522	T+	1.731E-15	1.838E-14	0.	0.	0.	0.
522	T-	-1.731E-15	-1.838E-14	0.	0.	0.	0.
522	W	0.	0.	0.017	0.	0.	0.
522	Qm-1	0.	0.	0.269	0.	0.	0.
522	Qm-2	0.	0.	0.025	0.	0.	0.
523	DEAD	0.	0.	0.	0.	0.	0.
523	G1	0.	0.	0.3	0.	0.	0.
523	G2	0.	0.	0.06	0.	0.	0.
523	Qm	0.	0.	0.252	0.	0.	0.
523	Qs	0.	0.	0.019	0.	0.	0.
523	T+	-4.661E-16	-4.972E-15	0.	0.	0.	0.
523	T-	4.661E-16	4.972E-15	0.	0.	0.	0.
523	W	0.	0.	0.013	0.	0.	0.
523	Qm-1	0.	0.	0.274	0.	0.	0.
523	Qm-2	0.	0.	0.024	0.	0.	0.
524	DEAD	0.	0.	0.	0.	0.	0.
524	G1	0.	0.	0.3	0.	0.	0.
524	G2	0.	0.	0.062	0.	0.	0.
524	Qm	0.	0.	0.257	0.	0.	0.
524	Qs	0.	0.	0.019	0.	0.	0.
524	T+	-1.767E-15	-1.148E-14	0.	0.	0.	0.
524	T-	1.767E-15	1.148E-14	0.	0.	0.	0.
524	W	0.	0.	9.542E-03	0.	0.	0.
524	Qm-1	0.	0.	0.279	0.	0.	0.
524	Qm-2	0.	0.	0.024	0.	0.	0.
525	DEAD	0.	0.	0.	0.	0.	0.
525	G1	0.	0.	0.3	0.	0.	0.
525	G2	0.	0.	0.063	0.	0.	0.
525	Qm	0.	0.	0.262	0.	0.	0.
525	Qs	0.	0.	0.019	0.	0.	0.
525	T+	-1.570E-14	-2.572E-15	0.	0.	0.	0.
525	T-	1.570E-14	2.572E-15	0.	0.	0.	0.
525	W	0.	0.	5.705E-03	0.	0.	0.
525	Qm-1	0.	0.	0.283	0.	0.	0.

Table 25: Joint Reactions

Joint	OutputCase	F1	F2	F3	M1	M2	M3
		KN	KN	KN	KN-mm	KN-mm	KN-mm
525	Qm-2	0.	0.	0.024	0.	0.	0.
526	DEAD	0.	0.	0.	0.	0.	0.
526	G1	0.	0.	0.15	0.	0.	0.
526	G2	0.	0.	0.032	0.	0.	0.
526	Qm	0.	0.	0.133	0.	0.	0.
526	Qs	0.	0.	9.600E-03	0.	0.	0.
526	T+	2.199E-15	177.053	0.	0.	0.	0.
526	T-	-2.199E-15	-177.053	0.	0.	0.	0.
526	W	0.	0.	9.337E-04	0.	0.	0.
526	Qm-1	0.	0.	0.144	0.	0.	0.
526	Qm-2	0.	0.	0.012	0.	0.	0.
527	DEAD	0.	0.	0.	0.	0.	0.
527	G1	0.	0.	0.15	0.	0.	0.
527	G2	0.	0.	0.013	0.	0.	0.
527	Qm	0.	0.	0.071	0.	0.	0.
527	Qs	0.	0.	9.600E-03	0.	0.	0.
527	T+	-7.255E-16	-177.053	0.	0.	0.	0.
527	T-	7.255E-16	177.053	0.	0.	0.	0.
527	W	0.	0.	0.053	0.	0.	0.
527	Qm-1	0.	0.	0.085	0.	0.	0.
527	Qm-2	0.	0.	0.017	0.	0.	0.
528	DEAD	0.	0.	0.	0.	0.	0.
528	G1	0.	0.	0.3	0.	0.	0.
528	G2	0.	0.	0.028	0.	0.	0.
528	Qm	0.	0.	0.146	0.	0.	0.
528	Qs	0.	0.	0.019	0.	0.	0.
528	T+	3.086E-16	1.084E-14	0.	0.	0.	0.
528	T-	-3.086E-16	-1.084E-14	0.	0.	0.	0.
528	W	0.	0.	0.101	0.	0.	0.
528	Qm-1	0.	0.	0.175	0.	0.	0.
528	Qm-2	0.	0.	0.033	0.	0.	0.
529	DEAD	0.	0.	0.	0.	0.	0.
529	G1	0.	0.	0.3	0.	0.	0.
529	G2	0.	0.	0.03	0.	0.	0.
529	Qm	0.	0.	0.151	0.	0.	0.
529	Qs	0.	0.	0.019	0.	0.	0.
529	T+	-6.027E-16	2.850E-15	0.	0.	0.	0.
529	T-	6.027E-16	-2.850E-15	0.	0.	0.	0.
529	W	0.	0.	0.098	0.	0.	0.
529	Qm-1	0.	0.	0.18	0.	0.	0.
529	Qm-2	0.	0.	0.032	0.	0.	0.
530	DEAD	0.	0.	0.	0.	0.	0.
530	G1	0.	0.	0.3	0.	0.	0.
530	G2	0.	0.	0.031	0.	0.	0.
530	Qm	0.	0.	0.156	0.	0.	0.
530	Qs	0.	0.	0.019	0.	0.	0.
530	T+	2.863E-15	-3.098E-14	0.	0.	0.	0.
530	T-	-2.863E-15	3.098E-14	0.	0.	0.	0.
530	W	0.	0.	0.094	0.	0.	0.
530	Qm-1	0.	0.	0.185	0.	0.	0.
530	Qm-2	0.	0.	0.032	0.	0.	0.
531	DEAD	0.	0.	0.	0.	0.	0.
531	G1	0.	0.	0.3	0.	0.	0.
531	G2	0.	0.	0.033	0.	0.	0.

Table 25: Joint Reactions

Joint	OutputCase	F1	F2	F3	M1	M2	M3
		KN	KN	KN	KN-mm	KN-mm	KN-mm
531	Qm	0.	0.	0.161	0.	0.	0.
531	Qs	0.	0.	0.019	0.	0.	0.
531	T+	-4.901E-14	2.718E-14	0.	0.	0.	0.
531	T-	4.901E-14	-2.718E-14	0.	0.	0.	0.
531	W	0.	0.	0.09	0.	0.	0.
531	Qm-1	0.	0.	0.189	0.	0.	0.
531	Qm-2	0.	0.	0.032	0.	0.	0.
532	DEAD	0.	0.	0.	0.	0.	0.
532	G1	0.	0.	0.3	0.	0.	0.
532	G2	0.	0.	0.034	0.	0.	0.
532	Qm	0.	0.	0.166	0.	0.	0.
532	Qs	0.	0.	0.019	0.	0.	0.
532	T+	3.711E-15	1.330E-14	0.	0.	0.	0.
532	T-	-3.711E-15	-1.330E-14	0.	0.	0.	0.
532	W	0.	0.	0.086	0.	0.	0.
532	Qm-1	0.	0.	0.194	0.	0.	0.
532	Qm-2	0.	0.	0.031	0.	0.	0.
533	DEAD	0.	0.	0.	0.	0.	0.
533	G1	0.	0.	0.3	0.	0.	0.
533	G2	0.	0.	0.036	0.	0.	0.
533	Qm	0.	0.	0.171	0.	0.	0.
533	Qs	0.	0.	0.019	0.	0.	0.
533	T+	2.012E-15	-8.655E-15	0.	0.	0.	0.
533	T-	-2.012E-15	8.655E-15	0.	0.	0.	0.
533	W	0.	0.	0.082	0.	0.	0.
533	Qm-1	0.	0.	0.199	0.	0.	0.
533	Qm-2	0.	0.	0.031	0.	0.	0.
534	DEAD	0.	0.	0.	0.	0.	0.
534	G1	0.	0.	0.3	0.	0.	0.
534	G2	0.	0.	0.037	0.	0.	0.
534	Qm	0.	0.	0.176	0.	0.	0.
534	Qs	0.	0.	0.019	0.	0.	0.
534	T+	-1.215E-14	1.873E-14	0.	0.	0.	0.
534	T-	1.215E-14	-1.873E-14	0.	0.	0.	0.
534	W	0.	0.	0.078	0.	0.	0.
534	Qm-1	0.	0.	0.203	0.	0.	0.
534	Qm-2	0.	0.	0.03	0.	0.	0.
535	DEAD	0.	0.	0.	0.	0.	0.
535	G1	0.	0.	0.3	0.	0.	0.
535	G2	0.	0.	0.039	0.	0.	0.
535	Qm	0.	0.	0.181	0.	0.	0.
535	Qs	0.	0.	0.019	0.	0.	0.
535	T+	-4.899E-15	2.592E-14	0.	0.	0.	0.
535	T-	4.899E-15	-2.592E-14	0.	0.	0.	0.
535	W	0.	0.	0.075	0.	0.	0.
535	Qm-1	0.	0.	0.208	0.	0.	0.
535	Qm-2	0.	0.	0.03	0.	0.	0.
536	DEAD	0.	0.	0.	0.	0.	0.
536	G1	0.	0.	0.3	0.	0.	0.
536	G2	0.	0.	0.04	0.	0.	0.
536	Qm	0.	0.	0.186	0.	0.	0.
536	Qs	0.	0.	0.019	0.	0.	0.
536	T+	3.659E-15	-4.851E-14	0.	0.	0.	0.
536	T-	-3.659E-15	4.851E-14	0.	0.	0.	0.

Table 25: Joint Reactions

Joint	OutputCase	F1	F2	F3	M1	M2	M3
		KN	KN	KN	KN-mm	KN-mm	KN-mm
536	W	0.	0.	0.071	0.	0.	0.
536	Qm-1	0.	0.	0.213	0.	0.	0.
536	Qm-2	0.	0.	0.03	0.	0.	0.
537	DEAD	0.	0.	0.	0.	0.	0.
537	G1	0.	0.	0.3	0.	0.	0.
537	G2	0.	0.	0.042	0.	0.	0.
537	Qm	0.	0.	0.191	0.	0.	0.
537	Qs	0.	0.	0.019	0.	0.	0.
537	T+	-3.045E-14	3.027E-14	0.	0.	0.	0.
537	T-	3.045E-14	-3.027E-14	0.	0.	0.	0.
537	W	0.	0.	0.067	0.	0.	0.
537	Qm-1	0.	0.	0.217	0.	0.	0.
537	Qm-2	0.	0.	0.029	0.	0.	0.
538	DEAD	0.	0.	0.	0.	0.	0.
538	G1	0.	0.	0.3	0.	0.	0.
538	G2	0.	0.	0.043	0.	0.	0.
538	Qm	0.	0.	0.196	0.	0.	0.
538	Qs	0.	0.	0.019	0.	0.	0.
538	T+	-2.921E-14	-4.523E-15	0.	0.	0.	0.
538	T-	2.921E-14	4.523E-15	0.	0.	0.	0.
538	W	0.	0.	0.063	0.	0.	0.
538	Qm-1	0.	0.	0.222	0.	0.	0.
538	Qm-2	0.	0.	0.029	0.	0.	0.
539	DEAD	0.	0.	0.	0.	0.	0.
539	G1	0.	0.	0.3	0.	0.	0.
539	G2	0.	0.	0.045	0.	0.	0.
539	Qm	0.	0.	0.201	0.	0.	0.
539	Qs	0.	0.	0.019	0.	0.	0.
539	T+	-1.336E-14	-2.444E-14	0.	0.	0.	0.
539	T-	1.336E-14	2.444E-14	0.	0.	0.	0.
539	W	0.	0.	0.059	0.	0.	0.
539	Qm-1	0.	0.	0.227	0.	0.	0.
539	Qm-2	0.	0.	0.028	0.	0.	0.
540	DEAD	0.	0.	0.	0.	0.	0.
540	G1	0.	0.	0.3	0.	0.	0.
540	G2	0.	0.	0.046	0.	0.	0.
540	Qm	0.	0.	0.206	0.	0.	0.
540	Qs	0.	0.	0.019	0.	0.	0.
540	T+	1.364E-15	1.043E-14	0.	0.	0.	0.
540	T-	-1.364E-15	-1.043E-14	0.	0.	0.	0.
540	W	0.	0.	0.056	0.	0.	0.
540	Qm-1	0.	0.	0.231	0.	0.	0.
540	Qm-2	0.	0.	0.028	0.	0.	0.
541	DEAD	0.	0.	0.	0.	0.	0.
541	G1	0.	0.	0.3	0.	0.	0.
541	G2	0.	0.	0.048	0.	0.	0.
541	Qm	0.	0.	0.211	0.	0.	0.
541	Qs	0.	0.	0.019	0.	0.	0.
541	T+	1.058E-14	1.801E-14	0.	0.	0.	0.
541	T-	-1.058E-14	-1.801E-14	0.	0.	0.	0.
541	W	0.	0.	0.052	0.	0.	0.
541	Qm-1	0.	0.	0.236	0.	0.	0.
541	Qm-2	0.	0.	0.028	0.	0.	0.
542	DEAD	0.	0.	0.	0.	0.	0.

Table 25: Joint Reactions

Joint	OutputCase	F1	F2	F3	M1	M2	M3
		KN	KN	KN	KN-mm	KN-mm	KN-mm
542	G1	0.	0.	0.3	0.	0.	0.
542	G2	0.	0.	0.05	0.	0.	0.
542	Qm	0.	0.	0.216	0.	0.	0.
542	Qs	0.	0.	0.019	0.	0.	0.
542	T+	3.865E-15	-3.287E-14	0.	0.	0.	0.
542	T-	-3.865E-15	3.287E-14	0.	0.	0.	0.
542	W	0.	0.	0.048	0.	0.	0.
542	Qm-1	0.	0.	0.241	0.	0.	0.
542	Qm-2	0.	0.	0.027	0.	0.	0.
543	DEAD	0.	0.	0.	0.	0.	0.
543	G1	0.	0.	0.3	0.	0.	0.
543	G2	0.	0.	0.051	0.	0.	0.
543	Qm	0.	0.	0.221	0.	0.	0.
543	Qs	0.	0.	0.019	0.	0.	0.
543	T+	8.214E-15	1.959E-14	0.	0.	0.	0.
543	T-	-8.214E-15	-1.959E-14	0.	0.	0.	0.
543	W	0.	0.	0.044	0.	0.	0.
543	Qm-1	0.	0.	0.245	0.	0.	0.
543	Qm-2	0.	0.	0.027	0.	0.	0.
544	DEAD	0.	0.	0.	0.	0.	0.
544	G1	0.	0.	0.3	0.	0.	0.
544	G2	0.	0.	0.053	0.	0.	0.
544	Qm	0.	0.	0.226	0.	0.	0.
544	Qs	0.	0.	0.019	0.	0.	0.
544	T+	8.689E-15	-2.040E-14	0.	0.	0.	0.
544	T-	-8.689E-15	2.040E-14	0.	0.	0.	0.
544	W	0.	0.	0.04	0.	0.	0.
544	Qm-1	0.	0.	0.25	0.	0.	0.
544	Qm-2	0.	0.	0.026	0.	0.	0.
545	DEAD	0.	0.	0.	0.	0.	0.
545	G1	0.	0.	0.3	0.	0.	0.
545	G2	0.	0.	0.054	0.	0.	0.
545	Qm	0.	0.	0.231	0.	0.	0.
545	Qs	0.	0.	0.019	0.	0.	0.
545	T+	-2.147E-14	6.170E-14	0.	0.	0.	0.
545	T-	2.147E-14	-6.170E-14	0.	0.	0.	0.
545	W	0.	0.	0.036	0.	0.	0.
545	Qm-1	0.	0.	0.255	0.	0.	0.
545	Qm-2	0.	0.	0.026	0.	0.	0.
546	DEAD	0.	0.	0.	0.	0.	0.
546	G1	0.	0.	0.3	0.	0.	0.
546	G2	0.	0.	0.056	0.	0.	0.
546	Qm	0.	0.	0.236	0.	0.	0.
546	Qs	0.	0.	0.019	0.	0.	0.
546	T+	4.908E-15	-5.042E-14	0.	0.	0.	0.
546	T-	-4.908E-15	5.042E-14	0.	0.	0.	0.
546	W	0.	0.	0.033	0.	0.	0.
546	Qm-1	0.	0.	0.259	0.	0.	0.
546	Qm-2	0.	0.	0.026	0.	0.	0.
547	DEAD	0.	0.	0.	0.	0.	0.
547	G1	0.	0.	0.3	0.	0.	0.
547	G2	0.	0.	0.057	0.	0.	0.
547	Qm	0.	0.	0.241	0.	0.	0.
547	Qs	0.	0.	0.019	0.	0.	0.

Table 25: Joint Reactions

Joint	OutputCase	F1	F2	F3	M1	M2	M3
		KN	KN	KN	KN-mm	KN-mm	KN-mm
547	T+	2.604E-14	3.874E-14	0.	0.	0.	0.
547	T-	-2.604E-14	-3.874E-14	0.	0.	0.	0.
547	W	0.	0.	0.029	0.	0.	0.
547	Qm-1	0.	0.	0.264	0.	0.	0.
547	Qm-2	0.	0.	0.025	0.	0.	0.
548	DEAD	0.	0.	0.	0.	0.	0.
548	G1	0.	0.	0.3	0.	0.	0.
548	G2	0.	0.	0.059	0.	0.	0.
548	Qm	0.	0.	0.246	0.	0.	0.
548	Qs	0.	0.	0.019	0.	0.	0.
548	T+	2.803E-14	-6.666E-14	0.	0.	0.	0.
548	T-	-2.803E-14	6.666E-14	0.	0.	0.	0.
548	W	0.	0.	0.025	0.	0.	0.
548	Qm-1	0.	0.	0.269	0.	0.	0.
548	Qm-2	0.	0.	0.025	0.	0.	0.
549	DEAD	0.	0.	0.	0.	0.	0.
549	G1	0.	0.	0.3	0.	0.	0.
549	G2	0.	0.	0.06	0.	0.	0.
549	Qm	0.	0.	0.251	0.	0.	0.
549	Qs	0.	0.	0.019	0.	0.	0.
549	T+	-1.516E-14	5.162E-14	0.	0.	0.	0.
549	T-	1.516E-14	-5.162E-14	0.	0.	0.	0.
549	W	0.	0.	0.021	0.	0.	0.
549	Qm-1	0.	0.	0.273	0.	0.	0.
549	Qm-2	0.	0.	0.024	0.	0.	0.
550	DEAD	0.	0.	0.	0.	0.	0.
550	G1	0.	0.	0.3	0.	0.	0.
550	G2	0.	0.	0.062	0.	0.	0.
550	Qm	0.	0.	0.256	0.	0.	0.
550	Qs	0.	0.	0.019	0.	0.	0.
550	T+	1.394E-14	-2.306E-14	0.	0.	0.	0.
550	T-	-1.394E-14	2.306E-14	0.	0.	0.	0.
550	W	0.	0.	0.017	0.	0.	0.
550	Qm-1	0.	0.	0.278	0.	0.	0.
550	Qm-2	0.	0.	0.024	0.	0.	0.
551	DEAD	0.	0.	0.	0.	0.	0.
551	G1	0.	0.	0.3	0.	0.	0.
551	G2	0.	0.	0.063	0.	0.	0.
551	Qm	0.	0.	0.261	0.	0.	0.
551	Qs	0.	0.	0.019	0.	0.	0.
551	T+	-1.157E-14	-3.885E-15	0.	0.	0.	0.
551	T-	1.157E-14	3.885E-15	0.	0.	0.	0.
551	W	0.	0.	0.013	0.	0.	0.
551	Qm-1	0.	0.	0.283	0.	0.	0.
551	Qm-2	0.	0.	0.024	0.	0.	0.
552	DEAD	0.	0.	0.	0.	0.	0.
552	G1	0.	0.	0.15	0.	0.	0.
552	G2	0.	0.	0.032	0.	0.	0.
552	Qm	0.	0.	0.133	0.	0.	0.
552	Qs	0.	0.	9.600E-03	0.	0.	0.
552	T+	-6.406E-16	177.053	0.	0.	0.	0.
552	T-	6.406E-16	-177.053	0.	0.	0.	0.
552	W	0.	0.	4.763E-03	0.	0.	0.
552	Qm-1	0.	0.	0.144	0.	0.	0.

Table 25: Joint Reactions

Joint	OutputCase	F1	F2	F3	M1	M2	M3
		KN	KN	KN	KN-mm	KN-mm	KN-mm
552	Qm-2	0.	0.	0.012	0.	0.	0.
553	DEAD	0.	0.	0.	0.	0.	0.
553	G1	0.	0.	0.15	0.	0.	0.
553	G2	0.	0.	0.013	0.	0.	0.
553	Qm	0.	0.	0.07	0.	0.	0.
553	Qs	0.	0.	9.600E-03	0.	0.	0.
553	T+	-3.775E-16	-177.053	0.	0.	0.	0.
553	T-	3.775E-16	177.053	0.	0.	0.	0.
553	W	0.	0.	0.056	0.	0.	0.
553	Qm-1	0.	0.	0.085	0.	0.	0.
553	Qm-2	0.	0.	0.017	0.	0.	0.
554	DEAD	0.	0.	0.	0.	0.	0.
554	G1	0.	0.	0.3	0.	0.	0.
554	G2	0.	0.	0.028	0.	0.	0.
554	Qm	0.	0.	0.145	0.	0.	0.
554	Qs	0.	0.	0.019	0.	0.	0.
554	T+	1.387E-14	1.674E-14	0.	0.	0.	0.
554	T-	-1.387E-14	-1.674E-14	0.	0.	0.	0.
554	W	0.	0.	0.109	0.	0.	0.
554	Qm-1	0.	0.	0.175	0.	0.	0.
554	Qm-2	0.	0.	0.033	0.	0.	0.
555	DEAD	0.	0.	0.	0.	0.	0.
555	G1	0.	0.	0.3	0.	0.	0.
555	G2	0.	0.	0.03	0.	0.	0.
555	Qm	0.	0.	0.15	0.	0.	0.
555	Qs	0.	0.	0.019	0.	0.	0.
555	T+	1.632E-14	1.303E-14	0.	0.	0.	0.
555	T-	-1.632E-14	-1.303E-14	0.	0.	0.	0.
555	W	0.	0.	0.105	0.	0.	0.
555	Qm-1	0.	0.	0.179	0.	0.	0.
555	Qm-2	0.	0.	0.032	0.	0.	0.
556	DEAD	0.	0.	0.	0.	0.	0.
556	G1	0.	0.	0.3	0.	0.	0.
556	G2	0.	0.	0.031	0.	0.	0.
556	Qm	0.	0.	0.155	0.	0.	0.
556	Qs	0.	0.	0.019	0.	0.	0.
556	T+	8.279E-15	4.338E-16	0.	0.	0.	0.
556	T-	-8.279E-15	-4.338E-16	0.	0.	0.	0.
556	W	0.	0.	0.101	0.	0.	0.
556	Qm-1	0.	0.	0.184	0.	0.	0.
556	Qm-2	0.	0.	0.032	0.	0.	0.
557	DEAD	0.	0.	0.	0.	0.	0.
557	G1	0.	0.	0.3	0.	0.	0.
557	G2	0.	0.	0.033	0.	0.	0.
557	Qm	0.	0.	0.16	0.	0.	0.
557	Qs	0.	0.	0.019	0.	0.	0.
557	T+	4.957E-14	2.886E-14	0.	0.	0.	0.
557	T-	-4.957E-14	-2.886E-14	0.	0.	0.	0.
557	W	0.	0.	0.098	0.	0.	0.
557	Qm-1	0.	0.	0.189	0.	0.	0.
557	Qm-2	0.	0.	0.032	0.	0.	0.
558	DEAD	0.	0.	0.	0.	0.	0.
558	G1	0.	0.	0.3	0.	0.	0.
558	G2	0.	0.	0.034	0.	0.	0.

Table 25: Joint Reactions

Joint	OutputCase	F1	F2	F3	M1	M2	M3
		KN	KN	KN	KN-mm	KN-mm	KN-mm
558	Qm	0.	0.	0.165	0.	0.	0.
558	Qs	0.	0.	0.019	0.	0.	0.
558	T+	1.609E-14	1.717E-14	0.	0.	0.	0.
558	T-	-1.609E-14	-1.717E-14	0.	0.	0.	0.
558	W	0.	0.	0.094	0.	0.	0.
558	Qm-1	0.	0.	0.193	0.	0.	0.
558	Qm-2	0.	0.	0.031	0.	0.	0.
559	DEAD	0.	0.	0.	0.	0.	0.
559	G1	0.	0.	0.3	0.	0.	0.
559	G2	0.	0.	0.036	0.	0.	0.
559	Qm	0.	0.	0.17	0.	0.	0.
559	Qs	0.	0.	0.019	0.	0.	0.
559	T+	-8.119E-15	-4.884E-14	0.	0.	0.	0.
559	T-	8.119E-15	4.884E-14	0.	0.	0.	0.
559	W	0.	0.	0.09	0.	0.	0.
559	Qm-1	0.	0.	0.198	0.	0.	0.
559	Qm-2	0.	0.	0.031	0.	0.	0.
560	DEAD	0.	0.	0.	0.	0.	0.
560	G1	0.	0.	0.3	0.	0.	0.
560	G2	0.	0.	0.037	0.	0.	0.
560	Qm	0.	0.	0.175	0.	0.	0.
560	Qs	0.	0.	0.019	0.	0.	0.
560	T+	8.994E-16	4.623E-14	0.	0.	0.	0.
560	T-	-8.994E-16	-4.623E-14	0.	0.	0.	0.
560	W	0.	0.	0.086	0.	0.	0.
560	Qm-1	0.	0.	0.203	0.	0.	0.
560	Qm-2	0.	0.	0.03	0.	0.	0.
561	DEAD	0.	0.	0.	0.	0.	0.
561	G1	0.	0.	0.3	0.	0.	0.
561	G2	0.	0.	0.039	0.	0.	0.
561	Qm	0.	0.	0.18	0.	0.	0.
561	Qs	0.	0.	0.019	0.	0.	0.
561	T+	2.297E-14	-1.987E-14	0.	0.	0.	0.
561	T-	-2.297E-14	1.987E-14	0.	0.	0.	0.
561	W	0.	0.	0.082	0.	0.	0.
561	Qm-1	0.	0.	0.207	0.	0.	0.
561	Qm-2	0.	0.	0.03	0.	0.	0.
562	DEAD	0.	0.	0.	0.	0.	0.
562	G1	0.	0.	0.3	0.	0.	0.
562	G2	0.	0.	0.04	0.	0.	0.
562	Qm	0.	0.	0.185	0.	0.	0.
562	Qs	0.	0.	0.019	0.	0.	0.
562	T+	-3.780E-14	-1.013E-14	0.	0.	0.	0.
562	T-	3.780E-14	1.013E-14	0.	0.	0.	0.
562	W	0.	0.	0.078	0.	0.	0.
562	Qm-1	0.	0.	0.212	0.	0.	0.
562	Qm-2	0.	0.	0.03	0.	0.	0.
563	DEAD	0.	0.	0.	0.	0.	0.
563	G1	0.	0.	0.3	0.	0.	0.
563	G2	0.	0.	0.042	0.	0.	0.
563	Qm	0.	0.	0.19	0.	0.	0.
563	Qs	0.	0.	0.019	0.	0.	0.
563	T+	1.615E-14	2.542E-14	0.	0.	0.	0.
563	T-	-1.615E-14	-2.542E-14	0.	0.	0.	0.

Table 25: Joint Reactions

Joint	OutputCase	F1	F2	F3	M1	M2	M3
		KN	KN	KN	KN-mm	KN-mm	KN-mm
563	W	0.	0.	0.075	0.	0.	0.
563	Qm-1	0.	0.	0.217	0.	0.	0.
563	Qm-2	0.	0.	0.029	0.	0.	0.
564	DEAD	0.	0.	0.	0.	0.	0.
564	G1	0.	0.	0.3	0.	0.	0.
564	G2	0.	0.	0.043	0.	0.	0.
564	Qm	0.	0.	0.195	0.	0.	0.
564	Qs	0.	0.	0.019	0.	0.	0.
564	T+	-1.430E-14	-1.149E-14	0.	0.	0.	0.
564	T-	1.430E-14	1.149E-14	0.	0.	0.	0.
564	W	0.	0.	0.071	0.	0.	0.
564	Qm-1	0.	0.	0.221	0.	0.	0.
564	Qm-2	0.	0.	0.029	0.	0.	0.
565	DEAD	0.	0.	0.	0.	0.	0.
565	G1	0.	0.	0.3	0.	0.	0.
565	G2	0.	0.	0.045	0.	0.	0.
565	Qm	0.	0.	0.2	0.	0.	0.
565	Qs	0.	0.	0.019	0.	0.	0.
565	T+	1.137E-15	-1.632E-14	0.	0.	0.	0.
565	T-	-1.137E-15	1.632E-14	0.	0.	0.	0.
565	W	0.	0.	0.067	0.	0.	0.
565	Qm-1	0.	0.	0.226	0.	0.	0.
565	Qm-2	0.	0.	0.028	0.	0.	0.
566	DEAD	0.	0.	0.	0.	0.	0.
566	G1	0.	0.	0.3	0.	0.	0.
566	G2	0.	0.	0.046	0.	0.	0.
566	Qm	0.	0.	0.205	0.	0.	0.
566	Qs	0.	0.	0.019	0.	0.	0.
566	T+	-1.442E-14	1.785E-14	0.	0.	0.	0.
566	T-	1.442E-14	-1.785E-14	0.	0.	0.	0.
566	W	0.	0.	0.063	0.	0.	0.
566	Qm-1	0.	0.	0.231	0.	0.	0.
566	Qm-2	0.	0.	0.028	0.	0.	0.
567	DEAD	0.	0.	0.	0.	0.	0.
567	G1	0.	0.	0.3	0.	0.	0.
567	G2	0.	0.	0.048	0.	0.	0.
567	Qm	0.	0.	0.21	0.	0.	0.
567	Qs	0.	0.	0.019	0.	0.	0.
567	T+	1.660E-15	-1.874E-14	0.	0.	0.	0.
567	T-	-1.660E-15	1.874E-14	0.	0.	0.	0.
567	W	0.	0.	0.059	0.	0.	0.
567	Qm-1	0.	0.	0.235	0.	0.	0.
567	Qm-2	0.	0.	0.028	0.	0.	0.
568	DEAD	0.	0.	0.	0.	0.	0.
568	G1	0.	0.	0.3	0.	0.	0.
568	G2	0.	0.	0.05	0.	0.	0.
568	Qm	0.	0.	0.215	0.	0.	0.
568	Qs	0.	0.	0.019	0.	0.	0.
568	T+	1.150E-14	2.015E-14	0.	0.	0.	0.
568	T-	-1.150E-14	-2.015E-14	0.	0.	0.	0.
568	W	0.	0.	0.056	0.	0.	0.
568	Qm-1	0.	0.	0.24	0.	0.	0.
568	Qm-2	0.	0.	0.027	0.	0.	0.
569	DEAD	0.	0.	0.	0.	0.	0.

Table 25: Joint Reactions

Joint	OutputCase	F1	F2	F3	M1	M2	M3
		KN	KN	KN	KN-mm	KN-mm	KN-mm
569	G1	0.	0.	0.3	0.	0.	0.
569	G2	0.	0.	0.051	0.	0.	0.
569	Qm	0.	0.	0.22	0.	0.	0.
569	Qs	0.	0.	0.019	0.	0.	0.
569	T+	4.974E-15	2.349E-14	0.	0.	0.	0.
569	T-	-4.974E-15	-2.349E-14	0.	0.	0.	0.
569	W	0.	0.	0.052	0.	0.	0.
569	Qm-1	0.	0.	0.245	0.	0.	0.
569	Qm-2	0.	0.	0.027	0.	0.	0.
570	DEAD	0.	0.	0.	0.	0.	0.
570	G1	0.	0.	0.3	0.	0.	0.
570	G2	0.	0.	0.053	0.	0.	0.
570	Qm	0.	0.	0.225	0.	0.	0.
570	Qs	0.	0.	0.019	0.	0.	0.
570	T+	-2.212E-14	-2.222E-14	0.	0.	0.	0.
570	T-	2.212E-14	2.222E-14	0.	0.	0.	0.
570	W	0.	0.	0.048	0.	0.	0.
570	Qm-1	0.	0.	0.249	0.	0.	0.
570	Qm-2	0.	0.	0.026	0.	0.	0.
571	DEAD	0.	0.	0.	0.	0.	0.
571	G1	0.	0.	0.3	0.	0.	0.
571	G2	0.	0.	0.054	0.	0.	0.
571	Qm	0.	0.	0.23	0.	0.	0.
571	Qs	0.	0.	0.019	0.	0.	0.
571	T+	-7.716E-15	1.988E-14	0.	0.	0.	0.
571	T-	7.716E-15	-1.988E-14	0.	0.	0.	0.
571	W	0.	0.	0.044	0.	0.	0.
571	Qm-1	0.	0.	0.254	0.	0.	0.
571	Qm-2	0.	0.	0.026	0.	0.	0.
572	DEAD	0.	0.	0.	0.	0.	0.
572	G1	0.	0.	0.3	0.	0.	0.
572	G2	0.	0.	0.056	0.	0.	0.
572	Qm	0.	0.	0.235	0.	0.	0.
572	Qs	0.	0.	0.019	0.	0.	0.
572	T+	1.130E-14	-3.495E-14	0.	0.	0.	0.
572	T-	-1.130E-14	3.495E-14	0.	0.	0.	0.
572	W	0.	0.	0.04	0.	0.	0.
572	Qm-1	0.	0.	0.259	0.	0.	0.
572	Qm-2	0.	0.	0.026	0.	0.	0.
573	DEAD	0.	0.	0.	0.	0.	0.
573	G1	0.	0.	0.3	0.	0.	0.
573	G2	0.	0.	0.057	0.	0.	0.
573	Qm	0.	0.	0.24	0.	0.	0.
573	Qs	0.	0.	0.019	0.	0.	0.
573	T+	-2.689E-14	2.071E-14	0.	0.	0.	0.
573	T-	2.689E-14	-2.071E-14	0.	0.	0.	0.
573	W	0.	0.	0.036	0.	0.	0.
573	Qm-1	0.	0.	0.263	0.	0.	0.
573	Qm-2	0.	0.	0.025	0.	0.	0.
574	DEAD	0.	0.	0.	0.	0.	0.
574	G1	0.	0.	0.3	0.	0.	0.
574	G2	0.	0.	0.059	0.	0.	0.
574	Qm	0.	0.	0.245	0.	0.	0.
574	Qs	0.	0.	0.019	0.	0.	0.

Table 25: Joint Reactions

Joint	OutputCase	F1	F2	F3	M1	M2	M3
		KN	KN	KN	KN-mm	KN-mm	KN-mm
574	T+	3.284E-16	-4.143E-15	0.	0.	0.	0.
574	T-	-3.284E-16	4.143E-15	0.	0.	0.	0.
574	W	0.	0.	0.033	0.	0.	0.
574	Qm-1	0.	0.	0.268	0.	0.	0.
574	Qm-2	0.	0.	0.025	0.	0.	0.
575	DEAD	0.	0.	0.	0.	0.	0.
575	G1	0.	0.	0.3	0.	0.	0.
575	G2	0.	0.	0.06	0.	0.	0.
575	Qm	0.	0.	0.25	0.	0.	0.
575	Qs	0.	0.	0.019	0.	0.	0.
575	T+	5.170E-16	-2.617E-14	0.	0.	0.	0.
575	T-	-5.170E-16	2.617E-14	0.	0.	0.	0.
575	W	0.	0.	0.029	0.	0.	0.
575	Qm-1	0.	0.	0.273	0.	0.	0.
575	Qm-2	0.	0.	0.024	0.	0.	0.
576	DEAD	0.	0.	0.	0.	0.	0.
576	G1	0.	0.	0.3	0.	0.	0.
576	G2	0.	0.	0.062	0.	0.	0.
576	Qm	0.	0.	0.255	0.	0.	0.
576	Qs	0.	0.	0.019	0.	0.	0.
576	T+	-2.883E-14	2.703E-14	0.	0.	0.	0.
576	T-	2.883E-14	-2.703E-14	0.	0.	0.	0.
576	W	0.	0.	0.025	0.	0.	0.
576	Qm-1	0.	0.	0.277	0.	0.	0.
576	Qm-2	0.	0.	0.024	0.	0.	0.
577	DEAD	0.	0.	0.	0.	0.	0.
577	G1	0.	0.	0.3	0.	0.	0.
577	G2	0.	0.	0.063	0.	0.	0.
577	Qm	0.	0.	0.26	0.	0.	0.
577	Qs	0.	0.	0.019	0.	0.	0.
577	T+	-1.589E-14	-1.168E-14	0.	0.	0.	0.
577	T-	1.589E-14	1.168E-14	0.	0.	0.	0.
577	W	0.	0.	0.021	0.	0.	0.
577	Qm-1	0.	0.	0.282	0.	0.	0.
577	Qm-2	0.	0.	0.024	0.	0.	0.
578	DEAD	0.	0.	0.	0.	0.	0.
578	G1	0.	0.	0.15	0.	0.	0.
578	G2	0.	0.	0.032	0.	0.	0.
578	Qm	0.	0.	0.133	0.	0.	0.
578	Qs	0.	0.	9.600E-03	0.	0.	0.
578	T+	9.115E-16	177.053	0.	0.	0.	0.
578	T-	-9.115E-16	-177.053	0.	0.	0.	0.
578	W	0.	0.	8.592E-03	0.	0.	0.
578	Qm-1	0.	0.	0.143	0.	0.	0.
578	Qm-2	0.	0.	0.012	0.	0.	0.
579	DEAD	0.	0.	0.	0.	0.	0.
579	G1	0.	0.	0.15	0.	0.	0.
579	G2	0.	0.	0.013	0.	0.	0.
579	Qm	0.	0.	0.07	0.	0.	0.
579	Qs	0.	0.	9.600E-03	0.	0.	0.
579	T+	-2.118E-16	-177.053	0.	0.	0.	0.
579	T-	2.118E-16	177.053	0.	0.	0.	0.
579	W	0.	0.	0.06	0.	0.	0.
579	Qm-1	0.	0.	0.085	0.	0.	0.

Table 25: Joint Reactions

Joint	OutputCase	F1	F2	F3	M1	M2	M3
		KN	KN	KN	KN-mm	KN-mm	KN-mm
579	Qm-2	0.	0.	0.017	0.	0.	0.
580	DEAD	0.	0.	0.	0.	0.	0.
580	G1	0.	0.	0.3	0.	0.	0.
580	G2	0.	0.	0.028	0.	0.	0.
580	Qm	0.	0.	0.145	0.	0.	0.
580	Qs	0.	0.	0.019	0.	0.	0.
580	T+	1.535E-14	-4.090E-16	0.	0.	0.	0.
580	T-	-1.535E-14	4.090E-16	0.	0.	0.	0.
580	W	0.	0.	0.117	0.	0.	0.
580	Qm-1	0.	0.	0.174	0.	0.	0.
580	Qm-2	0.	0.	0.033	0.	0.	0.
581	DEAD	0.	0.	0.	0.	0.	0.
581	G1	0.	0.	0.3	0.	0.	0.
581	G2	0.	0.	0.03	0.	0.	0.
581	Qm	0.	0.	0.15	0.	0.	0.
581	Qs	0.	0.	0.019	0.	0.	0.
581	T+	1.150E-14	5.116E-17	0.	0.	0.	0.
581	T-	-1.150E-14	-5.116E-17	0.	0.	0.	0.
581	W	0.	0.	0.113	0.	0.	0.
581	Qm-1	0.	0.	0.179	0.	0.	0.
581	Qm-2	0.	0.	0.032	0.	0.	0.
582	DEAD	0.	0.	0.	0.	0.	0.
582	G1	0.	0.	0.3	0.	0.	0.
582	G2	0.	0.	0.031	0.	0.	0.
582	Qm	0.	0.	0.155	0.	0.	0.
582	Qs	0.	0.	0.019	0.	0.	0.
582	T+	1.867E-14	6.854E-16	0.	0.	0.	0.
582	T-	-1.867E-14	-6.854E-16	0.	0.	0.	0.
582	W	0.	0.	0.109	0.	0.	0.
582	Qm-1	0.	0.	0.183	0.	0.	0.
582	Qm-2	0.	0.	0.032	0.	0.	0.
583	DEAD	0.	0.	0.	0.	0.	0.
583	G1	0.	0.	0.3	0.	0.	0.
583	G2	0.	0.	0.033	0.	0.	0.
583	Qm	0.	0.	0.16	0.	0.	0.
583	Qs	0.	0.	0.019	0.	0.	0.
583	T+	-1.802E-14	3.097E-14	0.	0.	0.	0.
583	T-	1.802E-14	-3.097E-14	0.	0.	0.	0.
583	W	0.	0.	0.105	0.	0.	0.
583	Qm-1	0.	0.	0.188	0.	0.	0.
583	Qm-2	0.	0.	0.032	0.	0.	0.
584	DEAD	0.	0.	0.	0.	0.	0.
584	G1	0.	0.	0.3	0.	0.	0.
584	G2	0.	0.	0.034	0.	0.	0.
584	Qm	0.	0.	0.165	0.	0.	0.
584	Qs	0.	0.	0.019	0.	0.	0.
584	T+	-3.135E-14	1.082E-14	0.	0.	0.	0.
584	T-	3.135E-14	-1.082E-14	0.	0.	0.	0.
584	W	0.	0.	0.101	0.	0.	0.
584	Qm-1	0.	0.	0.193	0.	0.	0.
584	Qm-2	0.	0.	0.031	0.	0.	0.
585	DEAD	0.	0.	0.	0.	0.	0.
585	G1	0.	0.	0.3	0.	0.	0.
585	G2	0.	0.	0.036	0.	0.	0.

Table 25: Joint Reactions

Joint	OutputCase	F1	F2	F3	M1	M2	M3
		KN	KN	KN	KN-mm	KN-mm	KN-mm
585	Qm	0.	0.	0.17	0.	0.	0.
585	Qs	0.	0.	0.019	0.	0.	0.
585	T+	-1.150E-14	-1.436E-14	0.	0.	0.	0.
585	T-	1.150E-14	1.436E-14	0.	0.	0.	0.
585	W	0.	0.	0.098	0.	0.	0.
585	Qm-1	0.	0.	0.197	0.	0.	0.
585	Qm-2	0.	0.	0.031	0.	0.	0.
586	DEAD	0.	0.	0.	0.	0.	0.
586	G1	0.	0.	0.3	0.	0.	0.
586	G2	0.	0.	0.037	0.	0.	0.
586	Qm	0.	0.	0.175	0.	0.	0.
586	Qs	0.	0.	0.019	0.	0.	0.
586	T+	2.666E-15	-9.544E-15	0.	0.	0.	0.
586	T-	-2.666E-15	9.544E-15	0.	0.	0.	0.
586	W	0.	0.	0.094	0.	0.	0.
586	Qm-1	0.	0.	0.202	0.	0.	0.
586	Qm-2	0.	0.	0.03	0.	0.	0.
587	DEAD	0.	0.	0.	0.	0.	0.
587	G1	0.	0.	0.3	0.	0.	0.
587	G2	0.	0.	0.039	0.	0.	0.
587	Qm	0.	0.	0.18	0.	0.	0.
587	Qs	0.	0.	0.019	0.	0.	0.
587	T+	-4.487E-15	1.367E-14	0.	0.	0.	0.
587	T-	4.487E-15	-1.367E-14	0.	0.	0.	0.
587	W	0.	0.	0.09	0.	0.	0.
587	Qm-1	0.	0.	0.207	0.	0.	0.
587	Qm-2	0.	0.	0.03	0.	0.	0.
588	DEAD	0.	0.	0.	0.	0.	0.
588	G1	0.	0.	0.3	0.	0.	0.
588	G2	0.	0.	0.04	0.	0.	0.
588	Qm	0.	0.	0.185	0.	0.	0.
588	Qs	0.	0.	0.019	0.	0.	0.
588	T+	6.283E-15	1.254E-14	0.	0.	0.	0.
588	T-	-6.283E-15	-1.254E-14	0.	0.	0.	0.
588	W	0.	0.	0.086	0.	0.	0.
588	Qm-1	0.	0.	0.211	0.	0.	0.
588	Qm-2	0.	0.	0.03	0.	0.	0.
589	DEAD	0.	0.	0.	0.	0.	0.
589	G1	0.	0.	0.3	0.	0.	0.
589	G2	0.	0.	0.042	0.	0.	0.
589	Qm	0.	0.	0.19	0.	0.	0.
589	Qs	0.	0.	0.019	0.	0.	0.
589	T+	-3.429E-15	-8.707E-15	0.	0.	0.	0.
589	T-	3.429E-15	8.707E-15	0.	0.	0.	0.
589	W	0.	0.	0.082	0.	0.	0.
589	Qm-1	0.	0.	0.216	0.	0.	0.
589	Qm-2	0.	0.	0.029	0.	0.	0.
590	DEAD	0.	0.	0.	0.	0.	0.
590	G1	0.	0.	0.3	0.	0.	0.
590	G2	0.	0.	0.043	0.	0.	0.
590	Qm	0.	0.	0.195	0.	0.	0.
590	Qs	0.	0.	0.019	0.	0.	0.
590	T+	1.541E-16	-2.854E-15	0.	0.	0.	0.
590	T-	-1.541E-16	2.854E-15	0.	0.	0.	0.

Table 25: Joint Reactions

Joint	OutputCase	F1	F2	F3	M1	M2	M3
		KN	KN	KN	KN-mm	KN-mm	KN-mm
590	W	0.	0.	0.078	0.	0.	0.
590	Qm-1	0.	0.	0.221	0.	0.	0.
590	Qm-2	0.	0.	0.029	0.	0.	0.
591	DEAD	0.	0.	0.	0.	0.	0.
591	G1	0.	0.	0.3	0.	0.	0.
591	G2	0.	0.	0.045	0.	0.	0.
591	Qm	0.	0.	0.2	0.	0.	0.
591	Qs	0.	0.	0.019	0.	0.	0.
591	T+	-4.087E-14	-7.341E-15	0.	0.	0.	0.
591	T-	4.087E-14	7.341E-15	0.	0.	0.	0.
591	W	0.	0.	0.075	0.	0.	0.
591	Qm-1	0.	0.	0.225	0.	0.	0.
591	Qm-2	0.	0.	0.028	0.	0.	0.
592	DEAD	0.	0.	0.	0.	0.	0.
592	G1	0.	0.	0.3	0.	0.	0.
592	G2	0.	0.	0.046	0.	0.	0.
592	Qm	0.	0.	0.205	0.	0.	0.
592	Qs	0.	0.	0.019	0.	0.	0.
592	T+	-4.375E-14	2.252E-14	0.	0.	0.	0.
592	T-	4.375E-14	-2.252E-14	0.	0.	0.	0.
592	W	0.	0.	0.071	0.	0.	0.
592	Qm-1	0.	0.	0.23	0.	0.	0.
592	Qm-2	0.	0.	0.028	0.	0.	0.
593	DEAD	0.	0.	0.	0.	0.	0.
593	G1	0.	0.	0.3	0.	0.	0.
593	G2	0.	0.	0.048	0.	0.	0.
593	Qm	0.	0.	0.21	0.	0.	0.
593	Qs	0.	0.	0.019	0.	0.	0.
593	T+	-2.973E-14	-8.382E-15	0.	0.	0.	0.
593	T-	2.973E-14	8.382E-15	0.	0.	0.	0.
593	W	0.	0.	0.067	0.	0.	0.
593	Qm-1	0.	0.	0.235	0.	0.	0.
593	Qm-2	0.	0.	0.028	0.	0.	0.
594	DEAD	0.	0.	0.	0.	0.	0.
594	G1	0.	0.	0.3	0.	0.	0.
594	G2	0.	0.	0.05	0.	0.	0.
594	Qm	0.	0.	0.215	0.	0.	0.
594	Qs	0.	0.	0.019	0.	0.	0.
594	T+	3.481E-15	7.860E-15	0.	0.	0.	0.
594	T-	-3.481E-15	-7.860E-15	0.	0.	0.	0.
594	W	0.	0.	0.063	0.	0.	0.
594	Qm-1	0.	0.	0.239	0.	0.	0.
594	Qm-2	0.	0.	0.027	0.	0.	0.
595	DEAD	0.	0.	0.	0.	0.	0.
595	G1	0.	0.	0.3	0.	0.	0.
595	G2	0.	0.	0.051	0.	0.	0.
595	Qm	0.	0.	0.22	0.	0.	0.
595	Qs	0.	0.	0.019	0.	0.	0.
595	T+	2.269E-14	-6.500E-15	0.	0.	0.	0.
595	T-	-2.269E-14	6.500E-15	0.	0.	0.	0.
595	W	0.	0.	0.059	0.	0.	0.
595	Qm-1	0.	0.	0.244	0.	0.	0.
595	Qm-2	0.	0.	0.027	0.	0.	0.
596	DEAD	0.	0.	0.	0.	0.	0.

Table 25: Joint Reactions

Joint	OutputCase	F1	F2	F3	M1	M2	M3
		KN	KN	KN	KN-mm	KN-mm	KN-mm
596	G1	0.	0.	0.3	0.	0.	0.
596	G2	0.	0.	0.053	0.	0.	0.
596	Qm	0.	0.	0.225	0.	0.	0.
596	Qs	0.	0.	0.019	0.	0.	0.
596	T+	4.769E-14	1.972E-14	0.	0.	0.	0.
596	T-	-4.769E-14	-1.972E-14	0.	0.	0.	0.
596	W	0.	0.	0.056	0.	0.	0.
596	Qm-1	0.	0.	0.249	0.	0.	0.
596	Qm-2	0.	0.	0.026	0.	0.	0.
597	DEAD	0.	0.	0.	0.	0.	0.
597	G1	0.	0.	0.3	0.	0.	0.
597	G2	0.	0.	0.054	0.	0.	0.
597	Qm	0.	0.	0.23	0.	0.	0.
597	Qs	0.	0.	0.019	0.	0.	0.
597	T+	2.268E-14	-5.495E-15	0.	0.	0.	0.
597	T-	-2.268E-14	5.495E-15	0.	0.	0.	0.
597	W	0.	0.	0.052	0.	0.	0.
597	Qm-1	0.	0.	0.253	0.	0.	0.
597	Qm-2	0.	0.	0.026	0.	0.	0.
598	DEAD	0.	0.	0.	0.	0.	0.
598	G1	0.	0.	0.3	0.	0.	0.
598	G2	0.	0.	0.056	0.	0.	0.
598	Qm	0.	0.	0.235	0.	0.	0.
598	Qs	0.	0.	0.019	0.	0.	0.
598	T+	-8.497E-15	-2.123E-14	0.	0.	0.	0.
598	T-	8.497E-15	2.123E-14	0.	0.	0.	0.
598	W	0.	0.	0.048	0.	0.	0.
598	Qm-1	0.	0.	0.258	0.	0.	0.
598	Qm-2	0.	0.	0.026	0.	0.	0.
599	DEAD	0.	0.	0.	0.	0.	0.
599	G1	0.	0.	0.3	0.	0.	0.
599	G2	0.	0.	0.057	0.	0.	0.
599	Qm	0.	0.	0.24	0.	0.	0.
599	Qs	0.	0.	0.019	0.	0.	0.
599	T+	1.425E-14	3.384E-14	0.	0.	0.	0.
599	T-	-1.425E-14	-3.384E-14	0.	0.	0.	0.
599	W	0.	0.	0.044	0.	0.	0.
599	Qm-1	0.	0.	0.263	0.	0.	0.
599	Qm-2	0.	0.	0.025	0.	0.	0.
600	DEAD	0.	0.	0.	0.	0.	0.
600	G1	0.	0.	0.3	0.	0.	0.
600	G2	0.	0.	0.059	0.	0.	0.
600	Qm	0.	0.	0.245	0.	0.	0.
600	Qs	0.	0.	0.019	0.	0.	0.
600	T+	9.528E-15	-3.418E-14	0.	0.	0.	0.
600	T-	-9.528E-15	3.418E-14	0.	0.	0.	0.
600	W	0.	0.	0.04	0.	0.	0.
600	Qm-1	0.	0.	0.267	0.	0.	0.
600	Qm-2	0.	0.	0.025	0.	0.	0.
601	DEAD	0.	0.	0.	0.	0.	0.
601	G1	0.	0.	0.3	0.	0.	0.
601	G2	0.	0.	0.06	0.	0.	0.
601	Qm	0.	0.	0.25	0.	0.	0.
601	Qs	0.	0.	0.019	0.	0.	0.

Table 25: Joint Reactions

Joint	OutputCase	F1	F2	F3	M1	M2	M3
		KN	KN	KN	KN-mm	KN-mm	KN-mm
601	T+	1.599E-14	7.791E-15	0.	0.	0.	0.
601	T-	-1.599E-14	-7.791E-15	0.	0.	0.	0.
601	W	0.	0.	0.036	0.	0.	0.
601	Qm-1	0.	0.	0.272	0.	0.	0.
601	Qm-2	0.	0.	0.024	0.	0.	0.
602	DEAD	0.	0.	0.	0.	0.	0.
602	G1	0.	0.	0.3	0.	0.	0.
602	G2	0.	0.	0.062	0.	0.	0.
602	Qm	0.	0.	0.255	0.	0.	0.
602	Qs	0.	0.	0.019	0.	0.	0.
602	T+	1.427E-14	1.650E-14	0.	0.	0.	0.
602	T-	-1.427E-14	-1.650E-14	0.	0.	0.	0.
602	W	0.	0.	0.033	0.	0.	0.
602	Qm-1	0.	0.	0.277	0.	0.	0.
602	Qm-2	0.	0.	0.024	0.	0.	0.
603	DEAD	0.	0.	0.	0.	0.	0.
603	G1	0.	0.	0.3	0.	0.	0.
603	G2	0.	0.	0.063	0.	0.	0.
603	Qm	0.	0.	0.26	0.	0.	0.
603	Qs	0.	0.	0.019	0.	0.	0.
603	T+	-1.377E-14	-1.693E-14	0.	0.	0.	0.
603	T-	1.377E-14	1.693E-14	0.	0.	0.	0.
603	W	0.	0.	0.029	0.	0.	0.
603	Qm-1	0.	0.	0.281	0.	0.	0.
603	Qm-2	0.	0.	0.024	0.	0.	0.
604	DEAD	0.	0.	0.	0.	0.	0.
604	G1	0.	0.	0.15	0.	0.	0.
604	G2	0.	0.	0.032	0.	0.	0.
604	Qm	0.	0.	0.132	0.	0.	0.
604	Qs	0.	0.	9.600E-03	0.	0.	0.
604	T+	4.034E-16	177.053	0.	0.	0.	0.
604	T-	-4.034E-16	-177.053	0.	0.	0.	0.
604	W	0.	0.	0.012	0.	0.	0.
604	Qm-1	0.	0.	0.143	0.	0.	0.
604	Qm-2	0.	0.	0.012	0.	0.	0.
605	DEAD	0.	0.	0.	0.	0.	0.
605	G1	0.	0.	0.15	0.	0.	0.
605	G2	0.	0.	0.013	0.	0.	0.
605	Qm	0.	0.	0.07	0.	0.	0.
605	Qs	0.	0.	9.600E-03	0.	0.	0.
605	T+	3.757E-16	-177.053	0.	0.	0.	0.
605	T-	-3.757E-16	177.053	0.	0.	0.	0.
605	W	0.	0.	0.064	0.	0.	0.
605	Qm-1	0.	0.	0.084	0.	0.	0.
605	Qm-2	0.	0.	0.017	0.	0.	0.
606	DEAD	0.	0.	0.	0.	0.	0.
606	G1	0.	0.	0.3	0.	0.	0.
606	G2	0.	0.	0.028	0.	0.	0.
606	Qm	0.	0.	0.144	0.	0.	0.
606	Qs	0.	0.	0.019	0.	0.	0.
606	T+	1.276E-14	1.082E-15	0.	0.	0.	0.
606	T-	-1.276E-14	-1.082E-15	0.	0.	0.	0.
606	W	0.	0.	0.124	0.	0.	0.
606	Qm-1	0.	0.	0.173	0.	0.	0.

Table 25: Joint Reactions

Joint	OutputCase	F1	F2	F3	M1	M2	M3
		KN	KN	KN	KN-mm	KN-mm	KN-mm
606	Qm-2	0.	0.	0.033	0.	0.	0.
607	DEAD	0.	0.	0.	0.	0.	0.
607	G1	0.	0.	0.3	0.	0.	0.
607	G2	0.	0.	0.03	0.	0.	0.
607	Qm	0.	0.	0.149	0.	0.	0.
607	Qs	0.	0.	0.019	0.	0.	0.
607	T+	1.738E-14	-1.021E-15	0.	0.	0.	0.
607	T-	-1.738E-14	1.021E-15	0.	0.	0.	0.
607	W	0.	0.	0.121	0.	0.	0.
607	Qm-1	0.	0.	0.178	0.	0.	0.
607	Qm-2	0.	0.	0.032	0.	0.	0.
608	DEAD	0.	0.	0.	0.	0.	0.
608	G1	0.	0.	0.3	0.	0.	0.
608	G2	0.	0.	0.031	0.	0.	0.
608	Qm	0.	0.	0.154	0.	0.	0.
608	Qs	0.	0.	0.019	0.	0.	0.
608	T+	-3.407E-15	1.610E-14	0.	0.	0.	0.
608	T-	3.407E-15	-1.610E-14	0.	0.	0.	0.
608	W	0.	0.	0.117	0.	0.	0.
608	Qm-1	0.	0.	0.183	0.	0.	0.
608	Qm-2	0.	0.	0.032	0.	0.	0.
609	DEAD	0.	0.	0.	0.	0.	0.
609	G1	0.	0.	0.3	0.	0.	0.
609	G2	0.	0.	0.033	0.	0.	0.
609	Qm	0.	0.	0.159	0.	0.	0.
609	Qs	0.	0.	0.019	0.	0.	0.
609	T+	-2.555E-14	2.484E-14	0.	0.	0.	0.
609	T-	2.555E-14	-2.484E-14	0.	0.	0.	0.
609	W	0.	0.	0.113	0.	0.	0.
609	Qm-1	0.	0.	0.187	0.	0.	0.
609	Qm-2	0.	0.	0.032	0.	0.	0.
610	DEAD	0.	0.	0.	0.	0.	0.
610	G1	0.	0.	0.3	0.	0.	0.
610	G2	0.	0.	0.034	0.	0.	0.
610	Qm	0.	0.	0.164	0.	0.	0.
610	Qs	0.	0.	0.019	0.	0.	0.
610	T+	-8.766E-16	4.316E-14	0.	0.	0.	0.
610	T-	8.766E-16	-4.316E-14	0.	0.	0.	0.
610	W	0.	0.	0.109	0.	0.	0.
610	Qm-1	0.	0.	0.192	0.	0.	0.
610	Qm-2	0.	0.	0.031	0.	0.	0.
611	DEAD	0.	0.	0.	0.	0.	0.
611	G1	0.	0.	0.3	0.	0.	0.
611	G2	0.	0.	0.036	0.	0.	0.
611	Qm	0.	0.	0.169	0.	0.	0.
611	Qs	0.	0.	0.019	0.	0.	0.
611	T+	1.418E-14	-2.566E-14	0.	0.	0.	0.
611	T-	-1.418E-14	2.566E-14	0.	0.	0.	0.
611	W	0.	0.	0.105	0.	0.	0.
611	Qm-1	0.	0.	0.197	0.	0.	0.
611	Qm-2	0.	0.	0.031	0.	0.	0.
612	DEAD	0.	0.	0.	0.	0.	0.
612	G1	0.	0.	0.3	0.	0.	0.
612	G2	0.	0.	0.037	0.	0.	0.

Table 25: Joint Reactions

Joint	OutputCase	F1	F2	F3	M1	M2	M3
		KN	KN	KN	KN-mm	KN-mm	KN-mm
612	Qm	0.	0.	0.174	0.	0.	0.
612	Qs	0.	0.	0.019	0.	0.	0.
612	T+	-1.380E-14	-7.982E-16	0.	0.	0.	0.
612	T-	1.380E-14	7.982E-16	0.	0.	0.	0.
612	W	0.	0.	0.101	0.	0.	0.
612	Qm-1	0.	0.	0.201	0.	0.	0.
612	Qm-2	0.	0.	0.03	0.	0.	0.
613	DEAD	0.	0.	0.	0.	0.	0.
613	G1	0.	0.	0.3	0.	0.	0.
613	G2	0.	0.	0.039	0.	0.	0.
613	Qm	0.	0.	0.179	0.	0.	0.
613	Qs	0.	0.	0.019	0.	0.	0.
613	T+	3.087E-14	-4.022E-15	0.	0.	0.	0.
613	T-	-3.087E-14	4.022E-15	0.	0.	0.	0.
613	W	0.	0.	0.098	0.	0.	0.
613	Qm-1	0.	0.	0.206	0.	0.	0.
613	Qm-2	0.	0.	0.03	0.	0.	0.
614	DEAD	0.	0.	0.	0.	0.	0.
614	G1	0.	0.	0.3	0.	0.	0.
614	G2	0.	0.	0.04	0.	0.	0.
614	Qm	0.	0.	0.184	0.	0.	0.
614	Qs	0.	0.	0.019	0.	0.	0.
614	T+	1.096E-14	7.211E-15	0.	0.	0.	0.
614	T-	-1.096E-14	-7.211E-15	0.	0.	0.	0.
614	W	0.	0.	0.094	0.	0.	0.
614	Qm-1	0.	0.	0.211	0.	0.	0.
614	Qm-2	0.	0.	0.03	0.	0.	0.
615	DEAD	0.	0.	0.	0.	0.	0.
615	G1	0.	0.	0.3	0.	0.	0.
615	G2	0.	0.	0.042	0.	0.	0.
615	Qm	0.	0.	0.189	0.	0.	0.
615	Qs	0.	0.	0.019	0.	0.	0.
615	T+	-1.356E-14	7.098E-15	0.	0.	0.	0.
615	T-	1.356E-14	-7.098E-15	0.	0.	0.	0.
615	W	0.	0.	0.09	0.	0.	0.
615	Qm-1	0.	0.	0.215	0.	0.	0.
615	Qm-2	0.	0.	0.029	0.	0.	0.
616	DEAD	0.	0.	0.	0.	0.	0.
616	G1	0.	0.	0.3	0.	0.	0.
616	G2	0.	0.	0.043	0.	0.	0.
616	Qm	0.	0.	0.194	0.	0.	0.
616	Qs	0.	0.	0.019	0.	0.	0.
616	T+	1.321E-15	-2.074E-14	0.	0.	0.	0.
616	T-	-1.321E-15	2.074E-14	0.	0.	0.	0.
616	W	0.	0.	0.086	0.	0.	0.
616	Qm-1	0.	0.	0.22	0.	0.	0.
616	Qm-2	0.	0.	0.029	0.	0.	0.
617	DEAD	0.	0.	0.	0.	0.	0.
617	G1	0.	0.	0.3	0.	0.	0.
617	G2	0.	0.	0.045	0.	0.	0.
617	Qm	0.	0.	0.199	0.	0.	0.
617	Qs	0.	0.	0.019	0.	0.	0.
617	T+	-3.033E-14	5.513E-15	0.	0.	0.	0.
617	T-	3.033E-14	-5.513E-15	0.	0.	0.	0.

Table 25: Joint Reactions

Joint	OutputCase	F1	F2	F3	M1	M2	M3
		KN	KN	KN	KN-mm	KN-mm	KN-mm
617	W	0.	0.	0.082	0.	0.	0.
617	Qm-1	0.	0.	0.225	0.	0.	0.
617	Qm-2	0.	0.	0.028	0.	0.	0.
618	DEAD	0.	0.	0.	0.	0.	0.
618	G1	0.	0.	0.3	0.	0.	0.
618	G2	0.	0.	0.046	0.	0.	0.
618	Qm	0.	0.	0.204	0.	0.	0.
618	Qs	0.	0.	0.019	0.	0.	0.
618	T+	-2.962E-14	-6.462E-15	0.	0.	0.	0.
618	T-	2.962E-14	6.462E-15	0.	0.	0.	0.
618	W	0.	0.	0.078	0.	0.	0.
618	Qm-1	0.	0.	0.229	0.	0.	0.
618	Qm-2	0.	0.	0.028	0.	0.	0.
619	DEAD	0.	0.	0.	0.	0.	0.
619	G1	0.	0.	0.3	0.	0.	0.
619	G2	0.	0.	0.048	0.	0.	0.
619	Qm	0.	0.	0.209	0.	0.	0.
619	Qs	0.	0.	0.019	0.	0.	0.
619	T+	-1.302E-14	2.280E-14	0.	0.	0.	0.
619	T-	1.302E-14	-2.280E-14	0.	0.	0.	0.
619	W	0.	0.	0.075	0.	0.	0.
619	Qm-1	0.	0.	0.234	0.	0.	0.
619	Qm-2	0.	0.	0.028	0.	0.	0.
620	DEAD	0.	0.	0.	0.	0.	0.
620	G1	0.	0.	0.3	0.	0.	0.
620	G2	0.	0.	0.05	0.	0.	0.
620	Qm	0.	0.	0.214	0.	0.	0.
620	Qs	0.	0.	0.019	0.	0.	0.
620	T+	2.762E-14	-5.272E-14	0.	0.	0.	0.
620	T-	-2.762E-14	5.272E-14	0.	0.	0.	0.
620	W	0.	0.	0.071	0.	0.	0.
620	Qm-1	0.	0.	0.239	0.	0.	0.
620	Qm-2	0.	0.	0.027	0.	0.	0.
621	DEAD	0.	0.	0.	0.	0.	0.
621	G1	0.	0.	0.3	0.	0.	0.
621	G2	0.	0.	0.051	0.	0.	0.
621	Qm	0.	0.	0.219	0.	0.	0.
621	Qs	0.	0.	0.019	0.	0.	0.
621	T+	-1.161E-14	-2.022E-14	0.	0.	0.	0.
621	T-	1.161E-14	2.022E-14	0.	0.	0.	0.
621	W	0.	0.	0.067	0.	0.	0.
621	Qm-1	0.	0.	0.243	0.	0.	0.
621	Qm-2	0.	0.	0.027	0.	0.	0.
622	DEAD	0.	0.	0.	0.	0.	0.
622	G1	0.	0.	0.3	0.	0.	0.
622	G2	0.	0.	0.053	0.	0.	0.
622	Qm	0.	0.	0.224	0.	0.	0.
622	Qs	0.	0.	0.019	0.	0.	0.
622	T+	-2.113E-14	3.350E-14	0.	0.	0.	0.
622	T-	2.113E-14	-3.350E-14	0.	0.	0.	0.
622	W	0.	0.	0.063	0.	0.	0.
622	Qm-1	0.	0.	0.248	0.	0.	0.
622	Qm-2	0.	0.	0.026	0.	0.	0.
623	DEAD	0.	0.	0.	0.	0.	0.

Table 25: Joint Reactions

Joint	OutputCase	F1	F2	F3	M1	M2	M3
		KN	KN	KN	KN-mm	KN-mm	KN-mm
623	G1	0.	0.	0.3	0.	0.	0.
623	G2	0.	0.	0.054	0.	0.	0.
623	Qm	0.	0.	0.229	0.	0.	0.
623	Qs	0.	0.	0.019	0.	0.	0.
623	T+	8.237E-15	-3.296E-14	0.	0.	0.	0.
623	T-	-8.237E-15	3.296E-14	0.	0.	0.	0.
623	W	0.	0.	0.059	0.	0.	0.
623	Qm-1	0.	0.	0.253	0.	0.	0.
623	Qm-2	0.	0.	0.026	0.	0.	0.
624	DEAD	0.	0.	0.	0.	0.	0.
624	G1	0.	0.	0.3	0.	0.	0.
624	G2	0.	0.	0.056	0.	0.	0.
624	Qm	0.	0.	0.234	0.	0.	0.
624	Qs	0.	0.	0.019	0.	0.	0.
624	T+	-2.049E-14	6.349E-15	0.	0.	0.	0.
624	T-	2.049E-14	-6.349E-15	0.	0.	0.	0.
624	W	0.	0.	0.056	0.	0.	0.
624	Qm-1	0.	0.	0.257	0.	0.	0.
624	Qm-2	0.	0.	0.026	0.	0.	0.
625	DEAD	0.	0.	0.	0.	0.	0.
625	G1	0.	0.	0.3	0.	0.	0.
625	G2	0.	0.	0.057	0.	0.	0.
625	Qm	0.	0.	0.239	0.	0.	0.
625	Qs	0.	0.	0.019	0.	0.	0.
625	T+	2.826E-15	2.085E-14	0.	0.	0.	0.
625	T-	-2.826E-15	-2.085E-14	0.	0.	0.	0.
625	W	0.	0.	0.052	0.	0.	0.
625	Qm-1	0.	0.	0.262	0.	0.	0.
625	Qm-2	0.	0.	0.025	0.	0.	0.
626	DEAD	0.	0.	0.	0.	0.	0.
626	G1	0.	0.	0.3	0.	0.	0.
626	G2	0.	0.	0.059	0.	0.	0.
626	Qm	0.	0.	0.244	0.	0.	0.
626	Qs	0.	0.	0.019	0.	0.	0.
626	T+	2.745E-15	-3.654E-14	0.	0.	0.	0.
626	T-	-2.745E-15	3.654E-14	0.	0.	0.	0.
626	W	0.	0.	0.048	0.	0.	0.
626	Qm-1	0.	0.	0.267	0.	0.	0.
626	Qm-2	0.	0.	0.025	0.	0.	0.
627	DEAD	0.	0.	0.	0.	0.	0.
627	G1	0.	0.	0.3	0.	0.	0.
627	G2	0.	0.	0.06	0.	0.	0.
627	Qm	0.	0.	0.249	0.	0.	0.
627	Qs	0.	0.	0.019	0.	0.	0.
627	T+	-1.988E-14	9.408E-15	0.	0.	0.	0.
627	T-	1.988E-14	-9.408E-15	0.	0.	0.	0.
627	W	0.	0.	0.044	0.	0.	0.
627	Qm-1	0.	0.	0.271	0.	0.	0.
627	Qm-2	0.	0.	0.024	0.	0.	0.
628	DEAD	0.	0.	0.	0.	0.	0.
628	G1	0.	0.	0.3	0.	0.	0.
628	G2	0.	0.	0.062	0.	0.	0.
628	Qm	0.	0.	0.254	0.	0.	0.
628	Qs	0.	0.	0.019	0.	0.	0.

Table 25: Joint Reactions

Joint	OutputCase	F1	F2	F3	M1	M2	M3
		KN	KN	KN	KN-mm	KN-mm	KN-mm
628	T+	-2.511E-14	7.214E-15	0.	0.	0.	0.
628	T-	2.511E-14	-7.214E-15	0.	0.	0.	0.
628	W	0.	0.	0.04	0.	0.	0.
628	Qm-1	0.	0.	0.276	0.	0.	0.
628	Qm-2	0.	0.	0.024	0.	0.	0.
629	DEAD	0.	0.	0.	0.	0.	0.
629	G1	0.	0.	0.3	0.	0.	0.
629	G2	0.	0.	0.063	0.	0.	0.
629	Qm	0.	0.	0.259	0.	0.	0.
629	Qs	0.	0.	0.019	0.	0.	0.
629	T+	-2.845E-14	-8.408E-15	0.	0.	0.	0.
629	T-	2.845E-14	8.408E-15	0.	0.	0.	0.
629	W	0.	0.	0.036	0.	0.	0.
629	Qm-1	0.	0.	0.281	0.	0.	0.
629	Qm-2	0.	0.	0.024	0.	0.	0.
630	DEAD	0.	0.	0.	0.	0.	0.
630	G1	0.	0.	0.15	0.	0.	0.
630	G2	0.	0.	0.032	0.	0.	0.
630	Qm	0.	0.	0.132	0.	0.	0.
630	Qs	0.	0.	9.600E-03	0.	0.	0.
630	T+	-3.492E-16	177.053	0.	0.	0.	0.
630	T-	3.492E-16	-177.053	0.	0.	0.	0.
630	W	0.	0.	0.016	0.	0.	0.
630	Qm-1	0.	0.	0.143	0.	0.	0.
630	Qm-2	0.	0.	0.012	0.	0.	0.
631	DEAD	0.	0.	0.	0.	0.	0.
631	G1	0.	0.	0.15	0.	0.	0.
631	G2	0.	0.	0.013	0.	0.	0.
631	Qm	0.	0.	0.069	0.	0.	0.
631	Qs	0.	0.	9.600E-03	0.	0.	0.
631	T+	-6.410E-16	-177.053	0.	0.	0.	0.
631	T-	6.410E-16	177.053	0.	0.	0.	0.
631	W	0.	0.	0.068	0.	0.	0.
631	Qm-1	0.	0.	0.084	0.	0.	0.
631	Qm-2	0.	0.	0.017	0.	0.	0.
632	DEAD	0.	0.	0.	0.	0.	0.
632	G1	0.	0.	0.3	0.	0.	0.
632	G2	0.	0.	0.028	0.	0.	0.
632	Qm	0.	0.	0.143	0.	0.	0.
632	Qs	0.	0.	0.019	0.	0.	0.
632	T+	1.583E-14	-1.254E-15	0.	0.	0.	0.
632	T-	-1.583E-14	1.254E-15	0.	0.	0.	0.
632	W	-2.8	0.	0.132	0.	0.	0.
632	Qm-1	0.	0.	0.173	0.	0.	0.
632	Qm-2	0.	0.	0.033	0.	0.	0.
633	DEAD	0.	0.	0.	0.	0.	0.
633	G1	0.	0.	0.3	0.	0.	0.
633	G2	0.	0.	0.03	0.	0.	0.
633	Qm	0.	0.	0.148	0.	0.	0.
633	Qs	0.	0.	0.019	0.	0.	0.
633	T+	1.233E-14	1.145E-15	0.	0.	0.	0.
633	T-	-1.233E-14	-1.145E-15	0.	0.	0.	0.
633	W	0.	0.	0.128	0.	0.	0.
633	Qm-1	0.	0.	0.177	0.	0.	0.

Table 25: Joint Reactions

Joint	OutputCase	F1	F2	F3	M1	M2	M3
		KN	KN	KN	KN-mm	KN-mm	KN-mm
633	Qm-2	0.	0.	0.032	0.	0.	0.
634	DEAD	0.	0.	0.	0.	0.	0.
634	G1	0.	0.	0.3	0.	0.	0.
634	G2	0.	0.	0.031	0.	0.	0.
634	Qm	0.	0.	0.153	0.	0.	0.
634	Qs	0.	0.	0.019	0.	0.	0.
634	T+	1.618E-14	2.590E-14	0.	0.	0.	0.
634	T-	-1.618E-14	-2.590E-14	0.	0.	0.	0.
634	W	0.	0.	0.124	0.	0.	0.
634	Qm-1	0.	0.	0.182	0.	0.	0.
634	Qm-2	0.	0.	0.032	0.	0.	0.
635	DEAD	0.	0.	0.	0.	0.	0.
635	G1	0.	0.	0.3	0.	0.	0.
635	G2	0.	0.	0.033	0.	0.	0.
635	Qm	0.	0.	0.158	0.	0.	0.
635	Qs	0.	0.	0.019	0.	0.	0.
635	T+	-5.252E-15	4.128E-15	0.	0.	0.	0.
635	T-	5.252E-15	-4.128E-15	0.	0.	0.	0.
635	W	0.	0.	0.121	0.	0.	0.
635	Qm-1	0.	0.	0.187	0.	0.	0.
635	Qm-2	0.	0.	0.032	0.	0.	0.
636	DEAD	0.	0.	0.	0.	0.	0.
636	G1	0.	0.	0.3	0.	0.	0.
636	G2	0.	0.	0.034	0.	0.	0.
636	Qm	0.	0.	0.163	0.	0.	0.
636	Qs	0.	0.	0.019	0.	0.	0.
636	T+	3.369E-15	-2.946E-14	0.	0.	0.	0.
636	T-	-3.369E-15	2.946E-14	0.	0.	0.	0.
636	W	0.	0.	0.117	0.	0.	0.
636	Qm-1	0.	0.	0.191	0.	0.	0.
636	Qm-2	0.	0.	0.031	0.	0.	0.
637	DEAD	0.	0.	0.	0.	0.	0.
637	G1	0.	0.	0.3	0.	0.	0.
637	G2	0.	0.	0.036	0.	0.	0.
637	Qm	0.	0.	0.168	0.	0.	0.
637	Qs	0.	0.	0.019	0.	0.	0.
637	T+	-2.695E-14	-5.187E-17	0.	0.	0.	0.
637	T-	2.695E-14	5.187E-17	0.	0.	0.	0.
637	W	0.	0.	0.113	0.	0.	0.
637	Qm-1	0.	0.	0.196	0.	0.	0.
637	Qm-2	0.	0.	0.031	0.	0.	0.
638	DEAD	0.	0.	0.	0.	0.	0.
638	G1	0.	0.	0.3	0.	0.	0.
638	G2	0.	0.	0.037	0.	0.	0.
638	Qm	0.	0.	0.173	0.	0.	0.
638	Qs	0.	0.	0.019	0.	0.	0.
638	T+	-4.120E-15	1.141E-14	0.	0.	0.	0.
638	T-	4.120E-15	-1.141E-14	0.	0.	0.	0.
638	W	0.	0.	0.109	0.	0.	0.
638	Qm-1	0.	0.	0.201	0.	0.	0.
638	Qm-2	0.	0.	0.03	0.	0.	0.
639	DEAD	0.	0.	0.	0.	0.	0.
639	G1	0.	0.	0.3	0.	0.	0.
639	G2	0.	0.	0.039	0.	0.	0.

Table 25: Joint Reactions

Joint	OutputCase	F1	F2	F3	M1	M2	M3
		KN	KN	KN	KN-mm	KN-mm	KN-mm
639	Qm	0.	0.	0.178	0.	0.	0.
639	Qs	0.	0.	0.019	0.	0.	0.
639	T+	3.188E-14	7.172E-15	0.	0.	0.	0.
639	T-	-3.188E-14	-7.172E-15	0.	0.	0.	0.
639	W	0.	0.	0.105	0.	0.	0.
639	Qm-1	0.	0.	0.205	0.	0.	0.
639	Qm-2	0.	0.	0.03	0.	0.	0.
640	DEAD	0.	0.	0.	0.	0.	0.
640	G1	0.	0.	0.3	0.	0.	0.
640	G2	0.	0.	0.04	0.	0.	0.
640	Qm	0.	0.	0.183	0.	0.	0.
640	Qs	0.	0.	0.019	0.	0.	0.
640	T+	-2.528E-14	-3.971E-14	0.	0.	0.	0.
640	T-	2.528E-14	3.971E-14	0.	0.	0.	0.
640	W	-5.6	0.	0.101	0.	0.	0.
640	Qm-1	0.	0.	0.21	0.	0.	0.
640	Qm-2	0.	0.	0.03	0.	0.	0.
641	DEAD	0.	0.	0.	0.	0.	0.
641	G1	0.	0.	0.3	0.	0.	0.
641	G2	0.	0.	0.042	0.	0.	0.
641	Qm	0.	0.	0.188	0.	0.	0.
641	Qs	0.	0.	0.019	0.	0.	0.
641	T+	-2.837E-15	-8.718E-15	0.	0.	0.	0.
641	T-	2.837E-15	8.718E-15	0.	0.	0.	0.
641	W	0.	0.	0.098	0.	0.	0.
641	Qm-1	0.	0.	0.215	0.	0.	0.
641	Qm-2	0.	0.	0.029	0.	0.	0.
642	DEAD	0.	0.	0.	0.	0.	0.
642	G1	0.	0.	0.3	0.	0.	0.
642	G2	0.	0.	0.043	0.	0.	0.
642	Qm	0.	0.	0.193	0.	0.	0.
642	Qs	0.	0.	0.019	0.	0.	0.
642	T+	-1.430E-15	-1.890E-14	0.	0.	0.	0.
642	T-	1.430E-15	1.890E-14	0.	0.	0.	0.
642	W	0.	0.	0.094	0.	0.	0.
642	Qm-1	0.	0.	0.219	0.	0.	0.
642	Qm-2	0.	0.	0.029	0.	0.	0.
643	DEAD	0.	0.	0.	0.	0.	0.
643	G1	0.	0.	0.3	0.	0.	0.
643	G2	0.	0.	0.045	0.	0.	0.
643	Qm	0.	0.	0.198	0.	0.	0.
643	Qs	0.	0.	0.019	0.	0.	0.
643	T+	3.020E-14	4.759E-15	0.	0.	0.	0.
643	T-	-3.020E-14	-4.759E-15	0.	0.	0.	0.
643	W	0.	0.	0.09	0.	0.	0.
643	Qm-1	0.	0.	0.224	0.	0.	0.
643	Qm-2	0.	0.	0.028	0.	0.	0.
644	DEAD	0.	0.	0.	0.	0.	0.
644	G1	0.	0.	0.3	0.	0.	0.
644	G2	0.	0.	0.046	0.	0.	0.
644	Qm	0.	0.	0.203	0.	0.	0.
644	Qs	0.	0.	0.019	0.	0.	0.
644	T+	1.617E-14	-4.949E-15	0.	0.	0.	0.
644	T-	-1.617E-14	4.949E-15	0.	0.	0.	0.

Table 25: Joint Reactions

Joint	OutputCase	F1	F2	F3	M1	M2	M3
		KN	KN	KN	KN-mm	KN-mm	KN-mm
644	W	0.	0.	0.086	0.	0.	0.
644	Qm-1	0.	0.	0.229	0.	0.	0.
644	Qm-2	0.	0.	0.028	0.	0.	0.
645	DEAD	0.	0.	0.	0.	0.	0.
645	G1	0.	0.	0.3	0.	0.	0.
645	G2	0.	0.	0.048	0.	0.	0.
645	Qm	0.	0.	0.208	0.	0.	0.
645	Qs	0.	0.	0.019	0.	0.	0.
645	T+	-4.913E-15	1.606E-14	0.	0.	0.	0.
645	T-	4.913E-15	-1.606E-14	0.	0.	0.	0.
645	W	0.	0.	0.082	0.	0.	0.
645	Qm-1	0.	0.	0.233	0.	0.	0.
645	Qm-2	0.	0.	0.028	0.	0.	0.
646	DEAD	0.	0.	0.	0.	0.	0.
646	G1	0.	0.	0.3	0.	0.	0.
646	G2	0.	0.	0.05	0.	0.	0.
646	Qm	0.	0.	0.213	0.	0.	0.
646	Qs	0.	0.	0.019	0.	0.	0.
646	T+	1.734E-14	5.683E-14	0.	0.	0.	0.
646	T-	-1.734E-14	-5.683E-14	0.	0.	0.	0.
646	W	0.	0.	0.078	0.	0.	0.
646	Qm-1	0.	0.	0.238	0.	0.	0.
646	Qm-2	0.	0.	0.027	0.	0.	0.
647	DEAD	0.	0.	0.	0.	0.	0.
647	G1	0.	0.	0.3	0.	0.	0.
647	G2	0.	0.	0.051	0.	0.	0.
647	Qm	0.	0.	0.218	0.	0.	0.
647	Qs	0.	0.	0.019	0.	0.	0.
647	T+	-1.897E-14	-1.410E-14	0.	0.	0.	0.
647	T-	1.897E-14	1.410E-14	0.	0.	0.	0.
647	W	-5.6	0.	0.075	0.	0.	0.
647	Qm-1	0.	0.	0.243	0.	0.	0.
647	Qm-2	0.	0.	0.027	0.	0.	0.
648	DEAD	0.	0.	0.	0.	0.	0.
648	G1	0.	0.	0.3	0.	0.	0.
648	G2	0.	0.	0.053	0.	0.	0.
648	Qm	0.	0.	0.223	0.	0.	0.
648	Qs	0.	0.	0.019	0.	0.	0.
648	T+	2.072E-14	-3.826E-14	0.	0.	0.	0.
648	T-	-2.072E-14	3.826E-14	0.	0.	0.	0.
648	W	0.	0.	0.071	0.	0.	0.
648	Qm-1	0.	0.	0.247	0.	0.	0.
648	Qm-2	0.	0.	0.026	0.	0.	0.
649	DEAD	0.	0.	0.	0.	0.	0.
649	G1	0.	0.	0.3	0.	0.	0.
649	G2	0.	0.	0.054	0.	0.	0.
649	Qm	0.	0.	0.228	0.	0.	0.
649	Qs	0.	0.	0.019	0.	0.	0.
649	T+	5.232E-14	1.393E-14	0.	0.	0.	0.
649	T-	-5.232E-14	-1.393E-14	0.	0.	0.	0.
649	W	0.	0.	0.067	0.	0.	0.
649	Qm-1	0.	0.	0.252	0.	0.	0.
649	Qm-2	0.	0.	0.026	0.	0.	0.
650	DEAD	0.	0.	0.	0.	0.	0.

Table 25: Joint Reactions

Joint	OutputCase	F1	F2	F3	M1	M2	M3
		KN	KN	KN	KN-mm	KN-mm	KN-mm
650	G1	0.	0.	0.3	0.	0.	0.
650	G2	0.	0.	0.056	0.	0.	0.
650	Qm	0.	0.	0.233	0.	0.	0.
650	Qs	0.	0.	0.019	0.	0.	0.
650	T+	-1.150E-14	-3.244E-15	0.	0.	0.	0.
650	T-	1.150E-14	3.244E-15	0.	0.	0.	0.
650	W	0.	0.	0.063	0.	0.	0.
650	Qm-1	0.	0.	0.257	0.	0.	0.
650	Qm-2	0.	0.	0.026	0.	0.	0.
651	DEAD	0.	0.	0.	0.	0.	0.
651	G1	0.	0.	0.3	0.	0.	0.
651	G2	0.	0.	0.057	0.	0.	0.
651	Qm	0.	0.	0.238	0.	0.	0.
651	Qs	0.	0.	0.019	0.	0.	0.
651	T+	-2.630E-16	3.552E-14	0.	0.	0.	0.
651	T-	2.630E-16	-3.552E-14	0.	0.	0.	0.
651	W	0.	0.	0.059	0.	0.	0.
651	Qm-1	0.	0.	0.261	0.	0.	0.
651	Qm-2	0.	0.	0.025	0.	0.	0.
652	DEAD	0.	0.	0.	0.	0.	0.
652	G1	0.	0.	0.3	0.	0.	0.
652	G2	0.	0.	0.059	0.	0.	0.
652	Qm	0.	0.	0.243	0.	0.	0.
652	Qs	0.	0.	0.019	0.	0.	0.
652	T+	-1.912E-15	-5.122E-14	0.	0.	0.	0.
652	T-	1.912E-15	5.122E-14	0.	0.	0.	0.
652	W	0.	0.	0.056	0.	0.	0.
652	Qm-1	0.	0.	0.266	0.	0.	0.
652	Qm-2	0.	0.	0.025	0.	0.	0.
653	DEAD	0.	0.	0.	0.	0.	0.
653	G1	0.	0.	0.3	0.	0.	0.
653	G2	0.	0.	0.06	0.	0.	0.
653	Qm	0.	0.	0.248	0.	0.	0.
653	Qs	0.	0.	0.019	0.	0.	0.
653	T+	2.891E-15	1.974E-14	0.	0.	0.	0.
653	T-	-2.891E-15	-1.974E-14	0.	0.	0.	0.
653	W	0.	0.	0.052	0.	0.	0.
653	Qm-1	0.	0.	0.271	0.	0.	0.
653	Qm-2	0.	0.	0.024	0.	0.	0.
654	DEAD	0.	0.	0.	0.	0.	0.
654	G1	0.	0.	0.3	0.	0.	0.
654	G2	0.	0.	0.062	0.	0.	0.
654	Qm	0.	0.	0.253	0.	0.	0.
654	Qs	0.	0.	0.019	0.	0.	0.
654	T+	3.908E-14	1.033E-14	0.	0.	0.	0.
654	T-	-3.908E-14	-1.033E-14	0.	0.	0.	0.
654	W	-2.8	0.	0.048	0.	0.	0.
654	Qm-1	0.	0.	0.275	0.	0.	0.
654	Qm-2	0.	0.	0.024	0.	0.	0.
655	DEAD	0.	0.	0.	0.	0.	0.
655	G1	0.	0.	0.3	0.	0.	0.
655	G2	0.	0.	0.063	0.	0.	0.
655	Qm	0.	0.	0.258	0.	0.	0.
655	Qs	0.	0.	0.019	0.	0.	0.

Table 25: Joint Reactions

Joint	OutputCase	F1	F2	F3	M1	M2	M3
		KN	KN	KN	KN-mm	KN-mm	KN-mm
655	T+	-1.337E-14	-1.112E-14	0.	0.	0.	0.
655	T-	1.337E-14	1.112E-14	0.	0.	0.	0.
655	W	0.	-2.8	0.044	0.	0.	0.
655	Qm-1	0.	0.	0.28	0.	0.	0.
655	Qm-2	0.	0.	0.024	0.	0.	0.
656	DEAD	0.	0.	0.	0.	0.	0.
656	G1	0.	0.	0.15	0.	0.	0.
656	G2	0.	0.	0.032	0.	0.	0.
656	Qm	0.	0.	0.132	0.	0.	0.
656	Qs	0.	0.	9.600E-03	0.	0.	0.
656	T+	1.228E-15	177.053	0.	0.	0.	0.
656	T-	-1.228E-15	-177.053	0.	0.	0.	0.
656	W	0.	0.	0.02	0.	0.	0.
656	Qm-1	0.	0.	0.142	0.	0.	0.
656	Qm-2	0.	0.	0.012	0.	0.	0.
657	DEAD	0.	0.	0.	0.	0.	0.
657	G1	0.	0.	0.15	0.	0.	0.
657	G2	0.	0.	0.014	0.	0.	0.
657	Qm	0.	0.	0.071	0.	0.	0.
657	Qs	0.	0.	9.600E-03	0.	0.	0.
657	T+	-177.053	5.658E-16	0.	0.	0.	0.
657	T-	177.053	-5.658E-16	0.	0.	0.	0.
657	W	0.	0.	0.07	0.	0.	0.
657	Qm-1	0.	0.	0.086	0.	0.	0.
657	Qm-2	0.	0.	0.016	0.	0.	0.
658	DEAD	0.	0.	0.	0.	0.	0.
658	G1	0.	0.	0.15	0.	0.	0.
658	G2	0.	0.	0.015	0.	0.	0.
658	Qm	0.	0.	0.074	0.	0.	0.
658	Qs	0.	0.	9.600E-03	0.	0.	0.
658	T+	-177.053	-3.799E-16	0.	0.	0.	0.
658	T-	177.053	3.799E-16	0.	0.	0.	0.
658	W	0.	0.	0.068	0.	0.	0.
658	Qm-1	0.	0.	0.088	0.	0.	0.
658	Qm-2	0.	0.	0.016	0.	0.	0.
659	DEAD	0.	0.	0.	0.	0.	0.
659	G1	0.	0.	0.15	0.	0.	0.
659	G2	0.	0.	0.016	0.	0.	0.
659	Qm	0.	0.	0.076	0.	0.	0.
659	Qs	0.	0.	9.600E-03	0.	0.	0.
659	T+	-177.053	1.477E-14	0.	0.	0.	0.
659	T-	177.053	-1.477E-14	0.	0.	0.	0.
659	W	0.	0.	0.066	0.	0.	0.
659	Qm-1	0.	0.	0.091	0.	0.	0.
659	Qm-2	0.	0.	0.016	0.	0.	0.
660	DEAD	0.	0.	0.	0.	0.	0.
660	G1	0.	0.	0.15	0.	0.	0.
660	G2	0.	0.	0.016	0.	0.	0.
660	Qm	0.	0.	0.079	0.	0.	0.
660	Qs	0.	0.	9.600E-03	0.	0.	0.
660	T+	-177.053	-1.880E-15	0.	0.	0.	0.
660	T-	177.053	1.880E-15	0.	0.	0.	0.
660	W	0.	0.	0.064	0.	0.	0.
660	Qm-1	0.	0.	0.093	0.	0.	0.

Table 25: Joint Reactions

Joint	OutputCase	F1	F2	F3	M1	M2	M3
		KN	KN	KN	KN-mm	KN-mm	KN-mm
660	Qm-2	0.	0.	0.016	0.	0.	0.
661	DEAD	0.	0.	0.	0.	0.	0.
661	G1	0.	0.	0.15	0.	0.	0.
661	G2	0.	0.	0.017	0.	0.	0.
661	Qm	0.	0.	0.081	0.	0.	0.
661	Qs	0.	0.	9.600E-03	0.	0.	0.
661	T+	-177.053	-1.279E-14	0.	0.	0.	0.
661	T-	177.053	1.279E-14	0.	0.	0.	0.
661	W	0.	0.	0.062	0.	0.	0.
661	Qm-1	0.	0.	0.095	0.	0.	0.
661	Qm-2	0.	0.	0.016	0.	0.	0.
662	DEAD	0.	0.	0.	0.	0.	0.
662	G1	0.	0.	0.15	0.	0.	0.
662	G2	0.	0.	0.018	0.	0.	0.
662	Qm	0.	0.	0.084	0.	0.	0.
662	Qs	0.	0.	9.600E-03	0.	0.	0.
662	T+	-177.053	-2.472E-16	0.	0.	0.	0.
662	T-	177.053	2.472E-16	0.	0.	0.	0.
662	W	0.	0.	0.06	0.	0.	0.
662	Qm-1	0.	0.	0.098	0.	0.	0.
662	Qm-2	0.	0.	0.015	0.	0.	0.
663	DEAD	0.	0.	0.	0.	0.	0.
663	G1	0.	0.	0.15	0.	0.	0.
663	G2	0.	0.	0.019	0.	0.	0.
663	Qm	0.	0.	0.086	0.	0.	0.
663	Qs	0.	0.	9.600E-03	0.	0.	0.
663	T+	-177.053	1.600E-14	0.	0.	0.	0.
663	T-	177.053	-1.600E-14	0.	0.	0.	0.
663	W	0.	0.	0.058	0.	0.	0.
663	Qm-1	0.	0.	0.1	0.	0.	0.
663	Qm-2	0.	0.	0.015	0.	0.	0.
664	DEAD	0.	0.	0.	0.	0.	0.
664	G1	0.	0.	0.15	0.	0.	0.
664	G2	0.	0.	0.019	0.	0.	0.
664	Qm	0.	0.	0.089	0.	0.	0.
664	Qs	0.	0.	9.600E-03	0.	0.	0.
664	T+	-177.053	-1.798E-14	0.	0.	0.	0.
664	T-	177.053	1.798E-14	0.	0.	0.	0.
664	W	0.	0.	0.056	0.	0.	0.
664	Qm-1	0.	0.	0.102	0.	0.	0.
664	Qm-2	0.	0.	0.015	0.	0.	0.
665	DEAD	0.	0.	0.	0.	0.	0.
665	G1	0.	0.	0.15	0.	0.	0.
665	G2	0.	0.	0.02	0.	0.	0.
665	Qm	0.	0.	0.091	0.	0.	0.
665	Qs	0.	0.	9.600E-03	0.	0.	0.
665	T+	-177.053	1.856E-14	0.	0.	0.	0.
665	T-	177.053	-1.856E-14	0.	0.	0.	0.
665	W	0.	0.	0.055	0.	0.	0.
665	Qm-1	0.	0.	0.105	0.	0.	0.
665	Qm-2	0.	0.	0.015	0.	0.	0.
666	DEAD	0.	0.	0.	0.	0.	0.
666	G1	0.	0.	0.15	0.	0.	0.
666	G2	0.	0.	0.021	0.	0.	0.

Table 25: Joint Reactions

Joint	OutputCase	F1	F2	F3	M1	M2	M3
		KN	KN	KN	KN-mm	KN-mm	KN-mm
666	Qm	0.	0.	0.094	0.	0.	0.
666	Qs	0.	0.	9.600E-03	0.	0.	0.
666	T+	-177.053	-2.014E-15	0.	0.	0.	0.
666	T-	177.053	2.014E-15	0.	0.	0.	0.
666	W	0.	0.	0.053	0.	0.	0.
666	Qm-1	0.	0.	0.107	0.	0.	0.
666	Qm-2	0.	0.	0.015	0.	0.	0.
667	DEAD	0.	0.	0.	0.	0.	0.
667	G1	0.	0.	0.15	0.	0.	0.
667	G2	0.	0.	0.022	0.	0.	0.
667	Qm	0.	0.	0.096	0.	0.	0.
667	Qs	0.	0.	9.600E-03	0.	0.	0.
667	T+	-177.053	-3.784E-17	0.	0.	0.	0.
667	T-	177.053	3.784E-17	0.	0.	0.	0.
667	W	0.	0.	0.051	0.	0.	0.
667	Qm-1	0.	0.	0.109	0.	0.	0.
667	Qm-2	0.	0.	0.014	0.	0.	0.
668	DEAD	0.	0.	0.	0.	0.	0.
668	G1	0.	0.	0.15	0.	0.	0.
668	G2	0.	0.	0.022	0.	0.	0.
668	Qm	0.	0.	0.099	0.	0.	0.
668	Qs	0.	0.	9.600E-03	0.	0.	0.
668	T+	-177.053	-1.535E-14	0.	0.	0.	0.
668	T-	177.053	1.535E-14	0.	0.	0.	0.
668	W	0.	0.	0.049	0.	0.	0.
668	Qm-1	0.	0.	0.112	0.	0.	0.
668	Qm-2	0.	0.	0.014	0.	0.	0.
669	DEAD	0.	0.	0.	0.	0.	0.
669	G1	0.	0.	0.15	0.	0.	0.
669	G2	0.	0.	0.023	0.	0.	0.
669	Qm	0.	0.	0.101	0.	0.	0.
669	Qs	0.	0.	9.600E-03	0.	0.	0.
669	T+	-177.053	1.455E-14	0.	0.	0.	0.
669	T-	177.053	-1.455E-14	0.	0.	0.	0.
669	W	0.	0.	0.047	0.	0.	0.
669	Qm-1	0.	0.	0.114	0.	0.	0.
669	Qm-2	0.	0.	0.014	0.	0.	0.
670	DEAD	0.	0.	0.	0.	0.	0.
670	G1	0.	0.	0.15	0.	0.	0.
670	G2	0.	0.	0.024	0.	0.	0.
670	Qm	0.	0.	0.104	0.	0.	0.
670	Qs	0.	0.	9.600E-03	0.	0.	0.
670	T+	-177.053	1.009E-15	0.	0.	0.	0.
670	T-	177.053	-1.009E-15	0.	0.	0.	0.
670	W	0.	0.	0.045	0.	0.	0.
670	Qm-1	0.	0.	0.116	0.	0.	0.
670	Qm-2	0.	0.	0.014	0.	0.	0.
671	DEAD	0.	0.	0.	0.	0.	0.
671	G1	0.	0.	0.15	0.	0.	0.
671	G2	0.	0.	0.025	0.	0.	0.
671	Qm	0.	0.	0.106	0.	0.	0.
671	Qs	0.	0.	9.600E-03	0.	0.	0.
671	T+	-177.053	-8.999E-16	0.	0.	0.	0.
671	T-	177.053	8.999E-16	0.	0.	0.	0.

Table 25: Joint Reactions

Joint	OutputCase	F1	F2	F3	M1	M2	M3
		KN	KN	KN	KN-mm	KN-mm	KN-mm
671	W	0.	0.	0.043	0.	0.	0.
671	Qm-1	0.	0.	0.119	0.	0.	0.
671	Qm-2	0.	0.	0.014	0.	0.	0.
672	DEAD	0.	0.	0.	0.	0.	0.
672	G1	0.	0.	0.15	0.	0.	0.
672	G2	0.	0.	0.026	0.	0.	0.
672	Qm	0.	0.	0.109	0.	0.	0.
672	Qs	0.	0.	9.600E-03	0.	0.	0.
672	T+	-177.053	-1.369E-14	0.	0.	0.	0.
672	T-	177.053	1.369E-14	0.	0.	0.	0.
672	W	0.	0.	0.041	0.	0.	0.
672	Qm-1	0.	0.	0.121	0.	0.	0.
672	Qm-2	0.	0.	0.013	0.	0.	0.
673	DEAD	0.	0.	0.	0.	0.	0.
673	G1	0.	0.	0.15	0.	0.	0.
673	G2	0.	0.	0.026	0.	0.	0.
673	Qm	0.	0.	0.111	0.	0.	0.
673	Qs	0.	0.	9.600E-03	0.	0.	0.
673	T+	-177.053	-1.737E-14	0.	0.	0.	0.
673	T-	177.053	1.737E-14	0.	0.	0.	0.
673	W	0.	0.	0.039	0.	0.	0.
673	Qm-1	0.	0.	0.123	0.	0.	0.
673	Qm-2	0.	0.	0.013	0.	0.	0.
674	DEAD	0.	0.	0.	0.	0.	0.
674	G1	0.	0.	0.15	0.	0.	0.
674	G2	0.	0.	0.027	0.	0.	0.
674	Qm	0.	0.	0.114	0.	0.	0.
674	Qs	0.	0.	9.600E-03	0.	0.	0.
674	T+	-177.053	1.549E-14	0.	0.	0.	0.
674	T-	177.053	-1.549E-14	0.	0.	0.	0.
674	W	0.	0.	0.037	0.	0.	0.
674	Qm-1	0.	0.	0.126	0.	0.	0.
674	Qm-2	0.	0.	0.013	0.	0.	0.
675	DEAD	0.	0.	0.	0.	0.	0.
675	G1	0.	0.	0.15	0.	0.	0.
675	G2	0.	0.	0.028	0.	0.	0.
675	Qm	0.	0.	0.116	0.	0.	0.
675	Qs	0.	0.	9.600E-03	0.	0.	0.
675	T+	-177.053	7.747E-16	0.	0.	0.	0.
675	T-	177.053	-7.747E-16	0.	0.	0.	0.
675	W	0.	0.	0.035	0.	0.	0.
675	Qm-1	0.	0.	0.128	0.	0.	0.
675	Qm-2	0.	0.	0.013	0.	0.	0.
676	DEAD	0.	0.	0.	0.	0.	0.
676	G1	0.	0.	0.15	0.	0.	0.
676	G2	0.	0.	0.029	0.	0.	0.
676	Qm	0.	0.	0.119	0.	0.	0.
676	Qs	0.	0.	9.600E-03	0.	0.	0.
676	T+	-177.053	1.164E-14	0.	0.	0.	0.
676	T-	177.053	-1.164E-14	0.	0.	0.	0.
676	W	0.	0.	0.034	0.	0.	0.
676	Qm-1	0.	0.	0.13	0.	0.	0.
676	Qm-2	0.	0.	0.013	0.	0.	0.
677	DEAD	0.	0.	0.	0.	0.	0.

Table 25: Joint Reactions

Joint	OutputCase	F1	F2	F3	M1	M2	M3
		KN	KN	KN	KN-mm	KN-mm	KN-mm
677	G1	0.	0.	0.15	0.	0.	0.
677	G2	0.	0.	0.029	0.	0.	0.
677	Qm	0.	0.	0.121	0.	0.	0.
677	Qs	0.	0.	9.600E-03	0.	0.	0.
677	T+	-177.053	-2.484E-14	0.	0.	0.	0.
677	T-	177.053	2.484E-14	0.	0.	0.	0.
677	W	0.	0.	0.032	0.	0.	0.
677	Qm-1	0.	0.	0.133	0.	0.	0.
677	Qm-2	0.	0.	0.012	0.	0.	0.
678	DEAD	0.	0.	0.	0.	0.	0.
678	G1	0.	0.	0.15	0.	0.	0.
678	G2	0.	0.	0.03	0.	0.	0.
678	Qm	0.	0.	0.124	0.	0.	0.
678	Qs	0.	0.	9.600E-03	0.	0.	0.
678	T+	-177.053	1.234E-14	0.	0.	0.	0.
678	T-	177.053	-1.234E-14	0.	0.	0.	0.
678	W	0.	0.	0.03	0.	0.	0.
678	Qm-1	0.	0.	0.135	0.	0.	0.
678	Qm-2	0.	0.	0.012	0.	0.	0.
679	DEAD	0.	0.	0.	0.	0.	0.
679	G1	0.	0.	0.15	0.	0.	0.
679	G2	0.	0.	0.031	0.	0.	0.
679	Qm	0.	0.	0.126	0.	0.	0.
679	Qs	0.	0.	9.600E-03	0.	0.	0.
679	T+	-177.053	1.636E-15	0.	0.	0.	0.
679	T-	177.053	-1.636E-15	0.	0.	0.	0.
679	W	0.	0.	0.028	0.	0.	0.
679	Qm-1	0.	0.	0.137	0.	0.	0.
679	Qm-2	0.	0.	0.012	0.	0.	0.
680	DEAD	0.	0.	0.	0.	0.	0.
680	G1	0.	0.	0.15	0.	0.	0.
680	G2	0.	0.	0.032	0.	0.	0.
680	Qm	0.	0.	0.129	0.	0.	0.
680	Qs	0.	0.	9.600E-03	0.	0.	0.
680	T+	-177.053	8.411E-16	0.	0.	0.	0.
680	T-	177.053	-8.411E-16	0.	0.	0.	0.
680	W	0.	0.	0.026	0.	0.	0.
680	Qm-1	0.	0.	0.14	0.	0.	0.
680	Qm-2	0.	0.	0.012	0.	0.	0.

9. Frame results

This section provides frame force results.

Table 26: Element Forces - Frames, Part 1 of 2

Table 26: Element Forces - Frames, Part 1 of 2

Frame	Station	OutputCase	P	V2	V3
	mm		KN	KN	KN
1	0.	DEAD	0.	0.	0.
1	200.	DEAD	0.	0.	0.
1	200.	DEAD	0.	0.	0.

Table 26: Element Forces - Frames, Part 1 of 2

Frame	Station	OutputCase	P	V2	V3
	mm		KN	KN	KN
1	400.	DEAD	0.	0.	0.
1	400.	DEAD	0.	0.	0.
1	600.	DEAD	0.	0.	0.
1	600.	DEAD	0.	0.	0.
1	800.	DEAD	0.	0.	0.
1	800.	DEAD	0.	0.	0.
1	1000.	DEAD	0.	0.	0.
1	1000.	DEAD	0.	0.	0.
1	1200.	DEAD	0.	0.	0.
1	1200.	DEAD	0.	0.	0.
1	1400.	DEAD	0.	0.	0.
1	1400.	DEAD	0.	0.	0.
1	1600.	DEAD	0.	0.	0.
1	1600.	DEAD	0.	0.	0.
1	1800.	DEAD	0.	0.	0.
1	1800.	DEAD	0.	0.	0.
1	2000.	DEAD	0.	0.	0.
1	2000.	DEAD	0.	0.	0.
1	2200.	DEAD	0.	0.	0.
1	2200.	DEAD	0.	0.	0.
1	2400.	DEAD	0.	0.	0.
1	2400.	DEAD	0.	0.	0.
1	2600.	DEAD	0.	0.	0.
1	2600.	DEAD	0.	0.	0.
1	2800.	DEAD	0.	0.	0.
1	2800.	DEAD	0.	0.	0.
1	3000.	DEAD	0.	0.	0.
1	3000.	DEAD	0.	0.	0.
1	3200.	DEAD	0.	0.	0.
1	3200.	DEAD	0.	0.	0.
1	3400.	DEAD	0.	0.	0.
1	3400.	DEAD	0.	0.	0.
1	3600.	DEAD	0.	0.	0.
1	3600.	DEAD	0.	0.	0.
1	3800.	DEAD	0.	0.	0.
1	3800.	DEAD	0.	0.	0.
1	4000.	DEAD	0.	0.	0.
1	0.	G1	0.	-2.499E-08	0.
1	200.	G1	0.	2.499E-08	0.
1	200.	G1	0.	-2.499E-08	0.
1	400.	G1	0.	2.499E-08	0.
1	400.	G1	0.	-2.499E-08	0.
1	600.	G1	0.	2.499E-08	0.
1	600.	G1	0.	-2.499E-08	0.
1	800.	G1	0.	2.499E-08	0.
1	800.	G1	0.	-2.499E-08	0.
1	1000.	G1	0.	2.499E-08	0.
1	1000.	G1	0.	-2.499E-08	0.
1	1200.	G1	0.	2.499E-08	0.
1	1200.	G1	0.	-2.499E-08	0.
1	1400.	G1	0.	2.499E-08	0.
1	1400.	G1	0.	-2.499E-08	0.
1	1600.	G1	0.	2.499E-08	0.
1	1600.	G1	0.	-2.499E-08	0.

Table 26: Element Forces - Frames, Part 1 of 2

Frame	Station	OutputCase	P	V2	V3
	mm		KN	KN	KN
1	1800.	G1	0.	2.499E-08	0.
1	1800.	G1	0.	-2.499E-08	0.
1	2000.	G1	0.	2.499E-08	0.
1	2000.	G1	0.	-2.499E-08	0.
1	2200.	G1	0.	2.499E-08	0.
1	2200.	G1	0.	-2.499E-08	0.
1	2400.	G1	0.	2.499E-08	0.
1	2400.	G1	0.	-2.499E-08	0.
1	2600.	G1	0.	2.499E-08	0.
1	2600.	G1	0.	-2.499E-08	0.
1	2800.	G1	0.	2.499E-08	0.
1	2800.	G1	0.	-2.499E-08	0.
1	3000.	G1	0.	2.499E-08	0.
1	3000.	G1	0.	-2.499E-08	0.
1	3200.	G1	0.	2.499E-08	0.
1	3200.	G1	0.	-2.499E-08	0.
1	3400.	G1	0.	2.499E-08	0.
1	3400.	G1	0.	-2.499E-08	0.
1	3600.	G1	0.	2.499E-08	0.
1	3600.	G1	0.	-2.499E-08	0.
1	3800.	G1	0.	2.499E-08	0.
1	3800.	G1	0.	-2.499E-08	0.
1	4000.	G1	0.	2.499E-08	0.
1	0.	G2	0.	2.655E-15	0.
1	200.	G2	0.	2.655E-15	0.
1	200.	G2	0.	2.657E-15	0.
1	400.	G2	0.	2.657E-15	0.
1	400.	G2	0.	2.395E-15	0.
1	600.	G2	0.	2.395E-15	0.
1	600.	G2	0.	2.074E-15	0.
1	800.	G2	0.	2.074E-15	0.
1	800.	G2	0.	1.762E-15	0.
1	1000.	G2	0.	1.762E-15	0.
1	1000.	G2	0.	1.462E-15	0.
1	1200.	G2	0.	1.462E-15	0.
1	1200.	G2	0.	1.170E-15	0.
1	1400.	G2	0.	1.170E-15	0.
1	1400.	G2	0.	8.789E-16	0.
1	1600.	G2	0.	8.789E-16	0.
1	1600.	G2	0.	5.874E-16	0.
1	1800.	G2	0.	5.874E-16	0.
1	1800.	G2	0.	2.943E-16	0.
1	2000.	G2	0.	2.943E-16	0.
1	2000.	G2	0.	0.	0.
1	2200.	G2	0.	0.	0.
1	2200.	G2	0.	-2.943E-16	0.
1	2400.	G2	0.	-2.943E-16	0.
1	2400.	G2	0.	-5.874E-16	0.
1	2600.	G2	0.	-5.874E-16	0.
1	2600.	G2	0.	-8.789E-16	0.
1	2800.	G2	0.	-8.789E-16	0.
1	2800.	G2	0.	-1.170E-15	0.
1	3000.	G2	0.	-1.170E-15	0.
1	3000.	G2	0.	-1.462E-15	0.

Table 26: Element Forces - Frames, Part 1 of 2

Frame	Station	OutputCase	P	V2	V3
	mm		KN	KN	KN
1	3200.	G2	0.	-1.462E-15	0.
1	3200.	G2	0.	-1.762E-15	0.
1	3400.	G2	0.	-1.762E-15	0.
1	3400.	G2	0.	-2.074E-15	0.
1	3600.	G2	0.	-2.074E-15	0.
1	3600.	G2	0.	-2.395E-15	0.
1	3800.	G2	0.	-2.395E-15	0.
1	3800.	G2	0.	-2.657E-15	0.
1	4000.	G2	0.	-2.657E-15	0.
1	0.	Qm	0.	-8.885E-15	0.
1	200.	Qm	0.	-8.885E-15	0.
1	200.	Qm	0.	-9.344E-15	0.
1	400.	Qm	0.	-9.344E-15	0.
1	400.	Qm	0.	-9.614E-15	0.
1	600.	Qm	0.	-9.614E-15	0.
1	600.	Qm	0.	-9.559E-15	0.
1	800.	Qm	0.	-9.559E-15	0.
1	800.	Qm	0.	-9.083E-15	0.
1	1000.	Qm	0.	-9.083E-15	0.
1	1000.	Qm	0.	-8.180E-15	0.
1	1200.	Qm	0.	-8.180E-15	0.
1	1200.	Qm	0.	-6.934E-15	0.
1	1400.	Qm	0.	-6.934E-15	0.
1	1400.	Qm	0.	-5.464E-15	0.
1	1600.	Qm	0.	-5.464E-15	0.
1	1600.	Qm	0.	-3.875E-15	0.
1	1800.	Qm	0.	-3.875E-15	0.
1	1800.	Qm	0.	-2.232E-15	0.
1	2000.	Qm	0.	-2.232E-15	0.
1	2000.	Qm	0.	-5.624E-16	0.
1	2200.	Qm	0.	-5.624E-16	0.
1	2200.	Qm	0.	1.125E-15	0.
1	2400.	Qm	0.	1.125E-15	0.
1	2400.	Qm	0.	2.827E-15	0.
1	2600.	Qm	0.	2.827E-15	0.
1	2600.	Qm	0.	4.535E-15	0.
1	2800.	Qm	0.	4.535E-15	0.
1	2800.	Qm	0.	6.220E-15	0.
1	3000.	Qm	0.	6.220E-15	0.
1	3000.	Qm	0.	7.820E-15	0.
1	3200.	Qm	0.	7.820E-15	0.
1	3200.	Qm	0.	9.231E-15	0.
1	3400.	Qm	0.	9.231E-15	0.
1	3400.	Qm	0.	1.033E-14	0.
1	3600.	Qm	0.	1.033E-14	0.
1	3600.	Qm	0.	1.104E-14	0.
1	3800.	Qm	0.	1.104E-14	0.
1	3800.	Qm	0.	1.136E-14	0.
1	4000.	Qm	0.	1.136E-14	0.
1	0.	Qs	0.	0.	0.
1	200.	Qs	0.	0.	0.
1	200.	Qs	0.	0.	0.
1	400.	Qs	0.	0.	0.
1	400.	Qs	0.	0.	0.

Table 26: Element Forces - Frames, Part 1 of 2

Frame	Station	OutputCase	P	V2	V3
	mm		KN	KN	KN
1	600.	Qs	0.	0.	0.
1	600.	Qs	0.	0.	0.
1	800.	Qs	0.	0.	0.
1	800.	Qs	0.	0.	0.
1	1000.	Qs	0.	0.	0.
1	1000.	Qs	0.	0.	0.
1	1200.	Qs	0.	0.	0.
1	1200.	Qs	0.	0.	0.
1	1400.	Qs	0.	0.	0.
1	1400.	Qs	0.	0.	0.
1	1600.	Qs	0.	0.	0.
1	1600.	Qs	0.	0.	0.
1	1800.	Qs	0.	0.	0.
1	1800.	Qs	0.	0.	0.
1	2000.	Qs	0.	0.	0.
1	2000.	Qs	0.	0.	0.
1	2200.	Qs	0.	0.	0.
1	2200.	Qs	0.	0.	0.
1	2400.	Qs	0.	0.	0.
1	2400.	Qs	0.	0.	0.
1	2600.	Qs	0.	0.	0.
1	2600.	Qs	0.	0.	0.
1	2800.	Qs	0.	0.	0.
1	2800.	Qs	0.	0.	0.
1	3000.	Qs	0.	0.	0.
1	3000.	Qs	0.	0.	0.
1	3200.	Qs	0.	0.	0.
1	3200.	Qs	0.	0.	0.
1	3400.	Qs	0.	0.	0.
1	3400.	Qs	0.	0.	0.
1	3600.	Qs	0.	0.	0.
1	3600.	Qs	0.	0.	0.
1	3800.	Qs	0.	0.	0.
1	3800.	Qs	0.	0.	0.
1	4000.	Qs	0.	0.	0.
1	0.	T+	0.	0.	0.
1	200.	T+	0.	0.	0.
1	200.	T+	0.	0.	0.
1	400.	T+	0.	0.	0.
1	400.	T+	0.	0.	0.
1	600.	T+	0.	0.	0.
1	600.	T+	0.	0.	0.
1	800.	T+	0.	0.	0.
1	800.	T+	0.	0.	0.
1	1000.	T+	0.	0.	0.
1	1000.	T+	0.	0.	0.
1	1200.	T+	0.	0.	0.
1	1200.	T+	0.	0.	0.
1	1400.	T+	0.	0.	0.
1	1400.	T+	0.	0.	0.
1	1600.	T+	0.	0.	0.
1	1600.	T+	0.	0.	0.
1	1800.	T+	0.	0.	0.
1	1800.	T+	0.	0.	0.

Table 26: Element Forces - Frames, Part 1 of 2

Frame	Station	OutputCase	P	V2	V3
	mm		KN	KN	KN
1	2000.	T+	0.	0.	0.
1	2000.	T+	0.	0.	0.
1	2200.	T+	0.	0.	0.
1	2200.	T+	0.	0.	0.
1	2400.	T+	0.	0.	0.
1	2400.	T+	0.	0.	0.
1	2600.	T+	0.	0.	0.
1	2600.	T+	0.	0.	0.
1	2800.	T+	0.	0.	0.
1	2800.	T+	0.	0.	0.
1	3000.	T+	0.	0.	0.
1	3000.	T+	0.	0.	0.
1	3200.	T+	0.	0.	0.
1	3200.	T+	0.	0.	0.
1	3400.	T+	0.	0.	0.
1	3400.	T+	0.	0.	0.
1	3600.	T+	0.	0.	0.
1	3600.	T+	0.	0.	0.
1	3800.	T+	0.	0.	0.
1	3800.	T+	0.	0.	0.
1	4000.	T+	0.	0.	0.
1	0.	T-	0.	0.	0.
1	200.	T-	0.	0.	0.
1	200.	T-	0.	0.	0.
1	400.	T-	0.	0.	0.
1	400.	T-	0.	0.	0.
1	600.	T-	0.	0.	0.
1	600.	T-	0.	0.	0.
1	800.	T-	0.	0.	0.
1	800.	T-	0.	0.	0.
1	1000.	T-	0.	0.	0.
1	1000.	T-	0.	0.	0.
1	1200.	T-	0.	0.	0.
1	1200.	T-	0.	0.	0.
1	1400.	T-	0.	0.	0.
1	1400.	T-	0.	0.	0.
1	1600.	T-	0.	0.	0.
1	1600.	T-	0.	0.	0.
1	1800.	T-	0.	0.	0.
1	1800.	T-	0.	0.	0.
1	2000.	T-	0.	0.	0.
1	2000.	T-	0.	0.	0.
1	2200.	T-	0.	0.	0.
1	2200.	T-	0.	0.	0.
1	2400.	T-	0.	0.	0.
1	2400.	T-	0.	0.	0.
1	2600.	T-	0.	0.	0.
1	2600.	T-	0.	0.	0.
1	2800.	T-	0.	0.	0.
1	2800.	T-	0.	0.	0.
1	3000.	T-	0.	0.	0.
1	3000.	T-	0.	0.	0.
1	3200.	T-	0.	0.	0.
1	3200.	T-	0.	0.	0.

Table 26: Element Forces - Frames, Part 1 of 2

Frame	Station	OutputCase	P	V2	V3
	mm		KN	KN	KN
1	3400.	T-	0.	0.	0.
1	3400.	T-	0.	0.	0.
1	3600.	T-	0.	0.	0.
1	3600.	T-	0.	0.	0.
1	3800.	T-	0.	0.	0.
1	3800.	T-	0.	0.	0.
1	4000.	T-	0.	0.	0.
1	0.	W	0.	-1.490E-14	0.
1	200.	W	0.	-1.490E-14	0.
1	200.	W	0.	5.897E-16	0.
1	400.	W	0.	5.897E-16	0.
1	400.	W	0.	7.974E-15	0.
1	600.	W	0.	7.974E-15	0.
1	600.	W	0.	9.530E-15	0.
1	800.	W	0.	9.530E-15	0.
1	800.	W	0.	9.830E-15	0.
1	1000.	W	0.	9.830E-15	0.
1	1000.	W	0.	1.002E-14	0.
1	1200.	W	0.	1.002E-14	0.
1	1200.	W	0.	1.025E-14	0.
1	1400.	W	0.	1.025E-14	0.
1	1400.	W	0.	1.048E-14	0.
1	1600.	W	0.	1.048E-14	0.
1	1600.	W	0.	1.067E-14	0.
1	1800.	W	0.	1.067E-14	0.
1	1800.	W	0.	1.076E-14	0.
1	2000.	W	0.	1.076E-14	0.
1	2000.	W	0.	1.077E-14	0.
1	2200.	W	0.	1.077E-14	0.
1	2200.	W	0.	1.069E-14	0.
1	2400.	W	0.	1.069E-14	0.
1	2400.	W	0.	1.054E-14	0.
1	2600.	W	0.	1.054E-14	0.
1	2600.	W	0.	1.035E-14	0.
1	2800.	W	0.	1.035E-14	0.
1	2800.	W	0.	1.016E-14	0.
1	3000.	W	0.	1.016E-14	0.
1	3000.	W	0.	9.992E-15	0.
1	3200.	W	0.	9.992E-15	0.
1	3200.	W	0.	9.864E-15	0.
1	3400.	W	0.	9.864E-15	0.
1	3400.	W	0.	9.611E-15	0.
1	3600.	W	0.	9.611E-15	0.
1	3600.	W	0.	8.073E-15	0.
1	3800.	W	0.	8.073E-15	0.
1	3800.	W	0.	6.803E-16	0.
1	4000.	W	0.	6.803E-16	0.
1	0.	Qm-1	0.	-1.2	0.
1	200.	Qm-1	0.	1.2	0.
1	200.	Qm-1	0.	-1.2	0.
1	400.	Qm-1	0.	1.2	0.
1	400.	Qm-1	0.	-1.2	0.
1	600.	Qm-1	0.	1.2	0.
1	600.	Qm-1	0.	-1.2	0.

Table 26: Element Forces - Frames, Part 1 of 2

Frame	Station	OutputCase	P	V2	V3
	mm		KN	KN	KN
1	800.	Qm-1	0.	1.2	0.
1	800.	Qm-1	0.	-1.2	0.
1	1000.	Qm-1	0.	1.2	0.
1	1000.	Qm-1	0.	-1.2	0.
1	1200.	Qm-1	0.	1.2	0.
1	1200.	Qm-1	0.	-1.2	0.
1	1400.	Qm-1	0.	1.2	0.
1	1400.	Qm-1	0.	-1.2	0.
1	1600.	Qm-1	0.	1.2	0.
1	1600.	Qm-1	0.	-1.2	0.
1	1800.	Qm-1	0.	1.2	0.
1	1800.	Qm-1	0.	-1.2	0.
1	2000.	Qm-1	0.	1.2	0.
1	2000.	Qm-1	0.	-1.2	0.
1	2200.	Qm-1	0.	1.2	0.
1	2200.	Qm-1	0.	-1.2	0.
1	2400.	Qm-1	0.	1.2	0.
1	2400.	Qm-1	0.	-1.2	0.
1	2600.	Qm-1	0.	1.2	0.
1	2600.	Qm-1	0.	-1.2	0.
1	2800.	Qm-1	0.	1.2	0.
1	2800.	Qm-1	0.	-1.2	0.
1	3000.	Qm-1	0.	1.2	0.
1	3000.	Qm-1	0.	-1.2	0.
1	3200.	Qm-1	0.	1.2	0.
1	3200.	Qm-1	0.	-1.2	0.
1	3400.	Qm-1	0.	1.2	0.
1	3400.	Qm-1	0.	-1.2	0.
1	3600.	Qm-1	0.	1.2	0.
1	3600.	Qm-1	0.	-1.2	0.
1	3800.	Qm-1	0.	1.2	0.
1	3800.	Qm-1	0.	-1.2	0.
1	4000.	Qm-1	0.	1.2	0.
1	0.	Qm-2	0.	-9.370E-15	0.
1	200.	Qm-2	0.	-9.370E-15	0.
1	200.	Qm-2	0.	9.313E-15	0.
1	400.	Qm-2	0.	9.313E-15	0.
1	400.	Qm-2	0.	1.004E-15	0.
1	600.	Qm-2	0.	1.004E-15	0.
1	600.	Qm-2	0.	9.693E-16	0.
1	800.	Qm-2	0.	9.693E-16	0.
1	800.	Qm-2	0.	6.761E-16	0.
1	1000.	Qm-2	0.	6.761E-16	0.
1	1000.	Qm-2	0.	4.594E-16	0.
1	1200.	Qm-2	0.	4.594E-16	0.
1	1200.	Qm-2	0.	1.832E-16	0.
1	1400.	Qm-2	0.	1.832E-16	0.
1	1400.	Qm-2	0.	-1.266E-16	0.
1	1600.	Qm-2	0.	-1.266E-16	0.
1	1600.	Qm-2	0.	-3.564E-16	0.
1	1800.	Qm-2	0.	-3.564E-16	0.
1	1800.	Qm-2	0.	-4.157E-16	0.
1	2000.	Qm-2	0.	-4.157E-16	0.
1	2000.	Qm-2	0.	-3.055E-16	0.

Table 26: Element Forces - Frames, Part 1 of 2

Frame	Station	OutputCase	P	V2	V3
	mm		KN	KN	KN
1	2200.	Qm-2	0.	-3.055E-16	0.
1	2200.	Qm-2	0.	-1.275E-16	0.
1	2400.	Qm-2	0.	-1.275E-16	0.
1	2400.	Qm-2	0.	-2.012E-17	0.
1	2600.	Qm-2	0.	-2.012E-17	0.
1	2600.	Qm-2	0.	-8.869E-17	0.
1	2800.	Qm-2	0.	-8.869E-17	0.
1	2800.	Qm-2	0.	-3.438E-16	0.
1	3000.	Qm-2	0.	-3.438E-16	0.
1	3000.	Qm-2	0.	-7.221E-16	0.
1	3200.	Qm-2	0.	-7.221E-16	0.
1	3200.	Qm-2	0.	-1.183E-15	0.
1	3400.	Qm-2	0.	-1.183E-15	0.
1	3400.	Qm-2	0.	-1.223E-15	0.
1	3600.	Qm-2	0.	-1.223E-15	0.
1	3600.	Qm-2	0.	-9.359E-15	0.
1	3800.	Qm-2	0.	-9.359E-15	0.
1	3800.	Qm-2	0.	9.563E-15	0.
1	4000.	Qm-2	0.	9.563E-15	0.
2	0.	DEAD	0.	0.	0.
2	200.	DEAD	0.	0.	0.
2	200.	DEAD	0.	0.	0.
2	400.	DEAD	0.	0.	0.
2	400.	DEAD	0.	0.	0.
2	600.	DEAD	0.	0.	0.
2	600.	DEAD	0.	0.	0.
2	800.	DEAD	0.	0.	0.
2	800.	DEAD	0.	0.	0.
2	1000.	DEAD	0.	0.	0.
2	1000.	DEAD	0.	0.	0.
2	1200.	DEAD	0.	0.	0.
2	1200.	DEAD	0.	0.	0.
2	1400.	DEAD	0.	0.	0.
2	1400.	DEAD	0.	0.	0.
2	1600.	DEAD	0.	0.	0.
2	1600.	DEAD	0.	0.	0.
2	1800.	DEAD	0.	0.	0.
2	1800.	DEAD	0.	0.	0.
2	2000.	DEAD	0.	0.	0.
2	2000.	DEAD	0.	0.	0.
2	2200.	DEAD	0.	0.	0.
2	2200.	DEAD	0.	0.	0.
2	2400.	DEAD	0.	0.	0.
2	2400.	DEAD	0.	0.	0.
2	2600.	DEAD	0.	0.	0.
2	2600.	DEAD	0.	0.	0.
2	2800.	DEAD	0.	0.	0.
2	2800.	DEAD	0.	0.	0.
2	3000.	DEAD	0.	0.	0.
2	3000.	DEAD	0.	0.	0.
2	3200.	DEAD	0.	0.	0.
2	3200.	DEAD	0.	0.	0.
2	3400.	DEAD	0.	0.	0.
2	3400.	DEAD	0.	0.	0.

Table 26: Element Forces - Frames, Part 1 of 2

Frame	Station	OutputCase	P	V2	V3
	mm		KN	KN	KN
2	3600.	DEAD	0.	0.	0.
2	3600.	DEAD	0.	0.	0.
2	3800.	DEAD	0.	0.	0.
2	3800.	DEAD	0.	0.	0.
2	4000.	DEAD	0.	0.	0.
2	0.	G1	0.	-2.499E-08	0.
2	200.	G1	0.	2.499E-08	0.
2	200.	G1	0.	-2.499E-08	0.
2	400.	G1	0.	2.499E-08	0.
2	400.	G1	0.	-2.499E-08	0.
2	600.	G1	0.	2.499E-08	0.
2	600.	G1	0.	-2.499E-08	0.
2	800.	G1	0.	2.499E-08	0.
2	800.	G1	0.	-2.499E-08	0.
2	1000.	G1	0.	2.499E-08	0.
2	1000.	G1	0.	-2.499E-08	0.
2	1200.	G1	0.	2.499E-08	0.
2	1200.	G1	0.	-2.499E-08	0.
2	1400.	G1	0.	2.499E-08	0.
2	1400.	G1	0.	-2.499E-08	0.
2	1600.	G1	0.	2.499E-08	0.
2	1600.	G1	0.	-2.499E-08	0.
2	1800.	G1	0.	2.499E-08	0.
2	1800.	G1	0.	-2.499E-08	0.
2	2000.	G1	0.	2.499E-08	0.
2	2000.	G1	0.	-2.499E-08	0.
2	2200.	G1	0.	2.499E-08	0.
2	2200.	G1	0.	-2.499E-08	0.
2	2400.	G1	0.	2.499E-08	0.
2	2400.	G1	0.	-2.499E-08	0.
2	2600.	G1	0.	2.499E-08	0.
2	2600.	G1	0.	-2.499E-08	0.
2	2800.	G1	0.	2.499E-08	0.
2	2800.	G1	0.	-2.499E-08	0.
2	3000.	G1	0.	2.499E-08	0.
2	3000.	G1	0.	-2.499E-08	0.
2	3200.	G1	0.	2.499E-08	0.
2	3200.	G1	0.	-2.499E-08	0.
2	3400.	G1	0.	2.499E-08	0.
2	3400.	G1	0.	-2.499E-08	0.
2	3600.	G1	0.	2.499E-08	0.
2	3600.	G1	0.	-2.499E-08	0.
2	3800.	G1	0.	2.499E-08	0.
2	3800.	G1	0.	-2.499E-08	0.
2	4000.	G1	0.	2.499E-08	0.
2	0.	G2	0.	3.934E-15	0.
2	200.	G2	0.	3.934E-15	0.
2	200.	G2	0.	3.134E-15	0.
2	400.	G2	0.	3.134E-15	0.
2	400.	G2	0.	2.360E-15	0.
2	600.	G2	0.	2.360E-15	0.
2	600.	G2	0.	1.546E-15	0.
2	800.	G2	0.	1.546E-15	0.
2	800.	G2	0.	3.141E-16	0.

Table 26: Element Forces - Frames, Part 1 of 2

Frame	Station	OutputCase	P	V2	V3
	mm		KN	KN	KN
2	1000.	G2	0.	3.141E-16	0.
2	1000.	G2	0.	2.282E-16	0.
2	1200.	G2	0.	2.282E-16	0.
2	1200.	G2	0.	2.871E-15	0.
2	1400.	G2	0.	2.871E-15	0.
2	1400.	G2	0.	2.790E-15	0.
2	1600.	G2	0.	2.790E-15	0.
2	1600.	G2	0.	1.566E-15	0.
2	1800.	G2	0.	1.566E-15	0.
2	1800.	G2	0.	7.627E-16	0.
2	2000.	G2	0.	7.627E-16	0.
2	2000.	G2	0.	0.	0.
2	2200.	G2	0.	0.	0.
2	2200.	G2	0.	-7.627E-16	0.
2	2400.	G2	0.	-7.627E-16	0.
2	2400.	G2	0.	-1.566E-15	0.
2	2600.	G2	0.	-1.566E-15	0.
2	2600.	G2	0.	-2.790E-15	0.
2	2800.	G2	0.	-2.790E-15	0.
2	2800.	G2	0.	-2.871E-15	0.
2	3000.	G2	0.	-2.871E-15	0.
2	3000.	G2	0.	-2.282E-16	0.
2	3200.	G2	0.	-2.282E-16	0.
2	3200.	G2	0.	-3.141E-16	0.
2	3400.	G2	0.	-3.141E-16	0.
2	3400.	G2	0.	-1.546E-15	0.
2	3600.	G2	0.	-1.546E-15	0.
2	3600.	G2	0.	-2.360E-15	0.
2	3800.	G2	0.	-2.360E-15	0.
2	3800.	G2	0.	-3.134E-15	0.
2	4000.	G2	0.	-3.134E-15	0.
2	0.	Qm	0.	-9.292E-15	0.
2	200.	Qm	0.	-9.292E-15	0.
2	200.	Qm	0.	-8.897E-15	0.
2	400.	Qm	0.	-8.897E-15	0.
2	400.	Qm	0.	-8.298E-15	0.
2	600.	Qm	0.	-8.298E-15	0.
2	600.	Qm	0.	-7.534E-15	0.
2	800.	Qm	0.	-7.534E-15	0.
2	800.	Qm	0.	-6.650E-15	0.
2	1000.	Qm	0.	-6.650E-15	0.
2	1000.	Qm	0.	-5.677E-15	0.
2	1200.	Qm	0.	-5.677E-15	0.
2	1200.	Qm	0.	-4.635E-15	0.
2	1400.	Qm	0.	-4.635E-15	0.
2	1400.	Qm	0.	-3.534E-15	0.
2	1600.	Qm	0.	-3.534E-15	0.
2	1600.	Qm	0.	-2.386E-15	0.
2	1800.	Qm	0.	-2.386E-15	0.
2	1800.	Qm	0.	-1.197E-15	0.
2	2000.	Qm	0.	-1.197E-15	0.
2	2000.	Qm	0.	2.373E-17	0.
2	2200.	Qm	0.	2.373E-17	0.
2	2200.	Qm	0.	1.267E-15	0.

Table 26: Element Forces - Frames, Part 1 of 2

Frame	Station	OutputCase	P	V2	V3
	mm		KN	KN	KN
2	2400.	Qm	0.	1.267E-15	0.
2	2400.	Qm	0.	2.522E-15	0.
2	2600.	Qm	0.	2.522E-15	0.
2	2600.	Qm	0.	3.778E-15	0.
2	2800.	Qm	0.	3.778E-15	0.
2	2800.	Qm	0.	5.019E-15	0.
2	3000.	Qm	0.	5.019E-15	0.
2	3000.	Qm	0.	6.225E-15	0.
2	3200.	Qm	0.	6.225E-15	0.
2	3200.	Qm	0.	7.367E-15	0.
2	3400.	Qm	0.	7.367E-15	0.
2	3400.	Qm	0.	8.397E-15	0.
2	3600.	Qm	0.	8.397E-15	0.
2	3600.	Qm	0.	9.251E-15	0.
2	3800.	Qm	0.	9.251E-15	0.
2	3800.	Qm	0.	9.856E-15	0.
2	4000.	Qm	0.	9.856E-15	0.
2	0.	Qs	0.	0.	0.
2	200.	Qs	0.	0.	0.
2	200.	Qs	0.	0.	0.
2	400.	Qs	0.	0.	0.
2	400.	Qs	0.	0.	0.
2	600.	Qs	0.	0.	0.
2	600.	Qs	0.	0.	0.
2	800.	Qs	0.	0.	0.
2	800.	Qs	0.	0.	0.
2	1000.	Qs	0.	0.	0.
2	1000.	Qs	0.	0.	0.
2	1200.	Qs	0.	0.	0.
2	1200.	Qs	0.	0.	0.
2	1400.	Qs	0.	0.	0.
2	1400.	Qs	0.	0.	0.
2	1600.	Qs	0.	0.	0.
2	1600.	Qs	0.	0.	0.
2	1800.	Qs	0.	0.	0.
2	1800.	Qs	0.	0.	0.
2	2000.	Qs	0.	0.	0.
2	2000.	Qs	0.	0.	0.
2	2200.	Qs	0.	0.	0.
2	2200.	Qs	0.	0.	0.
2	2400.	Qs	0.	0.	0.
2	2400.	Qs	0.	0.	0.
2	2600.	Qs	0.	0.	0.
2	2600.	Qs	0.	0.	0.
2	2800.	Qs	0.	0.	0.
2	2800.	Qs	0.	0.	0.
2	3000.	Qs	0.	0.	0.
2	3000.	Qs	0.	0.	0.
2	3200.	Qs	0.	0.	0.
2	3200.	Qs	0.	0.	0.
2	3400.	Qs	0.	0.	0.
2	3400.	Qs	0.	0.	0.
2	3600.	Qs	0.	0.	0.
2	3600.	Qs	0.	0.	0.

Table 26: Element Forces - Frames, Part 1 of 2

Frame	Station	OutputCase	P	V2	V3
	mm		KN	KN	KN
2	3800.	Qs	0.	0.	0.
2	3800.	Qs	0.	0.	0.
2	4000.	Qs	0.	0.	0.
2	0.	T+	0.	0.	0.
2	200.	T+	0.	0.	0.
2	200.	T+	0.	0.	0.
2	400.	T+	0.	0.	0.
2	400.	T+	0.	0.	0.
2	600.	T+	0.	0.	0.
2	600.	T+	0.	0.	0.
2	800.	T+	0.	0.	0.
2	800.	T+	0.	0.	0.
2	1000.	T+	0.	0.	0.
2	1000.	T+	0.	0.	0.
2	1200.	T+	0.	0.	0.
2	1200.	T+	0.	0.	0.
2	1400.	T+	0.	0.	0.
2	1400.	T+	0.	0.	0.
2	1600.	T+	0.	0.	0.
2	1600.	T+	0.	0.	0.
2	1800.	T+	0.	0.	0.
2	1800.	T+	0.	0.	0.
2	2000.	T+	0.	0.	0.
2	2000.	T+	0.	0.	0.
2	2200.	T+	0.	0.	0.
2	2200.	T+	0.	0.	0.
2	2400.	T+	0.	0.	0.
2	2400.	T+	0.	0.	0.
2	2600.	T+	0.	0.	0.
2	2600.	T+	0.	0.	0.
2	2800.	T+	0.	0.	0.
2	2800.	T+	0.	0.	0.
2	3000.	T+	0.	0.	0.
2	3000.	T+	0.	0.	0.
2	3200.	T+	0.	0.	0.
2	3200.	T+	0.	0.	0.
2	3400.	T+	0.	0.	0.
2	3400.	T+	0.	0.	0.
2	3600.	T+	0.	0.	0.
2	3600.	T+	0.	0.	0.
2	3800.	T+	0.	0.	0.
2	3800.	T+	0.	0.	0.
2	4000.	T+	0.	0.	0.
2	0.	T-	0.	0.	0.
2	200.	T-	0.	0.	0.
2	200.	T-	0.	0.	0.
2	400.	T-	0.	0.	0.
2	400.	T-	0.	0.	0.
2	600.	T-	0.	0.	0.
2	600.	T-	0.	0.	0.
2	800.	T-	0.	0.	0.
2	800.	T-	0.	0.	0.
2	1000.	T-	0.	0.	0.
2	1000.	T-	0.	0.	0.

Table 26: Element Forces - Frames, Part 1 of 2

Frame	Station	OutputCase	P	V2	V3
	mm		KN	KN	KN
2	1200.	T-	0.	0.	0.
2	1200.	T-	0.	0.	0.
2	1400.	T-	0.	0.	0.
2	1400.	T-	0.	0.	0.
2	1600.	T-	0.	0.	0.
2	1600.	T-	0.	0.	0.
2	1800.	T-	0.	0.	0.
2	1800.	T-	0.	0.	0.
2	2000.	T-	0.	0.	0.
2	2000.	T-	0.	0.	0.
2	2200.	T-	0.	0.	0.
2	2200.	T-	0.	0.	0.
2	2400.	T-	0.	0.	0.
2	2400.	T-	0.	0.	0.
2	2600.	T-	0.	0.	0.
2	2600.	T-	0.	0.	0.
2	2800.	T-	0.	0.	0.
2	2800.	T-	0.	0.	0.
2	3000.	T-	0.	0.	0.
2	3000.	T-	0.	0.	0.
2	3200.	T-	0.	0.	0.
2	3200.	T-	0.	0.	0.
2	3400.	T-	0.	0.	0.
2	3400.	T-	0.	0.	0.
2	3600.	T-	0.	0.	0.
2	3600.	T-	0.	0.	0.
2	3800.	T-	0.	0.	0.
2	3800.	T-	0.	0.	0.
2	4000.	T-	0.	0.	0.
2	0.	W	0.	-2.760E-14	0.
2	200.	W	0.	-2.760E-14	0.
2	200.	W	0.	-2.252E-15	0.
2	400.	W	0.	-2.252E-15	0.
2	400.	W	0.	5.794E-15	0.
2	600.	W	0.	5.794E-15	0.
2	600.	W	0.	1.501E-14	0.
2	800.	W	0.	1.501E-14	0.
2	800.	W	0.	2.543E-14	0.
2	1000.	W	0.	2.543E-14	0.
2	1000.	W	0.	-1.032E-13	0.
2	1200.	W	0.	-1.032E-13	0.
2	1200.	W	0.	1.201E-13	0.
2	1400.	W	0.	1.201E-13	0.
2	1400.	W	0.	-9.220E-15	0.
2	1600.	W	0.	-9.220E-15	0.
2	1600.	W	0.	-2.287E-16	0.
2	1800.	W	0.	-2.287E-16	0.
2	1800.	W	0.	7.350E-15	0.
2	2000.	W	0.	7.350E-15	0.
2	2000.	W	0.	1.096E-14	0.
2	2200.	W	0.	1.096E-14	0.
2	2200.	W	0.	1.440E-14	0.
2	2400.	W	0.	1.440E-14	0.
2	2400.	W	0.	2.144E-14	0.

Table 26: Element Forces - Frames, Part 1 of 2

Frame	Station	OutputCase	P	V2	V3
	mm		KN	KN	KN
2	2600.	W	0.	2.144E-14	0.
2	2600.	W	0.	2.951E-14	0.
2	2800.	W	0.	2.951E-14	0.
2	2800.	W	0.	-1.011E-13	0.
2	3000.	W	0.	-1.011E-13	0.
2	3000.	W	0.	1.203E-13	0.
2	3200.	W	0.	1.203E-13	0.
2	3200.	W	0.	-1.069E-14	0.
2	3400.	W	0.	-1.069E-14	0.
2	3400.	W	0.	-3.258E-15	0.
2	3600.	W	0.	-3.258E-15	0.
2	3600.	W	0.	2.902E-15	0.
2	3800.	W	0.	2.902E-15	0.
2	3800.	W	0.	6.352E-15	0.
2	4000.	W	0.	6.352E-15	0.
2	0.	Qm-1	0.	-1.2	0.
2	200.	Qm-1	0.	1.2	0.
2	200.	Qm-1	0.	-1.2	0.
2	400.	Qm-1	0.	1.2	0.
2	400.	Qm-1	0.	-1.2	0.
2	600.	Qm-1	0.	1.2	0.
2	600.	Qm-1	0.	-1.2	0.
2	800.	Qm-1	0.	1.2	0.
2	800.	Qm-1	0.	-1.2	0.
2	1000.	Qm-1	0.	1.2	0.
2	1000.	Qm-1	0.	-1.2	0.
2	1200.	Qm-1	0.	1.2	0.
2	1200.	Qm-1	0.	-1.2	0.
2	1400.	Qm-1	0.	1.2	0.
2	1400.	Qm-1	0.	-1.2	0.
2	1600.	Qm-1	0.	1.2	0.
2	1600.	Qm-1	0.	-1.2	0.
2	1800.	Qm-1	0.	1.2	0.
2	1800.	Qm-1	0.	-1.2	0.
2	2000.	Qm-1	0.	1.2	0.
2	2000.	Qm-1	0.	-1.2	0.
2	2200.	Qm-1	0.	1.2	0.
2	2200.	Qm-1	0.	-1.2	0.
2	2400.	Qm-1	0.	1.2	0.
2	2400.	Qm-1	0.	-1.2	0.
2	2600.	Qm-1	0.	1.2	0.
2	2600.	Qm-1	0.	-1.2	0.
2	2800.	Qm-1	0.	1.2	0.
2	2800.	Qm-1	0.	-1.2	0.
2	3000.	Qm-1	0.	1.2	0.
2	3000.	Qm-1	0.	-1.2	0.
2	3200.	Qm-1	0.	1.2	0.
2	3200.	Qm-1	0.	-1.2	0.
2	3400.	Qm-1	0.	1.2	0.
2	3400.	Qm-1	0.	-1.2	0.
2	3600.	Qm-1	0.	1.2	0.
2	3600.	Qm-1	0.	-1.2	0.
2	3800.	Qm-1	0.	1.2	0.
2	3800.	Qm-1	0.	-1.2	0.

Table 26: Element Forces - Frames, Part 1 of 2

Frame	Station	OutputCase	P	V2	V3
	mm		KN	KN	KN
2	4000.	Qm-1	0.	1.2	0.
2	0.	Qm-2	0.	-9.214E-15	0.
2	200.	Qm-2	0.	-9.214E-15	0.
2	200.	Qm-2	0.	1.019E-14	0.
2	400.	Qm-2	0.	1.019E-14	0.
2	400.	Qm-2	0.	2.344E-15	0.
2	600.	Qm-2	0.	2.344E-15	0.
2	600.	Qm-2	0.	2.395E-15	0.
2	800.	Qm-2	0.	2.395E-15	0.
2	800.	Qm-2	0.	1.928E-15	0.
2	1000.	Qm-2	0.	1.928E-15	0.
2	1000.	Qm-2	0.	1.513E-15	0.
2	1200.	Qm-2	0.	1.513E-15	0.
2	1200.	Qm-2	0.	1.136E-15	0.
2	1400.	Qm-2	0.	1.136E-15	0.
2	1400.	Qm-2	0.	7.812E-16	0.
2	1600.	Qm-2	0.	7.812E-16	0.
2	1600.	Qm-2	0.	4.413E-16	0.
2	1800.	Qm-2	0.	4.413E-16	0.
2	1800.	Qm-2	0.	1.104E-16	0.
2	2000.	Qm-2	0.	1.104E-16	0.
2	2000.	Qm-2	0.	-2.166E-16	0.
2	2200.	Qm-2	0.	-2.166E-16	0.
2	2200.	Qm-2	0.	-5.444E-16	0.
2	2400.	Qm-2	0.	-5.444E-16	0.
2	2400.	Qm-2	0.	-8.784E-16	0.
2	2600.	Qm-2	0.	-8.784E-16	0.
2	2600.	Qm-2	0.	-1.225E-15	0.
2	2800.	Qm-2	0.	-1.225E-15	0.
2	2800.	Qm-2	0.	-1.595E-15	0.
2	3000.	Qm-2	0.	-1.595E-15	0.
2	3000.	Qm-2	0.	-2.003E-15	0.
2	3200.	Qm-2	0.	-2.003E-15	0.
2	3200.	Qm-2	0.	-2.466E-15	0.
2	3400.	Qm-2	0.	-2.466E-15	0.
2	3400.	Qm-2	0.	-2.418E-15	0.
2	3600.	Qm-2	0.	-2.418E-15	0.
2	3600.	Qm-2	0.	-1.028E-14	0.
2	3800.	Qm-2	0.	-1.028E-14	0.
2	3800.	Qm-2	0.	9.091E-15	0.
2	4000.	Qm-2	0.	9.091E-15	0.
3	0.	DEAD	0.	0.	0.
3	200.	DEAD	0.	0.	0.
3	200.	DEAD	0.	0.	0.
3	400.	DEAD	0.	0.	0.
3	400.	DEAD	0.	0.	0.
3	600.	DEAD	0.	0.	0.
3	600.	DEAD	0.	0.	0.
3	800.	DEAD	0.	0.	0.
3	800.	DEAD	0.	0.	0.
3	1000.	DEAD	0.	0.	0.
3	1000.	DEAD	0.	0.	0.
3	1200.	DEAD	0.	0.	0.
3	1200.	DEAD	0.	0.	0.

Table 26: Element Forces - Frames, Part 1 of 2

Frame	Station	OutputCase	P	V2	V3
	mm		KN	KN	KN
3	1400.	DEAD	0.	0.	0.
3	1400.	DEAD	0.	0.	0.
3	1600.	DEAD	0.	0.	0.
3	1600.	DEAD	0.	0.	0.
3	1800.	DEAD	0.	0.	0.
3	1800.	DEAD	0.	0.	0.
3	2000.	DEAD	0.	0.	0.
3	2000.	DEAD	0.	0.	0.
3	2200.	DEAD	0.	0.	0.
3	2200.	DEAD	0.	0.	0.
3	2400.	DEAD	0.	0.	0.
3	2400.	DEAD	0.	0.	0.
3	2600.	DEAD	0.	0.	0.
3	2600.	DEAD	0.	0.	0.
3	2800.	DEAD	0.	0.	0.
3	0.	G1	0.	-2.499E-08	0.
3	200.	G1	0.	2.499E-08	0.
3	200.	G1	0.	-2.499E-08	0.
3	400.	G1	0.	2.499E-08	0.
3	400.	G1	0.	-2.499E-08	0.
3	600.	G1	0.	2.499E-08	0.
3	600.	G1	0.	-2.499E-08	0.
3	800.	G1	0.	2.499E-08	0.
3	800.	G1	0.	-2.499E-08	0.
3	1000.	G1	0.	2.499E-08	0.
3	1000.	G1	0.	-2.499E-08	0.
3	1200.	G1	0.	2.499E-08	0.
3	1200.	G1	0.	-2.499E-08	0.
3	1400.	G1	0.	2.499E-08	0.
3	1400.	G1	0.	-2.499E-08	0.
3	1600.	G1	0.	2.499E-08	0.
3	1600.	G1	0.	-2.499E-08	0.
3	1800.	G1	0.	2.499E-08	0.
3	1800.	G1	0.	-2.499E-08	0.
3	2000.	G1	0.	2.499E-08	0.
3	2000.	G1	0.	-2.499E-08	0.
3	2200.	G1	0.	2.499E-08	0.
3	2200.	G1	0.	-2.499E-08	0.
3	2400.	G1	0.	2.499E-08	0.
3	2400.	G1	0.	-2.499E-08	0.
3	2600.	G1	0.	2.499E-08	0.
3	2600.	G1	0.	-2.499E-08	0.
3	2800.	G1	0.	2.499E-08	0.
3	0.	G2	0.	1.647E-15	0.
3	200.	G2	0.	1.647E-15	0.
3	200.	G2	0.	1.394E-15	0.
3	400.	G2	0.	1.394E-15	0.
3	400.	G2	0.	1.128E-15	0.
3	600.	G2	0.	1.128E-15	0.
3	600.	G2	0.	8.521E-16	0.
3	800.	G2	0.	8.521E-16	0.
3	800.	G2	0.	5.708E-16	0.
3	1000.	G2	0.	5.708E-16	0.
3	1000.	G2	0.	2.862E-16	0.

Table 26: Element Forces - Frames, Part 1 of 2

Frame	Station	OutputCase	P	V2	V3
	mm		KN	KN	KN
3	1200.	G2	0.	2.862E-16	0.
3	1200.	G2	0.	0.	0.
3	1400.	G2	0.	0.	0.
3	1400.	G2	0.	-2.862E-16	0.
3	1600.	G2	0.	-2.862E-16	0.
3	1600.	G2	0.	-5.708E-16	0.
3	1800.	G2	0.	-5.708E-16	0.
3	1800.	G2	0.	-8.521E-16	0.
3	2000.	G2	0.	-8.521E-16	0.
3	2000.	G2	0.	-1.128E-15	0.
3	2200.	G2	0.	-1.128E-15	0.
3	2200.	G2	0.	-1.394E-15	0.
3	2400.	G2	0.	-1.394E-15	0.
3	2400.	G2	0.	-1.647E-15	0.
3	2600.	G2	0.	-1.647E-15	0.
3	2600.	G2	0.	-1.883E-15	0.
3	2800.	G2	0.	-1.883E-15	0.
3	0.	Qm	0.	-1.337E-14	0.
3	200.	Qm	0.	-1.337E-14	0.
3	200.	Qm	0.	-1.051E-14	0.
3	400.	Qm	0.	-1.051E-14	0.
3	400.	Qm	0.	-8.095E-15	0.
3	600.	Qm	0.	-8.095E-15	0.
3	600.	Qm	0.	-6.007E-15	0.
3	800.	Qm	0.	-6.007E-15	0.
3	800.	Qm	0.	-4.117E-15	0.
3	1000.	Qm	0.	-4.117E-15	0.
3	1000.	Qm	0.	-2.332E-15	0.
3	1200.	Qm	0.	-2.332E-15	0.
3	1200.	Qm	0.	-5.933E-16	0.
3	1400.	Qm	0.	-5.933E-16	0.
3	1400.	Qm	0.	1.137E-15	0.
3	1600.	Qm	0.	1.137E-15	0.
3	1600.	Qm	0.	2.890E-15	0.
3	1800.	Qm	0.	2.890E-15	0.
3	1800.	Qm	0.	4.703E-15	0.
3	2000.	Qm	0.	4.703E-15	0.
3	2000.	Qm	0.	6.626E-15	0.
3	2200.	Qm	0.	6.626E-15	0.
3	2200.	Qm	0.	8.739E-15	0.
3	2400.	Qm	0.	8.739E-15	0.
3	2400.	Qm	0.	1.115E-14	0.
3	2600.	Qm	0.	1.115E-14	0.
3	2600.	Qm	0.	1.395E-14	0.
3	2800.	Qm	0.	1.395E-14	0.
3	0.	Qs	0.	0.	0.
3	200.	Qs	0.	0.	0.
3	200.	Qs	0.	0.	0.
3	400.	Qs	0.	0.	0.
3	400.	Qs	0.	0.	0.
3	600.	Qs	0.	0.	0.
3	600.	Qs	0.	0.	0.
3	800.	Qs	0.	0.	0.
3	800.	Qs	0.	0.	0.

Table 26: Element Forces - Frames, Part 1 of 2

Frame	Station	OutputCase	P	V2	V3
	mm		KN	KN	KN
3	1000.	Qs	0.	0.	0.
3	1000.	Qs	0.	0.	0.
3	1200.	Qs	0.	0.	0.
3	1200.	Qs	0.	0.	0.
3	1400.	Qs	0.	0.	0.
3	1400.	Qs	0.	0.	0.
3	1600.	Qs	0.	0.	0.
3	1600.	Qs	0.	0.	0.
3	1800.	Qs	0.	0.	0.
3	1800.	Qs	0.	0.	0.
3	2000.	Qs	0.	0.	0.
3	2000.	Qs	0.	0.	0.
3	2200.	Qs	0.	0.	0.
3	2200.	Qs	0.	0.	0.
3	2400.	Qs	0.	0.	0.
3	2400.	Qs	0.	0.	0.
3	2600.	Qs	0.	0.	0.
3	2600.	Qs	0.	0.	0.
3	2800.	Qs	0.	0.	0.
3	0.	T+	0.	0.	0.
3	200.	T+	0.	0.	0.
3	200.	T+	0.	0.	0.
3	400.	T+	0.	0.	0.
3	400.	T+	0.	0.	0.
3	600.	T+	0.	0.	0.
3	600.	T+	0.	0.	0.
3	800.	T+	0.	0.	0.
3	800.	T+	0.	0.	0.
3	1000.	T+	0.	0.	0.
3	1000.	T+	0.	0.	0.
3	1200.	T+	0.	0.	0.
3	1200.	T+	0.	0.	0.
3	1400.	T+	0.	0.	0.
3	1400.	T+	0.	0.	0.
3	1600.	T+	0.	0.	0.
3	1600.	T+	0.	0.	0.
3	1800.	T+	0.	0.	0.
3	1800.	T+	0.	0.	0.
3	2000.	T+	0.	0.	0.
3	2000.	T+	0.	0.	0.
3	2200.	T+	0.	0.	0.
3	2200.	T+	0.	0.	0.
3	2400.	T+	0.	0.	0.
3	2400.	T+	0.	0.	0.
3	2600.	T+	0.	0.	0.
3	2600.	T+	0.	0.	0.
3	2800.	T+	0.	0.	0.
3	0.	T-	0.	0.	0.
3	200.	T-	0.	0.	0.
3	200.	T-	0.	0.	0.
3	400.	T-	0.	0.	0.
3	400.	T-	0.	0.	0.
3	600.	T-	0.	0.	0.
3	600.	T-	0.	0.	0.

Table 26: Element Forces - Frames, Part 1 of 2

Frame	Station	OutputCase	P	V2	V3
	mm		KN	KN	KN
3	800.	T-	0.	0.	0.
3	800.	T-	0.	0.	0.
3	1000.	T-	0.	0.	0.
3	1000.	T-	0.	0.	0.
3	1200.	T-	0.	0.	0.
3	1200.	T-	0.	0.	0.
3	1400.	T-	0.	0.	0.
3	1400.	T-	0.	0.	0.
3	1600.	T-	0.	0.	0.
3	1600.	T-	0.	0.	0.
3	1800.	T-	0.	0.	0.
3	1800.	T-	0.	0.	0.
3	2000.	T-	0.	0.	0.
3	2000.	T-	0.	0.	0.
3	2200.	T-	0.	0.	0.
3	2200.	T-	0.	0.	0.
3	2400.	T-	0.	0.	0.
3	2400.	T-	0.	0.	0.
3	2600.	T-	0.	0.	0.
3	2600.	T-	0.	0.	0.
3	2800.	T-	0.	0.	0.
3	0.	W	0.	8.280E-15	0.
3	200.	W	0.	8.280E-15	0.
3	200.	W	0.	9.041E-15	0.
3	400.	W	0.	9.041E-15	0.
3	400.	W	0.	9.694E-15	0.
3	600.	W	0.	9.694E-15	0.
3	600.	W	0.	1.019E-14	0.
3	800.	W	0.	1.019E-14	0.
3	800.	W	0.	1.052E-14	0.
3	1000.	W	0.	1.052E-14	0.
3	1000.	W	0.	1.070E-14	0.
3	1200.	W	0.	1.070E-14	0.
3	1200.	W	0.	1.073E-14	0.
3	1400.	W	0.	1.073E-14	0.
3	1400.	W	0.	1.062E-14	0.
3	1600.	W	0.	1.062E-14	0.
3	1600.	W	0.	1.036E-14	0.
3	1800.	W	0.	1.036E-14	0.
3	1800.	W	0.	9.958E-15	0.
3	2000.	W	0.	9.958E-15	0.
3	2000.	W	0.	9.391E-15	0.
3	2200.	W	0.	9.391E-15	0.
3	2200.	W	0.	8.661E-15	0.
3	2400.	W	0.	8.661E-15	0.
3	2400.	W	0.	7.816E-15	0.
3	2600.	W	0.	7.816E-15	0.
3	2600.	W	0.	7.116E-15	0.
3	2800.	W	0.	7.116E-15	0.
3	0.	Qm-1	0.	-0.9	0.
3	200.	Qm-1	0.	0.9	0.
3	200.	Qm-1	0.	-0.9	0.
3	400.	Qm-1	0.	0.9	0.
3	400.	Qm-1	0.	-0.9	0.

Table 26: Element Forces - Frames, Part 1 of 2

Frame	Station	OutputCase	P	V2	V3
	mm		KN	KN	KN
3	600.	Qm-1	0.	0.9	0.
3	600.	Qm-1	0.	-0.9	0.
3	800.	Qm-1	0.	0.9	0.
3	800.	Qm-1	0.	-0.9	0.
3	1000.	Qm-1	0.	0.9	0.
3	1000.	Qm-1	0.	-0.9	0.
3	1200.	Qm-1	0.	0.9	0.
3	1200.	Qm-1	0.	-0.9	0.
3	1400.	Qm-1	0.	0.9	0.
3	1400.	Qm-1	0.	-0.9	0.
3	1600.	Qm-1	0.	0.9	0.
3	1600.	Qm-1	0.	-0.9	0.
3	1800.	Qm-1	0.	0.9	0.
3	1800.	Qm-1	0.	-0.9	0.
3	2000.	Qm-1	0.	0.9	0.
3	2000.	Qm-1	0.	-0.9	0.
3	2200.	Qm-1	0.	0.9	0.
3	2200.	Qm-1	0.	-0.9	0.
3	2400.	Qm-1	0.	0.9	0.
3	2400.	Qm-1	0.	-0.9	0.
3	2600.	Qm-1	0.	0.9	0.
3	2600.	Qm-1	0.	-0.9	0.
3	2800.	Qm-1	0.	0.9	0.
3	0.	Qm-2	0.	5.165E-15	0.
3	200.	Qm-2	0.	5.165E-15	0.
3	200.	Qm-2	0.	7.609E-16	0.
3	400.	Qm-2	0.	7.609E-16	0.
3	400.	Qm-2	0.	2.687E-16	0.
3	600.	Qm-2	0.	2.687E-16	0.
3	600.	Qm-2	0.	-5.125E-16	0.
3	800.	Qm-2	0.	-5.125E-16	0.
3	800.	Qm-2	0.	-1.030E-15	0.
3	1000.	Qm-2	0.	-1.030E-15	0.
3	1000.	Qm-2	0.	-5.509E-15	0.
3	1200.	Qm-2	0.	-5.509E-15	0.
3	1200.	Qm-2	0.	3.894E-15	0.
3	1400.	Qm-2	0.	3.894E-15	0.
3	1400.	Qm-2	0.	-4.274E-15	0.
3	1600.	Qm-2	0.	-4.274E-15	0.
3	1600.	Qm-2	0.	5.123E-15	0.
3	1800.	Qm-2	0.	5.123E-15	0.
3	1800.	Qm-2	0.	6.318E-16	0.
3	2000.	Qm-2	0.	6.318E-16	0.
3	2000.	Qm-2	0.	1.007E-16	0.
3	2200.	Qm-2	0.	1.007E-16	0.
3	2200.	Qm-2	0.	-6.685E-16	0.
3	2400.	Qm-2	0.	-6.685E-16	0.
3	2400.	Qm-2	0.	-1.046E-15	0.
3	2600.	Qm-2	0.	-1.046E-15	0.
3	2600.	Qm-2	0.	-5.149E-15	0.
3	2800.	Qm-2	0.	-5.149E-15	0.
4	0.	DEAD	0.	0.	0.
4	200.	DEAD	0.	0.	0.
4	200.	DEAD	0.	0.	0.

Table 26: Element Forces - Frames, Part 1 of 2

Frame	Station	OutputCase	P	V2	V3
	mm		KN	KN	KN
4	400.	DEAD	0.	0.	0.
4	400.	DEAD	0.	0.	0.
4	600.	DEAD	0.	0.	0.
4	600.	DEAD	0.	0.	0.
4	800.	DEAD	0.	0.	0.
4	800.	DEAD	0.	0.	0.
4	1000.	DEAD	0.	0.	0.
4	1000.	DEAD	0.	0.	0.
4	1200.	DEAD	0.	0.	0.
4	1200.	DEAD	0.	0.	0.
4	1400.	DEAD	0.	0.	0.
4	1400.	DEAD	0.	0.	0.
4	1600.	DEAD	0.	0.	0.
4	1600.	DEAD	0.	0.	0.
4	1800.	DEAD	0.	0.	0.
4	1800.	DEAD	0.	0.	0.
4	2000.	DEAD	0.	0.	0.
4	2000.	DEAD	0.	0.	0.
4	2200.	DEAD	0.	0.	0.
4	2200.	DEAD	0.	0.	0.
4	2400.	DEAD	0.	0.	0.
4	2400.	DEAD	0.	0.	0.
4	2600.	DEAD	0.	0.	0.
4	2600.	DEAD	0.	0.	0.
4	2800.	DEAD	0.	0.	0.
4	0.	G1	0.	-2.499E-08	0.
4	200.	G1	0.	2.499E-08	0.
4	200.	G1	0.	-2.499E-08	0.
4	400.	G1	0.	2.499E-08	0.
4	400.	G1	0.	-2.499E-08	0.
4	600.	G1	0.	2.499E-08	0.
4	600.	G1	0.	-2.499E-08	0.
4	800.	G1	0.	2.499E-08	0.
4	800.	G1	0.	-2.499E-08	0.
4	1000.	G1	0.	2.499E-08	0.
4	1000.	G1	0.	-2.499E-08	0.
4	1200.	G1	0.	2.499E-08	0.
4	1200.	G1	0.	-2.499E-08	0.
4	1400.	G1	0.	2.499E-08	0.
4	1400.	G1	0.	-2.499E-08	0.
4	1600.	G1	0.	2.499E-08	0.
4	1600.	G1	0.	-2.499E-08	0.
4	1800.	G1	0.	2.499E-08	0.
4	1800.	G1	0.	-2.499E-08	0.
4	2000.	G1	0.	2.499E-08	0.
4	2000.	G1	0.	-2.499E-08	0.
4	2200.	G1	0.	2.499E-08	0.
4	2200.	G1	0.	-2.499E-08	0.
4	2400.	G1	0.	2.499E-08	0.
4	2400.	G1	0.	-2.499E-08	0.
4	2600.	G1	0.	2.499E-08	0.
4	2600.	G1	0.	-2.499E-08	0.
4	2800.	G1	0.	2.499E-08	0.
4	0.	G2	0.	1.756E-15	0.

Table 26: Element Forces - Frames, Part 1 of 2

Frame	Station	OutputCase	P	V2	V3
	mm		KN	KN	KN
4	200.	G2	0.	1.756E-15	0.
4	200.	G2	0.	1.461E-15	0.
4	400.	G2	0.	1.461E-15	0.
4	400.	G2	0.	1.167E-15	0.
4	600.	G2	0.	1.167E-15	0.
4	600.	G2	0.	8.743E-16	0.
4	800.	G2	0.	8.743E-16	0.
4	800.	G2	0.	5.825E-16	0.
4	1000.	G2	0.	5.825E-16	0.
4	1000.	G2	0.	2.912E-16	0.
4	1200.	G2	0.	2.912E-16	0.
4	1200.	G2	0.	0.	0.
4	1400.	G2	0.	0.	0.
4	1400.	G2	0.	-2.912E-16	0.
4	1600.	G2	0.	-2.912E-16	0.
4	1600.	G2	0.	-5.825E-16	0.
4	1800.	G2	0.	-5.825E-16	0.
4	1800.	G2	0.	-8.743E-16	0.
4	2000.	G2	0.	-8.743E-16	0.
4	2000.	G2	0.	-1.167E-15	0.
4	2200.	G2	0.	-1.167E-15	0.
4	2200.	G2	0.	-1.461E-15	0.
4	2400.	G2	0.	-1.461E-15	0.
4	2400.	G2	0.	-1.756E-15	0.
4	2600.	G2	0.	-1.756E-15	0.
4	2600.	G2	0.	-2.047E-15	0.
4	2800.	G2	0.	-2.047E-15	0.
4	0.	Qm	0.	-1.366E-14	0.
4	200.	Qm	0.	-1.366E-14	0.
4	200.	Qm	0.	-1.096E-14	0.
4	400.	Qm	0.	-1.096E-14	0.
4	400.	Qm	0.	-8.627E-15	0.
4	600.	Qm	0.	-8.627E-15	0.
4	600.	Qm	0.	-6.532E-15	0.
4	800.	Qm	0.	-6.532E-15	0.
4	800.	Qm	0.	-4.573E-15	0.
4	1000.	Qm	0.	-4.573E-15	0.
4	1000.	Qm	0.	-2.682E-15	0.
4	1200.	Qm	0.	-2.682E-15	0.
4	1200.	Qm	0.	-8.206E-16	0.
4	1400.	Qm	0.	-8.206E-16	0.
4	1400.	Qm	0.	1.033E-15	0.
4	1600.	Qm	0.	1.033E-15	0.
4	1600.	Qm	0.	2.895E-15	0.
4	1800.	Qm	0.	2.895E-15	0.
4	1800.	Qm	0.	4.786E-15	0.
4	2000.	Qm	0.	4.786E-15	0.
4	2000.	Qm	0.	6.742E-15	0.
4	2200.	Qm	0.	6.742E-15	0.
4	2200.	Qm	0.	8.829E-15	0.
4	2400.	Qm	0.	8.829E-15	0.
4	2400.	Qm	0.	1.115E-14	0.
4	2600.	Qm	0.	1.115E-14	0.
4	2600.	Qm	0.	1.383E-14	0.

Table 26: Element Forces - Frames, Part 1 of 2

Frame	Station	OutputCase	P	V2	V3
	mm		KN	KN	KN
4	2800.	Qm	0.	1.383E-14	0.
4	0.	Qs	0.	0.	0.
4	200.	Qs	0.	0.	0.
4	200.	Qs	0.	0.	0.
4	400.	Qs	0.	0.	0.
4	400.	Qs	0.	0.	0.
4	600.	Qs	0.	0.	0.
4	600.	Qs	0.	0.	0.
4	800.	Qs	0.	0.	0.
4	800.	Qs	0.	0.	0.
4	1000.	Qs	0.	0.	0.
4	1000.	Qs	0.	0.	0.
4	1200.	Qs	0.	0.	0.
4	1200.	Qs	0.	0.	0.
4	1400.	Qs	0.	0.	0.
4	1400.	Qs	0.	0.	0.
4	1600.	Qs	0.	0.	0.
4	1600.	Qs	0.	0.	0.
4	1800.	Qs	0.	0.	0.
4	1800.	Qs	0.	0.	0.
4	2000.	Qs	0.	0.	0.
4	2000.	Qs	0.	0.	0.
4	2200.	Qs	0.	0.	0.
4	2200.	Qs	0.	0.	0.
4	2400.	Qs	0.	0.	0.
4	2400.	Qs	0.	0.	0.
4	2600.	Qs	0.	0.	0.
4	2600.	Qs	0.	0.	0.
4	2800.	Qs	0.	0.	0.
4	0.	T+	0.	0.	0.
4	200.	T+	0.	0.	0.
4	200.	T+	0.	0.	0.
4	400.	T+	0.	0.	0.
4	400.	T+	0.	0.	0.
4	600.	T+	0.	0.	0.
4	600.	T+	0.	0.	0.
4	800.	T+	0.	0.	0.
4	800.	T+	0.	0.	0.
4	1000.	T+	0.	0.	0.
4	1000.	T+	0.	0.	0.
4	1200.	T+	0.	0.	0.
4	1200.	T+	0.	0.	0.
4	1400.	T+	0.	0.	0.
4	1400.	T+	0.	0.	0.
4	1600.	T+	0.	0.	0.
4	1600.	T+	0.	0.	0.
4	1800.	T+	0.	0.	0.
4	1800.	T+	0.	0.	0.
4	2000.	T+	0.	0.	0.
4	2000.	T+	0.	0.	0.
4	2200.	T+	0.	0.	0.
4	2200.	T+	0.	0.	0.
4	2400.	T+	0.	0.	0.
4	2400.	T+	0.	0.	0.

Table 26: Element Forces - Frames, Part 1 of 2

Frame	Station	OutputCase	P	V2	V3
	mm		KN	KN	KN
4	2600.	T+	0.	0.	0.
4	2600.	T+	0.	0.	0.
4	2800.	T+	0.	0.	0.
4	0.	T-	0.	0.	0.
4	200.	T-	0.	0.	0.
4	200.	T-	0.	0.	0.
4	400.	T-	0.	0.	0.
4	400.	T-	0.	0.	0.
4	600.	T-	0.	0.	0.
4	600.	T-	0.	0.	0.
4	800.	T-	0.	0.	0.
4	800.	T-	0.	0.	0.
4	1000.	T-	0.	0.	0.
4	1000.	T-	0.	0.	0.
4	1200.	T-	0.	0.	0.
4	1200.	T-	0.	0.	0.
4	1400.	T-	0.	0.	0.
4	1400.	T-	0.	0.	0.
4	1600.	T-	0.	0.	0.
4	1600.	T-	0.	0.	0.
4	1800.	T-	0.	0.	0.
4	1800.	T-	0.	0.	0.
4	2000.	T-	0.	0.	0.
4	2000.	T-	0.	0.	0.
4	2200.	T-	0.	0.	0.
4	2200.	T-	0.	0.	0.
4	2400.	T-	0.	0.	0.
4	2400.	T-	0.	0.	0.
4	2600.	T-	0.	0.	0.
4	2600.	T-	0.	0.	0.
4	2800.	T-	0.	0.	0.
4	0.	W	0.	8.357E-15	0.
4	200.	W	0.	8.357E-15	0.
4	200.	W	0.	9.322E-15	0.
4	400.	W	0.	9.322E-15	0.
4	400.	W	0.	9.983E-15	0.
4	600.	W	0.	9.983E-15	0.
4	600.	W	0.	1.045E-14	0.
4	800.	W	0.	1.045E-14	0.
4	800.	W	0.	1.076E-14	0.
4	1000.	W	0.	1.076E-14	0.
4	1000.	W	0.	1.093E-14	0.
4	1200.	W	0.	1.093E-14	0.
4	1200.	W	0.	1.095E-14	0.
4	1400.	W	0.	1.095E-14	0.
4	1400.	W	0.	1.082E-14	0.
4	1600.	W	0.	1.082E-14	0.
4	1600.	W	0.	1.054E-14	0.
4	1800.	W	0.	1.054E-14	0.
4	1800.	W	0.	1.011E-14	0.
4	2000.	W	0.	1.011E-14	0.
4	2000.	W	0.	9.512E-15	0.
4	2200.	W	0.	9.512E-15	0.
4	2200.	W	0.	8.709E-15	0.

Table 26: Element Forces - Frames, Part 1 of 2

Frame	Station	OutputCase	P	V2	V3
	mm		KN	KN	KN
4	2400.	W	0.	8.709E-15	0.
4	2400.	W	0.	7.583E-15	0.
4	2600.	W	0.	7.583E-15	0.
4	2600.	W	0.	5.818E-15	0.
4	2800.	W	0.	5.818E-15	0.
4	0.	Qm-1	0.	-0.9	0.
4	200.	Qm-1	0.	0.9	0.
4	200.	Qm-1	0.	-0.9	0.
4	400.	Qm-1	0.	0.9	0.
4	400.	Qm-1	0.	-0.9	0.
4	600.	Qm-1	0.	0.9	0.
4	600.	Qm-1	0.	-0.9	0.
4	800.	Qm-1	0.	0.9	0.
4	800.	Qm-1	0.	-0.9	0.
4	1000.	Qm-1	0.	0.9	0.
4	1000.	Qm-1	0.	-0.9	0.
4	1200.	Qm-1	0.	0.9	0.
4	1200.	Qm-1	0.	-0.9	0.
4	1400.	Qm-1	0.	0.9	0.
4	1400.	Qm-1	0.	-0.9	0.
4	1600.	Qm-1	0.	0.9	0.
4	1600.	Qm-1	0.	-0.9	0.
4	1800.	Qm-1	0.	0.9	0.
4	1800.	Qm-1	0.	-0.9	0.
4	2000.	Qm-1	0.	0.9	0.
4	2000.	Qm-1	0.	-0.9	0.
4	2200.	Qm-1	0.	0.9	0.
4	2200.	Qm-1	0.	-0.9	0.
4	2400.	Qm-1	0.	0.9	0.
4	2400.	Qm-1	0.	-0.9	0.
4	2600.	Qm-1	0.	0.9	0.
4	2600.	Qm-1	0.	-0.9	0.
4	2800.	Qm-1	0.	0.9	0.
4	0.	Qm-2	0.	4.555E-15	0.
4	200.	Qm-2	0.	4.555E-15	0.
4	200.	Qm-2	0.	2.838E-16	0.
4	400.	Qm-2	0.	2.838E-16	0.
4	400.	Qm-2	0.	-8.966E-17	0.
4	600.	Qm-2	0.	-8.966E-17	0.
4	600.	Qm-2	0.	-7.775E-16	0.
4	800.	Qm-2	0.	-7.775E-16	0.
4	800.	Qm-2	0.	-1.214E-15	0.
4	1000.	Qm-2	0.	-1.214E-15	0.
4	1000.	Qm-2	0.	-5.608E-15	0.
4	1200.	Qm-2	0.	-5.608E-15	0.
4	1200.	Qm-2	0.	3.890E-15	0.
4	1400.	Qm-2	0.	3.890E-15	0.
4	1400.	Qm-2	0.	-4.173E-15	0.
4	1600.	Qm-2	0.	-4.173E-15	0.
4	1600.	Qm-2	0.	5.338E-15	0.
4	1800.	Qm-2	0.	5.338E-15	0.
4	1800.	Qm-2	0.	9.723E-16	0.
4	2000.	Qm-2	0.	9.723E-16	0.
4	2000.	Qm-2	0.	5.816E-16	0.

Table 26: Element Forces - Frames, Part 1 of 2

Frame	Station	OutputCase	P	V2	V3
	mm		KN	KN	KN
4	2200.	Qm-2	0.	5.816E-16	0.
4	2200.	Qm-2	0.	-4.184E-17	0.
4	2400.	Qm-2	0.	-4.184E-17	0.
4	2400.	Qm-2	0.	-3.350E-16	0.
4	2600.	Qm-2	0.	-3.350E-16	0.
4	2600.	Qm-2	0.	-4.519E-15	0.
4	2800.	Qm-2	0.	-4.519E-15	0.

Table 26: Element Forces - Frames, Part 2 of 2

Table 26: Element Forces - Frames, Part 2 of 2

Frame	Station	OutputCase	T	M2	M3
	mm		KN-mm	KN-mm	KN-mm
1	0.	DEAD	0.	0.	0.
1	200.	DEAD	0.	0.	0.
1	200.	DEAD	0.	0.	0.
1	400.	DEAD	0.	0.	0.
1	400.	DEAD	0.	0.	0.
1	600.	DEAD	0.	0.	0.
1	600.	DEAD	0.	0.	0.
1	800.	DEAD	0.	0.	0.
1	800.	DEAD	0.	0.	0.
1	1000.	DEAD	0.	0.	0.
1	1000.	DEAD	0.	0.	0.
1	1200.	DEAD	0.	0.	0.
1	1200.	DEAD	0.	0.	0.
1	1400.	DEAD	0.	0.	0.
1	1400.	DEAD	0.	0.	0.
1	1600.	DEAD	0.	0.	0.
1	1600.	DEAD	0.	0.	0.
1	1800.	DEAD	0.	0.	0.
1	1800.	DEAD	0.	0.	0.
1	2000.	DEAD	0.	0.	0.
1	2000.	DEAD	0.	0.	0.
1	2200.	DEAD	0.	0.	0.
1	2200.	DEAD	0.	0.	0.
1	2400.	DEAD	0.	0.	0.
1	2400.	DEAD	0.	0.	0.
1	2600.	DEAD	0.	0.	0.
1	2600.	DEAD	0.	0.	0.
1	2800.	DEAD	0.	0.	0.
1	2800.	DEAD	0.	0.	0.
1	3000.	DEAD	0.	0.	0.
1	3000.	DEAD	0.	0.	0.
1	3200.	DEAD	0.	0.	0.
1	3200.	DEAD	0.	0.	0.
1	3400.	DEAD	0.	0.	0.
1	3400.	DEAD	0.	0.	0.
1	3600.	DEAD	0.	0.	0.
1	3600.	DEAD	0.	0.	0.
1	3800.	DEAD	0.	0.	0.
1	3800.	DEAD	0.	0.	0.
1	4000.	DEAD	0.	0.	0.

Table 26: Element Forces - Frames, Part 2 of 2

Frame	Station	OutputCase	T	M2	M3
	mm		KN-mm	KN-mm	KN-mm
1	0.	G1	-6.931E-20	0.	-8.331E-07
1	200.	G1	-6.931E-20	0.	-8.331E-07
1	200.	G1	-8.428E-20	0.	-8.331E-07
1	400.	G1	-8.428E-20	0.	-8.331E-07
1	400.	G1	-8.779E-20	0.	-8.331E-07
1	600.	G1	-8.779E-20	0.	-8.331E-07
1	600.	G1	-9.206E-20	0.	-8.331E-07
1	800.	G1	-9.206E-20	0.	-8.331E-07
1	800.	G1	-9.196E-20	0.	-8.331E-07
1	1000.	G1	-9.196E-20	0.	-8.331E-07
1	1000.	G1	-8.683E-20	0.	-8.331E-07
1	1200.	G1	-8.683E-20	0.	-8.331E-07
1	1200.	G1	-7.946E-20	0.	-8.331E-07
1	1400.	G1	-7.946E-20	0.	-8.331E-07
1	1400.	G1	-7.359E-20	0.	-8.331E-07
1	1600.	G1	-7.359E-20	0.	-8.331E-07
1	1600.	G1	-6.585E-20	0.	-8.331E-07
1	1800.	G1	-6.585E-20	0.	-8.331E-07
1	1800.	G1	-6.140E-20	0.	-8.331E-07
1	2000.	G1	-6.140E-20	0.	-8.331E-07
1	2000.	G1	-4.823E-20	0.	-8.331E-07
1	2200.	G1	-4.823E-20	0.	-8.331E-07
1	2200.	G1	-3.559E-20	0.	-8.331E-07
1	2400.	G1	-3.559E-20	0.	-8.331E-07
1	2400.	G1	-1.747E-20	0.	-8.331E-07
1	2600.	G1	-1.747E-20	0.	-8.331E-07
1	2600.	G1	-1.181E-20	0.	-8.331E-07
1	2800.	G1	-1.181E-20	0.	-8.331E-07
1	2800.	G1	0.	0.	-8.331E-07
1	3000.	G1	0.	0.	-8.331E-07
1	3000.	G1	0.	0.	-8.331E-07
1	3200.	G1	0.	0.	-8.331E-07
1	3200.	G1	1.108E-20	0.	-8.331E-07
1	3400.	G1	1.108E-20	0.	-8.331E-07
1	3400.	G1	0.	0.	-8.331E-07
1	3600.	G1	0.	0.	-8.331E-07
1	3600.	G1	0.	0.	-8.331E-07
1	3800.	G1	0.	0.	-8.331E-07
1	3800.	G1	0.	0.	-8.331E-07
1	4000.	G1	0.	0.	-8.331E-07
1	0.	G2	-9.896E-14	0.	-2.912E-13
1	200.	G2	-9.896E-14	0.	-8.223E-13
1	200.	G2	-1.075E-13	0.	-8.230E-13
1	400.	G2	-1.075E-13	0.	-1.355E-12
1	400.	G2	-1.153E-13	0.	-1.354E-12
1	600.	G2	-1.153E-13	0.	-1.833E-12
1	600.	G2	-1.156E-13	0.	-1.833E-12
1	800.	G2	-1.156E-13	0.	-2.248E-12
1	800.	G2	-1.086E-13	0.	-2.247E-12
1	1000.	G2	-1.086E-13	0.	-2.600E-12
1	1000.	G2	-9.658E-14	0.	-2.600E-12
1	1200.	G2	-9.658E-14	0.	-2.892E-12
1	1200.	G2	-8.100E-14	0.	-2.892E-12
1	1400.	G2	-8.100E-14	0.	-3.126E-12

Table 26: Element Forces - Frames, Part 2 of 2

Frame	Station	OutputCase	T	M2	M3
	mm		KN-mm	KN-mm	KN-mm
1	1400.	G2	-6.289E-14	0.	-3.126E-12
1	1600.	G2	-6.289E-14	0.	-3.302E-12
1	1600.	G2	-4.294E-14	0.	-3.302E-12
1	1800.	G2	-4.294E-14	0.	-3.419E-12
1	1800.	G2	-2.178E-14	0.	-3.419E-12
1	2000.	G2	-2.178E-14	0.	-3.478E-12
1	2000.	G2	0.	0.	-3.478E-12
1	2200.	G2	0.	0.	-3.478E-12
1	2200.	G2	2.178E-14	0.	-3.478E-12
1	2400.	G2	2.178E-14	0.	-3.419E-12
1	2400.	G2	4.294E-14	0.	-3.419E-12
1	2600.	G2	4.294E-14	0.	-3.302E-12
1	2600.	G2	6.289E-14	0.	-3.302E-12
1	2800.	G2	6.289E-14	0.	-3.126E-12
1	2800.	G2	8.100E-14	0.	-3.126E-12
1	3000.	G2	8.100E-14	0.	-2.892E-12
1	3000.	G2	9.658E-14	0.	-2.892E-12
1	3200.	G2	9.658E-14	0.	-2.600E-12
1	3200.	G2	1.086E-13	0.	-2.600E-12
1	3400.	G2	1.086E-13	0.	-2.247E-12
1	3400.	G2	1.156E-13	0.	-2.248E-12
1	3600.	G2	1.156E-13	0.	-1.833E-12
1	3600.	G2	1.153E-13	0.	-1.833E-12
1	3800.	G2	1.153E-13	0.	-1.354E-12
1	3800.	G2	1.075E-13	0.	-1.355E-12
1	4000.	G2	1.075E-13	0.	-8.230E-13
1	0.	Qm	-1.290E-12	0.	6.919E-13
1	200.	Qm	-1.290E-12	0.	2.469E-12
1	200.	Qm	-1.477E-12	0.	2.469E-12
1	400.	Qm	-1.477E-12	0.	4.337E-12
1	400.	Qm	-1.703E-12	0.	4.338E-12
1	600.	Qm	-1.703E-12	0.	6.260E-12
1	600.	Qm	-1.897E-12	0.	6.261E-12
1	800.	Qm	-1.897E-12	0.	8.173E-12
1	800.	Qm	-2.020E-12	0.	8.174E-12
1	1000.	Qm	-2.020E-12	0.	9.990E-12
1	1000.	Qm	-2.056E-12	0.	9.991E-12
1	1200.	Qm	-2.056E-12	0.	1.163E-11
1	1200.	Qm	-2.012E-12	0.	1.163E-11
1	1400.	Qm	-2.012E-12	0.	1.301E-11
1	1400.	Qm	-1.903E-12	0.	1.301E-11
1	1600.	Qm	-1.903E-12	0.	1.411E-11
1	1600.	Qm	-1.750E-12	0.	1.411E-11
1	1800.	Qm	-1.750E-12	0.	1.488E-11
1	1800.	Qm	-1.570E-12	0.	1.488E-11
1	2000.	Qm	-1.570E-12	0.	1.533E-11
1	2000.	Qm	-1.377E-12	0.	1.533E-11
1	2200.	Qm	-1.377E-12	0.	1.544E-11
1	2200.	Qm	-1.181E-12	0.	1.544E-11
1	2400.	Qm	-1.181E-12	0.	1.522E-11
1	2400.	Qm	-9.901E-13	0.	1.522E-11
1	2600.	Qm	-9.901E-13	0.	1.465E-11
1	2600.	Qm	-8.150E-13	0.	1.465E-11
1	2800.	Qm	-8.150E-13	0.	1.374E-11

Table 26: Element Forces - Frames, Part 2 of 2

Frame	Station	OutputCase	T	M2	M3
	mm		KN-mm	KN-mm	KN-mm
1	2800.	Qm	-6.676E-13	0.	1.374E-11
1	3000.	Qm	-6.676E-13	0.	1.250E-11
1	3000.	Qm	-5.632E-13	0.	1.250E-11
1	3200.	Qm	-5.632E-13	0.	1.094E-11
1	3200.	Qm	-5.185E-13	0.	1.094E-11
1	3400.	Qm	-5.185E-13	0.	9.089E-12
1	3400.	Qm	-5.445E-13	0.	9.088E-12
1	3600.	Qm	-5.445E-13	0.	7.022E-12
1	3600.	Qm	-6.354E-13	0.	7.021E-12
1	3800.	Qm	-6.354E-13	0.	4.814E-12
1	3800.	Qm	-7.465E-13	0.	4.813E-12
1	4000.	Qm	-7.465E-13	0.	2.541E-12
1	0.	Qs	0.	0.	0.
1	200.	Qs	0.	0.	0.
1	200.	Qs	0.	0.	0.
1	400.	Qs	0.	0.	0.
1	400.	Qs	0.	0.	0.
1	600.	Qs	0.	0.	0.
1	600.	Qs	0.	0.	0.
1	800.	Qs	0.	0.	0.
1	800.	Qs	0.	0.	0.
1	1000.	Qs	0.	0.	-1.114E-20
1	1000.	Qs	0.	0.	-1.101E-20
1	1200.	Qs	0.	0.	-1.035E-20
1	1200.	Qs	0.	0.	0.
1	1400.	Qs	0.	0.	-1.194E-20
1	1400.	Qs	0.	0.	-1.143E-20
1	1600.	Qs	0.	0.	-1.342E-20
1	1600.	Qs	0.	0.	-1.249E-20
1	1800.	Qs	0.	0.	-1.316E-20
1	1800.	Qs	0.	0.	-1.143E-20
1	2000.	Qs	0.	0.	-1.210E-20
1	2000.	Qs	0.	0.	-1.101E-20
1	2200.	Qs	0.	0.	-1.101E-20
1	2200.	Qs	0.	0.	-1.038E-20
1	2400.	Qs	0.	0.	0.
1	2400.	Qs	0.	0.	0.
1	2600.	Qs	0.	0.	0.
1	2600.	Qs	0.	0.	0.
1	2800.	Qs	0.	0.	0.
1	2800.	Qs	0.	0.	0.
1	3000.	Qs	0.	0.	0.
1	3000.	Qs	0.	0.	0.
1	3200.	Qs	0.	0.	0.
1	3200.	Qs	0.	0.	0.
1	3400.	Qs	0.	0.	0.
1	3400.	Qs	0.	0.	0.
1	3600.	Qs	0.	0.	0.
1	3600.	Qs	0.	0.	0.
1	3800.	Qs	0.	0.	0.
1	3800.	Qs	0.	0.	0.
1	4000.	Qs	0.	0.	0.
1	0.	T+	0.	0.	0.
1	200.	T+	0.	0.	0.

Table 26: Element Forces - Frames, Part 2 of 2

Frame	Station	OutputCase	T	M2	M3
	mm		KN-mm	KN-mm	KN-mm
1	200.	T+	0.	0.	0.
1	400.	T+	0.	0.	0.
1	400.	T+	0.	0.	0.
1	600.	T+	0.	0.	0.
1	600.	T+	0.	0.	0.
1	800.	T+	0.	0.	0.
1	800.	T+	0.	0.	0.
1	1000.	T+	0.	0.	0.
1	1000.	T+	0.	0.	0.
1	1200.	T+	0.	0.	0.
1	1200.	T+	0.	0.	0.
1	1400.	T+	0.	0.	0.
1	1400.	T+	0.	0.	0.
1	1600.	T+	0.	0.	0.
1	1600.	T+	0.	0.	0.
1	1800.	T+	0.	0.	0.
1	1800.	T+	0.	0.	0.
1	2000.	T+	0.	0.	0.
1	2000.	T+	0.	0.	0.
1	2200.	T+	0.	0.	0.
1	2200.	T+	0.	0.	0.
1	2400.	T+	0.	0.	0.
1	2400.	T+	0.	0.	0.
1	2600.	T+	0.	0.	0.
1	2600.	T+	0.	0.	0.
1	2800.	T+	0.	0.	0.
1	2800.	T+	0.	0.	0.
1	3000.	T+	0.	0.	0.
1	3000.	T+	0.	0.	0.
1	3200.	T+	0.	0.	0.
1	3200.	T+	0.	0.	0.
1	3400.	T+	0.	0.	0.
1	3400.	T+	0.	0.	0.
1	3600.	T+	0.	0.	0.
1	3600.	T+	0.	0.	0.
1	3800.	T+	0.	0.	0.
1	3800.	T+	0.	0.	0.
1	4000.	T+	0.	0.	0.
1	0.	T-	0.	0.	0.
1	200.	T-	0.	0.	0.
1	200.	T-	0.	0.	0.
1	400.	T-	0.	0.	0.
1	400.	T-	0.	0.	0.
1	600.	T-	0.	0.	0.
1	600.	T-	0.	0.	0.
1	800.	T-	0.	0.	0.
1	800.	T-	0.	0.	0.
1	1000.	T-	0.	0.	0.
1	1000.	T-	0.	0.	0.
1	1200.	T-	0.	0.	0.
1	1200.	T-	0.	0.	0.
1	1400.	T-	0.	0.	0.
1	1400.	T-	0.	0.	0.
1	1600.	T-	0.	0.	0.

Table 26: Element Forces - Frames, Part 2 of 2

Frame	Station	OutputCase	T	M2	M3
	mm		KN-mm	KN-mm	KN-mm
1	1600.	T-	0.	0.	0.
1	1800.	T-	0.	0.	0.
1	1800.	T-	0.	0.	0.
1	2000.	T-	0.	0.	0.
1	2000.	T-	0.	0.	0.
1	2200.	T-	0.	0.	0.
1	2200.	T-	0.	0.	0.
1	2400.	T-	0.	0.	0.
1	2400.	T-	0.	0.	0.
1	2600.	T-	0.	0.	0.
1	2600.	T-	0.	0.	0.
1	2800.	T-	0.	0.	0.
1	2800.	T-	0.	0.	0.
1	3000.	T-	0.	0.	0.
1	3000.	T-	0.	0.	0.
1	3200.	T-	0.	0.	0.
1	3200.	T-	0.	0.	0.
1	3400.	T-	0.	0.	0.
1	3400.	T-	0.	0.	0.
1	3600.	T-	0.	0.	0.
1	3600.	T-	0.	0.	0.
1	3800.	T-	0.	0.	0.
1	3800.	T-	0.	0.	0.
1	4000.	T-	0.	0.	0.
1	0.	W	-9.085E-13	0.	1.236E-11
1	200.	W	-9.085E-13	0.	1.534E-11
1	200.	W	-2.110E-13	0.	1.539E-11
1	400.	W	-2.110E-13	0.	1.527E-11
1	400.	W	-4.613E-14	0.	1.522E-11
1	600.	W	-4.613E-14	0.	1.363E-11
1	600.	W	-8.925E-14	0.	1.363E-11
1	800.	W	-8.925E-14	0.	1.172E-11
1	800.	W	-1.320E-13	0.	1.172E-11
1	1000.	W	-1.320E-13	0.	9.758E-12
1	1000.	W	-1.448E-13	0.	9.760E-12
1	1200.	W	-1.448E-13	0.	7.756E-12
1	1200.	W	-1.381E-13	0.	7.757E-12
1	1400.	W	-1.381E-13	0.	5.707E-12
1	1400.	W	-1.189E-13	0.	5.708E-12
1	1600.	W	-1.189E-13	0.	3.611E-12
1	1600.	W	-9.111E-14	0.	3.611E-12
1	1800.	W	-9.111E-14	0.	1.478E-12
1	1800.	W	-5.737E-14	0.	1.478E-12
1	2000.	W	-5.737E-14	0.	-6.744E-13
1	2000.	W	-1.992E-14	0.	-6.743E-13
1	2200.	W	-1.992E-14	0.	-2.828E-12
1	2200.	W	1.931E-14	0.	-2.828E-12
1	2400.	W	1.931E-14	0.	-4.965E-12
1	2400.	W	5.958E-14	0.	-4.965E-12
1	2600.	W	5.958E-14	0.	-7.073E-12
1	2600.	W	1.026E-13	0.	-7.072E-12
1	2800.	W	1.026E-13	0.	-9.143E-12
1	2800.	W	1.537E-13	0.	-9.142E-12
1	3000.	W	1.537E-13	0.	-1.117E-11

Table 26: Element Forces - Frames, Part 2 of 2

Frame	Station	OutputCase	T	M2	M3
	mm		KN-mm	KN-mm	KN-mm
1	3000.	W	2.230E-13	0.	-1.117E-11
1	3200.	W	2.230E-13	0.	-1.317E-11
1	3200.	W	3.250E-13	0.	-1.317E-11
1	3400.	W	3.250E-13	0.	-1.514E-11
1	3400.	W	4.779E-13	0.	-1.514E-11
1	3600.	W	4.779E-13	0.	-1.706E-11
1	3600.	W	6.586E-13	0.	-1.706E-11
1	3800.	W	6.586E-13	0.	-1.868E-11
1	3800.	W	6.628E-13	0.	-1.873E-11
1	4000.	W	6.628E-13	0.	-1.886E-11
1	0.	Qm-1	-2.126E-12	0.	-40.
1	200.	Qm-1	-2.126E-12	0.	-40.
1	200.	Qm-1	-2.396E-12	0.	-40.
1	400.	Qm-1	-2.396E-12	0.	-40.
1	400.	Qm-1	-2.629E-12	0.	-40.
1	600.	Qm-1	-2.629E-12	0.	-40.
1	600.	Qm-1	-2.784E-12	0.	-40.
1	800.	Qm-1	-2.784E-12	0.	-40.
1	800.	Qm-1	-2.826E-12	0.	-40.
1	1000.	Qm-1	-2.826E-12	0.	-40.
1	1000.	Qm-1	-2.751E-12	0.	-40.
1	1200.	Qm-1	-2.751E-12	0.	-40.
1	1200.	Qm-1	-2.575E-12	0.	-40.
1	1400.	Qm-1	-2.575E-12	0.	-40.
1	1400.	Qm-1	-2.330E-12	0.	-40.
1	1600.	Qm-1	-2.330E-12	0.	-40.
1	1600.	Qm-1	-2.042E-12	0.	-40.
1	1800.	Qm-1	-2.042E-12	0.	-40.
1	1800.	Qm-1	-1.729E-12	0.	-40.
1	2000.	Qm-1	-1.729E-12	0.	-40.
1	2000.	Qm-1	-1.401E-12	0.	-40.
1	2200.	Qm-1	-1.401E-12	0.	-40.
1	2200.	Qm-1	-1.067E-12	0.	-40.
1	2400.	Qm-1	-1.067E-12	0.	-40.
1	2400.	Qm-1	-7.327E-13	0.	-40.
1	2600.	Qm-1	-7.327E-13	0.	-40.
1	2600.	Qm-1	-4.049E-13	0.	-40.
1	2800.	Qm-1	-4.049E-13	0.	-40.
1	2800.	Qm-1	-9.502E-14	0.	-40.
1	3000.	Qm-1	-9.502E-14	0.	-40.
1	3000.	Qm-1	1.787E-13	0.	-40.
1	3200.	Qm-1	1.787E-13	0.	-40.
1	3200.	Qm-1	3.883E-13	0.	-40.
1	3400.	Qm-1	3.883E-13	0.	-40.
1	3400.	Qm-1	5.021E-13	0.	-40.
1	3600.	Qm-1	5.021E-13	0.	-40.
1	3600.	Qm-1	4.992E-13	0.	-40.
1	3800.	Qm-1	4.992E-13	0.	-40.
1	3800.	Qm-1	3.835E-13	0.	-40.
1	4000.	Qm-1	3.835E-13	0.	-40.
1	0.	Qm-2	-7.182E-13	0.	-9.169E-15
1	200.	Qm-2	-7.182E-13	0.	1.865E-12
1	200.	Qm-2	-7.355E-13	0.	1.865E-12
1	400.	Qm-2	-7.355E-13	0.	2.161E-15

Table 26: Element Forces - Frames, Part 2 of 2

Frame	Station	OutputCase	T	M2	M3
	mm		KN-mm	KN-mm	KN-mm
1	400.	Qm-2	-7.306E-13	0.	5.785E-14
1	600.	Qm-2	-7.306E-13	0.	-1.430E-13
1	600.	Qm-2	-7.006E-13	0.	-1.631E-13
1	800.	Qm-2	-7.006E-13	0.	-3.570E-13
1	800.	Qm-2	-6.530E-13	0.	-3.581E-13
1	1000.	Qm-2	-6.530E-13	0.	-4.934E-13
1	1000.	Qm-2	-6.002E-13	0.	-4.946E-13
1	1200.	Qm-2	-6.002E-13	0.	-5.865E-13
1	1200.	Qm-2	-5.482E-13	0.	-5.875E-13
1	1400.	Qm-2	-5.482E-13	0.	-6.241E-13
1	1400.	Qm-2	-4.903E-13	0.	-6.245E-13
1	1600.	Qm-2	-4.903E-13	0.	-5.991E-13
1	1600.	Qm-2	-4.123E-13	0.	-5.989E-13
1	1800.	Qm-2	-4.123E-13	0.	-5.276E-13
1	1800.	Qm-2	-3.046E-13	0.	-5.270E-13
1	2000.	Qm-2	-3.046E-13	0.	-4.438E-13
1	2000.	Qm-2	-1.706E-13	0.	-4.434E-13
1	2200.	Qm-2	-1.706E-13	0.	-3.823E-13
1	2200.	Qm-2	-2.777E-14	0.	-3.822E-13
1	2400.	Qm-2	-2.777E-14	0.	-3.567E-13
1	2400.	Qm-2	1.015E-13	0.	-3.570E-13
1	2600.	Qm-2	1.015E-13	0.	-3.530E-13
1	2600.	Qm-2	2.002E-13	0.	-3.534E-13
1	2800.	Qm-2	2.002E-13	0.	-3.357E-13
1	2800.	Qm-2	2.654E-13	0.	-3.357E-13
1	3000.	Qm-2	2.654E-13	0.	-2.670E-13
1	3000.	Qm-2	3.074E-13	0.	-2.661E-13
1	3200.	Qm-2	3.074E-13	0.	-1.217E-13
1	3200.	Qm-2	3.416E-13	0.	-1.201E-13
1	3400.	Qm-2	3.416E-13	0.	1.164E-13
1	3400.	Qm-2	3.759E-13	0.	1.373E-13
1	3600.	Qm-2	3.759E-13	0.	3.820E-13
1	3600.	Qm-2	4.060E-13	0.	3.267E-13
1	3800.	Qm-2	4.060E-13	0.	2.199E-12
1	3800.	Qm-2	4.207E-13	0.	2.198E-12
1	4000.	Qm-2	4.207E-13	0.	2.857E-13
2	0.	DEAD	0.	0.	0.
2	200.	DEAD	0.	0.	0.
2	200.	DEAD	0.	0.	0.
2	400.	DEAD	0.	0.	0.
2	400.	DEAD	0.	0.	0.
2	600.	DEAD	0.	0.	0.
2	600.	DEAD	0.	0.	0.
2	800.	DEAD	0.	0.	0.
2	800.	DEAD	0.	0.	0.
2	1000.	DEAD	0.	0.	0.
2	1000.	DEAD	0.	0.	0.
2	1200.	DEAD	0.	0.	0.
2	1200.	DEAD	0.	0.	0.
2	1400.	DEAD	0.	0.	0.
2	1400.	DEAD	0.	0.	0.
2	1600.	DEAD	0.	0.	0.
2	1600.	DEAD	0.	0.	0.
2	1800.	DEAD	0.	0.	0.

Table 26: Element Forces - Frames, Part 2 of 2

Frame	Station	OutputCase	T	M2	M3
	mm		KN-mm	KN-mm	KN-mm
2	1800.	DEAD	0.	0.	0.
2	2000.	DEAD	0.	0.	0.
2	2000.	DEAD	0.	0.	0.
2	2200.	DEAD	0.	0.	0.
2	2200.	DEAD	0.	0.	0.
2	2400.	DEAD	0.	0.	0.
2	2400.	DEAD	0.	0.	0.
2	2600.	DEAD	0.	0.	0.
2	2600.	DEAD	0.	0.	0.
2	2800.	DEAD	0.	0.	0.
2	2800.	DEAD	0.	0.	0.
2	3000.	DEAD	0.	0.	0.
2	3000.	DEAD	0.	0.	0.
2	3200.	DEAD	0.	0.	0.
2	3200.	DEAD	0.	0.	0.
2	3400.	DEAD	0.	0.	0.
2	3400.	DEAD	0.	0.	0.
2	3600.	DEAD	0.	0.	0.
2	3600.	DEAD	0.	0.	0.
2	3800.	DEAD	0.	0.	0.
2	3800.	DEAD	0.	0.	0.
2	4000.	DEAD	0.	0.	0.
2	0.	G1	2.938E-20	0.	-8.331E-07
2	200.	G1	2.938E-20	0.	-8.331E-07
2	200.	G1	2.333E-20	0.	-8.331E-07
2	400.	G1	2.333E-20	0.	-8.331E-07
2	400.	G1	3.045E-20	0.	-8.331E-07
2	600.	G1	3.045E-20	0.	-8.331E-07
2	600.	G1	1.606E-20	0.	-8.331E-07
2	800.	G1	1.606E-20	0.	-8.331E-07
2	800.	G1	0.	0.	-8.331E-07
2	1000.	G1	0.	0.	-8.331E-07
2	1000.	G1	0.	0.	-8.331E-07
2	1200.	G1	0.	0.	-8.331E-07
2	1200.	G1	0.	0.	-8.331E-07
2	1400.	G1	0.	0.	-8.331E-07
2	1400.	G1	0.	0.	-8.331E-07
2	1600.	G1	0.	0.	-8.331E-07
2	1600.	G1	-1.740E-20	0.	-8.331E-07
2	1800.	G1	-1.740E-20	0.	-8.331E-07
2	1800.	G1	-1.511E-20	0.	-8.331E-07
2	2000.	G1	-1.511E-20	0.	-8.331E-07
2	2000.	G1	-2.429E-20	0.	-8.331E-07
2	2200.	G1	-2.429E-20	0.	-8.331E-07
2	2200.	G1	-2.638E-20	0.	-8.331E-07
2	2400.	G1	-2.638E-20	0.	-8.331E-07
2	2400.	G1	-3.317E-20	0.	-8.331E-07
2	2600.	G1	-3.317E-20	0.	-8.331E-07
2	2600.	G1	-2.875E-20	0.	-8.331E-07
2	2800.	G1	-2.875E-20	0.	-8.331E-07
2	2800.	G1	-2.674E-20	0.	-8.331E-07
2	3000.	G1	-2.674E-20	0.	-8.331E-07
2	3000.	G1	-2.300E-20	0.	-8.331E-07
2	3200.	G1	-2.300E-20	0.	-8.331E-07

Table 26: Element Forces - Frames, Part 2 of 2

Frame	Station	OutputCase	T	M2	M3
	mm		KN-mm	KN-mm	KN-mm
2	3200.	G1	-2.630E-20	0.	-8.331E-07
2	3400.	G1	-2.630E-20	0.	-8.331E-07
2	3400.	G1	-2.514E-20	0.	-8.331E-07
2	3600.	G1	-2.514E-20	0.	-8.331E-07
2	3600.	G1	-2.218E-20	0.	-8.331E-07
2	3800.	G1	-2.218E-20	0.	-8.331E-07
2	3800.	G1	-2.023E-20	0.	-8.331E-07
2	4000.	G1	-2.023E-20	0.	-8.331E-07
2	0.	G2	-7.202E-13	0.	-7.150E-13
2	200.	G2	-7.202E-13	0.	-1.502E-12
2	200.	G2	-6.375E-13	0.	-1.506E-12
2	400.	G2	-6.375E-13	0.	-2.133E-12
2	400.	G2	-5.378E-13	0.	-2.134E-12
2	600.	G2	-5.378E-13	0.	-2.606E-12
2	600.	G2	-4.294E-13	0.	-2.606E-12
2	800.	G2	-4.294E-13	0.	-2.915E-12
2	800.	G2	-3.221E-13	0.	-2.924E-12
2	1000.	G2	-3.221E-13	0.	-2.986E-12
2	1000.	G2	-2.842E-13	0.	-2.974E-12
2	1200.	G2	-2.842E-13	0.	-3.020E-12
2	1200.	G2	-4.640E-13	0.	-3.020E-12
2	1400.	G2	-4.640E-13	0.	-3.594E-12
2	1400.	G2	-4.167E-13	0.	-3.606E-12
2	1600.	G2	-4.167E-13	0.	-4.164E-12
2	1600.	G2	-2.896E-13	0.	-4.156E-12
2	1800.	G2	-2.896E-13	0.	-4.469E-12
2	1800.	G2	-1.489E-13	0.	-4.469E-12
2	2000.	G2	-1.489E-13	0.	-4.622E-12
2	2000.	G2	0.	0.	-4.622E-12
2	2200.	G2	0.	0.	-4.622E-12
2	2200.	G2	1.489E-13	0.	-4.622E-12
2	2400.	G2	1.489E-13	0.	-4.469E-12
2	2400.	G2	2.896E-13	0.	-4.469E-12
2	2600.	G2	2.896E-13	0.	-4.156E-12
2	2600.	G2	4.167E-13	0.	-4.164E-12
2	2800.	G2	4.167E-13	0.	-3.606E-12
2	2800.	G2	4.640E-13	0.	-3.594E-12
2	3000.	G2	4.640E-13	0.	-3.020E-12
2	3000.	G2	2.842E-13	0.	-3.020E-12
2	3200.	G2	2.842E-13	0.	-2.974E-12
2	3200.	G2	3.221E-13	0.	-2.986E-12
2	3400.	G2	3.221E-13	0.	-2.924E-12
2	3400.	G2	4.294E-13	0.	-2.915E-12
2	3600.	G2	4.294E-13	0.	-2.606E-12
2	3600.	G2	5.378E-13	0.	-2.606E-12
2	3800.	G2	5.378E-13	0.	-2.134E-12
2	3800.	G2	6.375E-13	0.	-2.133E-12
2	4000.	G2	6.375E-13	0.	-1.506E-12
2	0.	Qm	-9.099E-13	0.	1.906E-12
2	200.	Qm	-9.099E-13	0.	3.764E-12
2	200.	Qm	-9.406E-13	0.	3.765E-12
2	400.	Qm	-9.406E-13	0.	5.544E-12
2	400.	Qm	-9.308E-13	0.	5.544E-12
2	600.	Qm	-9.308E-13	0.	7.204E-12

Table 26: Element Forces - Frames, Part 2 of 2

Frame	Station	OutputCase	T	M2	M3
	mm		KN-mm	KN-mm	KN-mm
2	600.	Qm	-9.113E-13	0.	7.204E-12
2	800.	Qm	-9.113E-13	0.	8.711E-12
2	800.	Qm	-8.903E-13	0.	8.711E-12
2	1000.	Qm	-8.903E-13	0.	1.004E-11
2	1000.	Qm	-8.697E-13	0.	1.004E-11
2	1200.	Qm	-8.697E-13	0.	1.118E-11
2	1200.	Qm	-8.488E-13	0.	1.118E-11
2	1400.	Qm	-8.488E-13	0.	1.210E-11
2	1400.	Qm	-8.259E-13	0.	1.210E-11
2	1600.	Qm	-8.259E-13	0.	1.281E-11
2	1600.	Qm	-7.992E-13	0.	1.281E-11
2	1800.	Qm	-7.992E-13	0.	1.329E-11
2	1800.	Qm	-7.665E-13	0.	1.329E-11
2	2000.	Qm	-7.665E-13	0.	1.353E-11
2	2000.	Qm	-7.260E-13	0.	1.353E-11
2	2200.	Qm	-7.260E-13	0.	1.352E-11
2	2200.	Qm	-6.757E-13	0.	1.352E-11
2	2400.	Qm	-6.757E-13	0.	1.327E-11
2	2400.	Qm	-6.139E-13	0.	1.327E-11
2	2600.	Qm	-6.139E-13	0.	1.277E-11
2	2600.	Qm	-5.387E-13	0.	1.277E-11
2	2800.	Qm	-5.387E-13	0.	1.201E-11
2	2800.	Qm	-4.483E-13	0.	1.201E-11
2	3000.	Qm	-4.483E-13	0.	1.101E-11
2	3000.	Qm	-3.415E-13	0.	1.101E-11
2	3200.	Qm	-3.415E-13	0.	9.761E-12
2	3200.	Qm	-2.179E-13	0.	9.761E-12
2	3400.	Qm	-2.179E-13	0.	8.288E-12
2	3400.	Qm	-8.010E-14	0.	8.288E-12
2	3600.	Qm	-8.010E-14	0.	6.609E-12
2	3600.	Qm	6.251E-14	0.	6.608E-12
2	3800.	Qm	6.251E-14	0.	4.758E-12
2	3800.	Qm	1.760E-13	0.	4.757E-12
2	4000.	Qm	1.760E-13	0.	2.786E-12
2	0.	Qs	0.	0.	0.
2	200.	Qs	0.	0.	0.
2	200.	Qs	0.	0.	0.
2	400.	Qs	0.	0.	0.
2	400.	Qs	0.	0.	0.
2	600.	Qs	0.	0.	0.
2	600.	Qs	0.	0.	0.
2	800.	Qs	0.	0.	0.
2	800.	Qs	0.	0.	0.
2	1000.	Qs	0.	0.	0.
2	1000.	Qs	0.	0.	0.
2	1200.	Qs	0.	0.	0.
2	1200.	Qs	0.	0.	0.
2	1400.	Qs	0.	0.	0.
2	1400.	Qs	0.	0.	-1.016E-20
2	1600.	Qs	0.	0.	-1.149E-20
2	1600.	Qs	0.	0.	-1.143E-20
2	1800.	Qs	0.	0.	-1.077E-20
2	1800.	Qs	0.	0.	-1.143E-20
2	2000.	Qs	0.	0.	-1.077E-20

Table 26: Element Forces - Frames, Part 2 of 2

Frame	Station	OutputCase	T	M2	M3
	mm		KN-mm	KN-mm	KN-mm
2	2000.	Qs	0.	0.	0.
2	2200.	Qs	0.	0.	0.
2	2200.	Qs	0.	0.	0.
2	2400.	Qs	0.	0.	0.
2	2400.	Qs	0.	0.	0.
2	2600.	Qs	0.	0.	-1.003E-20
2	2600.	Qs	0.	0.	0.
2	2800.	Qs	0.	0.	0.
2	2800.	Qs	0.	0.	0.
2	3000.	Qs	0.	0.	0.
2	3000.	Qs	0.	0.	0.
2	3200.	Qs	0.	0.	0.
2	3200.	Qs	0.	0.	0.
2	3400.	Qs	0.	0.	0.
2	3400.	Qs	0.	0.	0.
2	3600.	Qs	0.	0.	0.
2	3600.	Qs	0.	0.	0.
2	3800.	Qs	0.	0.	0.
2	3800.	Qs	0.	0.	0.
2	4000.	Qs	0.	0.	0.
2	0.	T+	0.	0.	0.
2	200.	T+	0.	0.	0.
2	200.	T+	0.	0.	0.
2	400.	T+	0.	0.	0.
2	400.	T+	0.	0.	0.
2	600.	T+	0.	0.	0.
2	600.	T+	0.	0.	0.
2	800.	T+	0.	0.	0.
2	800.	T+	0.	0.	0.
2	1000.	T+	0.	0.	0.
2	1000.	T+	0.	0.	0.
2	1200.	T+	0.	0.	0.
2	1200.	T+	0.	0.	0.
2	1400.	T+	0.	0.	0.
2	1400.	T+	0.	0.	0.
2	1600.	T+	0.	0.	0.
2	1600.	T+	0.	0.	0.
2	1800.	T+	0.	0.	0.
2	1800.	T+	0.	0.	0.
2	2000.	T+	0.	0.	0.
2	2000.	T+	0.	0.	0.
2	2200.	T+	0.	0.	0.
2	2200.	T+	0.	0.	0.
2	2400.	T+	0.	0.	0.
2	2400.	T+	0.	0.	0.
2	2600.	T+	0.	0.	0.
2	2600.	T+	0.	0.	0.
2	2800.	T+	0.	0.	0.
2	2800.	T+	0.	0.	0.
2	3000.	T+	0.	0.	0.
2	3000.	T+	0.	0.	0.
2	3200.	T+	0.	0.	0.
2	3200.	T+	0.	0.	0.
2	3400.	T+	0.	0.	0.

Table 26: Element Forces - Frames, Part 2 of 2

Frame	Station	OutputCase	T	M2	M3
	mm		KN-mm	KN-mm	KN-mm
2	3400.	T+	0.	0.	0.
2	3600.	T+	0.	0.	0.
2	3600.	T+	0.	0.	0.
2	3800.	T+	0.	0.	0.
2	3800.	T+	0.	0.	0.
2	4000.	T+	0.	0.	0.
2	0.	T-	0.	0.	0.
2	200.	T-	0.	0.	0.
2	200.	T-	0.	0.	0.
2	400.	T-	0.	0.	0.
2	400.	T-	0.	0.	0.
2	600.	T-	0.	0.	0.
2	600.	T-	0.	0.	0.
2	800.	T-	0.	0.	0.
2	800.	T-	0.	0.	0.
2	1000.	T-	0.	0.	0.
2	1000.	T-	0.	0.	0.
2	1200.	T-	0.	0.	0.
2	1200.	T-	0.	0.	0.
2	1400.	T-	0.	0.	0.
2	1400.	T-	0.	0.	0.
2	1600.	T-	0.	0.	0.
2	1600.	T-	0.	0.	0.
2	1800.	T-	0.	0.	0.
2	1800.	T-	0.	0.	0.
2	2000.	T-	0.	0.	0.
2	2000.	T-	0.	0.	0.
2	2200.	T-	0.	0.	0.
2	2200.	T-	0.	0.	0.
2	2400.	T-	0.	0.	0.
2	2400.	T-	0.	0.	0.
2	2600.	T-	0.	0.	0.
2	2600.	T-	0.	0.	0.
2	2800.	T-	0.	0.	0.
2	2800.	T-	0.	0.	0.
2	3000.	T-	0.	0.	0.
2	3000.	T-	0.	0.	0.
2	3200.	T-	0.	0.	0.
2	3200.	T-	0.	0.	0.
2	3400.	T-	0.	0.	0.
2	3400.	T-	0.	0.	0.
2	3600.	T-	0.	0.	0.
2	3600.	T-	0.	0.	0.
2	3800.	T-	0.	0.	0.
2	3800.	T-	0.	0.	0.
2	4000.	T-	0.	0.	0.
2	0.	W	2.190E-12	0.	6.994E-12
2	200.	W	2.190E-12	0.	1.252E-11
2	200.	W	2.245E-13	0.	1.171E-11
2	400.	W	2.245E-13	0.	1.216E-11
2	400.	W	-1.474E-12	0.	1.212E-11
2	600.	W	-1.474E-12	0.	1.096E-11
2	600.	W	-2.912E-12	0.	1.101E-11
2	800.	W	-2.912E-12	0.	8.012E-12

Table 26: Element Forces - Frames, Part 2 of 2

Frame	Station	OutputCase	T	M2	M3
	mm		KN-mm	KN-mm	KN-mm
2	800.	W	-4.382E-12	0.	8.352E-12
2	1000.	W	-4.382E-12	0.	3.267E-12
2	1000.	W	4.597E-12	0.	2.348E-12
2	1200.	W	4.597E-12	0.	2.299E-11
2	1200.	W	-6.005E-12	0.	2.299E-11
2	1400.	W	-6.005E-12	0.	-1.026E-12
2	1400.	W	3.005E-12	0.	-1.094E-13
2	1600.	W	3.005E-12	0.	1.735E-12
2	1600.	W	1.617E-12	0.	1.389E-12
2	1800.	W	1.617E-12	0.	1.435E-12
2	1800.	W	3.073E-13	0.	1.381E-12
2	2000.	W	3.073E-13	0.	-8.944E-14
2	2000.	W	-1.210E-12	0.	-8.652E-14
2	2200.	W	-1.210E-12	0.	-2.279E-12
2	2200.	W	-2.716E-12	0.	-2.282E-12
2	2400.	W	-2.716E-12	0.	-5.162E-12
2	2400.	W	-3.991E-12	0.	-5.108E-12
2	2600.	W	-3.991E-12	0.	-9.396E-12
2	2600.	W	-5.325E-12	0.	-9.050E-12
2	2800.	W	-5.325E-12	0.	-1.495E-11
2	2800.	W	3.753E-12	0.	-1.587E-11
2	3000.	W	3.753E-12	0.	4.355E-12
2	3000.	W	-6.773E-12	0.	4.355E-12
2	3200.	W	-6.773E-12	0.	-1.971E-11
2	3200.	W	2.292E-12	0.	-1.879E-11
2	3400.	W	2.292E-12	0.	-1.666E-11
2	3400.	W	9.368E-13	0.	-1.700E-11
2	3600.	W	9.368E-13	0.	-1.635E-11
2	3600.	W	-2.837E-13	0.	-1.640E-11
2	3800.	W	-2.837E-13	0.	-1.698E-11
2	3800.	W	-1.520E-12	0.	-1.697E-11
2	4000.	W	-1.520E-12	0.	-1.824E-11
2	0.	Qm-1	3.341E-13	0.	-40.
2	200.	Qm-1	3.341E-13	0.	-40.
2	200.	Qm-1	3.341E-13	0.	-40.
2	400.	Qm-1	3.341E-13	0.	-40.
2	400.	Qm-1	2.483E-13	0.	-40.
2	600.	Qm-1	2.483E-13	0.	-40.
2	600.	Qm-1	1.060E-13	0.	-40.
2	800.	Qm-1	1.060E-13	0.	-40.
2	800.	Qm-1	-6.561E-14	0.	-40.
2	1000.	Qm-1	-6.561E-14	0.	-40.
2	1000.	Qm-1	-2.487E-13	0.	-40.
2	1200.	Qm-1	-2.487E-13	0.	-40.
2	1200.	Qm-1	-4.327E-13	0.	-40.
2	1400.	Qm-1	-4.327E-13	0.	-40.
2	1400.	Qm-1	-6.120E-13	0.	-40.
2	1600.	Qm-1	-6.120E-13	0.	-40.
2	1600.	Qm-1	-7.838E-13	0.	-40.
2	1800.	Qm-1	-7.838E-13	0.	-40.
2	1800.	Qm-1	-9.478E-13	0.	-40.
2	2000.	Qm-1	-9.478E-13	0.	-40.
2	2000.	Qm-1	-1.105E-12	0.	-40.
2	2200.	Qm-1	-1.105E-12	0.	-40.

Table 26: Element Forces - Frames, Part 2 of 2

Frame	Station	OutputCase	T	M2	M3
	mm		KN-mm	KN-mm	KN-mm
2	2200.	Qm-1	-1.256E-12	0.	-40.
2	2400.	Qm-1	-1.256E-12	0.	-40.
2	2400.	Qm-1	-1.401E-12	0.	-40.
2	2600.	Qm-1	-1.401E-12	0.	-40.
2	2600.	Qm-1	-1.542E-12	0.	-40.
2	2800.	Qm-1	-1.542E-12	0.	-40.
2	2800.	Qm-1	-1.676E-12	0.	-40.
2	3000.	Qm-1	-1.676E-12	0.	-40.
2	3000.	Qm-1	-1.797E-12	0.	-40.
2	3200.	Qm-1	-1.797E-12	0.	-40.
2	3200.	Qm-1	-1.896E-12	0.	-40.
2	3400.	Qm-1	-1.896E-12	0.	-40.
2	3400.	Qm-1	-1.953E-12	0.	-40.
2	3600.	Qm-1	-1.953E-12	0.	-40.
2	3600.	Qm-1	-1.940E-12	0.	-40.
2	3800.	Qm-1	-1.940E-12	0.	-40.
2	3800.	Qm-1	-1.823E-12	0.	-40.
2	4000.	Qm-1	-1.823E-12	0.	-40.
2	0.	Qm-2	-3.825E-13	0.	3.660E-13
2	200.	Qm-2	-3.825E-13	0.	2.209E-12
2	200.	Qm-2	-4.775E-13	0.	2.209E-12
2	400.	Qm-2	-4.775E-13	0.	1.704E-13
2	400.	Qm-2	-5.492E-13	0.	2.243E-13
2	600.	Qm-2	-5.492E-13	0.	-2.444E-13
2	600.	Qm-2	-5.771E-13	0.	-2.657E-13
2	800.	Qm-2	-5.771E-13	0.	-7.448E-13
2	800.	Qm-2	-5.618E-13	0.	-7.455E-13
2	1000.	Qm-2	-5.618E-13	0.	-1.131E-12
2	1000.	Qm-2	-5.151E-13	0.	-1.131E-12
2	1200.	Qm-2	-5.151E-13	0.	-1.434E-12
2	1200.	Qm-2	-4.474E-13	0.	-1.434E-12
2	1400.	Qm-2	-4.474E-13	0.	-1.661E-12
2	1400.	Qm-2	-3.658E-13	0.	-1.662E-12
2	1600.	Qm-2	-3.658E-13	0.	-1.818E-12
2	1600.	Qm-2	-2.752E-13	0.	-1.818E-12
2	1800.	Qm-2	-2.752E-13	0.	-1.906E-12
2	1800.	Qm-2	-1.791E-13	0.	-1.906E-12
2	2000.	Qm-2	-1.791E-13	0.	-1.928E-12
2	2000.	Qm-2	-8.061E-14	0.	-1.928E-12
2	2200.	Qm-2	-8.061E-14	0.	-1.885E-12
2	2200.	Qm-2	1.746E-14	0.	-1.885E-12
2	2400.	Qm-2	1.746E-14	0.	-1.776E-12
2	2400.	Qm-2	1.121E-13	0.	-1.776E-12
2	2600.	Qm-2	1.121E-13	0.	-1.600E-12
2	2600.	Qm-2	1.995E-13	0.	-1.600E-12
2	2800.	Qm-2	1.995E-13	0.	-1.355E-12
2	2800.	Qm-2	2.748E-13	0.	-1.355E-12
2	3000.	Qm-2	2.748E-13	0.	-1.036E-12
2	3000.	Qm-2	3.308E-13	0.	-1.036E-12
2	3200.	Qm-2	3.308E-13	0.	-6.351E-13
2	3200.	Qm-2	3.571E-13	0.	-6.344E-13
2	3400.	Qm-2	3.571E-13	0.	-1.411E-13
2	3400.	Qm-2	3.418E-13	0.	-1.199E-13
2	3600.	Qm-2	3.418E-13	0.	3.638E-13

Table 26: Element Forces - Frames, Part 2 of 2

Frame	Station	OutputCase	T	M2	M3
	mm		KN-mm	KN-mm	KN-mm
2	3600.	Qm-2	2.845E-13	0.	3.098E-13
2	3800.	Qm-2	2.845E-13	0.	2.366E-12
2	3800.	Qm-2	2.049E-13	0.	2.366E-12
2	4000.	Qm-2	2.049E-13	0.	5.477E-13
3	0.	DEAD	0.	0.	0.
3	200.	DEAD	0.	0.	0.
3	200.	DEAD	0.	0.	0.
3	400.	DEAD	0.	0.	0.
3	400.	DEAD	0.	0.	0.
3	600.	DEAD	0.	0.	0.
3	600.	DEAD	0.	0.	0.
3	800.	DEAD	0.	0.	0.
3	800.	DEAD	0.	0.	0.
3	1000.	DEAD	0.	0.	0.
3	1000.	DEAD	0.	0.	0.
3	1200.	DEAD	0.	0.	0.
3	1200.	DEAD	0.	0.	0.
3	1400.	DEAD	0.	0.	0.
3	1400.	DEAD	0.	0.	0.
3	1600.	DEAD	0.	0.	0.
3	1600.	DEAD	0.	0.	0.
3	1800.	DEAD	0.	0.	0.
3	1800.	DEAD	0.	0.	0.
3	2000.	DEAD	0.	0.	0.
3	2000.	DEAD	0.	0.	0.
3	2200.	DEAD	0.	0.	0.
3	2200.	DEAD	0.	0.	0.
3	2400.	DEAD	0.	0.	0.
3	2400.	DEAD	0.	0.	0.
3	2600.	DEAD	0.	0.	0.
3	2600.	DEAD	0.	0.	0.
3	2800.	DEAD	0.	0.	0.
3	0.	G1	-8.167E-20	0.	-8.331E-07
3	200.	G1	-8.167E-20	0.	-8.331E-07
3	200.	G1	-8.479E-20	0.	-8.331E-07
3	400.	G1	-8.479E-20	0.	-8.331E-07
3	400.	G1	-8.279E-20	0.	-8.331E-07
3	600.	G1	-8.279E-20	0.	-8.331E-07
3	600.	G1	-7.557E-20	0.	-8.331E-07
3	800.	G1	-7.557E-20	0.	-8.331E-07
3	800.	G1	-7.049E-20	0.	-8.331E-07
3	1000.	G1	-7.049E-20	0.	-8.331E-07
3	1000.	G1	-5.091E-20	0.	-8.331E-07
3	1200.	G1	-5.091E-20	0.	-8.331E-07
3	1200.	G1	-4.684E-20	0.	-8.331E-07
3	1400.	G1	-4.684E-20	0.	-8.331E-07
3	1400.	G1	-4.113E-20	0.	-8.331E-07
3	1600.	G1	-4.113E-20	0.	-8.331E-07
3	1600.	G1	-3.178E-20	0.	-8.331E-07
3	1800.	G1	-3.178E-20	0.	-8.331E-07
3	1800.	G1	-3.409E-20	0.	-8.331E-07
3	2000.	G1	-3.409E-20	0.	-8.331E-07
3	2000.	G1	-2.784E-20	0.	-8.331E-07
3	2200.	G1	-2.784E-20	0.	-8.331E-07

Table 26: Element Forces - Frames, Part 2 of 2

Frame	Station	OutputCase	T	M2	M3
	mm		KN-mm	KN-mm	KN-mm
3	2200.	G1	-2.220E-20	0.	-8.331E-07
3	2400.	G1	-2.220E-20	0.	-8.331E-07
3	2400.	G1	-1.676E-20	0.	-8.331E-07
3	2600.	G1	-1.676E-20	0.	-8.331E-07
3	2600.	G1	-1.489E-20	0.	-8.331E-07
3	2800.	G1	-1.489E-20	0.	-8.331E-07
3	0.	G2	4.458E-15	0.	-2.245E-12
3	200.	G2	4.458E-15	0.	-2.574E-12
3	200.	G2	6.597E-15	0.	-2.574E-12
3	400.	G2	6.597E-15	0.	-2.853E-12
3	400.	G2	6.687E-15	0.	-2.853E-12
3	600.	G2	6.687E-15	0.	-3.079E-12
3	600.	G2	5.642E-15	0.	-3.079E-12
3	800.	G2	5.642E-15	0.	-3.249E-12
3	800.	G2	3.997E-15	0.	-3.249E-12
3	1000.	G2	3.997E-15	0.	-3.363E-12
3	1000.	G2	2.058E-15	0.	-3.363E-12
3	1200.	G2	2.058E-15	0.	-3.420E-12
3	1200.	G2	0.	0.	-3.420E-12
3	1400.	G2	0.	0.	-3.420E-12
3	1400.	G2	-2.058E-15	0.	-3.420E-12
3	1600.	G2	-2.058E-15	0.	-3.363E-12
3	1600.	G2	-3.997E-15	0.	-3.363E-12
3	1800.	G2	-3.997E-15	0.	-3.249E-12
3	1800.	G2	-5.642E-15	0.	-3.249E-12
3	2000.	G2	-5.642E-15	0.	-3.079E-12
3	2000.	G2	-6.687E-15	0.	-3.079E-12
3	2200.	G2	-6.687E-15	0.	-2.853E-12
3	2200.	G2	-6.597E-15	0.	-2.853E-12
3	2400.	G2	-6.597E-15	0.	-2.574E-12
3	2400.	G2	-4.458E-15	0.	-2.574E-12
3	2600.	G2	-4.458E-15	0.	-2.245E-12
3	2600.	G2	1.274E-15	0.	-2.244E-12
3	2800.	G2	1.274E-15	0.	-1.868E-12
3	0.	Qm	-2.199E-12	0.	7.565E-12
3	200.	Qm	-2.199E-12	0.	1.024E-11
3	200.	Qm	-2.094E-12	0.	1.024E-11
3	400.	Qm	-2.094E-12	0.	1.234E-11
3	400.	Qm	-1.932E-12	0.	1.234E-11
3	600.	Qm	-1.932E-12	0.	1.396E-11
3	600.	Qm	-1.766E-12	0.	1.396E-11
3	800.	Qm	-1.766E-12	0.	1.516E-11
3	800.	Qm	-1.605E-12	0.	1.516E-11
3	1000.	Qm	-1.605E-12	0.	1.598E-11
3	1000.	Qm	-1.449E-12	0.	1.598E-11
3	1200.	Qm	-1.449E-12	0.	1.645E-11
3	1200.	Qm	-1.294E-12	0.	1.645E-11
3	1400.	Qm	-1.294E-12	0.	1.657E-11
3	1400.	Qm	-1.139E-12	0.	1.657E-11
3	1600.	Qm	-1.139E-12	0.	1.634E-11
3	1600.	Qm	-9.780E-13	0.	1.634E-11
3	1800.	Qm	-9.780E-13	0.	1.576E-11
3	1800.	Qm	-8.090E-13	0.	1.576E-11
3	2000.	Qm	-8.090E-13	0.	1.482E-11

Table 26: Element Forces - Frames, Part 2 of 2

Frame	Station	OutputCase	T	M2	M3
	mm		KN-mm	KN-mm	KN-mm
3	2000.	Qm	-6.271E-13	0.	1.482E-11
3	2200.	Qm	-6.271E-13	0.	1.350E-11
3	2200.	Qm	-4.294E-13	0.	1.350E-11
3	2400.	Qm	-4.294E-13	0.	1.175E-11
3	2400.	Qm	-2.221E-13	0.	1.175E-11
3	2600.	Qm	-2.221E-13	0.	9.520E-12
3	2600.	Qm	-5.461E-14	0.	9.522E-12
3	2800.	Qm	-5.461E-14	0.	6.732E-12
3	0.	Qs	0.	0.	0.
3	200.	Qs	0.	0.	-1.088E-20
3	200.	Qs	0.	0.	0.
3	400.	Qs	0.	0.	-1.088E-20
3	400.	Qs	0.	0.	-1.207E-20
3	600.	Qs	0.	0.	-1.339E-20
3	600.	Qs	0.	0.	-1.271E-20
3	800.	Qs	0.	0.	-1.138E-20
3	800.	Qs	0.	0.	-1.207E-20
3	1000.	Qs	0.	0.	-1.207E-20
3	1000.	Qs	0.	0.	-1.249E-20
3	1200.	Qs	0.	0.	-1.051E-20
3	1200.	Qs	0.	0.	-1.122E-20
3	1400.	Qs	0.	0.	0.
3	1400.	Qs	0.	0.	0.
3	1600.	Qs	0.	0.	0.
3	1600.	Qs	0.	0.	0.
3	1800.	Qs	0.	0.	0.
3	1800.	Qs	0.	0.	0.
3	2000.	Qs	0.	0.	0.
3	2000.	Qs	0.	0.	0.
3	2200.	Qs	0.	0.	0.
3	2200.	Qs	0.	0.	0.
3	2400.	Qs	0.	0.	0.
3	2400.	Qs	0.	0.	0.
3	2600.	Qs	0.	0.	0.
3	2600.	Qs	0.	0.	0.
3	2800.	Qs	0.	0.	0.
3	0.	T+	0.	0.	0.
3	200.	T+	0.	0.	0.
3	200.	T+	0.	0.	0.
3	400.	T+	0.	0.	0.
3	400.	T+	0.	0.	0.
3	600.	T+	0.	0.	0.
3	600.	T+	0.	0.	0.
3	800.	T+	0.	0.	0.
3	800.	T+	0.	0.	0.
3	1000.	T+	0.	0.	0.
3	1000.	T+	0.	0.	0.
3	1200.	T+	0.	0.	0.
3	1200.	T+	0.	0.	0.
3	1400.	T+	0.	0.	0.
3	1400.	T+	0.	0.	0.
3	1600.	T+	0.	0.	0.
3	1600.	T+	0.	0.	0.
3	1800.	T+	0.	0.	0.

Table 26: Element Forces - Frames, Part 2 of 2

Frame	Station	OutputCase	T	M2	M3
	mm		KN-mm	KN-mm	KN-mm
3	1800.	T+	0.	0.	0.
3	2000.	T+	0.	0.	0.
3	2000.	T+	0.	0.	0.
3	2200.	T+	0.	0.	0.
3	2200.	T+	0.	0.	0.
3	2400.	T+	0.	0.	0.
3	2400.	T+	0.	0.	0.
3	2600.	T+	0.	0.	0.
3	2600.	T+	0.	0.	0.
3	2800.	T+	0.	0.	0.
3	0.	T-	0.	0.	0.
3	200.	T-	0.	0.	0.
3	200.	T-	0.	0.	0.
3	400.	T-	0.	0.	0.
3	400.	T-	0.	0.	0.
3	600.	T-	0.	0.	0.
3	600.	T-	0.	0.	0.
3	800.	T-	0.	0.	0.
3	800.	T-	0.	0.	0.
3	1000.	T-	0.	0.	0.
3	1000.	T-	0.	0.	0.
3	1200.	T-	0.	0.	0.
3	1200.	T-	0.	0.	0.
3	1400.	T-	0.	0.	0.
3	1400.	T-	0.	0.	0.
3	1600.	T-	0.	0.	0.
3	1600.	T-	0.	0.	0.
3	1800.	T-	0.	0.	0.
3	1800.	T-	0.	0.	0.
3	2000.	T-	0.	0.	0.
3	2000.	T-	0.	0.	0.
3	2200.	T-	0.	0.	0.
3	2200.	T-	0.	0.	0.
3	2400.	T-	0.	0.	0.
3	2400.	T-	0.	0.	0.
3	2600.	T-	0.	0.	0.
3	2600.	T-	0.	0.	0.
3	2800.	T-	0.	0.	0.
3	0.	W	-5.749E-14	0.	1.120E-11
3	200.	W	-5.749E-14	0.	9.546E-12
3	200.	W	3.442E-15	0.	9.545E-12
3	400.	W	3.442E-15	0.	7.737E-12
3	400.	W	5.551E-14	0.	7.736E-12
3	600.	W	5.551E-14	0.	5.797E-12
3	600.	W	1.012E-13	0.	5.796E-12
3	800.	W	1.012E-13	0.	3.759E-12
3	800.	W	1.420E-13	0.	3.758E-12
3	1000.	W	1.420E-13	0.	1.655E-12
3	1000.	W	1.783E-13	0.	1.655E-12
3	1200.	W	1.783E-13	0.	-4.848E-13
3	1200.	W	2.103E-13	0.	-4.850E-13
3	1400.	W	2.103E-13	0.	-2.631E-12
3	1400.	W	2.384E-13	0.	-2.631E-12
3	1600.	W	2.384E-13	0.	-4.755E-12

Table 26: Element Forces - Frames, Part 2 of 2

Frame	Station	OutputCase	T	M2	M3
	mm		KN-mm	KN-mm	KN-mm
3	1600.	W	2.636E-13	0.	-4.755E-12
3	1800.	W	2.636E-13	0.	-6.828E-12
3	1800.	W	2.873E-13	0.	-6.828E-12
3	2000.	W	2.873E-13	0.	-8.820E-12
3	2000.	W	3.113E-13	0.	-8.821E-12
3	2200.	W	3.113E-13	0.	-1.070E-11
3	2200.	W	3.367E-13	0.	-1.070E-11
3	2400.	W	3.367E-13	0.	-1.243E-11
3	2400.	W	3.642E-13	0.	-1.243E-11
3	2600.	W	3.642E-13	0.	-1.400E-11
3	2600.	W	3.852E-13	0.	-1.400E-11
3	2800.	W	3.852E-13	0.	-1.542E-11
3	0.	Qm-1	-2.009E-12	0.	-30.
3	200.	Qm-1	-2.009E-12	0.	-30.
3	200.	Qm-1	-2.043E-12	0.	-30.
3	400.	Qm-1	-2.043E-12	0.	-30.
3	400.	Qm-1	-1.986E-12	0.	-30.
3	600.	Qm-1	-1.986E-12	0.	-30.
3	600.	Qm-1	-1.865E-12	0.	-30.
3	800.	Qm-1	-1.865E-12	0.	-30.
3	800.	Qm-1	-1.705E-12	0.	-30.
3	1000.	Qm-1	-1.705E-12	0.	-30.
3	1000.	Qm-1	-1.523E-12	0.	-30.
3	1200.	Qm-1	-1.523E-12	0.	-30.
3	1200.	Qm-1	-1.330E-12	0.	-30.
3	1400.	Qm-1	-1.330E-12	0.	-30.
3	1400.	Qm-1	-1.133E-12	0.	-30.
3	1600.	Qm-1	-1.133E-12	0.	-30.
3	1600.	Qm-1	-9.407E-13	0.	-30.
3	1800.	Qm-1	-9.407E-13	0.	-30.
3	1800.	Qm-1	-7.606E-13	0.	-30.
3	2000.	Qm-1	-7.606E-13	0.	-30.
3	2000.	Qm-1	-6.033E-13	0.	-30.
3	2200.	Qm-1	-6.033E-13	0.	-30.
3	2200.	Qm-1	-4.841E-13	0.	-30.
3	2400.	Qm-1	-4.841E-13	0.	-30.
3	2400.	Qm-1	-4.227E-13	0.	-30.
3	2600.	Qm-1	-4.227E-13	0.	-30.
3	2600.	Qm-1	-4.338E-13	0.	-30.
3	2800.	Qm-1	-4.338E-13	0.	-30.
3	0.	Qm-2	-7.284E-13	0.	8.591E-13
3	200.	Qm-2	-7.284E-13	0.	-1.739E-13
3	200.	Qm-2	-6.554E-13	0.	-1.463E-13
3	400.	Qm-2	-6.554E-13	0.	-2.985E-13
3	400.	Qm-2	-5.800E-13	0.	-3.085E-13
3	600.	Qm-2	-5.800E-13	0.	-3.622E-13
3	600.	Qm-2	-5.015E-13	0.	-3.620E-13
3	800.	Qm-2	-5.015E-13	0.	-2.595E-13
3	800.	Qm-2	-4.076E-13	0.	-2.488E-13
3	1000.	Qm-2	-4.076E-13	0.	-4.274E-14
3	1000.	Qm-2	-2.887E-13	0.	-6.948E-14
3	1200.	Qm-2	-2.887E-13	0.	1.032E-12
3	1200.	Qm-2	-1.463E-13	0.	1.043E-12
3	1400.	Qm-2	-1.463E-13	0.	2.640E-13

Table 26: Element Forces - Frames, Part 2 of 2

Frame	Station	OutputCase	T	M2	M3
	mm		KN-mm	KN-mm	KN-mm
3	1400.	Qm-2	4.776E-15	0.	2.639E-13
3	1600.	Qm-2	4.776E-15	0.	1.119E-12
3	1600.	Qm-2	1.450E-13	0.	1.108E-12
3	1800.	Qm-2	1.450E-13	0.	8.348E-14
3	1800.	Qm-2	2.587E-13	0.	1.101E-13
3	2000.	Qm-2	2.587E-13	0.	-1.624E-14
3	2000.	Qm-2	3.420E-13	0.	-2.701E-14
3	2200.	Qm-2	3.420E-13	0.	-4.715E-14
3	2200.	Qm-2	3.994E-13	0.	-4.735E-14
3	2400.	Qm-2	3.994E-13	0.	8.635E-14
3	2400.	Qm-2	4.343E-13	0.	9.692E-14
3	2600.	Qm-2	4.343E-13	0.	3.062E-13
3	2600.	Qm-2	4.423E-13	0.	2.795E-13
3	2800.	Qm-2	4.423E-13	0.	1.309E-12
4	0.	DEAD	0.	0.	0.
4	200.	DEAD	0.	0.	0.
4	200.	DEAD	0.	0.	0.
4	400.	DEAD	0.	0.	0.
4	400.	DEAD	0.	0.	0.
4	600.	DEAD	0.	0.	0.
4	600.	DEAD	0.	0.	0.
4	800.	DEAD	0.	0.	0.
4	800.	DEAD	0.	0.	0.
4	1000.	DEAD	0.	0.	0.
4	1000.	DEAD	0.	0.	0.
4	1200.	DEAD	0.	0.	0.
4	1200.	DEAD	0.	0.	0.
4	1400.	DEAD	0.	0.	0.
4	1400.	DEAD	0.	0.	0.
4	1600.	DEAD	0.	0.	0.
4	1600.	DEAD	0.	0.	0.
4	1800.	DEAD	0.	0.	0.
4	1800.	DEAD	0.	0.	0.
4	2000.	DEAD	0.	0.	0.
4	2000.	DEAD	0.	0.	0.
4	2200.	DEAD	0.	0.	0.
4	2200.	DEAD	0.	0.	0.
4	2400.	DEAD	0.	0.	0.
4	2400.	DEAD	0.	0.	0.
4	2600.	DEAD	0.	0.	0.
4	2600.	DEAD	0.	0.	0.
4	2800.	DEAD	0.	0.	0.
4	0.	G1	-5.144E-20	0.	-8.331E-07
4	200.	G1	-5.144E-20	0.	-8.331E-07
4	200.	G1	-6.111E-20	0.	-8.331E-07
4	400.	G1	-6.111E-20	0.	-8.331E-07
4	400.	G1	-5.478E-20	0.	-8.331E-07
4	600.	G1	-5.478E-20	0.	-8.331E-07
4	600.	G1	-5.532E-20	0.	-8.331E-07
4	800.	G1	-5.532E-20	0.	-8.331E-07
4	800.	G1	-4.593E-20	0.	-8.331E-07
4	1000.	G1	-4.593E-20	0.	-8.331E-07
4	1000.	G1	-4.491E-20	0.	-8.331E-07
4	1200.	G1	-4.491E-20	0.	-8.331E-07

Table 26: Element Forces - Frames, Part 2 of 2

Frame	Station	OutputCase	T	M2	M3
	mm		KN-mm	KN-mm	KN-mm
4	1200.	G1	-4.498E-20	0.	-8.331E-07
4	1400.	G1	-4.498E-20	0.	-8.331E-07
4	1400.	G1	-3.876E-20	0.	-8.331E-07
4	1600.	G1	-3.876E-20	0.	-8.331E-07
4	1600.	G1	-4.235E-20	0.	-8.331E-07
4	1800.	G1	-4.235E-20	0.	-8.331E-07
4	1800.	G1	-3.283E-20	0.	-8.331E-07
4	2000.	G1	-3.283E-20	0.	-8.331E-07
4	2000.	G1	-3.764E-20	0.	-8.331E-07
4	2200.	G1	-3.764E-20	0.	-8.331E-07
4	2200.	G1	-3.411E-20	0.	-8.331E-07
4	2400.	G1	-3.411E-20	0.	-8.331E-07
4	2400.	G1	-3.571E-20	0.	-8.331E-07
4	2600.	G1	-3.571E-20	0.	-8.331E-07
4	2600.	G1	-3.756E-20	0.	-8.331E-07
4	2800.	G1	-3.756E-20	0.	-8.331E-07
4	0.	G2	1.944E-13	0.	-2.289E-12
4	200.	G2	1.944E-13	0.	-2.640E-12
4	200.	G2	1.617E-13	0.	-2.640E-12
4	400.	G2	1.617E-13	0.	-2.932E-12
4	400.	G2	1.293E-13	0.	-2.932E-12
4	600.	G2	1.293E-13	0.	-3.165E-12
4	600.	G2	9.706E-14	0.	-3.165E-12
4	800.	G2	9.706E-14	0.	-3.340E-12
4	800.	G2	6.475E-14	0.	-3.340E-12
4	1000.	G2	6.475E-14	0.	-3.457E-12
4	1000.	G2	3.239E-14	0.	-3.457E-12
4	1200.	G2	3.239E-14	0.	-3.515E-12
4	1200.	G2	0.	0.	-3.515E-12
4	1400.	G2	0.	0.	-3.515E-12
4	1400.	G2	-3.239E-14	0.	-3.515E-12
4	1600.	G2	-3.239E-14	0.	-3.457E-12
4	1600.	G2	-6.475E-14	0.	-3.457E-12
4	1800.	G2	-6.475E-14	0.	-3.340E-12
4	1800.	G2	-9.706E-14	0.	-3.340E-12
4	2000.	G2	-9.706E-14	0.	-3.165E-12
4	2000.	G2	-1.293E-13	0.	-3.165E-12
4	2200.	G2	-1.293E-13	0.	-2.932E-12
4	2200.	G2	-1.617E-13	0.	-2.932E-12
4	2400.	G2	-1.617E-13	0.	-2.640E-12
4	2400.	G2	-1.944E-13	0.	-2.640E-12
4	2600.	G2	-1.944E-13	0.	-2.289E-12
4	2600.	G2	-2.278E-13	0.	-2.289E-12
4	2800.	G2	-2.278E-13	0.	-1.879E-12
4	0.	Qm	-6.058E-14	0.	7.240E-12
4	200.	Qm	-6.058E-14	0.	9.972E-12
4	200.	Qm	-2.633E-13	0.	9.971E-12
4	400.	Qm	-2.633E-13	0.	1.216E-11
4	400.	Qm	-4.861E-13	0.	1.216E-11
4	600.	Qm	-4.861E-13	0.	1.389E-11
4	600.	Qm	-6.720E-13	0.	1.389E-11
4	800.	Qm	-6.720E-13	0.	1.519E-11
4	800.	Qm	-8.134E-13	0.	1.520E-11
4	1000.	Qm	-8.134E-13	0.	1.611E-11

Table 26: Element Forces - Frames, Part 2 of 2

Frame	Station	OutputCase	T	M2	M3
	mm		KN-mm	KN-mm	KN-mm
4	1000.	Qm	-9.167E-13	0.	1.611E-11
4	1200.	Qm	-9.167E-13	0.	1.665E-11
4	1200.	Qm	-9.931E-13	0.	1.665E-11
4	1400.	Qm	-9.931E-13	0.	1.681E-11
4	1400.	Qm	-1.055E-12	0.	1.681E-11
4	1600.	Qm	-1.055E-12	0.	1.660E-11
4	1600.	Qm	-1.115E-12	0.	1.660E-11
4	1800.	Qm	-1.115E-12	0.	1.602E-11
4	1800.	Qm	-1.186E-12	0.	1.602E-11
4	2000.	Qm	-1.186E-12	0.	1.507E-11
4	2000.	Qm	-1.277E-12	0.	1.507E-11
4	2200.	Qm	-1.277E-12	0.	1.372E-11
4	2200.	Qm	-1.395E-12	0.	1.372E-11
4	2400.	Qm	-1.395E-12	0.	1.195E-11
4	2400.	Qm	-1.533E-12	0.	1.195E-11
4	2600.	Qm	-1.533E-12	0.	9.724E-12
4	2600.	Qm	-1.634E-12	0.	9.724E-12
4	2800.	Qm	-1.634E-12	0.	6.959E-12
4	0.	Qs	0.	0.	0.
4	200.	Qs	0.	0.	-1.043E-20
4	200.	Qs	0.	0.	0.
4	400.	Qs	0.	0.	-1.040E-20
4	400.	Qs	0.	0.	-1.016E-20
4	600.	Qs	0.	0.	-1.149E-20
4	600.	Qs	0.	0.	-1.165E-20
4	800.	Qs	0.	0.	-1.297E-20
4	800.	Qs	0.	0.	-1.165E-20
4	1000.	Qs	0.	0.	-1.032E-20
4	1000.	Qs	0.	0.	-1.165E-20
4	1200.	Qs	0.	0.	0.
4	1200.	Qs	0.	0.	-1.016E-20
4	1400.	Qs	0.	0.	0.
4	1400.	Qs	0.	0.	0.
4	1600.	Qs	0.	0.	0.
4	1600.	Qs	0.	0.	0.
4	1800.	Qs	0.	0.	0.
4	1800.	Qs	0.	0.	0.
4	2000.	Qs	0.	0.	0.
4	2000.	Qs	0.	0.	0.
4	2200.	Qs	0.	0.	0.
4	2200.	Qs	0.	0.	0.
4	2400.	Qs	0.	0.	0.
4	2400.	Qs	0.	0.	0.
4	2600.	Qs	0.	0.	0.
4	2600.	Qs	0.	0.	0.
4	2800.	Qs	0.	0.	0.
4	0.	T+	0.	0.	0.
4	200.	T+	0.	0.	0.
4	200.	T+	0.	0.	0.
4	400.	T+	0.	0.	0.
4	400.	T+	0.	0.	0.
4	600.	T+	0.	0.	0.
4	600.	T+	0.	0.	0.
4	800.	T+	0.	0.	0.

Table 26: Element Forces - Frames, Part 2 of 2

Frame	Station	OutputCase	T	M2	M3
	mm		KN-mm	KN-mm	KN-mm
4	800.	T+	0.	0.	0.
4	1000.	T+	0.	0.	0.
4	1000.	T+	0.	0.	0.
4	1200.	T+	0.	0.	0.
4	1200.	T+	0.	0.	0.
4	1400.	T+	0.	0.	0.
4	1400.	T+	0.	0.	0.
4	1600.	T+	0.	0.	0.
4	1600.	T+	0.	0.	0.
4	1800.	T+	0.	0.	0.
4	1800.	T+	0.	0.	0.
4	2000.	T+	0.	0.	0.
4	2000.	T+	0.	0.	0.
4	2200.	T+	0.	0.	0.
4	2200.	T+	0.	0.	0.
4	2400.	T+	0.	0.	0.
4	2400.	T+	0.	0.	0.
4	2600.	T+	0.	0.	0.
4	2600.	T+	0.	0.	0.
4	2800.	T+	0.	0.	0.
4	0.	T-	0.	0.	0.
4	200.	T-	0.	0.	0.
4	200.	T-	0.	0.	0.
4	400.	T-	0.	0.	0.
4	400.	T-	0.	0.	0.
4	600.	T-	0.	0.	0.
4	600.	T-	0.	0.	0.
4	800.	T-	0.	0.	0.
4	800.	T-	0.	0.	0.
4	1000.	T-	0.	0.	0.
4	1000.	T-	0.	0.	0.
4	1200.	T-	0.	0.	0.
4	1200.	T-	0.	0.	0.
4	1400.	T-	0.	0.	0.
4	1400.	T-	0.	0.	0.
4	1600.	T-	0.	0.	0.
4	1600.	T-	0.	0.	0.
4	1800.	T-	0.	0.	0.
4	1800.	T-	0.	0.	0.
4	2000.	T-	0.	0.	0.
4	2000.	T-	0.	0.	0.
4	2200.	T-	0.	0.	0.
4	2200.	T-	0.	0.	0.
4	2400.	T-	0.	0.	0.
4	2400.	T-	0.	0.	0.
4	2600.	T-	0.	0.	0.
4	2600.	T-	0.	0.	0.
4	2800.	T-	0.	0.	0.
4	0.	W	5.792E-13	0.	1.164E-11
4	200.	W	5.792E-13	0.	9.971E-12
4	200.	W	6.029E-13	0.	9.971E-12
4	400.	W	6.029E-13	0.	8.106E-12
4	400.	W	6.396E-13	0.	8.107E-12
4	600.	W	6.396E-13	0.	6.110E-12

Table 26: Element Forces - Frames, Part 2 of 2

Frame	Station	OutputCase	T	M2	M3
	mm		KN-mm	KN-mm	KN-mm
4	600.	W	6.804E-13	0.	6.110E-12
4	800.	W	6.804E-13	0.	4.020E-12
4	800.	W	7.190E-13	0.	4.020E-12
4	1000.	W	7.190E-13	0.	1.868E-12
4	1000.	W	7.518E-13	0.	1.868E-12
4	1200.	W	7.518E-13	0.	-3.178E-13
4	1200.	W	7.769E-13	0.	-3.178E-13
4	1400.	W	7.769E-13	0.	-2.507E-12
4	1400.	W	7.942E-13	0.	-2.507E-12
4	1600.	W	7.942E-13	0.	-4.670E-12
4	1600.	W	8.045E-13	0.	-4.670E-12
4	1800.	W	8.045E-13	0.	-6.778E-12
4	1800.	W	8.106E-13	0.	-6.778E-12
4	2000.	W	8.106E-13	0.	-8.800E-12
4	2000.	W	8.169E-13	0.	-8.800E-12
4	2200.	W	8.169E-13	0.	-1.070E-11
4	2200.	W	8.307E-13	0.	-1.070E-11
4	2400.	W	8.307E-13	0.	-1.244E-11
4	2400.	W	8.622E-13	0.	-1.244E-11
4	2600.	W	8.622E-13	0.	-1.396E-11
4	2600.	W	9.180E-13	0.	-1.396E-11
4	2800.	W	9.180E-13	0.	-1.513E-11
4	0.	Qm-1	-5.583E-13	0.	-30.
4	200.	Qm-1	-5.583E-13	0.	-30.
4	200.	Qm-1	-6.710E-13	0.	-30.
4	400.	Qm-1	-6.710E-13	0.	-30.
4	400.	Qm-1	-7.958E-13	0.	-30.
4	600.	Qm-1	-7.958E-13	0.	-30.
4	600.	Qm-1	-9.076E-13	0.	-30.
4	800.	Qm-1	-9.076E-13	0.	-30.
4	800.	Qm-1	-9.915E-13	0.	-30.
4	1000.	Qm-1	-9.915E-13	0.	-30.
4	1000.	Qm-1	-1.046E-12	0.	-30.
4	1200.	Qm-1	-1.046E-12	0.	-30.
4	1200.	Qm-1	-1.077E-12	0.	-30.
4	1400.	Qm-1	-1.077E-12	0.	-30.
4	1400.	Qm-1	-1.096E-12	0.	-30.
4	1600.	Qm-1	-1.096E-12	0.	-30.
4	1600.	Qm-1	-1.115E-12	0.	-30.
4	1800.	Qm-1	-1.115E-12	0.	-30.
4	1800.	Qm-1	-1.143E-12	0.	-30.
4	2000.	Qm-1	-1.143E-12	0.	-30.
4	2000.	Qm-1	-1.185E-12	0.	-30.
4	2200.	Qm-1	-1.185E-12	0.	-30.
4	2200.	Qm-1	-1.237E-12	0.	-30.
4	2400.	Qm-1	-1.237E-12	0.	-30.
4	2400.	Qm-1	-1.283E-12	0.	-30.
4	2600.	Qm-1	-1.283E-12	0.	-30.
4	2600.	Qm-1	-1.294E-12	0.	-30.
4	2800.	Qm-1	-1.294E-12	0.	-30.
4	0.	Qm-2	-3.948E-13	0.	9.899E-13
4	200.	Qm-2	-3.948E-13	0.	7.896E-14
4	200.	Qm-2	-3.752E-13	0.	1.063E-13
4	400.	Qm-2	-3.752E-13	0.	4.957E-14

Table 26: Element Forces - Frames, Part 2 of 2

Frame	Station	OutputCase	T	M2	M3
	mm		KN-mm	KN-mm	KN-mm
4	400.	Qm-2	-3.275E-13	0.	3.926E-14
4	600.	Qm-2	-3.275E-13	0.	5.720E-14
4	600.	Qm-2	-2.604E-13	0.	5.729E-14
4	800.	Qm-2	-2.604E-13	0.	2.128E-13
4	800.	Qm-2	-1.914E-13	0.	2.234E-13
4	1000.	Qm-2	-1.914E-13	0.	4.662E-13
4	1000.	Qm-2	-1.348E-13	0.	4.395E-13
4	1200.	Qm-2	-1.348E-13	0.	1.561E-12
4	1200.	Qm-2	-9.429E-14	0.	1.572E-12
4	1400.	Qm-2	-9.429E-14	0.	7.938E-13
4	1400.	Qm-2	-6.161E-14	0.	7.938E-13
4	1600.	Qm-2	-6.161E-14	0.	1.628E-12
4	1600.	Qm-2	-2.440E-14	0.	1.618E-12
4	1800.	Qm-2	-2.440E-14	0.	5.501E-13
4	1800.	Qm-2	2.539E-14	0.	5.769E-13
4	2000.	Qm-2	2.539E-14	0.	3.824E-13
4	2000.	Qm-2	8.403E-14	0.	3.719E-13
4	2200.	Qm-2	8.403E-14	0.	2.555E-13
4	2200.	Qm-2	1.376E-13	0.	2.555E-13
4	2400.	Qm-2	1.376E-13	0.	2.639E-13
4	2400.	Qm-2	1.700E-13	0.	2.743E-13
4	2600.	Qm-2	1.700E-13	0.	3.413E-13
4	2600.	Qm-2	1.747E-13	0.	3.139E-13
4	2800.	Qm-2	1.747E-13	0.	1.218E-12

10. Area results

This section provides area results, including items such as forces and stresses.

Table 27: Element Forces - Area Shells, Part 1 of 3

Table 27: Element Forces - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	F11	F22	F12
				KN/mm	KN/mm	KN/mm
3	3	5	DEAD	0.	0.	0.
3	3	11	DEAD	0.	0.	0.
3	3	10	DEAD	0.	0.	0.
3	3	9	DEAD	0.	0.	0.
3	3	5	G1	0.	0.	0.
3	3	11	G1	0.	0.	0.
3	3	10	G1	0.	0.	0.
3	3	9	G1	0.	0.	0.
3	3	5	G2	0.	0.	0.
3	3	11	G2	0.	0.	0.
3	3	10	G2	0.	0.	0.
3	3	9	G2	0.	0.	0.
3	3	5	Qm	0.	0.	0.
3	3	11	Qm	0.	0.	0.
3	3	10	Qm	0.	0.	0.
3	3	9	Qm	0.	0.	0.
3	3	5	Qs	0.	0.	0.
3	3	11	Qs	0.	0.	0.

Table 27: Element Forces - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	F11	F22	F12
				KN/mm	KN/mm	KN/mm
3	3	10	Qs	0.	0.	0.
3	3	9	Qs	0.	0.	0.
3	3	5	T+	-0.88526	-0.88526	-8.043E-17
3	3	11	T+	-0.88526	-0.88526	-7.441E-16
3	3	10	T+	-0.88526	-0.88526	1.731E-16
3	3	9	T+	-0.88526	-0.88526	9.167E-16
3	3	5	T-	0.88526	0.88526	8.043E-17
3	3	11	T-	0.88526	0.88526	7.441E-16
3	3	10	T-	0.88526	0.88526	-1.731E-16
3	3	9	T-	0.88526	0.88526	-9.167E-16
3	3	5	W	0.	0.	0.
3	3	11	W	0.	0.	0.
3	3	10	W	0.	0.	0.
3	3	9	W	0.	0.	0.
3	3	5	Qm-1	0.	0.	0.
3	3	11	Qm-1	0.	0.	0.
3	3	10	Qm-1	0.	0.	0.
3	3	9	Qm-1	0.	0.	0.
3	3	5	Qm-2	0.	0.	0.
3	3	11	Qm-2	0.	0.	0.
3	3	10	Qm-2	0.	0.	0.
3	3	9	Qm-2	0.	0.	0.
4	4	11	DEAD	0.	0.	0.
4	4	13	DEAD	0.	0.	0.
4	4	12	DEAD	0.	0.	0.
4	4	10	DEAD	0.	0.	0.
4	4	11	G1	0.	0.	0.
4	4	13	G1	0.	0.	0.
4	4	12	G1	0.	0.	0.
4	4	10	G1	0.	0.	0.
4	4	11	G2	0.	0.	0.
4	4	13	G2	0.	0.	0.
4	4	12	G2	0.	0.	0.
4	4	10	G2	0.	0.	0.
4	4	11	Qm	0.	0.	0.
4	4	13	Qm	0.	0.	0.
4	4	12	Qm	0.	0.	0.
4	4	10	Qm	0.	0.	0.
4	4	11	Qs	0.	0.	0.
4	4	13	Qs	0.	0.	0.
4	4	12	Qs	0.	0.	0.
4	4	10	Qs	0.	0.	0.
4	4	11	T+	-0.88526	-0.88526	3.947E-17
4	4	13	T+	-0.88526	-0.88526	6.423E-16
4	4	12	T+	-0.88526	-0.88526	-1.307E-16
4	4	10	T+	-0.88526	-0.88526	-7.335E-16
4	4	11	T-	0.88526	0.88526	-3.947E-17
4	4	13	T-	0.88526	0.88526	-6.423E-16
4	4	12	T-	0.88526	0.88526	1.307E-16
4	4	10	T-	0.88526	0.88526	7.335E-16
4	4	11	W	0.	0.	0.
4	4	13	W	0.	0.	0.
4	4	12	W	0.	0.	0.
4	4	10	W	0.	0.	0.

Table 27: Element Forces - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	F11	F22	F12
				KN/mm	KN/mm	KN/mm
4	4	11	Qm-1	0.	0.	0.
4	4	13	Qm-1	0.	0.	0.
4	4	12	Qm-1	0.	0.	0.
4	4	10	Qm-1	0.	0.	0.
4	4	11	Qm-2	0.	0.	0.
4	4	13	Qm-2	0.	0.	0.
4	4	12	Qm-2	0.	0.	0.
4	4	10	Qm-2	0.	0.	0.
5	5	13	DEAD	0.	0.	0.
5	5	15	DEAD	0.	0.	0.
5	5	14	DEAD	0.	0.	0.
5	5	12	DEAD	0.	0.	0.
5	5	13	G1	0.	0.	0.
5	5	15	G1	0.	0.	0.
5	5	14	G1	0.	0.	0.
5	5	12	G1	0.	0.	0.
5	5	13	G2	0.	0.	0.
5	5	15	G2	0.	0.	0.
5	5	14	G2	0.	0.	0.
5	5	12	G2	0.	0.	0.
5	5	13	Qm	0.	0.	0.
5	5	15	Qm	0.	0.	0.
5	5	14	Qm	0.	0.	0.
5	5	12	Qm	0.	0.	0.
5	5	13	Qs	0.	0.	0.
5	5	15	Qs	0.	0.	0.
5	5	14	Qs	0.	0.	0.
5	5	12	Qs	0.	0.	0.
5	5	13	T+	-0.88526	-0.88526	-9.794E-17
5	5	15	T+	-0.88526	-0.88526	-1.804E-16
5	5	14	T+	-0.88526	-0.88526	1.611E-16
5	5	12	T+	-0.88526	-0.88526	3.635E-16
5	5	13	T-	0.88526	0.88526	9.794E-17
5	5	15	T-	0.88526	0.88526	1.804E-16
5	5	14	T-	0.88526	0.88526	-1.611E-16
5	5	12	T-	0.88526	0.88526	-3.635E-16
5	5	13	W	0.	0.	0.
5	5	15	W	0.	0.	0.
5	5	14	W	0.	0.	0.
5	5	12	W	0.	0.	0.
5	5	13	Qm-1	0.	0.	0.
5	5	15	Qm-1	0.	0.	0.
5	5	14	Qm-1	0.	0.	0.
5	5	12	Qm-1	0.	0.	0.
5	5	13	Qm-2	0.	0.	0.
5	5	15	Qm-2	0.	0.	0.
5	5	14	Qm-2	0.	0.	0.
5	5	12	Qm-2	0.	0.	0.
6	6	15	DEAD	0.	0.	0.
6	6	17	DEAD	0.	0.	0.
6	6	16	DEAD	0.	0.	0.
6	6	14	DEAD	0.	0.	0.
6	6	15	G1	0.	0.	0.
6	6	17	G1	0.	0.	0.

Table 27: Element Forces - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	F11	F22	F12
				KN/mm	KN/mm	KN/mm
6	6	16	G1	0.	0.	0.
6	6	14	G1	0.	0.	0.
6	6	15	G2	0.	0.	0.
6	6	17	G2	0.	0.	0.
6	6	16	G2	0.	0.	0.
6	6	14	G2	0.	0.	0.
6	6	15	Qm	0.	0.	0.
6	6	17	Qm	0.	0.	0.
6	6	16	Qm	0.	0.	0.
6	6	14	Qm	0.	0.	0.
6	6	15	Qs	0.	0.	0.
6	6	17	Qs	0.	0.	0.
6	6	16	Qs	0.	0.	0.
6	6	14	Qs	0.	0.	0.
6	6	15	T+	-0.88526	-0.88526	9.773E-17
6	6	17	T+	-0.88526	-0.88526	1.782E-17
6	6	16	T+	-0.88526	-0.88526	-3.461E-17
6	6	14	T+	-0.88526	-0.88526	1.653E-16
6	6	15	T-	0.88526	0.88526	-9.773E-17
6	6	17	T-	0.88526	0.88526	-1.782E-17
6	6	16	T-	0.88526	0.88526	3.461E-17
6	6	14	T-	0.88526	0.88526	-1.653E-16
6	6	15	W	0.	0.	0.
6	6	17	W	0.	0.	0.
6	6	16	W	0.	0.	0.
6	6	14	W	0.	0.	0.
6	6	15	Qm-1	0.	0.	0.
6	6	17	Qm-1	0.	0.	0.
6	6	16	Qm-1	0.	0.	0.
6	6	14	Qm-1	0.	0.	0.
6	6	15	Qm-2	0.	0.	0.
6	6	17	Qm-2	0.	0.	0.
6	6	16	Qm-2	0.	0.	0.
6	6	14	Qm-2	0.	0.	0.
7	7	17	DEAD	0.	0.	0.
7	7	19	DEAD	0.	0.	0.
7	7	18	DEAD	0.	0.	0.
7	7	16	DEAD	0.	0.	0.
7	7	17	G1	0.	0.	0.
7	7	19	G1	0.	0.	0.
7	7	18	G1	0.	0.	0.
7	7	16	G1	0.	0.	0.
7	7	17	G2	0.	0.	0.
7	7	19	G2	0.	0.	0.
7	7	18	G2	0.	0.	0.
7	7	16	G2	0.	0.	0.
7	7	17	Qm	0.	0.	0.
7	7	19	Qm	0.	0.	0.
7	7	18	Qm	0.	0.	0.
7	7	16	Qm	0.	0.	0.
7	7	17	Qs	0.	0.	0.
7	7	19	Qs	0.	0.	0.
7	7	18	Qs	0.	0.	0.
7	7	16	Qs	0.	0.	0.

Table 27: Element Forces - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	F11	F22	F12
				KN/mm	KN/mm	KN/mm
7	7	17	T+	-0.88526	-0.88526	-1.278E-16
7	7	19	T+	-0.88526	-0.88526	-2.124E-16
7	7	18	T+	-0.88526	-0.88526	1.910E-16
7	7	16	T+	-0.88526	-0.88526	3.955E-16
7	7	17	T-	0.88526	0.88526	1.278E-16
7	7	19	T-	0.88526	0.88526	2.124E-16
7	7	18	T-	0.88526	0.88526	-1.910E-16
7	7	16	T-	0.88526	0.88526	-3.955E-16
7	7	17	W	0.	0.	0.
7	7	19	W	0.	0.	0.
7	7	18	W	0.	0.	0.
7	7	16	W	0.	0.	0.
7	7	17	Qm-1	0.	0.	0.
7	7	19	Qm-1	0.	0.	0.
7	7	18	Qm-1	0.	0.	0.
7	7	16	Qm-1	0.	0.	0.
7	7	17	Qm-2	0.	0.	0.
7	7	19	Qm-2	0.	0.	0.
7	7	18	Qm-2	0.	0.	0.
7	7	16	Qm-2	0.	0.	0.
8	8	19	DEAD	0.	0.	0.
8	8	21	DEAD	0.	0.	0.
8	8	20	DEAD	0.	0.	0.
8	8	18	DEAD	0.	0.	0.
8	8	19	G1	0.	0.	0.
8	8	21	G1	0.	0.	0.
8	8	20	G1	0.	0.	0.
8	8	18	G1	0.	0.	0.
8	8	19	G2	0.	0.	0.
8	8	21	G2	0.	0.	0.
8	8	20	G2	0.	0.	0.
8	8	18	G2	0.	0.	0.
8	8	19	Qm	0.	0.	0.
8	8	21	Qm	0.	0.	0.
8	8	20	Qm	0.	0.	0.
8	8	18	Qm	0.	0.	0.
8	8	19	Qs	0.	0.	0.
8	8	21	Qs	0.	0.	0.
8	8	20	Qs	0.	0.	0.
8	8	18	Qs	0.	0.	0.
8	8	19	T+	-0.88526	-0.88526	8.178E-17
8	8	21	T+	-0.88526	-0.88526	-2.324E-17
8	8	20	T+	-0.88526	-0.88526	-1.866E-17
8	8	18	T+	-0.88526	-0.88526	2.063E-16
8	8	19	T-	0.88526	0.88526	-8.178E-17
8	8	21	T-	0.88526	0.88526	2.324E-17
8	8	20	T-	0.88526	0.88526	1.866E-17
8	8	18	T-	0.88526	0.88526	-2.063E-16
8	8	19	W	0.	0.	0.
8	8	21	W	0.	0.	0.
8	8	20	W	0.	0.	0.
8	8	18	W	0.	0.	0.
8	8	19	Qm-1	0.	0.	0.
8	8	21	Qm-1	0.	0.	0.

Table 27: Element Forces - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	F11	F22	F12
				KN/mm	KN/mm	KN/mm
8	8	20	Qm-1	0.	0.	0.
8	8	18	Qm-1	0.	0.	0.
8	8	19	Qm-2	0.	0.	0.
8	8	21	Qm-2	0.	0.	0.
8	8	20	Qm-2	0.	0.	0.
8	8	18	Qm-2	0.	0.	0.
9	9	21	DEAD	0.	0.	0.
9	9	23	DEAD	0.	0.	0.
9	9	22	DEAD	0.	0.	0.
9	9	20	DEAD	0.	0.	0.
9	9	21	G1	0.	0.	0.
9	9	23	G1	0.	0.	0.
9	9	22	G1	0.	0.	0.
9	9	20	G1	0.	0.	0.
9	9	21	G2	0.	0.	0.
9	9	23	G2	0.	0.	0.
9	9	22	G2	0.	0.	0.
9	9	20	G2	0.	0.	0.
9	9	21	Qm	0.	0.	0.
9	9	23	Qm	0.	0.	0.
9	9	22	Qm	0.	0.	0.
9	9	20	Qm	0.	0.	0.
9	9	21	Qs	0.	0.	0.
9	9	23	Qs	0.	0.	0.
9	9	22	Qs	0.	0.	0.
9	9	20	Qs	0.	0.	0.
9	9	21	T+	-0.88526	-0.88526	-1.989E-16
9	9	23	T+	-0.88526	-0.88526	-1.411E-15
9	9	22	T+	-0.88526	-0.88526	3.040E-16
9	9	20	T+	-0.88526	-0.88526	1.556E-15
9	9	21	T-	0.88526	0.88526	1.989E-16
9	9	23	T-	0.88526	0.88526	1.411E-15
9	9	22	T-	0.88526	0.88526	-3.040E-16
9	9	20	T-	0.88526	0.88526	-1.556E-15
9	9	21	W	0.	0.	0.
9	9	23	W	0.	0.	0.
9	9	22	W	0.	0.	0.
9	9	20	W	0.	0.	0.
9	9	21	Qm-1	0.	0.	0.
9	9	23	Qm-1	0.	0.	0.
9	9	22	Qm-1	0.	0.	0.
9	9	20	Qm-1	0.	0.	0.
9	9	21	Qm-2	0.	0.	0.
9	9	23	Qm-2	0.	0.	0.
9	9	22	Qm-2	0.	0.	0.
9	9	20	Qm-2	0.	0.	0.
10	10	23	DEAD	0.	0.	0.
10	10	25	DEAD	0.	0.	0.
10	10	24	DEAD	0.	0.	0.
10	10	22	DEAD	0.	0.	0.
10	10	23	G1	0.	0.	0.
10	10	25	G1	0.	0.	0.
10	10	24	G1	0.	0.	0.
10	10	22	G1	0.	0.	0.

Table 27: Element Forces - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	F11	F22	F12
				KN/mm	KN/mm	KN/mm
10	10	23	G2	0.	0.	0.
10	10	25	G2	0.	0.	0.
10	10	24	G2	0.	0.	0.
10	10	22	G2	0.	0.	0.
10	10	23	Qm	0.	0.	0.
10	10	25	Qm	0.	0.	0.
10	10	24	Qm	0.	0.	0.
10	10	22	Qm	0.	0.	0.
10	10	23	Qs	0.	0.	0.
10	10	25	Qs	0.	0.	0.
10	10	24	Qs	0.	0.	0.
10	10	22	Qs	0.	0.	0.
10	10	23	T+	-0.88526	-0.88526	-1.500E-17
10	10	25	T+	-0.88526	-0.88526	-9.415E-16
10	10	24	T+	-0.88526	-0.88526	-1.286E-16
10	10	22	T+	-0.88526	-0.88526	7.179E-16
10	10	23	T-	0.88526	0.88526	1.500E-17
10	10	25	T-	0.88526	0.88526	9.415E-16
10	10	24	T-	0.88526	0.88526	1.286E-16
10	10	22	T-	0.88526	0.88526	-7.179E-16
10	10	23	W	0.	0.	0.
10	10	25	W	0.	0.	0.
10	10	24	W	0.	0.	0.
10	10	22	W	0.	0.	0.
10	10	23	Qm-1	0.	0.	0.
10	10	25	Qm-1	0.	0.	0.
10	10	24	Qm-1	0.	0.	0.
10	10	22	Qm-1	0.	0.	0.
10	10	23	Qm-2	0.	0.	0.
10	10	25	Qm-2	0.	0.	0.
10	10	24	Qm-2	0.	0.	0.
10	10	22	Qm-2	0.	0.	0.
11	11	25	DEAD	0.	0.	0.
11	11	27	DEAD	0.	0.	0.
11	11	26	DEAD	0.	0.	0.
11	11	24	DEAD	0.	0.	0.
11	11	25	G1	0.	0.	0.
11	11	27	G1	0.	0.	0.
11	11	26	G1	0.	0.	0.
11	11	24	G1	0.	0.	0.
11	11	25	G2	0.	0.	0.
11	11	27	G2	0.	0.	0.
11	11	26	G2	0.	0.	0.
11	11	24	G2	0.	0.	0.
11	11	25	Qm	0.	0.	0.
11	11	27	Qm	0.	0.	0.
11	11	26	Qm	0.	0.	0.
11	11	24	Qm	0.	0.	0.
11	11	25	Qs	0.	0.	0.
11	11	27	Qs	0.	0.	0.
11	11	26	Qs	0.	0.	0.
11	11	24	Qs	0.	0.	0.
11	11	25	T+	-0.88526	-0.88526	1.800E-17
11	11	27	T+	-0.88526	-0.88526	-1.006E-16

Table 27: Element Forces - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	F11	F22	F12
				KN/mm	KN/mm	KN/mm
11	11	26	T+	-0.88526	-0.88526	1.497E-16
11	11	24	T+	-0.88526	-0.88526	2.283E-16
11	11	25	T-	0.88526	0.88526	-1.800E-17
11	11	27	T-	0.88526	0.88526	1.006E-16
11	11	26	T-	0.88526	0.88526	-1.497E-16
11	11	24	T-	0.88526	0.88526	-2.283E-16
11	11	25	W	0.	0.	0.
11	11	27	W	0.	0.	0.
11	11	26	W	0.	0.	0.
11	11	24	W	0.	0.	0.
11	11	25	Qm-1	0.	0.	0.
11	11	27	Qm-1	0.	0.	0.
11	11	26	Qm-1	0.	0.	0.
11	11	24	Qm-1	0.	0.	0.
11	11	25	Qm-2	0.	0.	0.
11	11	27	Qm-2	0.	0.	0.
11	11	26	Qm-2	0.	0.	0.
11	11	24	Qm-2	0.	0.	0.
12	12	27	DEAD	0.	0.	0.
12	12	29	DEAD	0.	0.	0.
12	12	28	DEAD	0.	0.	0.
12	12	26	DEAD	0.	0.	0.
12	12	27	G1	0.	0.	0.
12	12	29	G1	0.	0.	0.
12	12	28	G1	0.	0.	0.
12	12	26	G1	0.	0.	0.
12	12	27	G2	0.	0.	0.
12	12	29	G2	0.	0.	0.
12	12	28	G2	0.	0.	0.
12	12	26	G2	0.	0.	0.
12	12	27	Qm	0.	0.	0.
12	12	29	Qm	0.	0.	0.
12	12	28	Qm	0.	0.	0.
12	12	26	Qm	0.	0.	0.
12	12	27	Qs	0.	0.	0.
12	12	29	Qs	0.	0.	0.
12	12	28	Qs	0.	0.	0.
12	12	26	Qs	0.	0.	0.
12	12	27	T+	-0.88526	-0.88526	-1.641E-16
12	12	29	T+	-0.88526	-0.88526	1.592E-16
12	12	28	T+	-0.88526	-0.88526	1.288E-16
12	12	26	T+	-0.88526	-0.88526	-1.145E-16
12	12	27	T-	0.88526	0.88526	1.641E-16
12	12	29	T-	0.88526	0.88526	-1.592E-16
12	12	28	T-	0.88526	0.88526	-1.288E-16
12	12	26	T-	0.88526	0.88526	1.145E-16
12	12	27	W	0.	0.	0.
12	12	29	W	0.	0.	0.
12	12	28	W	0.	0.	0.
12	12	26	W	0.	0.	0.
12	12	27	Qm-1	0.	0.	0.
12	12	29	Qm-1	0.	0.	0.
12	12	28	Qm-1	0.	0.	0.
12	12	26	Qm-1	0.	0.	0.

Table 27: Element Forces - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	F11	F22	F12
				KN/mm	KN/mm	KN/mm
12	12	27	Qm-2	0.	0.	0.
12	12	29	Qm-2	0.	0.	0.
12	12	28	Qm-2	0.	0.	0.
12	12	26	Qm-2	0.	0.	0.
13	13	29	DEAD	0.	0.	0.
13	13	31	DEAD	0.	0.	0.
13	13	30	DEAD	0.	0.	0.
13	13	28	DEAD	0.	0.	0.
13	13	29	G1	0.	0.	0.
13	13	31	G1	0.	0.	0.
13	13	30	G1	0.	0.	0.
13	13	28	G1	0.	0.	0.
13	13	29	G2	0.	0.	0.
13	13	31	G2	0.	0.	0.
13	13	30	G2	0.	0.	0.
13	13	28	G2	0.	0.	0.
13	13	29	Qm	0.	0.	0.
13	13	31	Qm	0.	0.	0.
13	13	30	Qm	0.	0.	0.
13	13	28	Qm	0.	0.	0.
13	13	29	Qs	0.	0.	0.
13	13	31	Qs	0.	0.	0.
13	13	30	Qs	0.	0.	0.
13	13	28	Qs	0.	0.	0.
13	13	29	T+	-0.88526	-0.88526	6.707E-18
13	13	31	T+	-0.88526	-0.88526	-2.679E-16
13	13	30	T+	-0.88526	-0.88526	1.339E-17
13	13	28	T+	-0.88526	-0.88526	2.480E-16
13	13	29	T-	0.88526	0.88526	-6.707E-18
13	13	31	T-	0.88526	0.88526	2.679E-16
13	13	30	T-	0.88526	0.88526	-1.339E-17
13	13	28	T-	0.88526	0.88526	-2.480E-16
13	13	29	W	0.	0.	0.
13	13	31	W	0.	0.	0.
13	13	30	W	0.	0.	0.
13	13	28	W	0.	0.	0.
13	13	29	Qm-1	0.	0.	0.
13	13	31	Qm-1	0.	0.	0.
13	13	30	Qm-1	0.	0.	0.
13	13	28	Qm-1	0.	0.	0.
13	13	29	Qm-2	0.	0.	0.
13	13	31	Qm-2	0.	0.	0.
13	13	30	Qm-2	0.	0.	0.
13	13	28	Qm-2	0.	0.	0.
14	14	31	DEAD	0.	0.	0.
14	14	33	DEAD	0.	0.	0.
14	14	32	DEAD	0.	0.	0.
14	14	30	DEAD	0.	0.	0.
14	14	31	G1	0.	0.	0.
14	14	33	G1	0.	0.	0.
14	14	32	G1	0.	0.	0.
14	14	30	G1	0.	0.	0.
14	14	31	G2	0.	0.	0.
14	14	33	G2	0.	0.	0.

Table 27: Element Forces - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	F11	F22	F12
				KN/mm	KN/mm	KN/mm
14	14	32	G2	0.	0.	0.
14	14	30	G2	0.	0.	0.
14	14	31	Qm	0.	0.	0.
14	14	33	Qm	0.	0.	0.
14	14	32	Qm	0.	0.	0.
14	14	30	Qm	0.	0.	0.
14	14	31	Qs	0.	0.	0.
14	14	33	Qs	0.	0.	0.
14	14	32	Qs	0.	0.	0.
14	14	30	Qs	0.	0.	0.
14	14	31	T+	-0.88526	-0.88526	-1.835E-17
14	14	33	T+	-0.88526	-0.88526	-2.988E-16
14	14	32	T+	-0.88526	-0.88526	-3.699E-17
14	14	30	T+	-0.88526	-0.88526	2.035E-16
14	14	31	T-	0.88526	0.88526	1.835E-17
14	14	33	T-	0.88526	0.88526	2.988E-16
14	14	32	T-	0.88526	0.88526	3.699E-17
14	14	30	T-	0.88526	0.88526	-2.035E-16
14	14	31	W	0.	0.	0.
14	14	33	W	0.	0.	0.
14	14	32	W	0.	0.	0.
14	14	30	W	0.	0.	0.
14	14	31	Qm-1	0.	0.	0.
14	14	33	Qm-1	0.	0.	0.
14	14	32	Qm-1	0.	0.	0.
14	14	30	Qm-1	0.	0.	0.
14	14	31	Qm-2	0.	0.	0.
14	14	33	Qm-2	0.	0.	0.
14	14	32	Qm-2	0.	0.	0.
14	14	30	Qm-2	0.	0.	0.
15	15	33	DEAD	0.	0.	0.
15	15	35	DEAD	0.	0.	0.
15	15	34	DEAD	0.	0.	0.
15	15	32	DEAD	0.	0.	0.
15	15	33	G1	0.	0.	0.
15	15	35	G1	0.	0.	0.
15	15	34	G1	0.	0.	0.
15	15	32	G1	0.	0.	0.
15	15	33	G2	0.	0.	0.
15	15	35	G2	0.	0.	0.
15	15	34	G2	0.	0.	0.
15	15	32	G2	0.	0.	0.
15	15	33	Qm	0.	0.	0.
15	15	35	Qm	0.	0.	0.
15	15	34	Qm	0.	0.	0.
15	15	32	Qm	0.	0.	0.
15	15	33	Qs	0.	0.	0.
15	15	35	Qs	0.	0.	0.
15	15	34	Qs	0.	0.	0.
15	15	32	Qs	0.	0.	0.
15	15	33	T+	-0.88526	-0.88526	-3.610E-17
15	15	35	T+	-0.88526	-0.88526	-1.486E-16
15	15	34	T+	-0.88526	-0.88526	9.922E-17
15	15	32	T+	-0.88526	-0.88526	3.317E-16

Table 27: Element Forces - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	F11	F22	F12
				KN/mm	KN/mm	KN/mm
15	15	33	T-	0.88526	0.88526	3.610E-17
15	15	35	T-	0.88526	0.88526	1.486E-16
15	15	34	T-	0.88526	0.88526	-9.922E-17
15	15	32	T-	0.88526	0.88526	-3.317E-16
15	15	33	W	0.	0.	0.
15	15	35	W	0.	0.	0.
15	15	34	W	0.	0.	0.
15	15	32	W	0.	0.	0.
15	15	33	Qm-1	0.	0.	0.
15	15	35	Qm-1	0.	0.	0.
15	15	34	Qm-1	0.	0.	0.
15	15	32	Qm-1	0.	0.	0.
15	15	33	Qm-2	0.	0.	0.
15	15	35	Qm-2	0.	0.	0.
15	15	34	Qm-2	0.	0.	0.
15	15	32	Qm-2	0.	0.	0.
16	16	35	DEAD	0.	0.	0.
16	16	37	DEAD	0.	0.	0.
16	16	36	DEAD	0.	0.	0.
16	16	34	DEAD	0.	0.	0.
16	16	35	G1	0.	0.	0.
16	16	37	G1	0.	0.	0.
16	16	36	G1	0.	0.	0.
16	16	34	G1	0.	0.	0.
16	16	35	G2	0.	0.	0.
16	16	37	G2	0.	0.	0.
16	16	36	G2	0.	0.	0.
16	16	34	G2	0.	0.	0.
16	16	35	Qm	0.	0.	0.
16	16	37	Qm	0.	0.	0.
16	16	36	Qm	0.	0.	0.
16	16	34	Qm	0.	0.	0.
16	16	35	Qs	0.	0.	0.
16	16	37	Qs	0.	0.	0.
16	16	36	Qs	0.	0.	0.
16	16	34	Qs	0.	0.	0.
16	16	35	T+	-0.88526	-0.88526	7.917E-17
16	16	37	T+	-0.88526	-0.88526	-1.613E-16
16	16	36	T+	-0.88526	-0.88526	-1.345E-16
16	16	34	T+	-0.88526	-0.88526	6.594E-17
16	16	35	T-	0.88526	0.88526	-7.917E-17
16	16	37	T-	0.88526	0.88526	1.613E-16
16	16	36	T-	0.88526	0.88526	1.345E-16
16	16	34	T-	0.88526	0.88526	-6.594E-17
16	16	35	W	0.	0.	0.
16	16	37	W	0.	0.	0.
16	16	36	W	0.	0.	0.
16	16	34	W	0.	0.	0.
16	16	35	Qm-1	0.	0.	0.
16	16	37	Qm-1	0.	0.	0.
16	16	36	Qm-1	0.	0.	0.
16	16	34	Qm-1	0.	0.	0.
16	16	35	Qm-2	0.	0.	0.
16	16	37	Qm-2	0.	0.	0.

Table 27: Element Forces - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	F11	F22	F12
				KN/mm	KN/mm	KN/mm
16	16	36	Qm-2	0.	0.	0.
16	16	34	Qm-2	0.	0.	0.
17	17	37	DEAD	0.	0.	0.
17	17	39	DEAD	0.	0.	0.
17	17	38	DEAD	0.	0.	0.
17	17	36	DEAD	0.	0.	0.
17	17	37	G1	0.	0.	0.
17	17	39	G1	0.	0.	0.
17	17	38	G1	0.	0.	0.
17	17	36	G1	0.	0.	0.
17	17	37	G2	0.	0.	0.
17	17	39	G2	0.	0.	0.
17	17	38	G2	0.	0.	0.
17	17	36	G2	0.	0.	0.
17	17	37	Qm	0.	0.	0.
17	17	39	Qm	0.	0.	0.
17	17	38	Qm	0.	0.	0.
17	17	36	Qm	0.	0.	0.
17	17	37	Qs	0.	0.	0.
17	17	39	Qs	0.	0.	0.
17	17	38	Qs	0.	0.	0.
17	17	36	Qs	0.	0.	0.
17	17	37	T+	-0.88526	-0.88526	-5.692E-17
17	17	39	T+	-0.88526	-0.88526	-3.394E-16
17	17	38	T+	-0.88526	-0.88526	7.702E-17
17	17	36	T+	-0.88526	-0.88526	3.195E-16
17	17	37	T-	0.88526	0.88526	5.692E-17
17	17	39	T-	0.88526	0.88526	3.394E-16
17	17	38	T-	0.88526	0.88526	-7.702E-17
17	17	36	T-	0.88526	0.88526	-3.195E-16
17	17	37	W	0.	0.	0.
17	17	39	W	0.	0.	0.
17	17	38	W	0.	0.	0.
17	17	36	W	0.	0.	0.
17	17	37	Qm-1	0.	0.	0.
17	17	39	Qm-1	0.	0.	0.
17	17	38	Qm-1	0.	0.	0.
17	17	36	Qm-1	0.	0.	0.
17	17	37	Qm-2	0.	0.	0.
17	17	39	Qm-2	0.	0.	0.
17	17	38	Qm-2	0.	0.	0.
17	17	36	Qm-2	0.	0.	0.
18	18	39	DEAD	0.	0.	0.
18	18	41	DEAD	0.	0.	0.
18	18	40	DEAD	0.	0.	0.
18	18	38	DEAD	0.	0.	0.
18	18	39	G1	0.	0.	0.
18	18	41	G1	0.	0.	0.
18	18	40	G1	0.	0.	0.
18	18	38	G1	0.	0.	0.
18	18	39	G2	0.	0.	0.
18	18	41	G2	0.	0.	0.
18	18	40	G2	0.	0.	0.
18	18	38	G2	0.	0.	0.

Table 27: Element Forces - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	F11	F22	F12
				KN/mm	KN/mm	KN/mm
18	18	39	Qm	0.	0.	0.
18	18	41	Qm	0.	0.	0.
18	18	40	Qm	0.	0.	0.
18	18	38	Qm	0.	0.	0.
18	18	39	Qs	0.	0.	0.
18	18	41	Qs	0.	0.	0.
18	18	40	Qs	0.	0.	0.
18	18	38	Qs	0.	0.	0.
18	18	39	T+	-0.88526	-0.88526	-3.257E-16
18	18	41	T+	-0.88526	-0.88526	-1.069E-15
18	18	40	T+	-0.88526	-0.88526	2.390E-16
18	18	38	T+	-0.88526	-0.88526	9.424E-16
18	18	39	T-	0.88526	0.88526	3.257E-16
18	18	41	T-	0.88526	0.88526	1.069E-15
18	18	40	T-	0.88526	0.88526	-2.390E-16
18	18	38	T-	0.88526	0.88526	-9.424E-16
18	18	39	W	0.	0.	0.
18	18	41	W	0.	0.	0.
18	18	40	W	0.	0.	0.
18	18	38	W	0.	0.	0.
18	18	39	Qm-1	0.	0.	0.
18	18	41	Qm-1	0.	0.	0.
18	18	40	Qm-1	0.	0.	0.
18	18	38	Qm-1	0.	0.	0.
18	18	39	Qm-2	0.	0.	0.
18	18	41	Qm-2	0.	0.	0.
18	18	40	Qm-2	0.	0.	0.
18	18	38	Qm-2	0.	0.	0.
19	19	41	DEAD	0.	0.	0.
19	19	43	DEAD	0.	0.	0.
19	19	42	DEAD	0.	0.	0.
19	19	40	DEAD	0.	0.	0.
19	19	41	G1	0.	0.	0.
19	19	43	G1	0.	0.	0.
19	19	42	G1	0.	0.	0.
19	19	40	G1	0.	0.	0.
19	19	41	G2	0.	0.	0.
19	19	43	G2	0.	0.	0.
19	19	42	G2	0.	0.	0.
19	19	40	G2	0.	0.	0.
19	19	41	Qm	0.	0.	0.
19	19	43	Qm	0.	0.	0.
19	19	42	Qm	0.	0.	0.
19	19	40	Qm	0.	0.	0.
19	19	41	Qs	0.	0.	0.
19	19	43	Qs	0.	0.	0.
19	19	42	Qs	0.	0.	0.
19	19	40	Qs	0.	0.	0.
19	19	41	T+	-0.88526	-0.88526	1.391E-16
19	19	43	T+	-0.88526	-0.88526	9.199E-16
19	19	42	T+	-0.88526	-0.88526	-8.005E-17
19	19	40	T+	-0.88526	-0.88526	-8.609E-16
19	19	41	T-	0.88526	0.88526	-1.391E-16
19	19	43	T-	0.88526	0.88526	-9.199E-16

Table 27: Element Forces - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	F11	F22	F12
				KN/mm	KN/mm	KN/mm
19	19	42	T-	0.88526	0.88526	8.005E-17
19	19	40	T-	0.88526	0.88526	8.609E-16
19	19	41	W	0.	0.	0.
19	19	43	W	0.	0.	0.
19	19	42	W	0.	0.	0.
19	19	40	W	0.	0.	0.
19	19	41	Qm-1	0.	0.	0.
19	19	43	Qm-1	0.	0.	0.
19	19	42	Qm-1	0.	0.	0.
19	19	40	Qm-1	0.	0.	0.
19	19	41	Qm-2	0.	0.	0.
19	19	43	Qm-2	0.	0.	0.
19	19	42	Qm-2	0.	0.	0.
19	19	40	Qm-2	0.	0.	0.
20	20	43	DEAD	0.	0.	0.
20	20	45	DEAD	0.	0.	0.
20	20	44	DEAD	0.	0.	0.
20	20	42	DEAD	0.	0.	0.
20	20	43	G1	0.	0.	0.
20	20	45	G1	0.	0.	0.
20	20	44	G1	0.	0.	0.
20	20	42	G1	0.	0.	0.
20	20	43	G2	0.	0.	0.
20	20	45	G2	0.	0.	0.
20	20	44	G2	0.	0.	0.
20	20	42	G2	0.	0.	0.
20	20	43	Qm	0.	0.	0.
20	20	45	Qm	0.	0.	0.
20	20	44	Qm	0.	0.	0.
20	20	42	Qm	0.	0.	0.
20	20	43	Qs	0.	0.	0.
20	20	45	Qs	0.	0.	0.
20	20	44	Qs	0.	0.	0.
20	20	42	Qs	0.	0.	0.
20	20	43	T+	-0.88526	-0.88526	-3.580E-16
20	20	45	T+	-0.88526	-0.88526	2.447E-16
20	20	44	T+	-0.88526	-0.88526	2.453E-16
20	20	42	T+	-0.88526	-0.88526	-3.574E-16
20	20	43	T-	0.88526	0.88526	3.580E-16
20	20	45	T-	0.88526	0.88526	-2.447E-16
20	20	44	T-	0.88526	0.88526	-2.453E-16
20	20	42	T-	0.88526	0.88526	3.574E-16
20	20	43	W	0.	0.	0.
20	20	45	W	0.	0.	0.
20	20	44	W	0.	0.	0.
20	20	42	W	0.	0.	0.
20	20	43	Qm-1	0.	0.	0.
20	20	45	Qm-1	0.	0.	0.
20	20	44	Qm-1	0.	0.	0.
20	20	42	Qm-1	0.	0.	0.
20	20	43	Qm-2	0.	0.	0.
20	20	45	Qm-2	0.	0.	0.
20	20	44	Qm-2	0.	0.	0.
20	20	42	Qm-2	0.	0.	0.

Table 27: Element Forces - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	F11	F22	F12
				KN/mm	KN/mm	KN/mm
21	21	45	DEAD	0.	0.	0.
21	21	47	DEAD	0.	0.	0.
21	21	46	DEAD	0.	0.	0.
21	21	44	DEAD	0.	0.	0.
21	21	45	G1	0.	0.	0.
21	21	47	G1	0.	0.	0.
21	21	46	G1	0.	0.	0.
21	21	44	G1	0.	0.	0.
21	21	45	G2	0.	0.	0.
21	21	47	G2	0.	0.	0.
21	21	46	G2	0.	0.	0.
21	21	44	G2	0.	0.	0.
21	21	45	Qm	0.	0.	0.
21	21	47	Qm	0.	0.	0.
21	21	46	Qm	0.	0.	0.
21	21	44	Qm	0.	0.	0.
21	21	45	Qs	0.	0.	0.
21	21	47	Qs	0.	0.	0.
21	21	46	Qs	0.	0.	0.
21	21	44	Qs	0.	0.	0.
21	21	45	T+	-0.88526	-0.88526	-3.376E-17
21	21	47	T+	-0.88526	-0.88526	-2.098E-16
21	21	46	T+	-0.88526	-0.88526	-5.048E-17
21	21	44	T+	-0.88526	-0.88526	4.561E-17
21	21	45	T-	0.88526	0.88526	3.376E-17
21	21	47	T-	0.88526	0.88526	2.098E-16
21	21	46	T-	0.88526	0.88526	5.048E-17
21	21	44	T-	0.88526	0.88526	-4.561E-17
21	21	45	W	0.	0.	0.
21	21	47	W	0.	0.	0.
21	21	46	W	0.	0.	0.
21	21	44	W	0.	0.	0.
21	21	45	Qm-1	0.	0.	0.
21	21	47	Qm-1	0.	0.	0.
21	21	46	Qm-1	0.	0.	0.
21	21	44	Qm-1	0.	0.	0.
21	21	45	Qm-2	0.	0.	0.
21	21	47	Qm-2	0.	0.	0.
21	21	46	Qm-2	0.	0.	0.
21	21	44	Qm-2	0.	0.	0.
22	22	47	DEAD	0.	0.	0.
22	22	49	DEAD	0.	0.	0.
22	22	48	DEAD	0.	0.	0.
22	22	46	DEAD	0.	0.	0.
22	22	47	G1	0.	0.	0.
22	22	49	G1	0.	0.	0.
22	22	48	G1	0.	0.	0.
22	22	46	G1	0.	0.	0.
22	22	47	G2	0.	0.	0.
22	22	49	G2	0.	0.	0.
22	22	48	G2	0.	0.	0.
22	22	46	G2	0.	0.	0.
22	22	47	Qm	0.	0.	0.
22	22	49	Qm	0.	0.	0.

Table 27: Element Forces - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	F11	F22	F12
				KN/mm	KN/mm	KN/mm
22	22	48	Qm	0.	0.	0.
22	22	46	Qm	0.	0.	0.
22	22	47	Qs	0.	0.	0.
22	22	49	Qs	0.	0.	0.
22	22	48	Qs	0.	0.	0.
22	22	46	Qs	0.	0.	0.
22	22	47	T+	-0.88526	-0.88526	-1.276E-16
22	22	49	T+	-0.88526	-0.88526	-1.141E-16
22	22	48	T+	-0.88526	-0.88526	4.340E-17
22	22	46	T+	-0.88526	-0.88526	-5.014E-17
22	22	47	T-	0.88526	0.88526	1.276E-16
22	22	49	T-	0.88526	0.88526	1.141E-16
22	22	48	T-	0.88526	0.88526	-4.340E-17
22	22	46	T-	0.88526	0.88526	5.014E-17
22	22	47	W	0.	0.	0.
22	22	49	W	0.	0.	0.
22	22	48	W	0.	0.	0.
22	22	46	W	0.	0.	0.
22	22	47	Qm-1	0.	0.	0.
22	22	49	Qm-1	0.	0.	0.
22	22	48	Qm-1	0.	0.	0.
22	22	46	Qm-1	0.	0.	0.
22	22	47	Qm-2	0.	0.	0.
22	22	49	Qm-2	0.	0.	0.
22	22	48	Qm-2	0.	0.	0.
22	22	46	Qm-2	0.	0.	0.
23	23	49	DEAD	0.	0.	0.
23	23	51	DEAD	0.	0.	0.
23	23	50	DEAD	0.	0.	0.
23	23	48	DEAD	0.	0.	0.
23	23	49	G1	0.	0.	0.
23	23	51	G1	0.	0.	0.
23	23	50	G1	0.	0.	0.
23	23	48	G1	0.	0.	0.
23	23	49	G2	0.	0.	0.
23	23	51	G2	0.	0.	0.
23	23	50	G2	0.	0.	0.
23	23	48	G2	0.	0.	0.
23	23	49	Qm	0.	0.	0.
23	23	51	Qm	0.	0.	0.
23	23	50	Qm	0.	0.	0.
23	23	48	Qm	0.	0.	0.
23	23	49	Qs	0.	0.	0.
23	23	51	Qs	0.	0.	0.
23	23	50	Qs	0.	0.	0.
23	23	48	Qs	0.	0.	0.
23	23	49	T+	-0.88526	-0.88526	6.870E-18
23	23	51	T+	-0.88526	-0.88526	4.001E-16
23	23	50	T+	-0.88526	-0.88526	-1.102E-16
23	23	48	T+	-0.88526	-0.88526	-6.235E-16
23	23	49	T-	0.88526	0.88526	-6.870E-18
23	23	51	T-	0.88526	0.88526	-4.001E-16
23	23	50	T-	0.88526	0.88526	1.102E-16
23	23	48	T-	0.88526	0.88526	6.235E-16

Table 27: Element Forces - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	F11	F22	F12
				KN/mm	KN/mm	KN/mm
23	23	49	W	0.	0.	0.
23	23	51	W	0.	0.	0.
23	23	50	W	0.	0.	0.
23	23	48	W	0.	0.	0.
23	23	49	Qm-1	0.	0.	0.
23	23	51	Qm-1	0.	0.	0.
23	23	50	Qm-1	0.	0.	0.
23	23	48	Qm-1	0.	0.	0.
23	23	49	Qm-2	0.	0.	0.
23	23	51	Qm-2	0.	0.	0.
23	23	50	Qm-2	0.	0.	0.
23	23	48	Qm-2	0.	0.	0.
24	24	51	DEAD	0.	0.	0.
24	24	53	DEAD	0.	0.	0.
24	24	52	DEAD	0.	0.	0.
24	24	50	DEAD	0.	0.	0.
24	24	51	G1	0.	0.	0.
24	24	53	G1	0.	0.	0.
24	24	52	G1	0.	0.	0.
24	24	50	G1	0.	0.	0.
24	24	51	G2	0.	0.	0.
24	24	53	G2	0.	0.	0.
24	24	52	G2	0.	0.	0.
24	24	50	G2	0.	0.	0.
24	24	51	Qm	0.	0.	0.
24	24	53	Qm	0.	0.	0.
24	24	52	Qm	0.	0.	0.
24	24	50	Qm	0.	0.	0.
24	24	51	Qs	0.	0.	0.
24	24	53	Qs	0.	0.	0.
24	24	52	Qs	0.	0.	0.
24	24	50	Qs	0.	0.	0.
24	24	51	T+	-0.88526	-0.88526	-2.107E-16
24	24	53	T+	-0.88526	-0.88526	1.095E-16
24	24	52	T+	-0.88526	-0.88526	-4.748E-17
24	24	50	T+	-0.88526	-0.88526	-2.877E-16
24	24	51	T-	0.88526	0.88526	2.107E-16
24	24	53	T-	0.88526	0.88526	-1.095E-16
24	24	52	T-	0.88526	0.88526	4.748E-17
24	24	50	T-	0.88526	0.88526	2.877E-16
24	24	51	W	0.	0.	0.
24	24	53	W	0.	0.	0.
24	24	52	W	0.	0.	0.
24	24	50	W	0.	0.	0.
24	24	51	Qm-1	0.	0.	0.
24	24	53	Qm-1	0.	0.	0.
24	24	52	Qm-1	0.	0.	0.
24	24	50	Qm-1	0.	0.	0.
24	24	51	Qm-2	0.	0.	0.
24	24	53	Qm-2	0.	0.	0.
24	24	52	Qm-2	0.	0.	0.
24	24	50	Qm-2	0.	0.	0.
25	25	53	DEAD	0.	0.	0.
25	25	55	DEAD	0.	0.	0.

Table 27: Element Forces - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	F11	F22	F12
				KN/mm	KN/mm	KN/mm
25	25	54	DEAD	0.	0.	0.
25	25	52	DEAD	0.	0.	0.
25	25	53	G1	0.	0.	0.
25	25	55	G1	0.	0.	0.
25	25	54	G1	0.	0.	0.
25	25	52	G1	0.	0.	0.
25	25	53	G2	0.	0.	0.
25	25	55	G2	0.	0.	0.
25	25	54	G2	0.	0.	0.
25	25	52	G2	0.	0.	0.
25	25	53	Qm	0.	0.	0.
25	25	55	Qm	0.	0.	0.
25	25	54	Qm	0.	0.	0.
25	25	52	Qm	0.	0.	0.
25	25	53	Qs	0.	0.	0.
25	25	55	Qs	0.	0.	0.
25	25	54	Qs	0.	0.	0.
25	25	52	Qs	0.	0.	0.
25	25	53	T+	-0.88526	-0.88526	-1.937E-16
25	25	55	T+	-0.88526	-0.88526	-8.166E-16
25	25	54	T+	-0.88526	-0.88526	1.123E-16
25	25	52	T+	-0.88526	-0.88526	7.352E-16
25	25	53	T-	0.88526	0.88526	1.937E-16
25	25	55	T-	0.88526	0.88526	8.166E-16
25	25	54	T-	0.88526	0.88526	-1.123E-16
25	25	52	T-	0.88526	0.88526	-7.352E-16
25	25	53	W	0.	0.	0.
25	25	55	W	0.	0.	0.
25	25	54	W	0.	0.	0.
25	25	52	W	0.	0.	0.
25	25	53	Qm-1	0.	0.	0.
25	25	55	Qm-1	0.	0.	0.
25	25	54	Qm-1	0.	0.	0.
25	25	52	Qm-1	0.	0.	0.
25	25	53	Qm-2	0.	0.	0.
25	25	55	Qm-2	0.	0.	0.
25	25	54	Qm-2	0.	0.	0.
25	25	52	Qm-2	0.	0.	0.
26	26	55	DEAD	0.	0.	0.
26	26	57	DEAD	0.	0.	0.
26	26	56	DEAD	0.	0.	0.
26	26	54	DEAD	0.	0.	0.
26	26	55	G1	0.	0.	0.
26	26	57	G1	0.	0.	0.
26	26	56	G1	0.	0.	0.
26	26	54	G1	0.	0.	0.
26	26	55	G2	0.	0.	0.
26	26	57	G2	0.	0.	0.
26	26	56	G2	0.	0.	0.
26	26	54	G2	0.	0.	0.
26	26	55	Qm	0.	0.	0.
26	26	57	Qm	0.	0.	0.
26	26	56	Qm	0.	0.	0.
26	26	54	Qm	0.	0.	0.

Table 27: Element Forces - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	F11	F22	F12
				KN/mm	KN/mm	KN/mm
26	26	55	Qs	0.	0.	0.
26	26	57	Qs	0.	0.	0.
26	26	56	Qs	0.	0.	0.
26	26	54	Qs	0.	0.	0.
26	26	55	T+	-0.88526	-0.88526	1.207E-16
26	26	57	T+	-0.88526	-0.88526	-1.601E-15
26	26	56	T+	-0.88526	-0.88526	-1.122E-16
26	26	54	T+	-0.88526	-0.88526	1.690E-15
26	26	55	T-	0.88526	0.88526	-1.207E-16
26	26	57	T-	0.88526	0.88526	1.601E-15
26	26	56	T-	0.88526	0.88526	1.122E-16
26	26	54	T-	0.88526	0.88526	-1.690E-15
26	26	55	W	0.	0.	0.
26	26	57	W	0.	0.	0.
26	26	56	W	0.	0.	0.
26	26	54	W	0.	0.	0.
26	26	55	Qm-1	0.	0.	0.
26	26	57	Qm-1	0.	0.	0.
26	26	56	Qm-1	0.	0.	0.
26	26	54	Qm-1	0.	0.	0.
26	26	55	Qm-2	0.	0.	0.
26	26	57	Qm-2	0.	0.	0.
26	26	56	Qm-2	0.	0.	0.
26	26	54	Qm-2	0.	0.	0.
27	27	57	DEAD	0.	0.	0.
27	27	8	DEAD	0.	0.	0.
27	27	58	DEAD	0.	0.	0.
27	27	56	DEAD	0.	0.	0.
27	27	57	G1	0.	0.	0.
27	27	8	G1	0.	0.	0.
27	27	58	G1	0.	0.	0.
27	27	56	G1	0.	0.	0.
27	27	57	G2	0.	0.	0.
27	27	8	G2	0.	0.	0.
27	27	58	G2	0.	0.	0.
27	27	56	G2	0.	0.	0.
27	27	57	Qm	0.	0.	0.
27	27	8	Qm	0.	0.	0.
27	27	58	Qm	0.	0.	0.
27	27	56	Qm	0.	0.	0.
27	27	57	Qs	0.	0.	0.
27	27	8	Qs	0.	0.	0.
27	27	58	Qs	0.	0.	0.
27	27	56	Qs	0.	0.	0.
27	27	57	T+	-0.88526	-0.88526	-8.842E-17
27	27	8	T+	-0.88526	-0.88526	-4.633E-16
27	27	58	T+	-0.88526	-0.88526	-9.879E-18
27	27	56	T+	-0.88526	-0.88526	3.650E-16
27	27	57	T-	0.88526	0.88526	8.842E-17
27	27	8	T-	0.88526	0.88526	4.633E-16
27	27	58	T-	0.88526	0.88526	9.879E-18
27	27	56	T-	0.88526	0.88526	-3.650E-16
27	27	57	W	0.	0.	0.
27	27	8	W	0.	0.	0.

Table 27: Element Forces - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	F11	F22	F12
				KN/mm	KN/mm	KN/mm
27	27	58	W	0.	0.	0.
27	27	56	W	0.	0.	0.
27	27	57	Qm-1	0.	0.	0.
27	27	8	Qm-1	0.	0.	0.
27	27	58	Qm-1	0.	0.	0.
27	27	56	Qm-1	0.	0.	0.
27	27	57	Qm-2	0.	0.	0.
27	27	8	Qm-2	0.	0.	0.
27	27	58	Qm-2	0.	0.	0.
27	27	56	Qm-2	0.	0.	0.
28	28	9	DEAD	0.	0.	0.
28	28	10	DEAD	0.	0.	0.
28	28	60	DEAD	0.	0.	0.
28	28	59	DEAD	0.	0.	0.
28	28	9	G1	0.	0.	0.
28	28	10	G1	0.	0.	0.
28	28	60	G1	0.	0.	0.
28	28	59	G1	0.	0.	0.
28	28	9	G2	0.	0.	0.
28	28	10	G2	0.	0.	0.
28	28	60	G2	0.	0.	0.
28	28	59	G2	0.	0.	0.
28	28	9	Qm	0.	0.	0.
28	28	10	Qm	0.	0.	0.
28	28	60	Qm	0.	0.	0.
28	28	59	Qm	0.	0.	0.
28	28	9	Qs	0.	0.	0.
28	28	10	Qs	0.	0.	0.
28	28	60	Qs	0.	0.	0.
28	28	59	Qs	0.	0.	0.
28	28	9	T+	-0.88526	-0.88526	1.829E-17
28	28	10	T+	-0.88526	-0.88526	-3.166E-16
28	28	60	T+	-0.88526	-0.88526	1.060E-17
28	28	59	T+	-0.88526	-0.88526	3.055E-16
28	28	9	T-	0.88526	0.88526	-1.829E-17
28	28	10	T-	0.88526	0.88526	3.166E-16
28	28	60	T-	0.88526	0.88526	-1.060E-17
28	28	59	T-	0.88526	0.88526	-3.055E-16
28	28	9	W	0.	0.	0.
28	28	10	W	0.	0.	0.
28	28	60	W	0.	0.	0.
28	28	59	W	0.	0.	0.
28	28	9	Qm-1	0.	0.	0.
28	28	10	Qm-1	0.	0.	0.
28	28	60	Qm-1	0.	0.	0.
28	28	59	Qm-1	0.	0.	0.
28	28	9	Qm-2	0.	0.	0.
28	28	10	Qm-2	0.	0.	0.
28	28	60	Qm-2	0.	0.	0.
28	28	59	Qm-2	0.	0.	0.
29	29	10	DEAD	0.	0.	0.
29	29	12	DEAD	0.	0.	0.
29	29	61	DEAD	0.	0.	0.
29	29	60	DEAD	0.	0.	0.

Table 27: Element Forces - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	F11	F22	F12
				KN/mm	KN/mm	KN/mm
29	29	10	G1	0.	0.	0.
29	29	12	G1	0.	0.	0.
29	29	61	G1	0.	0.	0.
29	29	60	G1	0.	0.	0.
29	29	10	G2	0.	0.	0.
29	29	12	G2	0.	0.	0.
29	29	61	G2	0.	0.	0.
29	29	60	G2	0.	0.	0.
29	29	10	Qm	0.	0.	0.
29	29	12	Qm	0.	0.	0.
29	29	61	Qm	0.	0.	0.
29	29	60	Qm	0.	0.	0.
29	29	10	Qs	0.	0.	0.
29	29	12	Qs	0.	0.	0.
29	29	61	Qs	0.	0.	0.
29	29	60	Qs	0.	0.	0.
29	29	10	T+	-0.88526	-0.88526	-2.377E-16
29	29	12	T+	-0.88526	-0.88526	-5.903E-17
29	29	61	T+	-0.88526	-0.88526	2.869E-16
29	29	60	T+	-0.88526	-0.88526	-1.174E-17
29	29	10	T-	0.88526	0.88526	2.377E-16
29	29	12	T-	0.88526	0.88526	5.903E-17
29	29	61	T-	0.88526	0.88526	-2.869E-16
29	29	60	T-	0.88526	0.88526	1.174E-17
29	29	10	W	0.	0.	0.
29	29	12	W	0.	0.	0.
29	29	61	W	0.	0.	0.
29	29	60	W	0.	0.	0.
29	29	10	Qm-1	0.	0.	0.
29	29	12	Qm-1	0.	0.	0.
29	29	61	Qm-1	0.	0.	0.
29	29	60	Qm-1	0.	0.	0.
29	29	10	Qm-2	0.	0.	0.
29	29	12	Qm-2	0.	0.	0.
29	29	61	Qm-2	0.	0.	0.
29	29	60	Qm-2	0.	0.	0.
30	30	12	DEAD	0.	0.	0.
30	30	14	DEAD	0.	0.	0.
30	30	62	DEAD	0.	0.	0.
30	30	61	DEAD	0.	0.	0.
30	30	12	G1	0.	0.	0.
30	30	14	G1	0.	0.	0.
30	30	62	G1	0.	0.	0.
30	30	61	G1	0.	0.	0.
30	30	12	G2	0.	0.	0.
30	30	14	G2	0.	0.	0.
30	30	62	G2	0.	0.	0.
30	30	61	G2	0.	0.	0.
30	30	12	Qm	0.	0.	0.
30	30	14	Qm	0.	0.	0.
30	30	62	Qm	0.	0.	0.
30	30	61	Qm	0.	0.	0.
30	30	12	Qs	0.	0.	0.
30	30	14	Qs	0.	0.	0.

Table 27: Element Forces - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	F11	F22	F12
				KN/mm	KN/mm	KN/mm
30	30	62	Qs	0.	0.	0.
30	30	61	Qs	0.	0.	0.
30	30	12	T+	-0.88526	-0.88526	1.242E-16
30	30	14	T+	-0.88526	-0.88526	-5.944E-17
30	30	62	T+	-0.88526	-0.88526	-6.109E-17
30	30	61	T+	-0.88526	-0.88526	2.425E-16
30	30	12	T-	0.88526	0.88526	-1.242E-16
30	30	14	T-	0.88526	0.88526	5.944E-17
30	30	62	T-	0.88526	0.88526	6.109E-17
30	30	61	T-	0.88526	0.88526	-2.425E-16
30	30	12	W	0.	0.	0.
30	30	14	W	0.	0.	0.
30	30	62	W	0.	0.	0.
30	30	61	W	0.	0.	0.
30	30	12	Qm-1	0.	0.	0.
30	30	14	Qm-1	0.	0.	0.
30	30	62	Qm-1	0.	0.	0.
30	30	61	Qm-1	0.	0.	0.
30	30	12	Qm-2	0.	0.	0.
30	30	14	Qm-2	0.	0.	0.
30	30	62	Qm-2	0.	0.	0.
30	30	61	Qm-2	0.	0.	0.
31	31	14	DEAD	0.	0.	0.
31	31	16	DEAD	0.	0.	0.
31	31	63	DEAD	0.	0.	0.
31	31	62	DEAD	0.	0.	0.
31	31	14	G1	0.	0.	0.
31	31	16	G1	0.	0.	0.
31	31	63	G1	0.	0.	0.
31	31	62	G1	0.	0.	0.
31	31	14	G2	0.	0.	0.
31	31	16	G2	0.	0.	0.
31	31	63	G2	0.	0.	0.
31	31	62	G2	0.	0.	0.
31	31	14	Qm	0.	0.	0.
31	31	16	Qm	0.	0.	0.
31	31	63	Qm	0.	0.	0.
31	31	62	Qm	0.	0.	0.
31	31	14	Qs	0.	0.	0.
31	31	16	Qs	0.	0.	0.
31	31	63	Qs	0.	0.	0.
31	31	62	Qs	0.	0.	0.
31	31	14	T+	-0.88526	-0.88526	-1.752E-16
31	31	16	T+	-0.88526	-0.88526	-1.809E-16
31	31	63	T+	-0.88526	-0.88526	2.383E-16
31	31	62	T+	-0.88526	-0.88526	3.640E-16
31	31	14	T-	0.88526	0.88526	1.752E-16
31	31	16	T-	0.88526	0.88526	1.809E-16
31	31	63	T-	0.88526	0.88526	-2.383E-16
31	31	62	T-	0.88526	0.88526	-3.640E-16
31	31	14	W	0.	0.	0.
31	31	16	W	0.	0.	0.
31	31	63	W	0.	0.	0.
31	31	62	W	0.	0.	0.

Table 27: Element Forces - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	F11	F22	F12
				KN/mm	KN/mm	KN/mm
31	31	14	Qm-1	0.	0.	0.
31	31	16	Qm-1	0.	0.	0.
31	31	63	Qm-1	0.	0.	0.
31	31	62	Qm-1	0.	0.	0.
31	31	14	Qm-2	0.	0.	0.
31	31	16	Qm-2	0.	0.	0.
31	31	63	Qm-2	0.	0.	0.
31	31	62	Qm-2	0.	0.	0.
32	32	16	DEAD	0.	0.	0.
32	32	18	DEAD	0.	0.	0.
32	32	64	DEAD	0.	0.	0.
32	32	63	DEAD	0.	0.	0.
32	32	16	G1	0.	0.	0.
32	32	18	G1	0.	0.	0.
32	32	64	G1	0.	0.	0.
32	32	63	G1	0.	0.	0.
32	32	16	G2	0.	0.	0.
32	32	18	G2	0.	0.	0.
32	32	64	G2	0.	0.	0.
32	32	63	G2	0.	0.	0.
32	32	16	Qm	0.	0.	0.
32	32	18	Qm	0.	0.	0.
32	32	64	Qm	0.	0.	0.
32	32	63	Qm	0.	0.	0.
32	32	16	Qs	0.	0.	0.
32	32	18	Qs	0.	0.	0.
32	32	64	Qs	0.	0.	0.
32	32	63	Qs	0.	0.	0.
32	32	16	T+	-0.88526	-0.88526	2.792E-16
32	32	18	T+	-0.88526	-0.88526	8.472E-16
32	32	64	T+	-0.88526	-0.88526	-1.305E-16
32	32	63	T+	-0.88526	-0.88526	-7.385E-16
32	32	16	T-	0.88526	0.88526	-2.792E-16
32	32	18	T-	0.88526	0.88526	-8.472E-16
32	32	64	T-	0.88526	0.88526	1.305E-16
32	32	63	T-	0.88526	0.88526	7.385E-16
32	32	16	W	0.	0.	0.
32	32	18	W	0.	0.	0.
32	32	64	W	0.	0.	0.
32	32	63	W	0.	0.	0.
32	32	16	Qm-1	0.	0.	0.
32	32	18	Qm-1	0.	0.	0.
32	32	64	Qm-1	0.	0.	0.
32	32	63	Qm-1	0.	0.	0.
32	32	16	Qm-2	0.	0.	0.
32	32	18	Qm-2	0.	0.	0.
32	32	64	Qm-2	0.	0.	0.
32	32	63	Qm-2	0.	0.	0.
33	33	18	DEAD	0.	0.	0.
33	33	20	DEAD	0.	0.	0.
33	33	65	DEAD	0.	0.	0.
33	33	64	DEAD	0.	0.	0.
33	33	18	G1	0.	0.	0.
33	33	20	G1	0.	0.	0.

Table 27: Element Forces - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	F11	F22	F12
				KN/mm	KN/mm	KN/mm
33	33	65	G1	0.	0.	0.
33	33	64	G1	0.	0.	0.
33	33	18	G2	0.	0.	0.
33	33	20	G2	0.	0.	0.
33	33	65	G2	0.	0.	0.
33	33	64	G2	0.	0.	0.
33	33	18	Qm	0.	0.	0.
33	33	20	Qm	0.	0.	0.
33	33	65	Qm	0.	0.	0.
33	33	64	Qm	0.	0.	0.
33	33	18	Qs	0.	0.	0.
33	33	20	Qs	0.	0.	0.
33	33	65	Qs	0.	0.	0.
33	33	64	Qs	0.	0.	0.
33	33	18	T+	-0.88526	-0.88526	-2.815E-16
33	33	20	T+	-0.88526	-0.88526	8.869E-16
33	33	65	T+	-0.88526	-0.88526	2.427E-16
33	33	64	T+	-0.88526	-0.88526	-1.006E-15
33	33	18	T-	0.88526	0.88526	2.815E-16
33	33	20	T-	0.88526	0.88526	-8.869E-16
33	33	65	T-	0.88526	0.88526	-2.427E-16
33	33	64	T-	0.88526	0.88526	1.006E-15
33	33	18	W	0.	0.	0.
33	33	20	W	0.	0.	0.
33	33	65	W	0.	0.	0.
33	33	64	W	0.	0.	0.
33	33	18	Qm-1	0.	0.	0.
33	33	20	Qm-1	0.	0.	0.
33	33	65	Qm-1	0.	0.	0.
33	33	64	Qm-1	0.	0.	0.
33	33	18	Qm-2	0.	0.	0.
33	33	20	Qm-2	0.	0.	0.
33	33	65	Qm-2	0.	0.	0.
33	33	64	Qm-2	0.	0.	0.
34	34	20	DEAD	0.	0.	0.
34	34	22	DEAD	0.	0.	0.
34	34	66	DEAD	0.	0.	0.
34	34	65	DEAD	0.	0.	0.
34	34	20	G1	0.	0.	0.
34	34	22	G1	0.	0.	0.
34	34	66	G1	0.	0.	0.
34	34	65	G1	0.	0.	0.
34	34	20	G2	0.	0.	0.
34	34	22	G2	0.	0.	0.
34	34	66	G2	0.	0.	0.
34	34	65	G2	0.	0.	0.
34	34	20	Qm	0.	0.	0.
34	34	22	Qm	0.	0.	0.
34	34	66	Qm	0.	0.	0.
34	34	65	Qm	0.	0.	0.
34	34	20	Qs	0.	0.	0.
34	34	22	Qs	0.	0.	0.
34	34	66	Qs	0.	0.	0.
34	34	65	Qs	0.	0.	0.

Table 27: Element Forces - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	F11	F22	F12
				KN/mm	KN/mm	KN/mm
34	34	20	T+	-0.88526	-0.88526	-1.516E-16
34	34	22	T+	-0.88526	-0.88526	-4.696E-16
34	34	66	T+	-0.88526	-0.88526	-3.954E-17
34	34	65	T+	-0.88526	-0.88526	1.585E-16
34	34	20	T-	0.88526	0.88526	1.516E-16
34	34	22	T-	0.88526	0.88526	4.696E-16
34	34	66	T-	0.88526	0.88526	3.954E-17
34	34	65	T-	0.88526	0.88526	-1.585E-16
34	34	20	W	0.	0.	0.
34	34	22	W	0.	0.	0.
34	34	66	W	0.	0.	0.
34	34	65	W	0.	0.	0.
34	34	20	Qm-1	0.	0.	0.
34	34	22	Qm-1	0.	0.	0.
34	34	66	Qm-1	0.	0.	0.
34	34	65	Qm-1	0.	0.	0.
34	34	20	Qm-2	0.	0.	0.
34	34	22	Qm-2	0.	0.	0.
34	34	66	Qm-2	0.	0.	0.
34	34	65	Qm-2	0.	0.	0.
35	35	22	DEAD	0.	0.	0.
35	35	24	DEAD	0.	0.	0.
35	35	67	DEAD	0.	0.	0.
35	35	66	DEAD	0.	0.	0.
35	35	22	G1	0.	0.	0.
35	35	24	G1	0.	0.	0.
35	35	67	G1	0.	0.	0.
35	35	66	G1	0.	0.	0.
35	35	22	G2	0.	0.	0.
35	35	24	G2	0.	0.	0.
35	35	67	G2	0.	0.	0.
35	35	66	G2	0.	0.	0.
35	35	22	Qm	0.	0.	0.
35	35	24	Qm	0.	0.	0.
35	35	67	Qm	0.	0.	0.
35	35	66	Qm	0.	0.	0.
35	35	22	Qs	0.	0.	0.
35	35	24	Qs	0.	0.	0.
35	35	67	Qs	0.	0.	0.
35	35	66	Qs	0.	0.	0.
35	35	22	T+	-0.88526	-0.88526	-3.767E-16
35	35	24	T+	-0.88526	-0.88526	9.443E-16
35	35	67	T+	-0.88526	-0.88526	3.380E-16
35	35	66	T+	-0.88526	-0.88526	-1.063E-15
35	35	22	T-	0.88526	0.88526	3.767E-16
35	35	24	T-	0.88526	0.88526	-9.443E-16
35	35	67	T-	0.88526	0.88526	-3.380E-16
35	35	66	T-	0.88526	0.88526	1.063E-15
35	35	22	W	0.	0.	0.
35	35	24	W	0.	0.	0.
35	35	67	W	0.	0.	0.
35	35	66	W	0.	0.	0.
35	35	22	Qm-1	0.	0.	0.
35	35	24	Qm-1	0.	0.	0.

Table 27: Element Forces - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	F11	F22	F12
				KN/mm	KN/mm	KN/mm
35	35	67	Qm-1	0.	0.	0.
35	35	66	Qm-1	0.	0.	0.
35	35	22	Qm-2	0.	0.	0.
35	35	24	Qm-2	0.	0.	0.
35	35	67	Qm-2	0.	0.	0.
35	35	66	Qm-2	0.	0.	0.
36	36	24	DEAD	0.	0.	0.
36	36	26	DEAD	0.	0.	0.
36	36	68	DEAD	0.	0.	0.
36	36	67	DEAD	0.	0.	0.
36	36	24	G1	0.	0.	0.
36	36	26	G1	0.	0.	0.
36	36	68	G1	0.	0.	0.
36	36	67	G1	0.	0.	0.
36	36	24	G2	0.	0.	0.
36	36	26	G2	0.	0.	0.
36	36	68	G2	0.	0.	0.
36	36	67	G2	0.	0.	0.
36	36	24	Qm	0.	0.	0.
36	36	26	Qm	0.	0.	0.
36	36	68	Qm	0.	0.	0.
36	36	67	Qm	0.	0.	0.
36	36	24	Qs	0.	0.	0.
36	36	26	Qs	0.	0.	0.
36	36	68	Qs	0.	0.	0.
36	36	67	Qs	0.	0.	0.
36	36	24	T+	-0.88526	-0.88526	-1.735E-16
36	36	26	T+	-0.88526	-0.88526	-3.411E-16
36	36	68	T+	-0.88526	-0.88526	-5.137E-18
36	36	67	T+	-0.88526	-0.88526	2.477E-18
36	36	24	T-	0.88526	0.88526	1.735E-16
36	36	26	T-	0.88526	0.88526	3.411E-16
36	36	68	T-	0.88526	0.88526	5.137E-18
36	36	67	T-	0.88526	0.88526	-2.477E-18
36	36	24	W	0.	0.	0.
36	36	26	W	0.	0.	0.
36	36	68	W	0.	0.	0.
36	36	67	W	0.	0.	0.
36	36	24	Qm-1	0.	0.	0.
36	36	26	Qm-1	0.	0.	0.
36	36	68	Qm-1	0.	0.	0.
36	36	67	Qm-1	0.	0.	0.
36	36	24	Qm-2	0.	0.	0.
36	36	26	Qm-2	0.	0.	0.
36	36	68	Qm-2	0.	0.	0.
36	36	67	Qm-2	0.	0.	0.
37	37	26	DEAD	0.	0.	0.
37	37	28	DEAD	0.	0.	0.
37	37	69	DEAD	0.	0.	0.
37	37	68	DEAD	0.	0.	0.
37	37	26	G1	0.	0.	0.
37	37	28	G1	0.	0.	0.
37	37	69	G1	0.	0.	0.
37	37	68	G1	0.	0.	0.

Table 27: Element Forces - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	F11	F22	F12
				KN/mm	KN/mm	KN/mm
37	37	26	G2	0.	0.	0.
37	37	28	G2	0.	0.	0.
37	37	69	G2	0.	0.	0.
37	37	68	G2	0.	0.	0.
37	37	26	Qm	0.	0.	0.
37	37	28	Qm	0.	0.	0.
37	37	69	Qm	0.	0.	0.
37	37	68	Qm	0.	0.	0.
37	37	26	Qs	0.	0.	0.
37	37	28	Qs	0.	0.	0.
37	37	69	Qs	0.	0.	0.
37	37	68	Qs	0.	0.	0.
37	37	26	T+	-0.88526	-0.88526	-1.263E-16
37	37	28	T+	-0.88526	-0.88526	-5.534E-16
37	37	69	T+	-0.88526	-0.88526	5.984E-17
37	37	68	T+	-0.88526	-0.88526	4.070E-16
37	37	26	T-	0.88526	0.88526	1.263E-16
37	37	28	T-	0.88526	0.88526	5.534E-16
37	37	69	T-	0.88526	0.88526	-5.984E-17
37	37	68	T-	0.88526	0.88526	-4.070E-16
37	37	26	W	0.	0.	0.
37	37	28	W	0.	0.	0.
37	37	69	W	0.	0.	0.
37	37	68	W	0.	0.	0.
37	37	26	Qm-1	0.	0.	0.
37	37	28	Qm-1	0.	0.	0.
37	37	69	Qm-1	0.	0.	0.
37	37	68	Qm-1	0.	0.	0.
37	37	26	Qm-2	0.	0.	0.
37	37	28	Qm-2	0.	0.	0.
37	37	69	Qm-2	0.	0.	0.
37	37	68	Qm-2	0.	0.	0.
38	38	28	DEAD	0.	0.	0.
38	38	30	DEAD	0.	0.	0.
38	38	70	DEAD	0.	0.	0.
38	38	69	DEAD	0.	0.	0.
38	38	28	G1	0.	0.	0.
38	38	30	G1	0.	0.	0.
38	38	70	G1	0.	0.	0.
38	38	69	G1	0.	0.	0.
38	38	28	G2	0.	0.	0.
38	38	30	G2	0.	0.	0.
38	38	70	G2	0.	0.	0.
38	38	69	G2	0.	0.	0.
38	38	28	Qm	0.	0.	0.
38	38	30	Qm	0.	0.	0.
38	38	70	Qm	0.	0.	0.
38	38	69	Qm	0.	0.	0.
38	38	28	Qs	0.	0.	0.
38	38	30	Qs	0.	0.	0.
38	38	70	Qs	0.	0.	0.
38	38	69	Qs	0.	0.	0.
38	38	28	T+	-0.88526	-0.88526	1.107E-16
38	38	30	T+	-0.88526	-0.88526	1.040E-15

Table 27: Element Forces - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	F11	F22	F12
				KN/mm	KN/mm	KN/mm
38	38	70	T+	-0.88526	-0.88526	-8.380E-17
38	38	69	T+	-0.88526	-0.88526	-1.014E-15
38	38	28	T-	0.88526	0.88526	-1.107E-16
38	38	30	T-	0.88526	0.88526	-1.040E-15
38	38	70	T-	0.88526	0.88526	8.380E-17
38	38	69	T-	0.88526	0.88526	1.014E-15
38	38	28	W	0.	0.	0.
38	38	30	W	0.	0.	0.
38	38	70	W	0.	0.	0.
38	38	69	W	0.	0.	0.
38	38	28	Qm-1	0.	0.	0.
38	38	30	Qm-1	0.	0.	0.
38	38	70	Qm-1	0.	0.	0.
38	38	69	Qm-1	0.	0.	0.
38	38	28	Qm-2	0.	0.	0.
38	38	30	Qm-2	0.	0.	0.
38	38	70	Qm-2	0.	0.	0.
38	38	69	Qm-2	0.	0.	0.
39	39	30	DEAD	0.	0.	0.
39	39	32	DEAD	0.	0.	0.
39	39	71	DEAD	0.	0.	0.
39	39	70	DEAD	0.	0.	0.
39	39	30	G1	0.	0.	0.
39	39	32	G1	0.	0.	0.
39	39	71	G1	0.	0.	0.
39	39	70	G1	0.	0.	0.
39	39	30	G2	0.	0.	0.
39	39	32	G2	0.	0.	0.
39	39	71	G2	0.	0.	0.
39	39	70	G2	0.	0.	0.
39	39	30	Qm	0.	0.	0.
39	39	32	Qm	0.	0.	0.
39	39	71	Qm	0.	0.	0.
39	39	70	Qm	0.	0.	0.
39	39	30	Qs	0.	0.	0.
39	39	32	Qs	0.	0.	0.
39	39	71	Qs	0.	0.	0.
39	39	70	Qs	0.	0.	0.
39	39	30	T+	-0.88526	-0.88526	1.097E-17
39	39	32	T+	-0.88526	-0.88526	5.945E-16
39	39	71	T+	-0.88526	-0.88526	-2.887E-17
39	39	70	T+	-0.88526	-0.88526	-5.324E-16
39	39	30	T-	0.88526	0.88526	-1.097E-17
39	39	32	T-	0.88526	0.88526	-5.945E-16
39	39	71	T-	0.88526	0.88526	2.887E-17
39	39	70	T-	0.88526	0.88526	5.324E-16
39	39	30	W	0.	0.	0.
39	39	32	W	0.	0.	0.
39	39	71	W	0.	0.	0.
39	39	70	W	0.	0.	0.
39	39	30	Qm-1	0.	0.	0.
39	39	32	Qm-1	0.	0.	0.
39	39	71	Qm-1	0.	0.	0.
39	39	70	Qm-1	0.	0.	0.

Table 27: Element Forces - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	F11	F22	F12
				KN/mm	KN/mm	KN/mm
39	39	30	Qm-2	0.	0.	0.
39	39	32	Qm-2	0.	0.	0.
39	39	71	Qm-2	0.	0.	0.
39	39	70	Qm-2	0.	0.	0.
40	40	32	DEAD	0.	0.	0.
40	40	34	DEAD	0.	0.	0.
40	40	72	DEAD	0.	0.	0.
40	40	71	DEAD	0.	0.	0.
40	40	32	G1	0.	0.	0.
40	40	34	G1	0.	0.	0.
40	40	72	G1	0.	0.	0.
40	40	71	G1	0.	0.	0.
40	40	32	G2	0.	0.	0.
40	40	34	G2	0.	0.	0.
40	40	72	G2	0.	0.	0.
40	40	71	G2	0.	0.	0.
40	40	32	Qm	0.	0.	0.
40	40	34	Qm	0.	0.	0.
40	40	72	Qm	0.	0.	0.
40	40	71	Qm	0.	0.	0.
40	40	32	Qs	0.	0.	0.
40	40	34	Qs	0.	0.	0.
40	40	72	Qs	0.	0.	0.
40	40	71	Qs	0.	0.	0.
40	40	32	T+	-0.88526	-0.88526	-2.458E-16
40	40	34	T+	-0.88526	-0.88526	1.036E-15
40	40	72	T+	-0.88526	-0.88526	2.071E-16
40	40	71	T+	-0.88526	-0.88526	-1.155E-15
40	40	32	T-	0.88526	0.88526	2.458E-16
40	40	34	T-	0.88526	0.88526	-1.036E-15
40	40	72	T-	0.88526	0.88526	-2.071E-16
40	40	71	T-	0.88526	0.88526	1.155E-15
40	40	32	W	0.	0.	0.
40	40	34	W	0.	0.	0.
40	40	72	W	0.	0.	0.
40	40	71	W	0.	0.	0.
40	40	32	Qm-1	0.	0.	0.
40	40	34	Qm-1	0.	0.	0.
40	40	72	Qm-1	0.	0.	0.
40	40	71	Qm-1	0.	0.	0.
40	40	32	Qm-2	0.	0.	0.
40	40	34	Qm-2	0.	0.	0.
40	40	72	Qm-2	0.	0.	0.
40	40	71	Qm-2	0.	0.	0.
41	41	34	DEAD	0.	0.	0.
41	41	36	DEAD	0.	0.	0.
41	41	73	DEAD	0.	0.	0.
41	41	72	DEAD	0.	0.	0.
41	41	34	G1	0.	0.	0.
41	41	36	G1	0.	0.	0.
41	41	73	G1	0.	0.	0.
41	41	72	G1	0.	0.	0.
41	41	34	G2	0.	0.	0.
41	41	36	G2	0.	0.	0.

Table 27: Element Forces - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	F11	F22	F12
				KN/mm	KN/mm	KN/mm
41	41	73	G2	0.	0.	0.
41	41	72	G2	0.	0.	0.
41	41	34	Qm	0.	0.	0.
41	41	36	Qm	0.	0.	0.
41	41	73	Qm	0.	0.	0.
41	41	72	Qm	0.	0.	0.
41	41	34	Qs	0.	0.	0.
41	41	36	Qs	0.	0.	0.
41	41	73	Qs	0.	0.	0.
41	41	72	Qs	0.	0.	0.
41	41	34	T+	-0.88526	-0.88526	-2.270E-16
41	41	36	T+	-0.88526	-0.88526	-5.255E-16
41	41	73	T+	-0.88526	-0.88526	3.592E-17
41	41	72	T+	-0.88526	-0.88526	2.144E-16
41	41	34	T-	0.88526	0.88526	2.270E-16
41	41	36	T-	0.88526	0.88526	5.255E-16
41	41	73	T-	0.88526	0.88526	-3.592E-17
41	41	72	T-	0.88526	0.88526	-2.144E-16
41	41	34	W	0.	0.	0.
41	41	36	W	0.	0.	0.
41	41	73	W	0.	0.	0.
41	41	72	W	0.	0.	0.
41	41	34	Qm-1	0.	0.	0.
41	41	36	Qm-1	0.	0.	0.
41	41	73	Qm-1	0.	0.	0.
41	41	72	Qm-1	0.	0.	0.
41	41	34	Qm-2	0.	0.	0.
41	41	36	Qm-2	0.	0.	0.
41	41	73	Qm-2	0.	0.	0.
41	41	72	Qm-2	0.	0.	0.
42	42	36	DEAD	0.	0.	0.
42	42	38	DEAD	0.	0.	0.
42	42	74	DEAD	0.	0.	0.
42	42	73	DEAD	0.	0.	0.
42	42	36	G1	0.	0.	0.
42	42	38	G1	0.	0.	0.
42	42	74	G1	0.	0.	0.
42	42	73	G1	0.	0.	0.
42	42	36	G2	0.	0.	0.
42	42	38	G2	0.	0.	0.
42	42	74	G2	0.	0.	0.
42	42	73	G2	0.	0.	0.
42	42	36	Qm	0.	0.	0.
42	42	38	Qm	0.	0.	0.
42	42	74	Qm	0.	0.	0.
42	42	73	Qm	0.	0.	0.
42	42	36	Qs	0.	0.	0.
42	42	38	Qs	0.	0.	0.
42	42	74	Qs	0.	0.	0.
42	42	73	Qs	0.	0.	0.
42	42	36	T+	-0.88526	-0.88526	1.484E-17
42	42	38	T+	-0.88526	-0.88526	-5.265E-16
42	42	74	T+	-0.88526	-0.88526	4.063E-17
42	42	73	T+	-0.88526	-0.88526	6.220E-16

Table 27: Element Forces - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	F11	F22	F12
				KN/mm	KN/mm	KN/mm
42	42	36	T-	0.88526	0.88526	-1.484E-17
42	42	38	T-	0.88526	0.88526	5.265E-16
42	42	74	T-	0.88526	0.88526	-4.063E-17
42	42	73	T-	0.88526	0.88526	-6.220E-16
42	42	36	W	0.	0.	0.
42	42	38	W	0.	0.	0.
42	42	74	W	0.	0.	0.
42	42	73	W	0.	0.	0.
42	42	36	Qm-1	0.	0.	0.
42	42	38	Qm-1	0.	0.	0.
42	42	74	Qm-1	0.	0.	0.
42	42	73	Qm-1	0.	0.	0.
42	42	36	Qm-2	0.	0.	0.
42	42	38	Qm-2	0.	0.	0.
42	42	74	Qm-2	0.	0.	0.
42	42	73	Qm-2	0.	0.	0.
43	43	38	DEAD	0.	0.	0.
43	43	40	DEAD	0.	0.	0.
43	43	75	DEAD	0.	0.	0.
43	43	74	DEAD	0.	0.	0.
43	43	38	G1	0.	0.	0.
43	43	40	G1	0.	0.	0.
43	43	75	G1	0.	0.	0.
43	43	74	G1	0.	0.	0.
43	43	38	G2	0.	0.	0.
43	43	40	G2	0.	0.	0.
43	43	75	G2	0.	0.	0.
43	43	74	G2	0.	0.	0.
43	43	38	Qm	0.	0.	0.
43	43	40	Qm	0.	0.	0.
43	43	75	Qm	0.	0.	0.
43	43	74	Qm	0.	0.	0.
43	43	38	Qs	0.	0.	0.
43	43	40	Qs	0.	0.	0.
43	43	75	Qs	0.	0.	0.
43	43	74	Qs	0.	0.	0.
43	43	38	T+	-0.88526	-0.88526	1.335E-16
43	43	40	T+	-0.88526	-0.88526	-3.290E-18
43	43	75	T+	-0.88526	-0.88526	-3.553E-18
43	43	74	T+	-0.88526	-0.88526	5.326E-17
43	43	38	T-	0.88526	0.88526	-1.335E-16
43	43	40	T-	0.88526	0.88526	3.290E-18
43	43	75	T-	0.88526	0.88526	3.553E-18
43	43	74	T-	0.88526	0.88526	-5.326E-17
43	43	38	W	0.	0.	0.
43	43	40	W	0.	0.	0.
43	43	75	W	0.	0.	0.
43	43	74	W	0.	0.	0.
43	43	38	Qm-1	0.	0.	0.
43	43	40	Qm-1	0.	0.	0.
43	43	75	Qm-1	0.	0.	0.
43	43	74	Qm-1	0.	0.	0.
43	43	38	Qm-2	0.	0.	0.
43	43	40	Qm-2	0.	0.	0.

Table 27: Element Forces - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	F11	F22	F12
				KN/mm	KN/mm	KN/mm
43	43	75	Qm-2	0.	0.	0.
43	43	74	Qm-2	0.	0.	0.
44	44	40	DEAD	0.	0.	0.
44	44	42	DEAD	0.	0.	0.
44	44	76	DEAD	0.	0.	0.
44	44	75	DEAD	0.	0.	0.
44	44	40	G1	0.	0.	0.
44	44	42	G1	0.	0.	0.
44	44	76	G1	0.	0.	0.
44	44	75	G1	0.	0.	0.
44	44	40	G2	0.	0.	0.
44	44	42	G2	0.	0.	0.
44	44	76	G2	0.	0.	0.
44	44	75	G2	0.	0.	0.
44	44	40	Qm	0.	0.	0.
44	44	42	Qm	0.	0.	0.
44	44	76	Qm	0.	0.	0.
44	44	75	Qm	0.	0.	0.
44	44	40	Qs	0.	0.	0.
44	44	42	Qs	0.	0.	0.
44	44	76	Qs	0.	0.	0.
44	44	75	Qs	0.	0.	0.
44	44	40	T+	-0.88526	-0.88526	1.425E-17
44	44	42	T+	-0.88526	-0.88526	-9.213E-16
44	44	76	T+	-0.88526	-0.88526	-5.384E-17
44	44	75	T+	-0.88526	-0.88526	8.018E-16
44	44	40	T-	0.88526	0.88526	-1.425E-17
44	44	42	T-	0.88526	0.88526	9.213E-16
44	44	76	T-	0.88526	0.88526	5.384E-17
44	44	75	T-	0.88526	0.88526	-8.018E-16
44	44	40	W	0.	0.	0.
44	44	42	W	0.	0.	0.
44	44	76	W	0.	0.	0.
44	44	75	W	0.	0.	0.
44	44	40	Qm-1	0.	0.	0.
44	44	42	Qm-1	0.	0.	0.
44	44	76	Qm-1	0.	0.	0.
44	44	75	Qm-1	0.	0.	0.
44	44	40	Qm-2	0.	0.	0.
44	44	42	Qm-2	0.	0.	0.
44	44	76	Qm-2	0.	0.	0.
44	44	75	Qm-2	0.	0.	0.
45	45	42	DEAD	0.	0.	0.
45	45	44	DEAD	0.	0.	0.
45	45	77	DEAD	0.	0.	0.
45	45	76	DEAD	0.	0.	0.
45	45	42	G1	0.	0.	0.
45	45	44	G1	0.	0.	0.
45	45	77	G1	0.	0.	0.
45	45	76	G1	0.	0.	0.
45	45	42	G2	0.	0.	0.
45	45	44	G2	0.	0.	0.
45	45	77	G2	0.	0.	0.
45	45	76	G2	0.	0.	0.

Table 27: Element Forces - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	F11	F22	F12
				KN/mm	KN/mm	KN/mm
45	45	42	Qm	0.	0.	0.
45	45	44	Qm	0.	0.	0.
45	45	77	Qm	0.	0.	0.
45	45	76	Qm	0.	0.	0.
45	45	42	Qs	0.	0.	0.
45	45	44	Qs	0.	0.	0.
45	45	77	Qs	0.	0.	0.
45	45	76	Qs	0.	0.	0.
45	45	42	T+	-0.88526	-0.88526	1.835E-16
45	45	44	T+	-0.88526	-0.88526	2.314E-15
45	45	77	T+	-0.88526	-0.88526	-1.075E-16
45	45	76	T+	-0.88526	-0.88526	-2.358E-15
45	45	42	T-	0.88526	0.88526	-1.835E-16
45	45	44	T-	0.88526	0.88526	-2.314E-15
45	45	77	T-	0.88526	0.88526	1.075E-16
45	45	76	T-	0.88526	0.88526	2.358E-15
45	45	42	W	0.	0.	0.
45	45	44	W	0.	0.	0.
45	45	77	W	0.	0.	0.
45	45	76	W	0.	0.	0.
45	45	42	Qm-1	0.	0.	0.
45	45	44	Qm-1	0.	0.	0.
45	45	77	Qm-1	0.	0.	0.
45	45	76	Qm-1	0.	0.	0.
45	45	42	Qm-2	0.	0.	0.
45	45	44	Qm-2	0.	0.	0.
45	45	77	Qm-2	0.	0.	0.
45	45	76	Qm-2	0.	0.	0.
46	46	44	DEAD	0.	0.	0.
46	46	46	DEAD	0.	0.	0.
46	46	78	DEAD	0.	0.	0.
46	46	77	DEAD	0.	0.	0.
46	46	44	G1	0.	0.	0.
46	46	46	G1	0.	0.	0.
46	46	78	G1	0.	0.	0.
46	46	77	G1	0.	0.	0.
46	46	44	G2	0.	0.	0.
46	46	46	G2	0.	0.	0.
46	46	78	G2	0.	0.	0.
46	46	77	G2	0.	0.	0.
46	46	44	Qm	0.	0.	0.
46	46	46	Qm	0.	0.	0.
46	46	78	Qm	0.	0.	0.
46	46	77	Qm	0.	0.	0.
46	46	44	Qs	0.	0.	0.
46	46	46	Qs	0.	0.	0.
46	46	78	Qs	0.	0.	0.
46	46	77	Qs	0.	0.	0.
46	46	44	T+	-0.88526	-0.88526	-1.539E-16
46	46	46	T+	-0.88526	-0.88526	-6.868E-17
46	46	78	T+	-0.88526	-0.88526	6.962E-17
46	46	77	T+	-0.88526	-0.88526	-9.554E-17
46	46	44	T-	0.88526	0.88526	1.539E-16
46	46	46	T-	0.88526	0.88526	6.868E-17

Table 27: Element Forces - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	F11	F22	F12
				KN/mm	KN/mm	KN/mm
46	46	78	T-	0.88526	0.88526	-6.962E-17
46	46	77	T-	0.88526	0.88526	9.554E-17
46	46	44	W	0.	0.	0.
46	46	46	W	0.	0.	0.
46	46	78	W	0.	0.	0.
46	46	77	W	0.	0.	0.
46	46	44	Qm-1	0.	0.	0.
46	46	46	Qm-1	0.	0.	0.
46	46	78	Qm-1	0.	0.	0.
46	46	77	Qm-1	0.	0.	0.
46	46	44	Qm-2	0.	0.	0.
46	46	46	Qm-2	0.	0.	0.
46	46	78	Qm-2	0.	0.	0.
46	46	77	Qm-2	0.	0.	0.
47	47	46	DEAD	0.	0.	0.
47	47	48	DEAD	0.	0.	0.
47	47	79	DEAD	0.	0.	0.
47	47	78	DEAD	0.	0.	0.
47	47	46	G1	0.	0.	0.
47	47	48	G1	0.	0.	0.
47	47	79	G1	0.	0.	0.
47	47	78	G1	0.	0.	0.
47	47	46	G2	0.	0.	0.
47	47	48	G2	0.	0.	0.
47	47	79	G2	0.	0.	0.
47	47	78	G2	0.	0.	0.
47	47	46	Qm	0.	0.	0.
47	47	48	Qm	0.	0.	0.
47	47	79	Qm	0.	0.	0.
47	47	78	Qm	0.	0.	0.
47	47	46	Qs	0.	0.	0.
47	47	48	Qs	0.	0.	0.
47	47	79	Qs	0.	0.	0.
47	47	78	Qs	0.	0.	0.
47	47	46	T+	-0.88526	-0.88526	6.006E-17
47	47	48	T+	-0.88526	-0.88526	-8.098E-16
47	47	79	T+	-0.88526	-0.88526	-3.679E-17
47	47	78	T+	-0.88526	-0.88526	8.330E-16
47	47	46	T-	0.88526	0.88526	-6.006E-17
47	47	48	T-	0.88526	0.88526	8.098E-16
47	47	79	T-	0.88526	0.88526	3.679E-17
47	47	78	T-	0.88526	0.88526	-8.330E-16
47	47	46	W	0.	0.	0.
47	47	48	W	0.	0.	0.
47	47	79	W	0.	0.	0.
47	47	78	W	0.	0.	0.
47	47	46	Qm-1	0.	0.	0.
47	47	48	Qm-1	0.	0.	0.
47	47	79	Qm-1	0.	0.	0.
47	47	78	Qm-1	0.	0.	0.
47	47	46	Qm-2	0.	0.	0.
47	47	48	Qm-2	0.	0.	0.
47	47	79	Qm-2	0.	0.	0.
47	47	78	Qm-2	0.	0.	0.

Table 27: Element Forces - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	F11	F22	F12
				KN/mm	KN/mm	KN/mm
48	48	48	DEAD	0.	0.	0.
48	48	50	DEAD	0.	0.	0.
48	48	80	DEAD	0.	0.	0.
48	48	79	DEAD	0.	0.	0.
48	48	48	G1	0.	0.	0.
48	48	50	G1	0.	0.	0.
48	48	80	G1	0.	0.	0.
48	48	79	G1	0.	0.	0.
48	48	48	G2	0.	0.	0.
48	48	50	G2	0.	0.	0.
48	48	80	G2	0.	0.	0.
48	48	79	G2	0.	0.	0.
48	48	48	Qm	0.	0.	0.
48	48	50	Qm	0.	0.	0.
48	48	80	Qm	0.	0.	0.
48	48	79	Qm	0.	0.	0.
48	48	48	Qs	0.	0.	0.
48	48	50	Qs	0.	0.	0.
48	48	80	Qs	0.	0.	0.
48	48	79	Qs	0.	0.	0.
48	48	48	T+	-0.88526	-0.88526	2.979E-17
48	48	50	T+	-0.88526	-0.88526	-8.788E-16
48	48	80	T+	-0.88526	-0.88526	-4.753E-17
48	48	79	T+	-0.88526	-0.88526	8.610E-16
48	48	48	T-	0.88526	0.88526	-2.979E-17
48	48	50	T-	0.88526	0.88526	8.788E-16
48	48	80	T-	0.88526	0.88526	4.753E-17
48	48	79	T-	0.88526	0.88526	-8.610E-16
48	48	48	W	0.	0.	0.
48	48	50	W	0.	0.	0.
48	48	80	W	0.	0.	0.
48	48	79	W	0.	0.	0.
48	48	48	Qm-1	0.	0.	0.
48	48	50	Qm-1	0.	0.	0.
48	48	80	Qm-1	0.	0.	0.
48	48	79	Qm-1	0.	0.	0.
48	48	48	Qm-2	0.	0.	0.
48	48	50	Qm-2	0.	0.	0.
48	48	80	Qm-2	0.	0.	0.
48	48	79	Qm-2	0.	0.	0.
49	49	50	DEAD	0.	0.	0.
49	49	52	DEAD	0.	0.	0.
49	49	81	DEAD	0.	0.	0.
49	49	80	DEAD	0.	0.	0.
49	49	50	G1	0.	0.	0.
49	49	52	G1	0.	0.	0.
49	49	81	G1	0.	0.	0.
49	49	80	G1	0.	0.	0.
49	49	50	G2	0.	0.	0.
49	49	52	G2	0.	0.	0.
49	49	81	G2	0.	0.	0.
49	49	80	G2	0.	0.	0.
49	49	50	Qm	0.	0.	0.
49	49	52	Qm	0.	0.	0.

Table 27: Element Forces - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	F11	F22	F12
				KN/mm	KN/mm	KN/mm
49	49	81	Qm	0.	0.	0.
49	49	80	Qm	0.	0.	0.
49	49	50	Qs	0.	0.	0.
49	49	52	Qs	0.	0.	0.
49	49	81	Qs	0.	0.	0.
49	49	80	Qs	0.	0.	0.
49	49	50	T+	-0.88526	-0.88526	-1.585E-16
49	49	52	T+	-0.88526	-0.88526	-7.368E-17
49	49	81	T+	-0.88526	-0.88526	-9.968E-17
49	49	80	T+	-0.88526	-0.88526	-1.045E-16
49	49	50	T-	0.88526	0.88526	1.585E-16
49	49	52	T-	0.88526	0.88526	7.368E-17
49	49	81	T-	0.88526	0.88526	9.968E-17
49	49	80	T-	0.88526	0.88526	1.045E-16
49	49	50	W	0.	0.	0.
49	49	52	W	0.	0.	0.
49	49	81	W	0.	0.	0.
49	49	80	W	0.	0.	0.
49	49	50	Qm-1	0.	0.	0.
49	49	52	Qm-1	0.	0.	0.
49	49	81	Qm-1	0.	0.	0.
49	49	80	Qm-1	0.	0.	0.
49	49	50	Qm-2	0.	0.	0.
49	49	52	Qm-2	0.	0.	0.
49	49	81	Qm-2	0.	0.	0.
49	49	80	Qm-2	0.	0.	0.
50	50	52	DEAD	0.	0.	0.
50	50	54	DEAD	0.	0.	0.
50	50	82	DEAD	0.	0.	0.
50	50	81	DEAD	0.	0.	0.
50	50	52	G1	0.	0.	0.
50	50	54	G1	0.	0.	0.
50	50	82	G1	0.	0.	0.
50	50	81	G1	0.	0.	0.
50	50	52	G2	0.	0.	0.
50	50	54	G2	0.	0.	0.
50	50	82	G2	0.	0.	0.
50	50	81	G2	0.	0.	0.
50	50	52	Qm	0.	0.	0.
50	50	54	Qm	0.	0.	0.
50	50	82	Qm	0.	0.	0.
50	50	81	Qm	0.	0.	0.
50	50	52	Qs	0.	0.	0.
50	50	54	Qs	0.	0.	0.
50	50	82	Qs	0.	0.	0.
50	50	81	Qs	0.	0.	0.
50	50	52	T+	-0.88526	-0.88526	-2.817E-17
50	50	54	T+	-0.88526	-0.88526	-2.692E-16
50	50	82	T+	-0.88526	-0.88526	9.198E-17
50	50	81	T+	-0.88526	-0.88526	3.331E-16
50	50	52	T-	0.88526	0.88526	2.817E-17
50	50	54	T-	0.88526	0.88526	2.692E-16
50	50	82	T-	0.88526	0.88526	-9.198E-17
50	50	81	T-	0.88526	0.88526	-3.331E-16

Table 27: Element Forces - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	F11	F22	F12
				KN/mm	KN/mm	KN/mm
50	50	52	W	0.	0.	0.
50	50	54	W	0.	0.	0.
50	50	82	W	0.	0.	0.
50	50	81	W	0.	0.	0.
50	50	52	Qm-1	0.	0.	0.
50	50	54	Qm-1	0.	0.	0.
50	50	82	Qm-1	0.	0.	0.
50	50	81	Qm-1	0.	0.	0.
50	50	52	Qm-2	0.	0.	0.
50	50	54	Qm-2	0.	0.	0.
50	50	82	Qm-2	0.	0.	0.
50	50	81	Qm-2	0.	0.	0.
51	51	54	DEAD	0.	0.	0.
51	51	56	DEAD	0.	0.	0.
51	51	83	DEAD	0.	0.	0.
51	51	82	DEAD	0.	0.	0.
51	51	54	G1	0.	0.	0.
51	51	56	G1	0.	0.	0.
51	51	83	G1	0.	0.	0.
51	51	82	G1	0.	0.	0.
51	51	54	G2	0.	0.	0.
51	51	56	G2	0.	0.	0.
51	51	83	G2	0.	0.	0.
51	51	82	G2	0.	0.	0.
51	51	54	Qm	0.	0.	0.
51	51	56	Qm	0.	0.	0.
51	51	83	Qm	0.	0.	0.
51	51	82	Qm	0.	0.	0.
51	51	54	Qs	0.	0.	0.
51	51	56	Qs	0.	0.	0.
51	51	83	Qs	0.	0.	0.
51	51	82	Qs	0.	0.	0.
51	51	54	T+	-0.88526	-0.88526	-1.796E-16
51	51	56	T+	-0.88526	-0.88526	-4.653E-16
51	51	83	T+	-0.88526	-0.88526	2.504E-16
51	51	82	T+	-0.88526	-0.88526	4.561E-16
51	51	54	T-	0.88526	0.88526	1.796E-16
51	51	56	T-	0.88526	0.88526	4.653E-16
51	51	83	T-	0.88526	0.88526	-2.504E-16
51	51	82	T-	0.88526	0.88526	-4.561E-16
51	51	54	W	0.	0.	0.
51	51	56	W	0.	0.	0.
51	51	83	W	0.	0.	0.
51	51	82	W	0.	0.	0.
51	51	54	Qm-1	0.	0.	0.
51	51	56	Qm-1	0.	0.	0.
51	51	83	Qm-1	0.	0.	0.
51	51	82	Qm-1	0.	0.	0.
51	51	54	Qm-2	0.	0.	0.
51	51	56	Qm-2	0.	0.	0.
51	51	83	Qm-2	0.	0.	0.
51	51	82	Qm-2	0.	0.	0.
52	52	56	DEAD	0.	0.	0.
52	52	58	DEAD	0.	0.	0.

Table 27: Element Forces - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	F11	F22	F12
				KN/mm	KN/mm	KN/mm
52	52	84	DEAD	0.	0.	0.
52	52	83	DEAD	0.	0.	0.
52	52	56	G1	0.	0.	0.
52	52	58	G1	0.	0.	0.
52	52	84	G1	0.	0.	0.
52	52	83	G1	0.	0.	0.
52	52	56	G2	0.	0.	0.
52	52	58	G2	0.	0.	0.
52	52	84	G2	0.	0.	0.
52	52	83	G2	0.	0.	0.
52	52	56	Qm	0.	0.	0.
52	52	58	Qm	0.	0.	0.
52	52	84	Qm	0.	0.	0.
52	52	83	Qm	0.	0.	0.
52	52	56	Qs	0.	0.	0.
52	52	58	Qs	0.	0.	0.
52	52	84	Qs	0.	0.	0.
52	52	83	Qs	0.	0.	0.
52	52	56	T+	-0.88526	-0.88526	1.050E-16
52	52	58	T+	-0.88526	-0.88526	6.657E-16
52	52	84	T+	-0.88526	-0.88526	1.208E-16
52	52	83	T+	-0.88526	-0.88526	-4.399E-16
52	52	56	T-	0.88526	0.88526	-1.050E-16
52	52	58	T-	0.88526	0.88526	-6.657E-16
52	52	84	T-	0.88526	0.88526	-1.208E-16
52	52	83	T-	0.88526	0.88526	4.399E-16
52	52	56	W	0.	0.	0.
52	52	58	W	0.	0.	0.
52	52	84	W	0.	0.	0.
52	52	83	W	0.	0.	0.
52	52	56	Qm-1	0.	0.	0.
52	52	58	Qm-1	0.	0.	0.
52	52	84	Qm-1	0.	0.	0.
52	52	83	Qm-1	0.	0.	0.
52	52	56	Qm-2	0.	0.	0.
52	52	58	Qm-2	0.	0.	0.
52	52	84	Qm-2	0.	0.	0.
52	52	83	Qm-2	0.	0.	0.
53	53	59	DEAD	0.	0.	0.
53	53	60	DEAD	0.	0.	0.
53	53	86	DEAD	0.	0.	0.
53	53	85	DEAD	0.	0.	0.
53	53	59	G1	0.	0.	0.
53	53	60	G1	0.	0.	0.
53	53	86	G1	0.	0.	0.
53	53	85	G1	0.	0.	0.
53	53	59	G2	0.	0.	0.
53	53	60	G2	0.	0.	0.
53	53	86	G2	0.	0.	0.
53	53	85	G2	0.	0.	0.
53	53	59	Qm	0.	0.	0.
53	53	60	Qm	0.	0.	0.
53	53	86	Qm	0.	0.	0.
53	53	85	Qm	0.	0.	0.

Table 27: Element Forces - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	F11	F22	F12
				KN/mm	KN/mm	KN/mm
53	53	59	Qs	0.	0.	0.
53	53	60	Qs	0.	0.	0.
53	53	86	Qs	0.	0.	0.
53	53	85	Qs	0.	0.	0.
53	53	59	T+	-0.88526	-0.88526	-1.195E-17
53	53	60	T+	-0.88526	-0.88526	-1.218E-15
53	53	86	T+	-0.88526	-0.88526	5.356E-17
53	53	85	T+	-0.88526	-0.88526	1.300E-15
53	53	59	T-	0.88526	0.88526	1.195E-17
53	53	60	T-	0.88526	0.88526	1.218E-15
53	53	86	T-	0.88526	0.88526	-5.356E-17
53	53	85	T-	0.88526	0.88526	-1.300E-15
53	53	59	W	0.	0.	0.
53	53	60	W	0.	0.	0.
53	53	86	W	0.	0.	0.
53	53	85	W	0.	0.	0.
53	53	59	Qm-1	0.	0.	0.
53	53	60	Qm-1	0.	0.	0.
53	53	86	Qm-1	0.	0.	0.
53	53	85	Qm-1	0.	0.	0.
53	53	59	Qm-2	0.	0.	0.
53	53	60	Qm-2	0.	0.	0.
53	53	86	Qm-2	0.	0.	0.
53	53	85	Qm-2	0.	0.	0.
54	54	60	DEAD	0.	0.	0.
54	54	61	DEAD	0.	0.	0.
54	54	87	DEAD	0.	0.	0.
54	54	86	DEAD	0.	0.	0.
54	54	60	G1	0.	0.	0.
54	54	61	G1	0.	0.	0.
54	54	87	G1	0.	0.	0.
54	54	86	G1	0.	0.	0.
54	54	60	G2	0.	0.	0.
54	54	61	G2	0.	0.	0.
54	54	87	G2	0.	0.	0.
54	54	86	G2	0.	0.	0.
54	54	60	Qm	0.	0.	0.
54	54	61	Qm	0.	0.	0.
54	54	87	Qm	0.	0.	0.
54	54	86	Qm	0.	0.	0.
54	54	60	Qs	0.	0.	0.
54	54	61	Qs	0.	0.	0.
54	54	87	Qs	0.	0.	0.
54	54	86	Qs	0.	0.	0.
54	54	60	T+	-0.88526	-0.88526	-1.694E-16
54	54	61	T+	-0.88526	-0.88526	-1.379E-17
54	54	87	T+	-0.88526	-0.88526	1.052E-16
54	54	86	T+	-0.88526	-0.88526	-1.033E-17
54	54	60	T-	0.88526	0.88526	1.694E-16
54	54	61	T-	0.88526	0.88526	1.379E-17
54	54	87	T-	0.88526	0.88526	-1.052E-16
54	54	86	T-	0.88526	0.88526	1.033E-17
54	54	60	W	0.	0.	0.
54	54	61	W	0.	0.	0.

Table 27: Element Forces - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	F11	F22	F12
				KN/mm	KN/mm	KN/mm
54	54	87	W	0.	0.	0.
54	54	86	W	0.	0.	0.
54	54	60	Qm-1	0.	0.	0.
54	54	61	Qm-1	0.	0.	0.
54	54	87	Qm-1	0.	0.	0.
54	54	86	Qm-1	0.	0.	0.
54	54	60	Qm-2	0.	0.	0.
54	54	61	Qm-2	0.	0.	0.
54	54	87	Qm-2	0.	0.	0.
54	54	86	Qm-2	0.	0.	0.
55	55	61	DEAD	0.	0.	0.
55	55	62	DEAD	0.	0.	0.
55	55	88	DEAD	0.	0.	0.
55	55	87	DEAD	0.	0.	0.
55	55	61	G1	0.	0.	0.
55	55	62	G1	0.	0.	0.
55	55	88	G1	0.	0.	0.
55	55	87	G1	0.	0.	0.
55	55	61	G2	0.	0.	0.
55	55	62	G2	0.	0.	0.
55	55	88	G2	0.	0.	0.
55	55	87	G2	0.	0.	0.
55	55	61	Qm	0.	0.	0.
55	55	62	Qm	0.	0.	0.
55	55	88	Qm	0.	0.	0.
55	55	87	Qm	0.	0.	0.
55	55	61	Qs	0.	0.	0.
55	55	62	Qs	0.	0.	0.
55	55	88	Qs	0.	0.	0.
55	55	87	Qs	0.	0.	0.
55	55	61	T+	-0.88526	-0.88526	-1.613E-16
55	55	62	T+	-0.88526	-0.88526	-1.776E-16
55	55	88	T+	-0.88526	-0.88526	2.244E-16
55	55	87	T+	-0.88526	-0.88526	3.607E-16
55	55	61	T-	0.88526	0.88526	1.613E-16
55	55	62	T-	0.88526	0.88526	1.776E-16
55	55	88	T-	0.88526	0.88526	-2.244E-16
55	55	87	T-	0.88526	0.88526	-3.607E-16
55	55	61	W	0.	0.	0.
55	55	62	W	0.	0.	0.
55	55	88	W	0.	0.	0.
55	55	87	W	0.	0.	0.
55	55	61	Qm-1	0.	0.	0.
55	55	62	Qm-1	0.	0.	0.
55	55	88	Qm-1	0.	0.	0.
55	55	87	Qm-1	0.	0.	0.
55	55	61	Qm-2	0.	0.	0.
55	55	62	Qm-2	0.	0.	0.
55	55	88	Qm-2	0.	0.	0.
55	55	87	Qm-2	0.	0.	0.
56	56	62	DEAD	0.	0.	0.
56	56	63	DEAD	0.	0.	0.
56	56	89	DEAD	0.	0.	0.
56	56	88	DEAD	0.	0.	0.

Table 27: Element Forces - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	F11	F22	F12
				KN/mm	KN/mm	KN/mm
56	56	62	G1	0.	0.	0.
56	56	63	G1	0.	0.	0.
56	56	89	G1	0.	0.	0.
56	56	88	G1	0.	0.	0.
56	56	62	G2	0.	0.	0.
56	56	63	G2	0.	0.	0.
56	56	89	G2	0.	0.	0.
56	56	88	G2	0.	0.	0.
56	56	62	Qm	0.	0.	0.
56	56	63	Qm	0.	0.	0.
56	56	89	Qm	0.	0.	0.
56	56	88	Qm	0.	0.	0.
56	56	62	Qs	0.	0.	0.
56	56	63	Qs	0.	0.	0.
56	56	89	Qs	0.	0.	0.
56	56	88	Qs	0.	0.	0.
56	56	62	T+	-0.88526	-0.88526	-1.451E-18
56	56	63	T+	-0.88526	-0.88526	-9.925E-16
56	56	89	T+	-0.88526	-0.88526	-2.624E-16
56	56	88	T+	-0.88526	-0.88526	7.687E-16
56	56	62	T-	0.88526	0.88526	1.451E-18
56	56	63	T-	0.88526	0.88526	9.925E-16
56	56	89	T-	0.88526	0.88526	2.624E-16
56	56	88	T-	0.88526	0.88526	-7.687E-16
56	56	62	W	0.	0.	0.
56	56	63	W	0.	0.	0.
56	56	89	W	0.	0.	0.
56	56	88	W	0.	0.	0.
56	56	62	Qm-1	0.	0.	0.
56	56	63	Qm-1	0.	0.	0.
56	56	89	Qm-1	0.	0.	0.
56	56	88	Qm-1	0.	0.	0.
56	56	62	Qm-2	0.	0.	0.
56	56	63	Qm-2	0.	0.	0.
56	56	89	Qm-2	0.	0.	0.
56	56	88	Qm-2	0.	0.	0.
57	57	63	DEAD	0.	0.	0.
57	57	64	DEAD	0.	0.	0.
57	57	90	DEAD	0.	0.	0.
57	57	89	DEAD	0.	0.	0.
57	57	63	G1	0.	0.	0.
57	57	64	G1	0.	0.	0.
57	57	90	G1	0.	0.	0.
57	57	89	G1	0.	0.	0.
57	57	63	G2	0.	0.	0.
57	57	64	G2	0.	0.	0.
57	57	90	G2	0.	0.	0.
57	57	89	G2	0.	0.	0.
57	57	63	Qm	0.	0.	0.
57	57	64	Qm	0.	0.	0.
57	57	90	Qm	0.	0.	0.
57	57	89	Qm	0.	0.	0.
57	57	63	Qs	0.	0.	0.
57	57	64	Qs	0.	0.	0.

Table 27: Element Forces - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	F11	F22	F12
				KN/mm	KN/mm	KN/mm
57	57	90	Qs	0.	0.	0.
57	57	89	Qs	0.	0.	0.
57	57	63	T+	-0.88526	-0.88526	-3.066E-16
57	57	64	T+	-0.88526	-0.88526	-5.225E-16
57	57	90	T+	-0.88526	-0.88526	3.998E-16
57	57	89	T+	-0.88526	-0.88526	5.356E-16
57	57	63	T-	0.88526	0.88526	3.066E-16
57	57	64	T-	0.88526	0.88526	5.225E-16
57	57	90	T-	0.88526	0.88526	-3.998E-16
57	57	89	T-	0.88526	0.88526	-5.356E-16
57	57	63	W	0.	0.	0.
57	57	64	W	0.	0.	0.
57	57	90	W	0.	0.	0.
57	57	89	W	0.	0.	0.
57	57	63	Qm-1	0.	0.	0.
57	57	64	Qm-1	0.	0.	0.
57	57	90	Qm-1	0.	0.	0.
57	57	89	Qm-1	0.	0.	0.
57	57	63	Qm-2	0.	0.	0.
57	57	64	Qm-2	0.	0.	0.
57	57	90	Qm-2	0.	0.	0.
57	57	89	Qm-2	0.	0.	0.
58	58	64	DEAD	0.	0.	0.
58	58	65	DEAD	0.	0.	0.
58	58	91	DEAD	0.	0.	0.
58	58	90	DEAD	0.	0.	0.
58	58	64	G1	0.	0.	0.
58	58	65	G1	0.	0.	0.
58	58	91	G1	0.	0.	0.
58	58	90	G1	0.	0.	0.
58	58	64	G2	0.	0.	0.
58	58	65	G2	0.	0.	0.
58	58	91	G2	0.	0.	0.
58	58	90	G2	0.	0.	0.
58	58	64	Qm	0.	0.	0.
58	58	65	Qm	0.	0.	0.
58	58	91	Qm	0.	0.	0.
58	58	90	Qm	0.	0.	0.
58	58	64	Qs	0.	0.	0.
58	58	65	Qs	0.	0.	0.
58	58	91	Qs	0.	0.	0.
58	58	90	Qs	0.	0.	0.
58	58	64	T+	-0.88526	-0.88526	1.284E-16
58	58	65	T+	-0.88526	-0.88526	6.774E-16
58	58	91	T+	-0.88526	-0.88526	-1.463E-16
58	58	90	T+	-0.88526	-0.88526	-6.154E-16
58	58	64	T-	0.88526	0.88526	-1.284E-16
58	58	65	T-	0.88526	0.88526	-6.774E-16
58	58	91	T-	0.88526	0.88526	1.463E-16
58	58	90	T-	0.88526	0.88526	6.154E-16
58	58	64	W	0.	0.	0.
58	58	65	W	0.	0.	0.
58	58	91	W	0.	0.	0.
58	58	90	W	0.	0.	0.

Table 27: Element Forces - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	F11	F22	F12
				KN/mm	KN/mm	KN/mm
58	58	64	Qm-1	0.	0.	0.
58	58	65	Qm-1	0.	0.	0.
58	58	91	Qm-1	0.	0.	0.
58	58	90	Qm-1	0.	0.	0.
58	58	64	Qm-2	0.	0.	0.
58	58	65	Qm-2	0.	0.	0.
58	58	91	Qm-2	0.	0.	0.
58	58	90	Qm-2	0.	0.	0.
59	59	65	DEAD	0.	0.	0.
59	59	66	DEAD	0.	0.	0.
59	59	92	DEAD	0.	0.	0.
59	59	91	DEAD	0.	0.	0.
59	59	65	G1	0.	0.	0.
59	59	66	G1	0.	0.	0.
59	59	92	G1	0.	0.	0.
59	59	91	G1	0.	0.	0.
59	59	65	G2	0.	0.	0.
59	59	66	G2	0.	0.	0.
59	59	92	G2	0.	0.	0.
59	59	91	G2	0.	0.	0.
59	59	65	Qm	0.	0.	0.
59	59	66	Qm	0.	0.	0.
59	59	92	Qm	0.	0.	0.
59	59	91	Qm	0.	0.	0.
59	59	65	Qs	0.	0.	0.
59	59	66	Qs	0.	0.	0.
59	59	92	Qs	0.	0.	0.
59	59	91	Qs	0.	0.	0.
59	59	65	T+	-0.88526	-0.88526	1.269E-16
59	59	66	T+	-0.88526	-0.88526	-7.809E-16
59	59	92	T+	-0.88526	-0.88526	9.355E-18
59	59	91	T+	-0.88526	-0.88526	9.572E-16
59	59	65	T-	0.88526	0.88526	-1.269E-16
59	59	66	T-	0.88526	0.88526	7.809E-16
59	59	92	T-	0.88526	0.88526	-9.355E-18
59	59	91	T-	0.88526	0.88526	-9.572E-16
59	59	65	W	0.	0.	0.
59	59	66	W	0.	0.	0.
59	59	92	W	0.	0.	0.
59	59	91	W	0.	0.	0.
59	59	65	Qm-1	0.	0.	0.
59	59	66	Qm-1	0.	0.	0.
59	59	92	Qm-1	0.	0.	0.
59	59	91	Qm-1	0.	0.	0.
59	59	65	Qm-2	0.	0.	0.
59	59	66	Qm-2	0.	0.	0.
59	59	92	Qm-2	0.	0.	0.
59	59	91	Qm-2	0.	0.	0.
60	60	66	DEAD	0.	0.	0.
60	60	67	DEAD	0.	0.	0.
60	60	93	DEAD	0.	0.	0.
60	60	92	DEAD	0.	0.	0.
60	60	66	G1	0.	0.	0.
60	60	67	G1	0.	0.	0.

Table 27: Element Forces - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	F11	F22	F12
				KN/mm	KN/mm	KN/mm
60	60	93	G1	0.	0.	0.
60	60	92	G1	0.	0.	0.
60	60	66	G2	0.	0.	0.
60	60	67	G2	0.	0.	0.
60	60	93	G2	0.	0.	0.
60	60	92	G2	0.	0.	0.
60	60	66	Qm	0.	0.	0.
60	60	67	Qm	0.	0.	0.
60	60	93	Qm	0.	0.	0.
60	60	92	Qm	0.	0.	0.
60	60	66	Qs	0.	0.	0.
60	60	67	Qs	0.	0.	0.
60	60	93	Qs	0.	0.	0.
60	60	92	Qs	0.	0.	0.
60	60	66	T+	-0.88526	-0.88526	-5.025E-17
60	60	67	T+	-0.88526	-0.88526	-4.980E-16
60	60	93	T+	-0.88526	-0.88526	-2.485E-17
60	60	92	T+	-0.88526	-0.88526	5.029E-16
60	60	66	T-	0.88526	0.88526	5.025E-17
60	60	67	T-	0.88526	0.88526	4.980E-16
60	60	93	T-	0.88526	0.88526	2.485E-17
60	60	92	T-	0.88526	0.88526	-5.029E-16
60	60	66	W	0.	0.	0.
60	60	67	W	0.	0.	0.
60	60	93	W	0.	0.	0.
60	60	92	W	0.	0.	0.
60	60	66	Qm-1	0.	0.	0.
60	60	67	Qm-1	0.	0.	0.
60	60	93	Qm-1	0.	0.	0.
60	60	92	Qm-1	0.	0.	0.
60	60	66	Qm-2	0.	0.	0.
60	60	67	Qm-2	0.	0.	0.
60	60	93	Qm-2	0.	0.	0.
60	60	92	Qm-2	0.	0.	0.
61	61	67	DEAD	0.	0.	0.
61	61	68	DEAD	0.	0.	0.
61	61	94	DEAD	0.	0.	0.
61	61	93	DEAD	0.	0.	0.
61	61	67	G1	0.	0.	0.
61	61	68	G1	0.	0.	0.
61	61	94	G1	0.	0.	0.
61	61	93	G1	0.	0.	0.
61	61	67	G2	0.	0.	0.
61	61	68	G2	0.	0.	0.
61	61	94	G2	0.	0.	0.
61	61	93	G2	0.	0.	0.
61	61	67	Qm	0.	0.	0.
61	61	68	Qm	0.	0.	0.
61	61	94	Qm	0.	0.	0.
61	61	93	Qm	0.	0.	0.
61	61	67	Qs	0.	0.	0.
61	61	68	Qs	0.	0.	0.
61	61	94	Qs	0.	0.	0.
61	61	93	Qs	0.	0.	0.

Table 27: Element Forces - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	F11	F22	F12
				KN/mm	KN/mm	KN/mm
61	61	67	T+	-0.88526	-0.88526	-2.649E-16
61	61	68	T+	-0.88526	-0.88526	4.553E-16
61	61	94	T+	-0.88526	-0.88526	3.557E-16
61	61	93	T+	-0.88526	-0.88526	-2.845E-16
61	61	67	T-	0.88526	0.88526	2.649E-16
61	61	68	T-	0.88526	0.88526	-4.553E-16
61	61	94	T-	0.88526	0.88526	-3.557E-16
61	61	93	T-	0.88526	0.88526	2.845E-16
61	61	67	W	0.	0.	0.
61	61	68	W	0.	0.	0.
61	61	94	W	0.	0.	0.
61	61	93	W	0.	0.	0.
61	61	67	Qm-1	0.	0.	0.
61	61	68	Qm-1	0.	0.	0.
61	61	94	Qm-1	0.	0.	0.
61	61	93	Qm-1	0.	0.	0.
61	61	67	Qm-2	0.	0.	0.
61	61	68	Qm-2	0.	0.	0.
61	61	94	Qm-2	0.	0.	0.
61	61	93	Qm-2	0.	0.	0.
62	62	68	DEAD	0.	0.	0.
62	62	69	DEAD	0.	0.	0.
62	62	95	DEAD	0.	0.	0.
62	62	94	DEAD	0.	0.	0.
62	62	68	G1	0.	0.	0.
62	62	69	G1	0.	0.	0.
62	62	95	G1	0.	0.	0.
62	62	94	G1	0.	0.	0.
62	62	68	G2	0.	0.	0.
62	62	69	G2	0.	0.	0.
62	62	95	G2	0.	0.	0.
62	62	94	G2	0.	0.	0.
62	62	68	Qm	0.	0.	0.
62	62	69	Qm	0.	0.	0.
62	62	95	Qm	0.	0.	0.
62	62	94	Qm	0.	0.	0.
62	62	68	Qs	0.	0.	0.
62	62	69	Qs	0.	0.	0.
62	62	95	Qs	0.	0.	0.
62	62	94	Qs	0.	0.	0.
62	62	68	T+	-0.88526	-0.88526	1.110E-16
62	62	69	T+	-0.88526	-0.88526	-7.779E-16
62	62	95	T+	-0.88526	-0.88526	3.585E-17
62	62	94	T+	-0.88526	-0.88526	8.447E-16
62	62	68	T-	0.88526	0.88526	-1.110E-16
62	62	69	T-	0.88526	0.88526	7.779E-16
62	62	95	T-	0.88526	0.88526	-3.585E-17
62	62	94	T-	0.88526	0.88526	-8.447E-16
62	62	68	W	0.	0.	0.
62	62	69	W	0.	0.	0.
62	62	95	W	0.	0.	0.
62	62	94	W	0.	0.	0.
62	62	68	Qm-1	0.	0.	0.
62	62	69	Qm-1	0.	0.	0.

Table 27: Element Forces - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	F11	F22	F12
				KN/mm	KN/mm	KN/mm
62	62	95	Qm-1	0.	0.	0.
62	62	94	Qm-1	0.	0.	0.
62	62	68	Qm-2	0.	0.	0.
62	62	69	Qm-2	0.	0.	0.
62	62	95	Qm-2	0.	0.	0.
62	62	94	Qm-2	0.	0.	0.
63	63	69	DEAD	0.	0.	0.
63	63	70	DEAD	0.	0.	0.
63	63	96	DEAD	0.	0.	0.
63	63	95	DEAD	0.	0.	0.
63	63	69	G1	0.	0.	0.
63	63	70	G1	0.	0.	0.
63	63	96	G1	0.	0.	0.
63	63	95	G1	0.	0.	0.
63	63	69	G2	0.	0.	0.
63	63	70	G2	0.	0.	0.
63	63	96	G2	0.	0.	0.
63	63	95	G2	0.	0.	0.
63	63	69	Qm	0.	0.	0.
63	63	70	Qm	0.	0.	0.
63	63	96	Qm	0.	0.	0.
63	63	95	Qm	0.	0.	0.
63	63	69	Qs	0.	0.	0.
63	63	70	Qs	0.	0.	0.
63	63	96	Qs	0.	0.	0.
63	63	95	Qs	0.	0.	0.
63	63	69	T+	-0.88526	-0.88526	-2.445E-16
63	63	70	T+	-0.88526	-0.88526	1.669E-16
63	63	96	T+	-0.88526	-0.88526	2.092E-16
63	63	95	T+	-0.88526	-0.88526	-1.222E-16
63	63	69	T-	0.88526	0.88526	2.445E-16
63	63	70	T-	0.88526	0.88526	-1.669E-16
63	63	96	T-	0.88526	0.88526	-2.092E-16
63	63	95	T-	0.88526	0.88526	1.222E-16
63	63	69	W	0.	0.	0.
63	63	70	W	0.	0.	0.
63	63	96	W	0.	0.	0.
63	63	95	W	0.	0.	0.
63	63	69	Qm-1	0.	0.	0.
63	63	70	Qm-1	0.	0.	0.
63	63	96	Qm-1	0.	0.	0.
63	63	95	Qm-1	0.	0.	0.
63	63	69	Qm-2	0.	0.	0.
63	63	70	Qm-2	0.	0.	0.
63	63	96	Qm-2	0.	0.	0.
63	63	95	Qm-2	0.	0.	0.
64	64	70	DEAD	0.	0.	0.
64	64	71	DEAD	0.	0.	0.
64	64	97	DEAD	0.	0.	0.
64	64	96	DEAD	0.	0.	0.
64	64	70	G1	0.	0.	0.
64	64	71	G1	0.	0.	0.
64	64	97	G1	0.	0.	0.
64	64	96	G1	0.	0.	0.

Table 27: Element Forces - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	F11	F22	F12
				KN/mm	KN/mm	KN/mm
64	64	70	G2	0.	0.	0.
64	64	71	G2	0.	0.	0.
64	64	97	G2	0.	0.	0.
64	64	96	G2	0.	0.	0.
64	64	70	Qm	0.	0.	0.
64	64	71	Qm	0.	0.	0.
64	64	97	Qm	0.	0.	0.
64	64	96	Qm	0.	0.	0.
64	64	70	Qs	0.	0.	0.
64	64	71	Qs	0.	0.	0.
64	64	97	Qs	0.	0.	0.
64	64	96	Qs	0.	0.	0.
64	64	70	T+	-0.88526	-0.88526	-3.029E-17
64	64	71	T+	-0.88526	-0.88526	-1.332E-15
64	64	97	T+	-0.88526	-0.88526	1.354E-16
64	64	96	T+	-0.88526	-0.88526	1.477E-15
64	64	70	T-	0.88526	0.88526	3.029E-17
64	64	71	T-	0.88526	0.88526	1.332E-15
64	64	97	T-	0.88526	0.88526	-1.354E-16
64	64	96	T-	0.88526	0.88526	-1.477E-15
64	64	70	W	0.	0.	0.
64	64	71	W	0.	0.	0.
64	64	97	W	0.	0.	0.
64	64	96	W	0.	0.	0.
64	64	70	Qm-1	0.	0.	0.
64	64	71	Qm-1	0.	0.	0.
64	64	97	Qm-1	0.	0.	0.
64	64	96	Qm-1	0.	0.	0.
64	64	70	Qm-2	0.	0.	0.
64	64	71	Qm-2	0.	0.	0.
64	64	97	Qm-2	0.	0.	0.
64	64	96	Qm-2	0.	0.	0.
65	65	71	DEAD	0.	0.	0.
65	65	72	DEAD	0.	0.	0.
65	65	98	DEAD	0.	0.	0.
65	65	97	DEAD	0.	0.	0.
65	65	71	G1	0.	0.	0.
65	65	72	G1	0.	0.	0.
65	65	98	G1	0.	0.	0.
65	65	97	G1	0.	0.	0.
65	65	71	G2	0.	0.	0.
65	65	72	G2	0.	0.	0.
65	65	98	G2	0.	0.	0.
65	65	97	G2	0.	0.	0.
65	65	71	Qm	0.	0.	0.
65	65	72	Qm	0.	0.	0.
65	65	98	Qm	0.	0.	0.
65	65	97	Qm	0.	0.	0.
65	65	71	Qs	0.	0.	0.
65	65	72	Qs	0.	0.	0.
65	65	98	Qs	0.	0.	0.
65	65	97	Qs	0.	0.	0.
65	65	71	T+	-0.88526	-0.88526	-1.573E-16
65	65	72	T+	-0.88526	-0.88526	3.475E-17

Table 27: Element Forces - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	F11	F22	F12
				KN/mm	KN/mm	KN/mm
65	65	98	T+	-0.88526	-0.88526	6.660E-17
65	65	97	T+	-0.88526	-0.88526	-1.654E-16
65	65	71	T-	0.88526	0.88526	1.573E-16
65	65	72	T-	0.88526	0.88526	-3.475E-17
65	65	98	T-	0.88526	0.88526	-6.660E-17
65	65	97	T-	0.88526	0.88526	1.654E-16
65	65	71	W	0.	0.	0.
65	65	72	W	0.	0.	0.
65	65	98	W	0.	0.	0.
65	65	97	W	0.	0.	0.
65	65	71	Qm-1	0.	0.	0.
65	65	72	Qm-1	0.	0.	0.
65	65	98	Qm-1	0.	0.	0.
65	65	97	Qm-1	0.	0.	0.
65	65	71	Qm-2	0.	0.	0.
65	65	72	Qm-2	0.	0.	0.
65	65	98	Qm-2	0.	0.	0.
65	65	97	Qm-2	0.	0.	0.
66	66	72	DEAD	0.	0.	0.
66	66	73	DEAD	0.	0.	0.
66	66	99	DEAD	0.	0.	0.
66	66	98	DEAD	0.	0.	0.
66	66	72	G1	0.	0.	0.
66	66	73	G1	0.	0.	0.
66	66	99	G1	0.	0.	0.
66	66	98	G1	0.	0.	0.
66	66	72	G2	0.	0.	0.
66	66	73	G2	0.	0.	0.
66	66	99	G2	0.	0.	0.
66	66	98	G2	0.	0.	0.
66	66	72	Qm	0.	0.	0.
66	66	73	Qm	0.	0.	0.
66	66	99	Qm	0.	0.	0.
66	66	98	Qm	0.	0.	0.
66	66	72	Qs	0.	0.	0.
66	66	73	Qs	0.	0.	0.
66	66	99	Qs	0.	0.	0.
66	66	98	Qs	0.	0.	0.
66	66	72	T+	-0.88526	-0.88526	-9.452E-17
66	66	73	T+	-0.88526	-0.88526	-1.384E-15
66	66	99	T+	-0.88526	-0.88526	1.996E-16
66	66	98	T+	-0.88526	-0.88526	1.529E-15
66	66	72	T-	0.88526	0.88526	9.452E-17
66	66	73	T-	0.88526	0.88526	1.384E-15
66	66	99	T-	0.88526	0.88526	-1.996E-16
66	66	98	T-	0.88526	0.88526	-1.529E-15
66	66	72	W	0.	0.	0.
66	66	73	W	0.	0.	0.
66	66	99	W	0.	0.	0.
66	66	98	W	0.	0.	0.
66	66	72	Qm-1	0.	0.	0.
66	66	73	Qm-1	0.	0.	0.
66	66	99	Qm-1	0.	0.	0.
66	66	98	Qm-1	0.	0.	0.

Table 27: Element Forces - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	F11	F22	F12
				KN/mm	KN/mm	KN/mm
66	66	72	Qm-2	0.	0.	0.
66	66	73	Qm-2	0.	0.	0.
66	66	99	Qm-2	0.	0.	0.
66	66	98	Qm-2	0.	0.	0.
67	67	73	DEAD	0.	0.	0.
67	67	74	DEAD	0.	0.	0.
67	67	100	DEAD	0.	0.	0.
67	67	99	DEAD	0.	0.	0.
67	67	73	G1	0.	0.	0.
67	67	74	G1	0.	0.	0.
67	67	100	G1	0.	0.	0.
67	67	99	G1	0.	0.	0.
67	67	73	G2	0.	0.	0.
67	67	74	G2	0.	0.	0.
67	67	100	G2	0.	0.	0.
67	67	99	G2	0.	0.	0.
67	67	73	Qm	0.	0.	0.
67	67	74	Qm	0.	0.	0.
67	67	100	Qm	0.	0.	0.
67	67	99	Qm	0.	0.	0.
67	67	73	Qs	0.	0.	0.
67	67	74	Qs	0.	0.	0.
67	67	100	Qs	0.	0.	0.
67	67	99	Qs	0.	0.	0.
67	67	73	T+	-0.88526	-0.88526	2.294E-17
67	67	74	T+	-0.88526	-0.88526	-6.919E-16
67	67	100	T+	-0.88526	-0.88526	2.302E-17
67	67	99	T+	-0.88526	-0.88526	8.978E-16
67	67	73	T-	0.88526	0.88526	-2.294E-17
67	67	74	T-	0.88526	0.88526	6.919E-16
67	67	100	T-	0.88526	0.88526	-2.302E-17
67	67	99	T-	0.88526	0.88526	-8.978E-16
67	67	73	W	0.	0.	0.
67	67	74	W	0.	0.	0.
67	67	100	W	0.	0.	0.
67	67	99	W	0.	0.	0.
67	67	73	Qm-1	0.	0.	0.
67	67	74	Qm-1	0.	0.	0.
67	67	100	Qm-1	0.	0.	0.
67	67	99	Qm-1	0.	0.	0.
67	67	73	Qm-2	0.	0.	0.
67	67	74	Qm-2	0.	0.	0.
67	67	100	Qm-2	0.	0.	0.
67	67	99	Qm-2	0.	0.	0.
68	68	74	DEAD	0.	0.	0.
68	68	75	DEAD	0.	0.	0.
68	68	101	DEAD	0.	0.	0.
68	68	100	DEAD	0.	0.	0.
68	68	74	G1	0.	0.	0.
68	68	75	G1	0.	0.	0.
68	68	101	G1	0.	0.	0.
68	68	100	G1	0.	0.	0.
68	68	74	G2	0.	0.	0.
68	68	75	G2	0.	0.	0.

Table 27: Element Forces - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	F11	F22	F12
				KN/mm	KN/mm	KN/mm
68	68	101	G2	0.	0.	0.
68	68	100	G2	0.	0.	0.
68	68	74	Qm	0.	0.	0.
68	68	75	Qm	0.	0.	0.
68	68	101	Qm	0.	0.	0.
68	68	100	Qm	0.	0.	0.
68	68	74	Qs	0.	0.	0.
68	68	75	Qs	0.	0.	0.
68	68	101	Qs	0.	0.	0.
68	68	100	Qs	0.	0.	0.
68	68	74	T+	-0.88526	-0.88526	9.518E-17
68	68	75	T+	-0.88526	-0.88526	1.159E-15
68	68	101	T+	-0.88526	-0.88526	3.365E-16
68	68	100	T+	-0.88526	-0.88526	-7.268E-16
68	68	74	T-	0.88526	0.88526	-9.518E-17
68	68	75	T-	0.88526	0.88526	-1.159E-15
68	68	101	T-	0.88526	0.88526	-3.365E-16
68	68	100	T-	0.88526	0.88526	7.268E-16
68	68	74	W	0.	0.	0.
68	68	75	W	0.	0.	0.
68	68	101	W	0.	0.	0.
68	68	100	W	0.	0.	0.
68	68	74	Qm-1	0.	0.	0.
68	68	75	Qm-1	0.	0.	0.
68	68	101	Qm-1	0.	0.	0.
68	68	100	Qm-1	0.	0.	0.
68	68	74	Qm-2	0.	0.	0.
68	68	75	Qm-2	0.	0.	0.
68	68	101	Qm-2	0.	0.	0.
68	68	100	Qm-2	0.	0.	0.
69	69	75	DEAD	0.	0.	0.
69	69	76	DEAD	0.	0.	0.
69	69	102	DEAD	0.	0.	0.
69	69	101	DEAD	0.	0.	0.
69	69	75	G1	0.	0.	0.
69	69	76	G1	0.	0.	0.
69	69	102	G1	0.	0.	0.
69	69	101	G1	0.	0.	0.
69	69	75	G2	0.	0.	0.
69	69	76	G2	0.	0.	0.
69	69	102	G2	0.	0.	0.
69	69	101	G2	0.	0.	0.
69	69	75	Qm	0.	0.	0.
69	69	76	Qm	0.	0.	0.
69	69	102	Qm	0.	0.	0.
69	69	101	Qm	0.	0.	0.
69	69	75	Qs	0.	0.	0.
69	69	76	Qs	0.	0.	0.
69	69	102	Qs	0.	0.	0.
69	69	101	Qs	0.	0.	0.
69	69	75	T+	-0.88526	-0.88526	-1.889E-16
69	69	76	T+	-0.88526	-0.88526	1.112E-15
69	69	102	T+	-0.88526	-0.88526	9.999E-17
69	69	101	T+	-0.88526	-0.88526	-1.201E-15

Table 27: Element Forces - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	F11	F22	F12
				KN/mm	KN/mm	KN/mm
69	69	75	T-	0.88526	0.88526	1.889E-16
69	69	76	T-	0.88526	0.88526	-1.112E-15
69	69	102	T-	0.88526	0.88526	-9.999E-17
69	69	101	T-	0.88526	0.88526	1.201E-15
69	69	75	W	0.	0.	0.
69	69	76	W	0.	0.	0.
69	69	102	W	0.	0.	0.
69	69	101	W	0.	0.	0.
69	69	75	Qm-1	0.	0.	0.
69	69	76	Qm-1	0.	0.	0.
69	69	102	Qm-1	0.	0.	0.
69	69	101	Qm-1	0.	0.	0.
69	69	75	Qm-2	0.	0.	0.
69	69	76	Qm-2	0.	0.	0.
69	69	102	Qm-2	0.	0.	0.
69	69	101	Qm-2	0.	0.	0.
70	70	76	DEAD	0.	0.	0.
70	70	77	DEAD	0.	0.	0.
70	70	103	DEAD	0.	0.	0.
70	70	102	DEAD	0.	0.	0.
70	70	76	G1	0.	0.	0.
70	70	77	G1	0.	0.	0.
70	70	103	G1	0.	0.	0.
70	70	102	G1	0.	0.	0.
70	70	76	G2	0.	0.	0.
70	70	77	G2	0.	0.	0.
70	70	103	G2	0.	0.	0.
70	70	102	G2	0.	0.	0.
70	70	76	Qm	0.	0.	0.
70	70	77	Qm	0.	0.	0.
70	70	103	Qm	0.	0.	0.
70	70	102	Qm	0.	0.	0.
70	70	76	Qs	0.	0.	0.
70	70	77	Qs	0.	0.	0.
70	70	103	Qs	0.	0.	0.
70	70	102	Qs	0.	0.	0.
70	70	76	T+	-0.88526	-0.88526	-7.916E-17
70	70	77	T+	-0.88526	-0.88526	-1.102E-15
70	70	103	T+	-0.88526	-0.88526	1.336E-16
70	70	102	T+	-0.88526	-0.88526	1.196E-15
70	70	76	T-	0.88526	0.88526	7.916E-17
70	70	77	T-	0.88526	0.88526	1.102E-15
70	70	103	T-	0.88526	0.88526	-1.336E-16
70	70	102	T-	0.88526	0.88526	-1.196E-15
70	70	76	W	0.	0.	0.
70	70	77	W	0.	0.	0.
70	70	103	W	0.	0.	0.
70	70	102	W	0.	0.	0.
70	70	76	Qm-1	0.	0.	0.
70	70	77	Qm-1	0.	0.	0.
70	70	103	Qm-1	0.	0.	0.
70	70	102	Qm-1	0.	0.	0.
70	70	76	Qm-2	0.	0.	0.
70	70	77	Qm-2	0.	0.	0.

Table 27: Element Forces - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	F11	F22	F12
				KN/mm	KN/mm	KN/mm
70	70	103	Qm-2	0.	0.	0.
70	70	102	Qm-2	0.	0.	0.
71	71	77	DEAD	0.	0.	0.
71	71	78	DEAD	0.	0.	0.
71	71	104	DEAD	0.	0.	0.
71	71	103	DEAD	0.	0.	0.
71	71	77	G1	0.	0.	0.
71	71	78	G1	0.	0.	0.
71	71	104	G1	0.	0.	0.
71	71	103	G1	0.	0.	0.
71	71	77	G2	0.	0.	0.
71	71	78	G2	0.	0.	0.
71	71	104	G2	0.	0.	0.
71	71	103	G2	0.	0.	0.
71	71	77	Qm	0.	0.	0.
71	71	78	Qm	0.	0.	0.
71	71	104	Qm	0.	0.	0.
71	71	103	Qm	0.	0.	0.
71	71	77	Qs	0.	0.	0.
71	71	78	Qs	0.	0.	0.
71	71	104	Qs	0.	0.	0.
71	71	103	Qs	0.	0.	0.
71	71	77	T+	-0.88526	-0.88526	-4.200E-17
71	71	78	T+	-0.88526	-0.88526	-6.105E-17
71	71	104	T+	-0.88526	-0.88526	-4.224E-17
71	71	103	T+	-0.88526	-0.88526	-1.032E-16
71	71	77	T-	0.88526	0.88526	4.200E-17
71	71	78	T-	0.88526	0.88526	6.105E-17
71	71	104	T-	0.88526	0.88526	4.224E-17
71	71	103	T-	0.88526	0.88526	1.032E-16
71	71	77	W	0.	0.	0.
71	71	78	W	0.	0.	0.
71	71	104	W	0.	0.	0.
71	71	103	W	0.	0.	0.
71	71	77	Qm-1	0.	0.	0.
71	71	78	Qm-1	0.	0.	0.
71	71	104	Qm-1	0.	0.	0.
71	71	103	Qm-1	0.	0.	0.
71	71	77	Qm-2	0.	0.	0.
71	71	78	Qm-2	0.	0.	0.
71	71	104	Qm-2	0.	0.	0.
71	71	103	Qm-2	0.	0.	0.
72	72	78	DEAD	0.	0.	0.
72	72	79	DEAD	0.	0.	0.
72	72	105	DEAD	0.	0.	0.
72	72	104	DEAD	0.	0.	0.
72	72	78	G1	0.	0.	0.
72	72	79	G1	0.	0.	0.
72	72	105	G1	0.	0.	0.
72	72	104	G1	0.	0.	0.
72	72	78	G2	0.	0.	0.
72	72	79	G2	0.	0.	0.
72	72	105	G2	0.	0.	0.
72	72	104	G2	0.	0.	0.

Table 27: Element Forces - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	F11	F22	F12
				KN/mm	KN/mm	KN/mm
72	72	78	Qm	0.	0.	0.
72	72	79	Qm	0.	0.	0.
72	72	105	Qm	0.	0.	0.
72	72	104	Qm	0.	0.	0.
72	72	78	Qs	0.	0.	0.
72	72	79	Qs	0.	0.	0.
72	72	105	Qs	0.	0.	0.
72	72	104	Qs	0.	0.	0.
72	72	78	T+	-0.88526	-0.88526	-4.362E-16
72	72	79	T+	-0.88526	-0.88526	8.672E-16
72	72	105	T+	-0.88526	-0.88526	2.195E-16
72	72	104	T+	-0.88526	-0.88526	-1.084E-15
72	72	78	T-	0.88526	0.88526	4.362E-16
72	72	79	T-	0.88526	0.88526	-8.672E-16
72	72	105	T-	0.88526	0.88526	-2.195E-16
72	72	104	T-	0.88526	0.88526	1.084E-15
72	72	78	W	0.	0.	0.
72	72	79	W	0.	0.	0.
72	72	105	W	0.	0.	0.
72	72	104	W	0.	0.	0.
72	72	78	Qm-1	0.	0.	0.
72	72	79	Qm-1	0.	0.	0.
72	72	105	Qm-1	0.	0.	0.
72	72	104	Qm-1	0.	0.	0.
72	72	78	Qm-2	0.	0.	0.
72	72	79	Qm-2	0.	0.	0.
72	72	105	Qm-2	0.	0.	0.
72	72	104	Qm-2	0.	0.	0.
73	73	79	DEAD	0.	0.	0.
73	73	80	DEAD	0.	0.	0.
73	73	106	DEAD	0.	0.	0.
73	73	105	DEAD	0.	0.	0.
73	73	79	G1	0.	0.	0.
73	73	80	G1	0.	0.	0.
73	73	106	G1	0.	0.	0.
73	73	105	G1	0.	0.	0.
73	73	79	G2	0.	0.	0.
73	73	80	G2	0.	0.	0.
73	73	106	G2	0.	0.	0.
73	73	105	G2	0.	0.	0.
73	73	79	Qm	0.	0.	0.
73	73	80	Qm	0.	0.	0.
73	73	106	Qm	0.	0.	0.
73	73	105	Qm	0.	0.	0.
73	73	79	Qs	0.	0.	0.
73	73	80	Qs	0.	0.	0.
73	73	106	Qs	0.	0.	0.
73	73	105	Qs	0.	0.	0.
73	73	79	T+	-0.88526	-0.88526	3.134E-17
73	73	80	T+	-0.88526	-0.88526	9.811E-16
73	73	106	T+	-0.88526	-0.88526	-1.187E-16
73	73	105	T+	-0.88526	-0.88526	-1.028E-15
73	73	79	T-	0.88526	0.88526	-3.134E-17
73	73	80	T-	0.88526	0.88526	-9.811E-16

Table 27: Element Forces - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	F11	F22	F12
				KN/mm	KN/mm	KN/mm
73	73	106	T-	0.88526	0.88526	1.187E-16
73	73	105	T-	0.88526	0.88526	1.028E-15
73	73	79	W	0.	0.	0.
73	73	80	W	0.	0.	0.
73	73	106	W	0.	0.	0.
73	73	105	W	0.	0.	0.
73	73	79	Qm-1	0.	0.	0.
73	73	80	Qm-1	0.	0.	0.
73	73	106	Qm-1	0.	0.	0.
73	73	105	Qm-1	0.	0.	0.
73	73	79	Qm-2	0.	0.	0.
73	73	80	Qm-2	0.	0.	0.
73	73	106	Qm-2	0.	0.	0.
73	73	105	Qm-2	0.	0.	0.
74	74	80	DEAD	0.	0.	0.
74	74	81	DEAD	0.	0.	0.
74	74	107	DEAD	0.	0.	0.
74	74	106	DEAD	0.	0.	0.
74	74	80	G1	0.	0.	0.
74	74	81	G1	0.	0.	0.
74	74	107	G1	0.	0.	0.
74	74	106	G1	0.	0.	0.
74	74	80	G2	0.	0.	0.
74	74	81	G2	0.	0.	0.
74	74	107	G2	0.	0.	0.
74	74	106	G2	0.	0.	0.
74	74	80	Qm	0.	0.	0.
74	74	81	Qm	0.	0.	0.
74	74	107	Qm	0.	0.	0.
74	74	106	Qm	0.	0.	0.
74	74	80	Qs	0.	0.	0.
74	74	81	Qs	0.	0.	0.
74	74	107	Qs	0.	0.	0.
74	74	106	Qs	0.	0.	0.
74	74	80	T+	-0.88526	-0.88526	-2.198E-16
74	74	81	T+	-0.88526	-0.88526	3.773E-17
74	74	107	T+	-0.88526	-0.88526	8.998E-17
74	74	106	T+	-0.88526	-0.88526	-2.076E-16
74	74	80	T-	0.88526	0.88526	2.198E-16
74	74	81	T-	0.88526	0.88526	-3.773E-17
74	74	107	T-	0.88526	0.88526	-8.998E-17
74	74	106	T-	0.88526	0.88526	2.076E-16
74	74	80	W	0.	0.	0.
74	74	81	W	0.	0.	0.
74	74	107	W	0.	0.	0.
74	74	106	W	0.	0.	0.
74	74	80	Qm-1	0.	0.	0.
74	74	81	Qm-1	0.	0.	0.
74	74	107	Qm-1	0.	0.	0.
74	74	106	Qm-1	0.	0.	0.
74	74	80	Qm-2	0.	0.	0.
74	74	81	Qm-2	0.	0.	0.
74	74	107	Qm-2	0.	0.	0.
74	74	106	Qm-2	0.	0.	0.

Table 27: Element Forces - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	F11	F22	F12
				KN/mm	KN/mm	KN/mm
75	75	81	DEAD	0.	0.	0.
75	75	82	DEAD	0.	0.	0.
75	75	108	DEAD	0.	0.	0.
75	75	107	DEAD	0.	0.	0.
75	75	81	G1	0.	0.	0.
75	75	82	G1	0.	0.	0.
75	75	108	G1	0.	0.	0.
75	75	107	G1	0.	0.	0.
75	75	81	G2	0.	0.	0.
75	75	82	G2	0.	0.	0.
75	75	108	G2	0.	0.	0.
75	75	107	G2	0.	0.	0.
75	75	81	Qm	0.	0.	0.
75	75	82	Qm	0.	0.	0.
75	75	108	Qm	0.	0.	0.
75	75	107	Qm	0.	0.	0.
75	75	81	Qs	0.	0.	0.
75	75	82	Qs	0.	0.	0.
75	75	108	Qs	0.	0.	0.
75	75	107	Qs	0.	0.	0.
75	75	81	T+	-0.88526	-0.88526	1.402E-17
75	75	82	T+	-0.88526	-0.88526	-2.347E-16
75	75	108	T+	-0.88526	-0.88526	4.979E-17
75	75	107	T+	-0.88526	-0.88526	2.985E-16
75	75	81	T-	0.88526	0.88526	-1.402E-17
75	75	82	T-	0.88526	0.88526	2.347E-16
75	75	108	T-	0.88526	0.88526	-4.979E-17
75	75	107	T-	0.88526	0.88526	-2.985E-16
75	75	81	W	0.	0.	0.
75	75	82	W	0.	0.	0.
75	75	108	W	0.	0.	0.
75	75	107	W	0.	0.	0.
75	75	81	Qm-1	0.	0.	0.
75	75	82	Qm-1	0.	0.	0.
75	75	108	Qm-1	0.	0.	0.
75	75	107	Qm-1	0.	0.	0.
75	75	81	Qm-2	0.	0.	0.
75	75	82	Qm-2	0.	0.	0.
75	75	108	Qm-2	0.	0.	0.
75	75	107	Qm-2	0.	0.	0.
76	76	82	DEAD	0.	0.	0.
76	76	83	DEAD	0.	0.	0.
76	76	109	DEAD	0.	0.	0.
76	76	108	DEAD	0.	0.	0.
76	76	82	G1	0.	0.	0.
76	76	83	G1	0.	0.	0.
76	76	109	G1	0.	0.	0.
76	76	108	G1	0.	0.	0.
76	76	82	G2	0.	0.	0.
76	76	83	G2	0.	0.	0.
76	76	109	G2	0.	0.	0.
76	76	108	G2	0.	0.	0.
76	76	82	Qm	0.	0.	0.
76	76	83	Qm	0.	0.	0.

Table 27: Element Forces - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	F11	F22	F12
				KN/mm	KN/mm	KN/mm
76	76	109	Qm	0.	0.	0.
76	76	108	Qm	0.	0.	0.
76	76	82	Qs	0.	0.	0.
76	76	83	Qs	0.	0.	0.
76	76	109	Qs	0.	0.	0.
76	76	108	Qs	0.	0.	0.
76	76	82	T+	-0.88526	-0.88526	-3.408E-17
76	76	83	T+	-0.88526	-0.88526	2.148E-15
76	76	109	T+	-0.88526	-0.88526	-7.870E-18
76	76	108	T+	-0.88526	-0.88526	-2.229E-15
76	76	82	T-	0.88526	0.88526	3.408E-17
76	76	83	T-	0.88526	0.88526	-2.148E-15
76	76	109	T-	0.88526	0.88526	7.870E-18
76	76	108	T-	0.88526	0.88526	2.229E-15
76	76	82	W	0.	0.	0.
76	76	83	W	0.	0.	0.
76	76	109	W	0.	0.	0.
76	76	108	W	0.	0.	0.
76	76	82	Qm-1	0.	0.	0.
76	76	83	Qm-1	0.	0.	0.
76	76	109	Qm-1	0.	0.	0.
76	76	108	Qm-1	0.	0.	0.
76	76	82	Qm-2	0.	0.	0.
76	76	83	Qm-2	0.	0.	0.
76	76	109	Qm-2	0.	0.	0.
76	76	108	Qm-2	0.	0.	0.
77	77	83	DEAD	0.	0.	0.
77	77	84	DEAD	0.	0.	0.
77	77	110	DEAD	0.	0.	0.
77	77	109	DEAD	0.	0.	0.
77	77	83	G1	0.	0.	0.
77	77	84	G1	0.	0.	0.
77	77	110	G1	0.	0.	0.
77	77	109	G1	0.	0.	0.
77	77	83	G2	0.	0.	0.
77	77	84	G2	0.	0.	0.
77	77	110	G2	0.	0.	0.
77	77	109	G2	0.	0.	0.
77	77	83	Qm	0.	0.	0.
77	77	84	Qm	0.	0.	0.
77	77	110	Qm	0.	0.	0.
77	77	109	Qm	0.	0.	0.
77	77	83	Qs	0.	0.	0.
77	77	84	Qs	0.	0.	0.
77	77	110	Qs	0.	0.	0.
77	77	109	Qs	0.	0.	0.
77	77	83	T+	-0.88526	-0.88526	-9.187E-17
77	77	84	T+	-0.88526	-0.88526	6.037E-16
77	77	110	T+	-0.88526	-0.88526	1.485E-16
77	77	109	T+	-0.88526	-0.88526	-5.071E-16
77	77	83	T-	0.88526	0.88526	9.187E-17
77	77	84	T-	0.88526	0.88526	-6.037E-16
77	77	110	T-	0.88526	0.88526	-1.485E-16
77	77	109	T-	0.88526	0.88526	5.071E-16

Table 27: Element Forces - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	F11	F22	F12
				KN/mm	KN/mm	KN/mm
77	77	83	W	0.	0.	0.
77	77	84	W	0.	0.	0.
77	77	110	W	0.	0.	0.
77	77	109	W	0.	0.	0.
77	77	83	Qm-1	0.	0.	0.
77	77	84	Qm-1	0.	0.	0.
77	77	110	Qm-1	0.	0.	0.
77	77	109	Qm-1	0.	0.	0.
77	77	83	Qm-2	0.	0.	0.
77	77	84	Qm-2	0.	0.	0.
77	77	110	Qm-2	0.	0.	0.
77	77	109	Qm-2	0.	0.	0.
78	78	85	DEAD	0.	0.	0.
78	78	86	DEAD	0.	0.	0.
78	78	112	DEAD	0.	0.	0.
78	78	111	DEAD	0.	0.	0.
78	78	85	G1	0.	0.	0.
78	78	86	G1	0.	0.	0.
78	78	112	G1	0.	0.	0.
78	78	111	G1	0.	0.	0.
78	78	85	G2	0.	0.	0.
78	78	86	G2	0.	0.	0.
78	78	112	G2	0.	0.	0.
78	78	111	G2	0.	0.	0.
78	78	85	Qm	0.	0.	0.
78	78	86	Qm	0.	0.	0.
78	78	112	Qm	0.	0.	0.
78	78	111	Qm	0.	0.	0.
78	78	85	Qs	0.	0.	0.
78	78	86	Qs	0.	0.	0.
78	78	112	Qs	0.	0.	0.
78	78	111	Qs	0.	0.	0.
78	78	85	T+	-0.88526	-0.88526	-2.819E-16
78	78	86	T+	-0.88526	-0.88526	-3.129E-16
78	78	112	T+	-0.88526	-0.88526	2.623E-16
78	78	111	T+	-0.88526	-0.88526	2.533E-16
78	78	85	T-	0.88526	0.88526	2.819E-16
78	78	86	T-	0.88526	0.88526	3.129E-16
78	78	112	T-	0.88526	0.88526	-2.623E-16
78	78	111	T-	0.88526	0.88526	-2.533E-16
78	78	85	W	0.	0.	0.
78	78	86	W	0.	0.	0.
78	78	112	W	0.	0.	0.
78	78	111	W	0.	0.	0.
78	78	85	Qm-1	0.	0.	0.
78	78	86	Qm-1	0.	0.	0.
78	78	112	Qm-1	0.	0.	0.
78	78	111	Qm-1	0.	0.	0.
78	78	85	Qm-2	0.	0.	0.
78	78	86	Qm-2	0.	0.	0.
78	78	112	Qm-2	0.	0.	0.
78	78	111	Qm-2	0.	0.	0.
79	79	86	DEAD	0.	0.	0.
79	79	87	DEAD	0.	0.	0.

Table 27: Element Forces - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	F11	F22	F12
				KN/mm	KN/mm	KN/mm
79	79	113	DEAD	0.	0.	0.
79	79	112	DEAD	0.	0.	0.
79	79	86	G1	0.	0.	0.
79	79	87	G1	0.	0.	0.
79	79	113	G1	0.	0.	0.
79	79	112	G1	0.	0.	0.
79	79	86	G2	0.	0.	0.
79	79	87	G2	0.	0.	0.
79	79	113	G2	0.	0.	0.
79	79	112	G2	0.	0.	0.
79	79	86	Qm	0.	0.	0.
79	79	87	Qm	0.	0.	0.
79	79	113	Qm	0.	0.	0.
79	79	112	Qm	0.	0.	0.
79	79	86	Qs	0.	0.	0.
79	79	87	Qs	0.	0.	0.
79	79	113	Qs	0.	0.	0.
79	79	112	Qs	0.	0.	0.
79	79	86	T+	-0.88526	-0.88526	-2.694E-16
79	79	87	T+	-0.88526	-0.88526	6.736E-16
79	79	113	T+	-0.88526	-0.88526	8.604E-17
79	79	112	T+	-0.88526	-0.88526	-8.569E-16
79	79	86	T-	0.88526	0.88526	2.694E-16
79	79	87	T-	0.88526	0.88526	-6.736E-16
79	79	113	T-	0.88526	0.88526	-8.604E-17
79	79	112	T-	0.88526	0.88526	8.569E-16
79	79	86	W	0.	0.	0.
79	79	87	W	0.	0.	0.
79	79	113	W	0.	0.	0.
79	79	112	W	0.	0.	0.
79	79	86	Qm-1	0.	0.	0.
79	79	87	Qm-1	0.	0.	0.
79	79	113	Qm-1	0.	0.	0.
79	79	112	Qm-1	0.	0.	0.
79	79	86	Qm-2	0.	0.	0.
79	79	87	Qm-2	0.	0.	0.
79	79	113	Qm-2	0.	0.	0.
79	79	112	Qm-2	0.	0.	0.
80	80	87	DEAD	0.	0.	0.
80	80	88	DEAD	0.	0.	0.
80	80	114	DEAD	0.	0.	0.
80	80	113	DEAD	0.	0.	0.
80	80	87	G1	0.	0.	0.
80	80	88	G1	0.	0.	0.
80	80	114	G1	0.	0.	0.
80	80	113	G1	0.	0.	0.
80	80	87	G2	0.	0.	0.
80	80	88	G2	0.	0.	0.
80	80	114	G2	0.	0.	0.
80	80	113	G2	0.	0.	0.
80	80	87	Qm	0.	0.	0.
80	80	88	Qm	0.	0.	0.
80	80	114	Qm	0.	0.	0.
80	80	113	Qm	0.	0.	0.

Table 27: Element Forces - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	F11	F22	F12
				KN/mm	KN/mm	KN/mm
80	80	87	Qs	0.	0.	0.
80	80	88	Qs	0.	0.	0.
80	80	114	Qs	0.	0.	0.
80	80	113	Qs	0.	0.	0.
80	80	87	T+	-0.88526	-0.88526	7.162E-17
80	80	88	T+	-0.88526	-0.88526	4.334E-17
80	80	114	T+	-0.88526	-0.88526	-8.496E-18
80	80	113	T+	-0.88526	-0.88526	1.398E-16
80	80	87	T-	0.88526	0.88526	-7.162E-17
80	80	88	T-	0.88526	0.88526	-4.334E-17
80	80	114	T-	0.88526	0.88526	8.496E-18
80	80	113	T-	0.88526	0.88526	-1.398E-16
80	80	87	W	0.	0.	0.
80	80	88	W	0.	0.	0.
80	80	114	W	0.	0.	0.
80	80	113	W	0.	0.	0.
80	80	87	Qm-1	0.	0.	0.
80	80	88	Qm-1	0.	0.	0.
80	80	114	Qm-1	0.	0.	0.
80	80	113	Qm-1	0.	0.	0.
80	80	87	Qm-2	0.	0.	0.
80	80	88	Qm-2	0.	0.	0.
80	80	114	Qm-2	0.	0.	0.
80	80	113	Qm-2	0.	0.	0.
81	81	88	DEAD	0.	0.	0.
81	81	89	DEAD	0.	0.	0.
81	81	115	DEAD	0.	0.	0.
81	81	114	DEAD	0.	0.	0.
81	81	88	G1	0.	0.	0.
81	81	89	G1	0.	0.	0.
81	81	115	G1	0.	0.	0.
81	81	114	G1	0.	0.	0.
81	81	88	G2	0.	0.	0.
81	81	89	G2	0.	0.	0.
81	81	115	G2	0.	0.	0.
81	81	114	G2	0.	0.	0.
81	81	88	Qm	0.	0.	0.
81	81	89	Qm	0.	0.	0.
81	81	115	Qm	0.	0.	0.
81	81	114	Qm	0.	0.	0.
81	81	88	Qs	0.	0.	0.
81	81	89	Qs	0.	0.	0.
81	81	115	Qs	0.	0.	0.
81	81	114	Qs	0.	0.	0.
81	81	88	T+	-0.88526	-0.88526	-2.855E-17
81	81	89	T+	-0.88526	-0.88526	4.049E-16
81	81	115	T+	-0.88526	-0.88526	-1.246E-16
81	81	114	T+	-0.88526	-0.88526	-5.181E-16
81	81	88	T-	0.88526	0.88526	2.855E-17
81	81	89	T-	0.88526	0.88526	-4.049E-16
81	81	115	T-	0.88526	0.88526	1.246E-16
81	81	114	T-	0.88526	0.88526	5.181E-16
81	81	88	W	0.	0.	0.
81	81	89	W	0.	0.	0.

Table 27: Element Forces - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	F11	F22	F12
				KN/mm	KN/mm	KN/mm
81	81	115	W	0.	0.	0.
81	81	114	W	0.	0.	0.
81	81	88	Qm-1	0.	0.	0.
81	81	89	Qm-1	0.	0.	0.
81	81	115	Qm-1	0.	0.	0.
81	81	114	Qm-1	0.	0.	0.
81	81	88	Qm-2	0.	0.	0.
81	81	89	Qm-2	0.	0.	0.
81	81	115	Qm-2	0.	0.	0.
81	81	114	Qm-2	0.	0.	0.
82	82	89	DEAD	0.	0.	0.
82	82	90	DEAD	0.	0.	0.
82	82	116	DEAD	0.	0.	0.
82	82	115	DEAD	0.	0.	0.
82	82	89	G1	0.	0.	0.
82	82	90	G1	0.	0.	0.
82	82	116	G1	0.	0.	0.
82	82	115	G1	0.	0.	0.
82	82	89	G2	0.	0.	0.
82	82	90	G2	0.	0.	0.
82	82	116	G2	0.	0.	0.
82	82	115	G2	0.	0.	0.
82	82	89	Qm	0.	0.	0.
82	82	90	Qm	0.	0.	0.
82	82	116	Qm	0.	0.	0.
82	82	115	Qm	0.	0.	0.
82	82	89	Qs	0.	0.	0.
82	82	90	Qs	0.	0.	0.
82	82	116	Qs	0.	0.	0.
82	82	115	Qs	0.	0.	0.
82	82	89	T+	-0.88526	-0.88526	2.929E-16
82	82	90	T+	-0.88526	-0.88526	-1.337E-17
82	82	116	T+	-0.88526	-0.88526	-1.946E-16
82	82	115	T+	-0.88526	-0.88526	2.317E-16
82	82	89	T-	0.88526	0.88526	-2.929E-16
82	82	90	T-	0.88526	0.88526	1.337E-17
82	82	116	T-	0.88526	0.88526	1.946E-16
82	82	115	T-	0.88526	0.88526	-2.317E-16
82	82	89	W	0.	0.	0.
82	82	90	W	0.	0.	0.
82	82	116	W	0.	0.	0.
82	82	115	W	0.	0.	0.
82	82	89	Qm-1	0.	0.	0.
82	82	90	Qm-1	0.	0.	0.
82	82	116	Qm-1	0.	0.	0.
82	82	115	Qm-1	0.	0.	0.
82	82	89	Qm-2	0.	0.	0.
82	82	90	Qm-2	0.	0.	0.
82	82	116	Qm-2	0.	0.	0.
82	82	115	Qm-2	0.	0.	0.
83	83	90	DEAD	0.	0.	0.
83	83	91	DEAD	0.	0.	0.
83	83	117	DEAD	0.	0.	0.
83	83	116	DEAD	0.	0.	0.

Table 27: Element Forces - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	F11	F22	F12
				KN/mm	KN/mm	KN/mm
83	83	90	G1	0.	0.	0.
83	83	91	G1	0.	0.	0.
83	83	117	G1	0.	0.	0.
83	83	116	G1	0.	0.	0.
83	83	90	G2	0.	0.	0.
83	83	91	G2	0.	0.	0.
83	83	117	G2	0.	0.	0.
83	83	116	G2	0.	0.	0.
83	83	90	Qm	0.	0.	0.
83	83	91	Qm	0.	0.	0.
83	83	117	Qm	0.	0.	0.
83	83	116	Qm	0.	0.	0.
83	83	90	Qs	0.	0.	0.
83	83	91	Qs	0.	0.	0.
83	83	117	Qs	0.	0.	0.
83	83	116	Qs	0.	0.	0.
83	83	90	T+	-0.88526	-0.88526	3.591E-17
83	83	91	T+	-0.88526	-0.88526	3.210E-16
83	83	117	T+	-0.88526	-0.88526	-3.546E-17
83	83	116	T+	-0.88526	-0.88526	-3.605E-16
83	83	90	T-	0.88526	0.88526	-3.591E-17
83	83	91	T-	0.88526	0.88526	-3.210E-16
83	83	117	T-	0.88526	0.88526	3.546E-17
83	83	116	T-	0.88526	0.88526	3.605E-16
83	83	90	W	0.	0.	0.
83	83	91	W	0.	0.	0.
83	83	117	W	0.	0.	0.
83	83	116	W	0.	0.	0.
83	83	90	Qm-1	0.	0.	0.
83	83	91	Qm-1	0.	0.	0.
83	83	117	Qm-1	0.	0.	0.
83	83	116	Qm-1	0.	0.	0.
83	83	90	Qm-2	0.	0.	0.
83	83	91	Qm-2	0.	0.	0.
83	83	117	Qm-2	0.	0.	0.
83	83	116	Qm-2	0.	0.	0.
84	84	91	DEAD	0.	0.	0.
84	84	92	DEAD	0.	0.	0.
84	84	118	DEAD	0.	0.	0.
84	84	117	DEAD	0.	0.	0.
84	84	91	G1	0.	0.	0.
84	84	92	G1	0.	0.	0.
84	84	118	G1	0.	0.	0.
84	84	117	G1	0.	0.	0.
84	84	91	G2	0.	0.	0.
84	84	92	G2	0.	0.	0.
84	84	118	G2	0.	0.	0.
84	84	117	G2	0.	0.	0.
84	84	91	Qm	0.	0.	0.
84	84	92	Qm	0.	0.	0.
84	84	118	Qm	0.	0.	0.
84	84	117	Qm	0.	0.	0.
84	84	91	Qs	0.	0.	0.
84	84	92	Qs	0.	0.	0.

Table 27: Element Forces - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	F11	F22	F12
				KN/mm	KN/mm	KN/mm
84	84	118	Qs	0.	0.	0.
84	84	117	Qs	0.	0.	0.
84	84	91	T+	-0.88526	-0.88526	-2.076E-16
84	84	92	T+	-0.88526	-0.88526	1.160E-16
84	84	118	T+	-0.88526	-0.88526	-2.912E-17
84	84	117	T+	-0.88526	-0.88526	-3.127E-16
84	84	91	T-	0.88526	0.88526	2.076E-16
84	84	92	T-	0.88526	0.88526	-1.160E-16
84	84	118	T-	0.88526	0.88526	2.912E-17
84	84	117	T-	0.88526	0.88526	3.127E-16
84	84	91	W	0.	0.	0.
84	84	92	W	0.	0.	0.
84	84	118	W	0.	0.	0.
84	84	117	W	0.	0.	0.
84	84	91	Qm-1	0.	0.	0.
84	84	92	Qm-1	0.	0.	0.
84	84	118	Qm-1	0.	0.	0.
84	84	117	Qm-1	0.	0.	0.
84	84	91	Qm-2	0.	0.	0.
84	84	92	Qm-2	0.	0.	0.
84	84	118	Qm-2	0.	0.	0.
84	84	117	Qm-2	0.	0.	0.
85	85	92	DEAD	0.	0.	0.
85	85	93	DEAD	0.	0.	0.
85	85	119	DEAD	0.	0.	0.
85	85	118	DEAD	0.	0.	0.
85	85	92	G1	0.	0.	0.
85	85	93	G1	0.	0.	0.
85	85	119	G1	0.	0.	0.
85	85	118	G1	0.	0.	0.
85	85	92	G2	0.	0.	0.
85	85	93	G2	0.	0.	0.
85	85	119	G2	0.	0.	0.
85	85	118	G2	0.	0.	0.
85	85	92	Qm	0.	0.	0.
85	85	93	Qm	0.	0.	0.
85	85	119	Qm	0.	0.	0.
85	85	118	Qm	0.	0.	0.
85	85	92	Qs	0.	0.	0.
85	85	93	Qs	0.	0.	0.
85	85	119	Qs	0.	0.	0.
85	85	118	Qs	0.	0.	0.
85	85	92	T+	-0.88526	-0.88526	2.265E-16
85	85	93	T+	-0.88526	-0.88526	-1.087E-15
85	85	119	T+	-0.88526	-0.88526	-1.526E-16
85	85	118	T+	-0.88526	-0.88526	1.161E-15
85	85	92	T-	0.88526	0.88526	-2.265E-16
85	85	93	T-	0.88526	0.88526	1.087E-15
85	85	119	T-	0.88526	0.88526	1.526E-16
85	85	118	T-	0.88526	0.88526	-1.161E-15
85	85	92	W	0.	0.	0.
85	85	93	W	0.	0.	0.
85	85	119	W	0.	0.	0.
85	85	118	W	0.	0.	0.

Table 27: Element Forces - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	F11	F22	F12
				KN/mm	KN/mm	KN/mm
85	85	92	Qm-1	0.	0.	0.
85	85	93	Qm-1	0.	0.	0.
85	85	119	Qm-1	0.	0.	0.
85	85	118	Qm-1	0.	0.	0.
85	85	92	Qm-2	0.	0.	0.
85	85	93	Qm-2	0.	0.	0.
85	85	119	Qm-2	0.	0.	0.
85	85	118	Qm-2	0.	0.	0.
86	86	93	DEAD	0.	0.	0.
86	86	94	DEAD	0.	0.	0.
86	86	120	DEAD	0.	0.	0.
86	86	119	DEAD	0.	0.	0.
86	86	93	G1	0.	0.	0.
86	86	94	G1	0.	0.	0.
86	86	120	G1	0.	0.	0.
86	86	119	G1	0.	0.	0.
86	86	93	G2	0.	0.	0.
86	86	94	G2	0.	0.	0.
86	86	120	G2	0.	0.	0.
86	86	119	G2	0.	0.	0.
86	86	93	Qm	0.	0.	0.
86	86	94	Qm	0.	0.	0.
86	86	120	Qm	0.	0.	0.
86	86	119	Qm	0.	0.	0.
86	86	93	Qs	0.	0.	0.
86	86	94	Qs	0.	0.	0.
86	86	120	Qs	0.	0.	0.
86	86	119	Qs	0.	0.	0.
86	86	93	T+	-0.88526	-0.88526	6.530E-17
86	86	94	T+	-0.88526	-0.88526	6.193E-16
86	86	120	T+	-0.88526	-0.88526	1.420E-16
86	86	119	T+	-0.88526	-0.88526	-4.120E-16
86	86	93	T-	0.88526	0.88526	-6.530E-17
86	86	94	T-	0.88526	0.88526	-6.193E-16
86	86	120	T-	0.88526	0.88526	-1.420E-16
86	86	119	T-	0.88526	0.88526	4.120E-16
86	86	93	W	0.	0.	0.
86	86	94	W	0.	0.	0.
86	86	120	W	0.	0.	0.
86	86	119	W	0.	0.	0.
86	86	93	Qm-1	0.	0.	0.
86	86	94	Qm-1	0.	0.	0.
86	86	120	Qm-1	0.	0.	0.
86	86	119	Qm-1	0.	0.	0.
86	86	93	Qm-2	0.	0.	0.
86	86	94	Qm-2	0.	0.	0.
86	86	120	Qm-2	0.	0.	0.
86	86	119	Qm-2	0.	0.	0.
87	87	94	DEAD	0.	0.	0.
87	87	95	DEAD	0.	0.	0.
87	87	121	DEAD	0.	0.	0.
87	87	120	DEAD	0.	0.	0.
87	87	94	G1	0.	0.	0.
87	87	95	G1	0.	0.	0.

Table 27: Element Forces - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	F11	F22	F12
				KN/mm	KN/mm	KN/mm
87	87	121	G1	0.	0.	0.
87	87	120	G1	0.	0.	0.
87	87	94	G2	0.	0.	0.
87	87	95	G2	0.	0.	0.
87	87	121	G2	0.	0.	0.
87	87	120	G2	0.	0.	0.
87	87	94	Qm	0.	0.	0.
87	87	95	Qm	0.	0.	0.
87	87	121	Qm	0.	0.	0.
87	87	120	Qm	0.	0.	0.
87	87	94	Qs	0.	0.	0.
87	87	95	Qs	0.	0.	0.
87	87	121	Qs	0.	0.	0.
87	87	120	Qs	0.	0.	0.
87	87	94	T+	-0.88526	-0.88526	-1.329E-16
87	87	95	T+	-0.88526	-0.88526	-1.382E-16
87	87	121	T+	-0.88526	-0.88526	2.512E-16
87	87	120	T+	-0.88526	-0.88526	2.565E-16
87	87	94	T-	0.88526	0.88526	1.329E-16
87	87	95	T-	0.88526	0.88526	1.382E-16
87	87	121	T-	0.88526	0.88526	-2.512E-16
87	87	120	T-	0.88526	0.88526	-2.565E-16
87	87	94	W	0.	0.	0.
87	87	95	W	0.	0.	0.
87	87	121	W	0.	0.	0.
87	87	120	W	0.	0.	0.
87	87	94	Qm-1	0.	0.	0.
87	87	95	Qm-1	0.	0.	0.
87	87	121	Qm-1	0.	0.	0.
87	87	120	Qm-1	0.	0.	0.
87	87	94	Qm-2	0.	0.	0.
87	87	95	Qm-2	0.	0.	0.
87	87	121	Qm-2	0.	0.	0.
87	87	120	Qm-2	0.	0.	0.
88	88	95	DEAD	0.	0.	0.
88	88	96	DEAD	0.	0.	0.
88	88	122	DEAD	0.	0.	0.
88	88	121	DEAD	0.	0.	0.
88	88	95	G1	0.	0.	0.
88	88	96	G1	0.	0.	0.
88	88	122	G1	0.	0.	0.
88	88	121	G1	0.	0.	0.
88	88	95	G2	0.	0.	0.
88	88	96	G2	0.	0.	0.
88	88	122	G2	0.	0.	0.
88	88	121	G2	0.	0.	0.
88	88	95	Qm	0.	0.	0.
88	88	96	Qm	0.	0.	0.
88	88	122	Qm	0.	0.	0.
88	88	121	Qm	0.	0.	0.
88	88	95	Qs	0.	0.	0.
88	88	96	Qs	0.	0.	0.
88	88	122	Qs	0.	0.	0.
88	88	121	Qs	0.	0.	0.

Table 27: Element Forces - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	F11	F22	F12
				KN/mm	KN/mm	KN/mm
88	88	95	T+	-0.88526	-0.88526	1.453E-16
88	88	96	T+	-0.88526	-0.88526	-3.988E-16
88	88	122	T+	-0.88526	-0.88526	2.555E-17
88	88	121	T+	-0.88526	-0.88526	6.097E-16
88	88	95	T-	0.88526	0.88526	-1.453E-16
88	88	96	T-	0.88526	0.88526	3.988E-16
88	88	122	T-	0.88526	0.88526	-2.555E-17
88	88	121	T-	0.88526	0.88526	-6.097E-16
88	88	95	W	0.	0.	0.
88	88	96	W	0.	0.	0.
88	88	122	W	0.	0.	0.
88	88	121	W	0.	0.	0.
88	88	95	Qm-1	0.	0.	0.
88	88	96	Qm-1	0.	0.	0.
88	88	122	Qm-1	0.	0.	0.
88	88	121	Qm-1	0.	0.	0.
88	88	95	Qm-2	0.	0.	0.
88	88	96	Qm-2	0.	0.	0.
88	88	122	Qm-2	0.	0.	0.
88	88	121	Qm-2	0.	0.	0.
89	89	96	DEAD	0.	0.	0.
89	89	97	DEAD	0.	0.	0.
89	89	123	DEAD	0.	0.	0.
89	89	122	DEAD	0.	0.	0.
89	89	96	G1	0.	0.	0.
89	89	97	G1	0.	0.	0.
89	89	123	G1	0.	0.	0.
89	89	122	G1	0.	0.	0.
89	89	96	G2	0.	0.	0.
89	89	97	G2	0.	0.	0.
89	89	123	G2	0.	0.	0.
89	89	122	G2	0.	0.	0.
89	89	96	Qm	0.	0.	0.
89	89	97	Qm	0.	0.	0.
89	89	123	Qm	0.	0.	0.
89	89	122	Qm	0.	0.	0.
89	89	96	Qs	0.	0.	0.
89	89	97	Qs	0.	0.	0.
89	89	123	Qs	0.	0.	0.
89	89	122	Qs	0.	0.	0.
89	89	96	T+	-0.88526	-0.88526	-2.778E-16
89	89	97	T+	-0.88526	-0.88526	2.371E-17
89	89	123	T+	-0.88526	-0.88526	1.871E-16
89	89	122	T+	-0.88526	-0.88526	-1.544E-16
89	89	96	T-	0.88526	0.88526	2.778E-16
89	89	97	T-	0.88526	0.88526	-2.371E-17
89	89	123	T-	0.88526	0.88526	-1.871E-16
89	89	122	T-	0.88526	0.88526	1.544E-16
89	89	96	W	0.	0.	0.
89	89	97	W	0.	0.	0.
89	89	123	W	0.	0.	0.
89	89	122	W	0.	0.	0.
89	89	96	Qm-1	0.	0.	0.
89	89	97	Qm-1	0.	0.	0.

Table 27: Element Forces - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	F11	F22	F12
				KN/mm	KN/mm	KN/mm
89	89	123	Qm-1	0.	0.	0.
89	89	122	Qm-1	0.	0.	0.
89	89	96	Qm-2	0.	0.	0.
89	89	97	Qm-2	0.	0.	0.
89	89	123	Qm-2	0.	0.	0.
89	89	122	Qm-2	0.	0.	0.
90	90	97	DEAD	0.	0.	0.
90	90	98	DEAD	0.	0.	0.
90	90	124	DEAD	0.	0.	0.
90	90	123	DEAD	0.	0.	0.
90	90	97	G1	0.	0.	0.
90	90	98	G1	0.	0.	0.
90	90	124	G1	0.	0.	0.
90	90	123	G1	0.	0.	0.
90	90	97	G2	0.	0.	0.
90	90	98	G2	0.	0.	0.
90	90	124	G2	0.	0.	0.
90	90	123	G2	0.	0.	0.
90	90	97	Qm	0.	0.	0.
90	90	98	Qm	0.	0.	0.
90	90	124	Qm	0.	0.	0.
90	90	123	Qm	0.	0.	0.
90	90	97	Qs	0.	0.	0.
90	90	98	Qs	0.	0.	0.
90	90	124	Qs	0.	0.	0.
90	90	123	Qs	0.	0.	0.
90	90	97	T+	-0.88526	-0.88526	-4.133E-17
90	90	98	T+	-0.88526	-0.88526	-1.370E-15
90	90	124	T+	-0.88526	-0.88526	1.464E-16
90	90	123	T+	-0.88526	-0.88526	1.515E-15
90	90	97	T-	0.88526	0.88526	4.133E-17
90	90	98	T-	0.88526	0.88526	1.370E-15
90	90	124	T-	0.88526	0.88526	-1.464E-16
90	90	123	T-	0.88526	0.88526	-1.515E-15
90	90	97	W	0.	0.	0.
90	90	98	W	0.	0.	0.
90	90	124	W	0.	0.	0.
90	90	123	W	0.	0.	0.
90	90	97	Qm-1	0.	0.	0.
90	90	98	Qm-1	0.	0.	0.
90	90	124	Qm-1	0.	0.	0.
90	90	123	Qm-1	0.	0.	0.
90	90	97	Qm-2	0.	0.	0.
90	90	98	Qm-2	0.	0.	0.
90	90	124	Qm-2	0.	0.	0.
90	90	123	Qm-2	0.	0.	0.
91	91	98	DEAD	0.	0.	0.
91	91	99	DEAD	0.	0.	0.
91	91	125	DEAD	0.	0.	0.
91	91	124	DEAD	0.	0.	0.
91	91	98	G1	0.	0.	0.
91	91	99	G1	0.	0.	0.
91	91	125	G1	0.	0.	0.
91	91	124	G1	0.	0.	0.

Table 27: Element Forces - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	F11	F22	F12
				KN/mm	KN/mm	KN/mm
91	91	98	G2	0.	0.	0.
91	91	99	G2	0.	0.	0.
91	91	125	G2	0.	0.	0.
91	91	124	G2	0.	0.	0.
91	91	98	Qm	0.	0.	0.
91	91	99	Qm	0.	0.	0.
91	91	125	Qm	0.	0.	0.
91	91	124	Qm	0.	0.	0.
91	91	98	Qs	0.	0.	0.
91	91	99	Qs	0.	0.	0.
91	91	125	Qs	0.	0.	0.
91	91	124	Qs	0.	0.	0.
91	91	98	T+	-0.88526	-0.88526	-1.762E-16
91	91	99	T+	-0.88526	-0.88526	-9.554E-16
91	91	125	T+	-0.88526	-0.88526	3.256E-17
91	91	124	T+	-0.88526	-0.88526	7.318E-16
91	91	98	T-	0.88526	0.88526	1.762E-16
91	91	99	T-	0.88526	0.88526	9.554E-16
91	91	125	T-	0.88526	0.88526	-3.256E-17
91	91	124	T-	0.88526	0.88526	-7.318E-16
91	91	98	W	0.	0.	0.
91	91	99	W	0.	0.	0.
91	91	125	W	0.	0.	0.
91	91	124	W	0.	0.	0.
91	91	98	Qm-1	0.	0.	0.
91	91	99	Qm-1	0.	0.	0.
91	91	125	Qm-1	0.	0.	0.
91	91	124	Qm-1	0.	0.	0.
91	91	98	Qm-2	0.	0.	0.
91	91	99	Qm-2	0.	0.	0.
91	91	125	Qm-2	0.	0.	0.
91	91	124	Qm-2	0.	0.	0.
92	92	99	DEAD	0.	0.	0.
92	92	100	DEAD	0.	0.	0.
92	92	126	DEAD	0.	0.	0.
92	92	125	DEAD	0.	0.	0.
92	92	99	G1	0.	0.	0.
92	92	100	G1	0.	0.	0.
92	92	126	G1	0.	0.	0.
92	92	125	G1	0.	0.	0.
92	92	99	G2	0.	0.	0.
92	92	100	G2	0.	0.	0.
92	92	126	G2	0.	0.	0.
92	92	125	G2	0.	0.	0.
92	92	99	Qm	0.	0.	0.
92	92	100	Qm	0.	0.	0.
92	92	126	Qm	0.	0.	0.
92	92	125	Qm	0.	0.	0.
92	92	99	Qs	0.	0.	0.
92	92	100	Qs	0.	0.	0.
92	92	126	Qs	0.	0.	0.
92	92	125	Qs	0.	0.	0.
92	92	99	T+	-0.88526	-0.88526	-1.083E-17
92	92	100	T+	-0.88526	-0.88526	8.053E-16

Table 27: Element Forces - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	F11	F22	F12
				KN/mm	KN/mm	KN/mm
92	92	126	T+	-0.88526	-0.88526	7.382E-17
92	92	125	T+	-0.88526	-0.88526	-7.023E-16
92	92	99	T-	0.88526	0.88526	1.083E-17
92	92	100	T-	0.88526	0.88526	-8.053E-16
92	92	126	T-	0.88526	0.88526	-7.382E-17
92	92	125	T-	0.88526	0.88526	7.023E-16
92	92	99	W	0.	0.	0.
92	92	100	W	0.	0.	0.
92	92	126	W	0.	0.	0.
92	92	125	W	0.	0.	0.
92	92	99	Qm-1	0.	0.	0.
92	92	100	Qm-1	0.	0.	0.
92	92	126	Qm-1	0.	0.	0.
92	92	125	Qm-1	0.	0.	0.
92	92	99	Qm-2	0.	0.	0.
92	92	100	Qm-2	0.	0.	0.
92	92	126	Qm-2	0.	0.	0.
92	92	125	Qm-2	0.	0.	0.
93	93	100	DEAD	0.	0.	0.
93	93	101	DEAD	0.	0.	0.
93	93	127	DEAD	0.	0.	0.
93	93	126	DEAD	0.	0.	0.
93	93	100	G1	0.	0.	0.
93	93	101	G1	0.	0.	0.
93	93	127	G1	0.	0.	0.
93	93	126	G1	0.	0.	0.
93	93	100	G2	0.	0.	0.
93	93	101	G2	0.	0.	0.
93	93	127	G2	0.	0.	0.
93	93	126	G2	0.	0.	0.
93	93	100	Qm	0.	0.	0.
93	93	101	Qm	0.	0.	0.
93	93	127	Qm	0.	0.	0.
93	93	126	Qm	0.	0.	0.
93	93	100	Qs	0.	0.	0.
93	93	101	Qs	0.	0.	0.
93	93	127	Qs	0.	0.	0.
93	93	126	Qs	0.	0.	0.
93	93	100	T+	-0.88526	-0.88526	8.066E-17
93	93	101	T+	-0.88526	-0.88526	-8.049E-16
93	93	127	T+	-0.88526	-0.88526	3.021E-17
93	93	126	T+	-0.88526	-0.88526	8.358E-16
93	93	100	T-	0.88526	0.88526	-8.066E-17
93	93	101	T-	0.88526	0.88526	8.049E-16
93	93	127	T-	0.88526	0.88526	-3.021E-17
93	93	126	T-	0.88526	0.88526	-8.358E-16
93	93	100	W	0.	0.	0.
93	93	101	W	0.	0.	0.
93	93	127	W	0.	0.	0.
93	93	126	W	0.	0.	0.
93	93	100	Qm-1	0.	0.	0.
93	93	101	Qm-1	0.	0.	0.
93	93	127	Qm-1	0.	0.	0.
93	93	126	Qm-1	0.	0.	0.

Table 27: Element Forces - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	F11	F22	F12
				KN/mm	KN/mm	KN/mm
93	93	100	Qm-2	0.	0.	0.
93	93	101	Qm-2	0.	0.	0.
93	93	127	Qm-2	0.	0.	0.
93	93	126	Qm-2	0.	0.	0.
94	94	101	DEAD	0.	0.	0.
94	94	102	DEAD	0.	0.	0.
94	94	128	DEAD	0.	0.	0.
94	94	127	DEAD	0.	0.	0.
94	94	101	G1	0.	0.	0.
94	94	102	G1	0.	0.	0.
94	94	128	G1	0.	0.	0.
94	94	127	G1	0.	0.	0.
94	94	101	G2	0.	0.	0.
94	94	102	G2	0.	0.	0.
94	94	128	G2	0.	0.	0.
94	94	127	G2	0.	0.	0.
94	94	101	Qm	0.	0.	0.
94	94	102	Qm	0.	0.	0.
94	94	128	Qm	0.	0.	0.
94	94	127	Qm	0.	0.	0.
94	94	101	Qs	0.	0.	0.
94	94	102	Qs	0.	0.	0.
94	94	128	Qs	0.	0.	0.
94	94	127	Qs	0.	0.	0.
94	94	101	T+	-0.88526	-0.88526	-3.883E-18
94	94	102	T+	-0.88526	-0.88526	1.148E-15
94	94	128	T+	-0.88526	-0.88526	5.100E-17
94	94	127	T+	-0.88526	-0.88526	-1.101E-15
94	94	101	T-	0.88526	0.88526	3.883E-18
94	94	102	T-	0.88526	0.88526	-1.148E-15
94	94	128	T-	0.88526	0.88526	-5.100E-17
94	94	127	T-	0.88526	0.88526	1.101E-15
94	94	101	W	0.	0.	0.
94	94	102	W	0.	0.	0.
94	94	128	W	0.	0.	0.
94	94	127	W	0.	0.	0.
94	94	101	Qm-1	0.	0.	0.
94	94	102	Qm-1	0.	0.	0.
94	94	128	Qm-1	0.	0.	0.
94	94	127	Qm-1	0.	0.	0.
94	94	101	Qm-2	0.	0.	0.
94	94	102	Qm-2	0.	0.	0.
94	94	128	Qm-2	0.	0.	0.
94	94	127	Qm-2	0.	0.	0.
95	95	102	DEAD	0.	0.	0.
95	95	103	DEAD	0.	0.	0.
95	95	129	DEAD	0.	0.	0.
95	95	128	DEAD	0.	0.	0.
95	95	102	G1	0.	0.	0.
95	95	103	G1	0.	0.	0.
95	95	129	G1	0.	0.	0.
95	95	128	G1	0.	0.	0.
95	95	102	G2	0.	0.	0.
95	95	103	G2	0.	0.	0.

Table 27: Element Forces - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	F11	F22	F12
				KN/mm	KN/mm	KN/mm
95	95	129	G2	0.	0.	0.
95	95	128	G2	0.	0.	0.
95	95	102	Qm	0.	0.	0.
95	95	103	Qm	0.	0.	0.
95	95	129	Qm	0.	0.	0.
95	95	128	Qm	0.	0.	0.
95	95	102	Qs	0.	0.	0.
95	95	103	Qs	0.	0.	0.
95	95	129	Qs	0.	0.	0.
95	95	128	Qs	0.	0.	0.
95	95	102	T+	-0.88526	-0.88526	3.420E-17
95	95	103	T+	-0.88526	-0.88526	-1.905E-15
95	95	129	T+	-0.88526	-0.88526	1.138E-17
95	95	128	T+	-0.88526	-0.88526	1.911E-15
95	95	102	T-	0.88526	0.88526	-3.420E-17
95	95	103	T-	0.88526	0.88526	1.905E-15
95	95	129	T-	0.88526	0.88526	-1.138E-17
95	95	128	T-	0.88526	0.88526	-1.911E-15
95	95	102	W	0.	0.	0.
95	95	103	W	0.	0.	0.
95	95	129	W	0.	0.	0.
95	95	128	W	0.	0.	0.
95	95	102	Qm-1	0.	0.	0.
95	95	103	Qm-1	0.	0.	0.
95	95	129	Qm-1	0.	0.	0.
95	95	128	Qm-1	0.	0.	0.
95	95	102	Qm-2	0.	0.	0.
95	95	103	Qm-2	0.	0.	0.
95	95	129	Qm-2	0.	0.	0.
95	95	128	Qm-2	0.	0.	0.
96	96	103	DEAD	0.	0.	0.
96	96	104	DEAD	0.	0.	0.
96	96	130	DEAD	0.	0.	0.
96	96	129	DEAD	0.	0.	0.
96	96	103	G1	0.	0.	0.
96	96	104	G1	0.	0.	0.
96	96	130	G1	0.	0.	0.
96	96	129	G1	0.	0.	0.
96	96	103	G2	0.	0.	0.
96	96	104	G2	0.	0.	0.
96	96	130	G2	0.	0.	0.
96	96	129	G2	0.	0.	0.
96	96	103	Qm	0.	0.	0.
96	96	104	Qm	0.	0.	0.
96	96	130	Qm	0.	0.	0.
96	96	129	Qm	0.	0.	0.
96	96	103	Qs	0.	0.	0.
96	96	104	Qs	0.	0.	0.
96	96	130	Qs	0.	0.	0.
96	96	129	Qs	0.	0.	0.
96	96	103	T+	-0.88526	-0.88526	-1.526E-16
96	96	104	T+	-0.88526	-0.88526	-4.648E-16
96	96	130	T+	-0.88526	-0.88526	2.677E-16
96	96	129	T+	-0.88526	-0.88526	5.398E-16

Table 27: Element Forces - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	F11	F22	F12
				KN/mm	KN/mm	KN/mm
96	96	103	T-	0.88526	0.88526	1.526E-16
96	96	104	T-	0.88526	0.88526	4.648E-16
96	96	130	T-	0.88526	0.88526	-2.677E-16
96	96	129	T-	0.88526	0.88526	-5.398E-16
96	96	103	W	0.	0.	0.
96	96	104	W	0.	0.	0.
96	96	130	W	0.	0.	0.
96	96	129	W	0.	0.	0.
96	96	103	Qm-1	0.	0.	0.
96	96	104	Qm-1	0.	0.	0.
96	96	130	Qm-1	0.	0.	0.
96	96	129	Qm-1	0.	0.	0.
96	96	103	Qm-2	0.	0.	0.
96	96	104	Qm-2	0.	0.	0.
96	96	130	Qm-2	0.	0.	0.
96	96	129	Qm-2	0.	0.	0.
97	97	104	DEAD	0.	0.	0.
97	97	105	DEAD	0.	0.	0.
97	97	131	DEAD	0.	0.	0.
97	97	130	DEAD	0.	0.	0.
97	97	104	G1	0.	0.	0.
97	97	105	G1	0.	0.	0.
97	97	131	G1	0.	0.	0.
97	97	130	G1	0.	0.	0.
97	97	104	G2	0.	0.	0.
97	97	105	G2	0.	0.	0.
97	97	131	G2	0.	0.	0.
97	97	130	G2	0.	0.	0.
97	97	104	Qm	0.	0.	0.
97	97	105	Qm	0.	0.	0.
97	97	131	Qm	0.	0.	0.
97	97	130	Qm	0.	0.	0.
97	97	104	Qs	0.	0.	0.
97	97	105	Qs	0.	0.	0.
97	97	131	Qs	0.	0.	0.
97	97	130	Qs	0.	0.	0.
97	97	104	T+	-0.88526	-0.88526	8.666E-17
97	97	105	T+	-0.88526	-0.88526	1.811E-16
97	97	131	T+	-0.88526	-0.88526	-4.827E-17
97	97	130	T+	-0.88526	-0.88526	-1.827E-16
97	97	104	T-	0.88526	0.88526	-8.666E-17
97	97	105	T-	0.88526	0.88526	-1.811E-16
97	97	131	T-	0.88526	0.88526	4.827E-17
97	97	130	T-	0.88526	0.88526	1.827E-16
97	97	104	W	0.	0.	0.
97	97	105	W	0.	0.	0.
97	97	131	W	0.	0.	0.
97	97	130	W	0.	0.	0.
97	97	104	Qm-1	0.	0.	0.
97	97	105	Qm-1	0.	0.	0.
97	97	131	Qm-1	0.	0.	0.
97	97	130	Qm-1	0.	0.	0.
97	97	104	Qm-2	0.	0.	0.
97	97	105	Qm-2	0.	0.	0.

Table 27: Element Forces - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	F11	F22	F12
				KN/mm	KN/mm	KN/mm
97	97	131	Qm-2	0.	0.	0.
97	97	130	Qm-2	0.	0.	0.
98	98	105	DEAD	0.	0.	0.
98	98	106	DEAD	0.	0.	0.
98	98	132	DEAD	0.	0.	0.
98	98	131	DEAD	0.	0.	0.
98	98	105	G1	0.	0.	0.
98	98	106	G1	0.	0.	0.
98	98	132	G1	0.	0.	0.
98	98	131	G1	0.	0.	0.
98	98	105	G2	0.	0.	0.
98	98	106	G2	0.	0.	0.
98	98	132	G2	0.	0.	0.
98	98	131	G2	0.	0.	0.
98	98	105	Qm	0.	0.	0.
98	98	106	Qm	0.	0.	0.
98	98	132	Qm	0.	0.	0.
98	98	131	Qm	0.	0.	0.
98	98	105	Qs	0.	0.	0.
98	98	106	Qs	0.	0.	0.
98	98	132	Qs	0.	0.	0.
98	98	131	Qs	0.	0.	0.
98	98	105	T+	-0.88526	-0.88526	-1.056E-16
98	98	106	T+	-0.88526	-0.88526	8.032E-16
98	98	132	T+	-0.88526	-0.88526	1.337E-16
98	98	131	T+	-0.88526	-0.88526	-7.752E-16
98	98	105	T-	0.88526	0.88526	1.056E-16
98	98	106	T-	0.88526	0.88526	-8.032E-16
98	98	132	T-	0.88526	0.88526	-1.337E-16
98	98	131	T-	0.88526	0.88526	7.752E-16
98	98	105	W	0.	0.	0.
98	98	106	W	0.	0.	0.
98	98	132	W	0.	0.	0.
98	98	131	W	0.	0.	0.
98	98	105	Qm-1	0.	0.	0.
98	98	106	Qm-1	0.	0.	0.
98	98	132	Qm-1	0.	0.	0.
98	98	131	Qm-1	0.	0.	0.
98	98	105	Qm-2	0.	0.	0.
98	98	106	Qm-2	0.	0.	0.
98	98	132	Qm-2	0.	0.	0.
98	98	131	Qm-2	0.	0.	0.
99	99	106	DEAD	0.	0.	0.
99	99	107	DEAD	0.	0.	0.
99	99	133	DEAD	0.	0.	0.
99	99	132	DEAD	0.	0.	0.
99	99	106	G1	0.	0.	0.
99	99	107	G1	0.	0.	0.
99	99	133	G1	0.	0.	0.
99	99	132	G1	0.	0.	0.
99	99	106	G2	0.	0.	0.
99	99	107	G2	0.	0.	0.
99	99	133	G2	0.	0.	0.
99	99	132	G2	0.	0.	0.

Table 27: Element Forces - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	F11	F22	F12
				KN/mm	KN/mm	KN/mm
99	99	106	Qm	0.	0.	0.
99	99	107	Qm	0.	0.	0.
99	99	133	Qm	0.	0.	0.
99	99	132	Qm	0.	0.	0.
99	99	106	Qs	0.	0.	0.
99	99	107	Qs	0.	0.	0.
99	99	133	Qs	0.	0.	0.
99	99	132	Qs	0.	0.	0.
99	99	106	T+	-0.88526	-0.88526	-4.374E-18
99	99	107	T+	-0.88526	-0.88526	6.670E-16
99	99	133	T+	-0.88526	-0.88526	2.159E-16
99	99	132	T+	-0.88526	-0.88526	-5.354E-16
99	99	106	T-	0.88526	0.88526	4.374E-18
99	99	107	T-	0.88526	0.88526	-6.670E-16
99	99	133	T-	0.88526	0.88526	-2.159E-16
99	99	132	T-	0.88526	0.88526	5.354E-16
99	99	106	W	0.	0.	0.
99	99	107	W	0.	0.	0.
99	99	133	W	0.	0.	0.
99	99	132	W	0.	0.	0.
99	99	106	Qm-1	0.	0.	0.
99	99	107	Qm-1	0.	0.	0.
99	99	133	Qm-1	0.	0.	0.
99	99	132	Qm-1	0.	0.	0.
99	99	106	Qm-2	0.	0.	0.
99	99	107	Qm-2	0.	0.	0.
99	99	133	Qm-2	0.	0.	0.
99	99	132	Qm-2	0.	0.	0.
100	100	107	DEAD	0.	0.	0.
100	100	108	DEAD	0.	0.	0.
100	100	134	DEAD	0.	0.	0.
100	100	133	DEAD	0.	0.	0.
100	100	107	G1	0.	0.	0.
100	100	108	G1	0.	0.	0.
100	100	134	G1	0.	0.	0.
100	100	133	G1	0.	0.	0.
100	100	107	G2	0.	0.	0.
100	100	108	G2	0.	0.	0.
100	100	134	G2	0.	0.	0.
100	100	133	G2	0.	0.	0.
100	100	107	Qm	0.	0.	0.
100	100	108	Qm	0.	0.	0.
100	100	134	Qm	0.	0.	0.
100	100	133	Qm	0.	0.	0.
100	100	107	Qs	0.	0.	0.
100	100	108	Qs	0.	0.	0.
100	100	134	Qs	0.	0.	0.
100	100	133	Qs	0.	0.	0.
100	100	107	T+	-0.88526	-0.88526	-1.634E-16
100	100	108	T+	-0.88526	-0.88526	-1.050E-15
100	100	134	T+	-0.88526	-0.88526	1.243E-16
100	100	133	T+	-0.88526	-0.88526	1.091E-15
100	100	107	T-	0.88526	0.88526	1.634E-16
100	100	108	T-	0.88526	0.88526	1.050E-15

Table 27: Element Forces - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	F11	F22	F12
				KN/mm	KN/mm	KN/mm
100	100	134	T-	0.88526	0.88526	-1.243E-16
100	100	133	T-	0.88526	0.88526	-1.091E-15
100	100	107	W	0.	0.	0.
100	100	108	W	0.	0.	0.
100	100	134	W	0.	0.	0.
100	100	133	W	0.	0.	0.
100	100	107	Qm-1	0.	0.	0.
100	100	108	Qm-1	0.	0.	0.
100	100	134	Qm-1	0.	0.	0.
100	100	133	Qm-1	0.	0.	0.
100	100	107	Qm-2	0.	0.	0.
100	100	108	Qm-2	0.	0.	0.
100	100	134	Qm-2	0.	0.	0.
100	100	133	Qm-2	0.	0.	0.
101	101	108	DEAD	0.	0.	0.
101	101	109	DEAD	0.	0.	0.
101	101	135	DEAD	0.	0.	0.
101	101	134	DEAD	0.	0.	0.
101	101	108	G1	0.	0.	0.
101	101	109	G1	0.	0.	0.
101	101	135	G1	0.	0.	0.
101	101	134	G1	0.	0.	0.
101	101	108	G2	0.	0.	0.
101	101	109	G2	0.	0.	0.
101	101	135	G2	0.	0.	0.
101	101	134	G2	0.	0.	0.
101	101	108	Qm	0.	0.	0.
101	101	109	Qm	0.	0.	0.
101	101	135	Qm	0.	0.	0.
101	101	134	Qm	0.	0.	0.
101	101	108	Qs	0.	0.	0.
101	101	109	Qs	0.	0.	0.
101	101	135	Qs	0.	0.	0.
101	101	134	Qs	0.	0.	0.
101	101	108	T+	-0.88526	-0.88526	-1.128E-17
101	101	109	T+	-0.88526	-0.88526	4.173E-16
101	101	135	T+	-0.88526	-0.88526	8.623E-17
101	101	134	T+	-0.88526	-0.88526	-4.223E-16
101	101	108	T-	0.88526	0.88526	1.128E-17
101	101	109	T-	0.88526	0.88526	-4.173E-16
101	101	135	T-	0.88526	0.88526	-8.623E-17
101	101	134	T-	0.88526	0.88526	4.223E-16
101	101	108	W	0.	0.	0.
101	101	109	W	0.	0.	0.
101	101	135	W	0.	0.	0.
101	101	134	W	0.	0.	0.
101	101	108	Qm-1	0.	0.	0.
101	101	109	Qm-1	0.	0.	0.
101	101	135	Qm-1	0.	0.	0.
101	101	134	Qm-1	0.	0.	0.
101	101	108	Qm-2	0.	0.	0.
101	101	109	Qm-2	0.	0.	0.
101	101	135	Qm-2	0.	0.	0.
101	101	134	Qm-2	0.	0.	0.

Table 27: Element Forces - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	F11	F22	F12
				KN/mm	KN/mm	KN/mm
102	102	109	DEAD	0.	0.	0.
102	102	110	DEAD	0.	0.	0.
102	102	136	DEAD	0.	0.	0.
102	102	135	DEAD	0.	0.	0.
102	102	109	G1	0.	0.	0.
102	102	110	G1	0.	0.	0.
102	102	136	G1	0.	0.	0.
102	102	135	G1	0.	0.	0.
102	102	109	G2	0.	0.	0.
102	102	110	G2	0.	0.	0.
102	102	136	G2	0.	0.	0.
102	102	135	G2	0.	0.	0.
102	102	109	Qm	0.	0.	0.
102	102	110	Qm	0.	0.	0.
102	102	136	Qm	0.	0.	0.
102	102	135	Qm	0.	0.	0.
102	102	109	Qs	0.	0.	0.
102	102	110	Qs	0.	0.	0.
102	102	136	Qs	0.	0.	0.
102	102	135	Qs	0.	0.	0.
102	102	109	T+	-0.88526	-0.88526	7.079E-17
102	102	110	T+	-0.88526	-0.88526	-4.868E-16
102	102	136	T+	-0.88526	-0.88526	-8.601E-17
102	102	135	T+	-0.88526	-0.88526	4.315E-16
102	102	109	T-	0.88526	0.88526	-7.079E-17
102	102	110	T-	0.88526	0.88526	4.868E-16
102	102	136	T-	0.88526	0.88526	8.601E-17
102	102	135	T-	0.88526	0.88526	-4.315E-16
102	102	109	W	0.	0.	0.
102	102	110	W	0.	0.	0.
102	102	136	W	0.	0.	0.
102	102	135	W	0.	0.	0.
102	102	109	Qm-1	0.	0.	0.
102	102	110	Qm-1	0.	0.	0.
102	102	136	Qm-1	0.	0.	0.
102	102	135	Qm-1	0.	0.	0.
102	102	109	Qm-2	0.	0.	0.
102	102	110	Qm-2	0.	0.	0.
102	102	136	Qm-2	0.	0.	0.
102	102	135	Qm-2	0.	0.	0.
103	103	111	DEAD	0.	0.	0.
103	103	112	DEAD	0.	0.	0.
103	103	138	DEAD	0.	0.	0.
103	103	137	DEAD	0.	0.	0.
103	103	111	G1	0.	0.	0.
103	103	112	G1	0.	0.	0.
103	103	138	G1	0.	0.	0.
103	103	137	G1	0.	0.	0.
103	103	111	G2	0.	0.	0.
103	103	112	G2	0.	0.	0.
103	103	138	G2	0.	0.	0.
103	103	137	G2	0.	0.	0.
103	103	111	Qm	0.	0.	0.
103	103	112	Qm	0.	0.	0.

Table 27: Element Forces - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	F11	F22	F12
				KN/mm	KN/mm	KN/mm
103	103	138	Qm	0.	0.	0.
103	103	137	Qm	0.	0.	0.
103	103	111	Qs	0.	0.	0.
103	103	112	Qs	0.	0.	0.
103	103	138	Qs	0.	0.	0.
103	103	137	Qs	0.	0.	0.
103	103	111	T+	-0.88526	-0.88526	-3.273E-18
103	103	112	T+	-0.88526	-0.88526	-1.570E-15
103	103	138	T+	-0.88526	-0.88526	-1.325E-18
103	103	137	T+	-0.88526	-0.88526	1.525E-15
103	103	111	T-	0.88526	0.88526	3.273E-18
103	103	112	T-	0.88526	0.88526	1.570E-15
103	103	138	T-	0.88526	0.88526	1.325E-18
103	103	137	T-	0.88526	0.88526	-1.525E-15
103	103	111	W	0.	0.	0.
103	103	112	W	0.	0.	0.
103	103	138	W	0.	0.	0.
103	103	137	W	0.	0.	0.
103	103	111	Qm-1	0.	0.	0.
103	103	112	Qm-1	0.	0.	0.
103	103	138	Qm-1	0.	0.	0.
103	103	137	Qm-1	0.	0.	0.
103	103	111	Qm-2	0.	0.	0.
103	103	112	Qm-2	0.	0.	0.
103	103	138	Qm-2	0.	0.	0.
103	103	137	Qm-2	0.	0.	0.
104	104	112	DEAD	0.	0.	0.
104	104	113	DEAD	0.	0.	0.
104	104	139	DEAD	0.	0.	0.
104	104	138	DEAD	0.	0.	0.
104	104	112	G1	0.	0.	0.
104	104	113	G1	0.	0.	0.
104	104	139	G1	0.	0.	0.
104	104	138	G1	0.	0.	0.
104	104	112	G2	0.	0.	0.
104	104	113	G2	0.	0.	0.
104	104	139	G2	0.	0.	0.
104	104	138	G2	0.	0.	0.
104	104	112	Qm	0.	0.	0.
104	104	113	Qm	0.	0.	0.
104	104	139	Qm	0.	0.	0.
104	104	138	Qm	0.	0.	0.
104	104	112	Qs	0.	0.	0.
104	104	113	Qs	0.	0.	0.
104	104	139	Qs	0.	0.	0.
104	104	138	Qs	0.	0.	0.
104	104	112	T+	-0.88526	-0.88526	-9.464E-17
104	104	113	T+	-0.88526	-0.88526	4.623E-17
104	104	139	T+	-0.88526	-0.88526	1.453E-16
104	104	138	T+	-0.88526	-0.88526	-3.561E-17
104	104	112	T-	0.88526	0.88526	9.464E-17
104	104	113	T-	0.88526	0.88526	-4.623E-17
104	104	139	T-	0.88526	0.88526	-1.453E-16
104	104	138	T-	0.88526	0.88526	3.561E-17

Table 27: Element Forces - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	F11	F22	F12
				KN/mm	KN/mm	KN/mm
104	104	112	W	0.	0.	0.
104	104	113	W	0.	0.	0.
104	104	139	W	0.	0.	0.
104	104	138	W	0.	0.	0.
104	104	112	Qm-1	0.	0.	0.
104	104	113	Qm-1	0.	0.	0.
104	104	139	Qm-1	0.	0.	0.
104	104	138	Qm-1	0.	0.	0.
104	104	112	Qm-2	0.	0.	0.
104	104	113	Qm-2	0.	0.	0.
104	104	139	Qm-2	0.	0.	0.
104	104	138	Qm-2	0.	0.	0.
105	105	113	DEAD	0.	0.	0.
105	105	114	DEAD	0.	0.	0.
105	105	140	DEAD	0.	0.	0.
105	105	139	DEAD	0.	0.	0.
105	105	113	G1	0.	0.	0.
105	105	114	G1	0.	0.	0.
105	105	140	G1	0.	0.	0.
105	105	139	G1	0.	0.	0.
105	105	113	G2	0.	0.	0.
105	105	114	G2	0.	0.	0.
105	105	140	G2	0.	0.	0.
105	105	139	G2	0.	0.	0.
105	105	113	Qm	0.	0.	0.
105	105	114	Qm	0.	0.	0.
105	105	140	Qm	0.	0.	0.
105	105	139	Qm	0.	0.	0.
105	105	113	Qs	0.	0.	0.
105	105	114	Qs	0.	0.	0.
105	105	140	Qs	0.	0.	0.
105	105	139	Qs	0.	0.	0.
105	105	113	T+	-0.88526	-0.88526	-2.546E-16
105	105	114	T+	-0.88526	-0.88526	-8.845E-16
105	105	140	T+	-0.88526	-0.88526	1.639E-16
105	105	139	T+	-0.88526	-0.88526	7.138E-16
105	105	113	T-	0.88526	0.88526	2.546E-16
105	105	114	T-	0.88526	0.88526	8.845E-16
105	105	140	T-	0.88526	0.88526	-1.639E-16
105	105	139	T-	0.88526	0.88526	-7.138E-16
105	105	113	W	0.	0.	0.
105	105	114	W	0.	0.	0.
105	105	140	W	0.	0.	0.
105	105	139	W	0.	0.	0.
105	105	113	Qm-1	0.	0.	0.
105	105	114	Qm-1	0.	0.	0.
105	105	140	Qm-1	0.	0.	0.
105	105	139	Qm-1	0.	0.	0.
105	105	113	Qm-2	0.	0.	0.
105	105	114	Qm-2	0.	0.	0.
105	105	140	Qm-2	0.	0.	0.
105	105	139	Qm-2	0.	0.	0.
106	106	114	DEAD	0.	0.	0.
106	106	115	DEAD	0.	0.	0.

Table 27: Element Forces - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	F11	F22	F12
				KN/mm	KN/mm	KN/mm
106	106	141	DEAD	0.	0.	0.
106	106	140	DEAD	0.	0.	0.
106	106	114	G1	0.	0.	0.
106	106	115	G1	0.	0.	0.
106	106	141	G1	0.	0.	0.
106	106	140	G1	0.	0.	0.
106	106	114	G2	0.	0.	0.
106	106	115	G2	0.	0.	0.
106	106	141	G2	0.	0.	0.
106	106	140	G2	0.	0.	0.
106	106	114	Qm	0.	0.	0.
106	106	115	Qm	0.	0.	0.
106	106	141	Qm	0.	0.	0.
106	106	140	Qm	0.	0.	0.
106	106	114	Qs	0.	0.	0.
106	106	115	Qs	0.	0.	0.
106	106	141	Qs	0.	0.	0.
106	106	140	Qs	0.	0.	0.
106	106	114	T+	-0.88526	-0.88526	-9.497E-17
106	106	115	T+	-0.88526	-0.88526	1.009E-15
106	106	141	T+	-0.88526	-0.88526	1.672E-16
106	106	140	T+	-0.88526	-0.88526	-9.365E-16
106	106	114	T-	0.88526	0.88526	9.497E-17
106	106	115	T-	0.88526	0.88526	-1.009E-15
106	106	141	T-	0.88526	0.88526	-1.672E-16
106	106	140	T-	0.88526	0.88526	9.365E-16
106	106	114	W	0.	0.	0.
106	106	115	W	0.	0.	0.
106	106	141	W	0.	0.	0.
106	106	140	W	0.	0.	0.
106	106	114	Qm-1	0.	0.	0.
106	106	115	Qm-1	0.	0.	0.
106	106	141	Qm-1	0.	0.	0.
106	106	140	Qm-1	0.	0.	0.
106	106	114	Qm-2	0.	0.	0.
106	106	115	Qm-2	0.	0.	0.
106	106	141	Qm-2	0.	0.	0.
106	106	140	Qm-2	0.	0.	0.
107	107	115	DEAD	0.	0.	0.
107	107	116	DEAD	0.	0.	0.
107	107	142	DEAD	0.	0.	0.
107	107	141	DEAD	0.	0.	0.
107	107	115	G1	0.	0.	0.
107	107	116	G1	0.	0.	0.
107	107	142	G1	0.	0.	0.
107	107	141	G1	0.	0.	0.
107	107	115	G2	0.	0.	0.
107	107	116	G2	0.	0.	0.
107	107	142	G2	0.	0.	0.
107	107	141	G2	0.	0.	0.
107	107	115	Qm	0.	0.	0.
107	107	116	Qm	0.	0.	0.
107	107	142	Qm	0.	0.	0.
107	107	141	Qm	0.	0.	0.

Table 27: Element Forces - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	F11	F22	F12
				KN/mm	KN/mm	KN/mm
107	107	115	Qs	0.	0.	0.
107	107	116	Qs	0.	0.	0.
107	107	142	Qs	0.	0.	0.
107	107	141	Qs	0.	0.	0.
107	107	115	T+	-0.88526	-0.88526	-1.267E-16
107	107	116	T+	-0.88526	-0.88526	1.498E-15
107	107	142	T+	-0.88526	-0.88526	2.046E-16
107	107	141	T+	-0.88526	-0.88526	-1.540E-15
107	107	115	T-	0.88526	0.88526	1.267E-16
107	107	116	T-	0.88526	0.88526	-1.498E-15
107	107	142	T-	0.88526	0.88526	-2.046E-16
107	107	141	T-	0.88526	0.88526	1.540E-15
107	107	115	W	0.	0.	0.
107	107	116	W	0.	0.	0.
107	107	142	W	0.	0.	0.
107	107	141	W	0.	0.	0.
107	107	115	Qm-1	0.	0.	0.
107	107	116	Qm-1	0.	0.	0.
107	107	142	Qm-1	0.	0.	0.
107	107	141	Qm-1	0.	0.	0.
107	107	115	Qm-2	0.	0.	0.
107	107	116	Qm-2	0.	0.	0.
107	107	142	Qm-2	0.	0.	0.
107	107	141	Qm-2	0.	0.	0.
108	108	116	DEAD	0.	0.	0.
108	108	117	DEAD	0.	0.	0.
108	108	143	DEAD	0.	0.	0.
108	108	142	DEAD	0.	0.	0.
108	108	116	G1	0.	0.	0.
108	108	117	G1	0.	0.	0.
108	108	143	G1	0.	0.	0.
108	108	142	G1	0.	0.	0.
108	108	116	G2	0.	0.	0.
108	108	117	G2	0.	0.	0.
108	108	143	G2	0.	0.	0.
108	108	142	G2	0.	0.	0.
108	108	116	Qm	0.	0.	0.
108	108	117	Qm	0.	0.	0.
108	108	143	Qm	0.	0.	0.
108	108	142	Qm	0.	0.	0.
108	108	116	Qs	0.	0.	0.
108	108	117	Qs	0.	0.	0.
108	108	143	Qs	0.	0.	0.
108	108	142	Qs	0.	0.	0.
108	108	116	T+	-0.88526	-0.88526	-5.817E-17
108	108	117	T+	-0.88526	-0.88526	-1.664E-15
108	108	143	T+	-0.88526	-0.88526	1.733E-16
108	108	142	T+	-0.88526	-0.88526	1.899E-15
108	108	116	T-	0.88526	0.88526	5.817E-17
108	108	117	T-	0.88526	0.88526	1.664E-15
108	108	143	T-	0.88526	0.88526	-1.733E-16
108	108	142	T-	0.88526	0.88526	-1.899E-15
108	108	116	W	0.	0.	0.
108	108	117	W	0.	0.	0.

Table 27: Element Forces - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	F11	F22	F12
				KN/mm	KN/mm	KN/mm
108	108	143	W	0.	0.	0.
108	108	142	W	0.	0.	0.
108	108	116	Qm-1	0.	0.	0.
108	108	117	Qm-1	0.	0.	0.
108	108	143	Qm-1	0.	0.	0.
108	108	142	Qm-1	0.	0.	0.
108	108	116	Qm-2	0.	0.	0.
108	108	117	Qm-2	0.	0.	0.
108	108	143	Qm-2	0.	0.	0.
108	108	142	Qm-2	0.	0.	0.
109	109	117	DEAD	0.	0.	0.
109	109	118	DEAD	0.	0.	0.
109	109	144	DEAD	0.	0.	0.
109	109	143	DEAD	0.	0.	0.
109	109	117	G1	0.	0.	0.
109	109	118	G1	0.	0.	0.
109	109	144	G1	0.	0.	0.
109	109	143	G1	0.	0.	0.
109	109	117	G2	0.	0.	0.
109	109	118	G2	0.	0.	0.
109	109	144	G2	0.	0.	0.
109	109	143	G2	0.	0.	0.
109	109	117	Qm	0.	0.	0.
109	109	118	Qm	0.	0.	0.
109	109	144	Qm	0.	0.	0.
109	109	143	Qm	0.	0.	0.
109	109	117	Qs	0.	0.	0.
109	109	118	Qs	0.	0.	0.
109	109	144	Qs	0.	0.	0.
109	109	143	Qs	0.	0.	0.
109	109	117	T+	-0.88526	-0.88526	-2.319E-16
109	109	118	T+	-0.88526	-0.88526	2.804E-16
109	109	144	T+	-0.88526	-0.88526	1.811E-16
109	109	143	T+	-0.88526	-0.88526	-2.912E-16
109	109	117	T-	0.88526	0.88526	2.319E-16
109	109	118	T-	0.88526	0.88526	-2.804E-16
109	109	144	T-	0.88526	0.88526	-1.811E-16
109	109	143	T-	0.88526	0.88526	2.912E-16
109	109	117	W	0.	0.	0.
109	109	118	W	0.	0.	0.
109	109	144	W	0.	0.	0.
109	109	143	W	0.	0.	0.
109	109	117	Qm-1	0.	0.	0.
109	109	118	Qm-1	0.	0.	0.
109	109	144	Qm-1	0.	0.	0.
109	109	143	Qm-1	0.	0.	0.
109	109	117	Qm-2	0.	0.	0.
109	109	118	Qm-2	0.	0.	0.
109	109	144	Qm-2	0.	0.	0.
109	109	143	Qm-2	0.	0.	0.
110	110	118	DEAD	0.	0.	0.
110	110	119	DEAD	0.	0.	0.
110	110	145	DEAD	0.	0.	0.
110	110	144	DEAD	0.	0.	0.

Table 27: Element Forces - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	F11	F22	F12
				KN/mm	KN/mm	KN/mm
110	110	118	G1	0.	0.	0.
110	110	119	G1	0.	0.	0.
110	110	145	G1	0.	0.	0.
110	110	144	G1	0.	0.	0.
110	110	118	G2	0.	0.	0.
110	110	119	G2	0.	0.	0.
110	110	145	G2	0.	0.	0.
110	110	144	G2	0.	0.	0.
110	110	118	Qm	0.	0.	0.
110	110	119	Qm	0.	0.	0.
110	110	145	Qm	0.	0.	0.
110	110	144	Qm	0.	0.	0.
110	110	118	Qs	0.	0.	0.
110	110	119	Qs	0.	0.	0.
110	110	145	Qs	0.	0.	0.
110	110	144	Qs	0.	0.	0.
110	110	118	T+	-0.88526	-0.88526	-1.388E-16
110	110	119	T+	-0.88526	-0.88526	-9.635E-16
110	110	145	T+	-0.88526	-0.88526	3.632E-16
110	110	144	T+	-0.88526	-0.88526	1.068E-15
110	110	118	T-	0.88526	0.88526	1.388E-16
110	110	119	T-	0.88526	0.88526	9.635E-16
110	110	145	T-	0.88526	0.88526	-3.632E-16
110	110	144	T-	0.88526	0.88526	-1.068E-15
110	110	118	W	0.	0.	0.
110	110	119	W	0.	0.	0.
110	110	145	W	0.	0.	0.
110	110	144	W	0.	0.	0.
110	110	118	Qm-1	0.	0.	0.
110	110	119	Qm-1	0.	0.	0.
110	110	145	Qm-1	0.	0.	0.
110	110	144	Qm-1	0.	0.	0.
110	110	118	Qm-2	0.	0.	0.
110	110	119	Qm-2	0.	0.	0.
110	110	145	Qm-2	0.	0.	0.
110	110	144	Qm-2	0.	0.	0.
111	111	119	DEAD	0.	0.	0.
111	111	120	DEAD	0.	0.	0.
111	111	146	DEAD	0.	0.	0.
111	111	145	DEAD	0.	0.	0.
111	111	119	G1	0.	0.	0.
111	111	120	G1	0.	0.	0.
111	111	146	G1	0.	0.	0.
111	111	145	G1	0.	0.	0.
111	111	119	G2	0.	0.	0.
111	111	120	G2	0.	0.	0.
111	111	146	G2	0.	0.	0.
111	111	145	G2	0.	0.	0.
111	111	119	Qm	0.	0.	0.
111	111	120	Qm	0.	0.	0.
111	111	146	Qm	0.	0.	0.
111	111	145	Qm	0.	0.	0.
111	111	119	Qs	0.	0.	0.
111	111	120	Qs	0.	0.	0.

Table 27: Element Forces - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	F11	F22	F12
				KN/mm	KN/mm	KN/mm
111	111	146	Qs	0.	0.	0.
111	111	145	Qs	0.	0.	0.
111	111	119	T+	-0.88526	-0.88526	-1.297E-16
111	111	120	T+	-0.88526	-0.88526	-3.986E-16
111	111	146	T+	-0.88526	-0.88526	2.228E-16
111	111	145	T+	-0.88526	-0.88526	4.117E-16
111	111	119	T-	0.88526	0.88526	1.297E-16
111	111	120	T-	0.88526	0.88526	3.986E-16
111	111	146	T-	0.88526	0.88526	-2.228E-16
111	111	145	T-	0.88526	0.88526	-4.117E-16
111	111	119	W	0.	0.	0.
111	111	120	W	0.	0.	0.
111	111	146	W	0.	0.	0.
111	111	145	W	0.	0.	0.
111	111	119	Qm-1	0.	0.	0.
111	111	120	Qm-1	0.	0.	0.
111	111	146	Qm-1	0.	0.	0.
111	111	145	Qm-1	0.	0.	0.
111	111	119	Qm-2	0.	0.	0.
111	111	120	Qm-2	0.	0.	0.
111	111	146	Qm-2	0.	0.	0.
111	111	145	Qm-2	0.	0.	0.
112	112	120	DEAD	0.	0.	0.
112	112	121	DEAD	0.	0.	0.
112	112	147	DEAD	0.	0.	0.
112	112	146	DEAD	0.	0.	0.
112	112	120	G1	0.	0.	0.
112	112	121	G1	0.	0.	0.
112	112	147	G1	0.	0.	0.
112	112	146	G1	0.	0.	0.
112	112	120	G2	0.	0.	0.
112	112	121	G2	0.	0.	0.
112	112	147	G2	0.	0.	0.
112	112	146	G2	0.	0.	0.
112	112	120	Qm	0.	0.	0.
112	112	121	Qm	0.	0.	0.
112	112	147	Qm	0.	0.	0.
112	112	146	Qm	0.	0.	0.
112	112	120	Qs	0.	0.	0.
112	112	121	Qs	0.	0.	0.
112	112	147	Qs	0.	0.	0.
112	112	146	Qs	0.	0.	0.
112	112	120	T+	-0.88526	-0.88526	4.409E-17
112	112	121	T+	-0.88526	-0.88526	-1.144E-16
112	112	147	T+	-0.88526	-0.88526	1.903E-17
112	112	146	T+	-0.88526	-0.88526	2.975E-16
112	112	120	T-	0.88526	0.88526	-4.409E-17
112	112	121	T-	0.88526	0.88526	1.144E-16
112	112	147	T-	0.88526	0.88526	-1.903E-17
112	112	146	T-	0.88526	0.88526	-2.975E-16
112	112	120	W	0.	0.	0.
112	112	121	W	0.	0.	0.
112	112	147	W	0.	0.	0.
112	112	146	W	0.	0.	0.

Table 27: Element Forces - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	F11	F22	F12
				KN/mm	KN/mm	KN/mm
112	112	120	Qm-1	0.	0.	0.
112	112	121	Qm-1	0.	0.	0.
112	112	147	Qm-1	0.	0.	0.
112	112	146	Qm-1	0.	0.	0.
112	112	120	Qm-2	0.	0.	0.
112	112	121	Qm-2	0.	0.	0.
112	112	147	Qm-2	0.	0.	0.
112	112	146	Qm-2	0.	0.	0.
113	113	121	DEAD	0.	0.	0.
113	113	122	DEAD	0.	0.	0.
113	113	148	DEAD	0.	0.	0.
113	113	147	DEAD	0.	0.	0.
113	113	121	G1	0.	0.	0.
113	113	122	G1	0.	0.	0.
113	113	148	G1	0.	0.	0.
113	113	147	G1	0.	0.	0.
113	113	121	G2	0.	0.	0.
113	113	122	G2	0.	0.	0.
113	113	148	G2	0.	0.	0.
113	113	147	G2	0.	0.	0.
113	113	121	Qm	0.	0.	0.
113	113	122	Qm	0.	0.	0.
113	113	148	Qm	0.	0.	0.
113	113	147	Qm	0.	0.	0.
113	113	121	Qs	0.	0.	0.
113	113	122	Qs	0.	0.	0.
113	113	148	Qs	0.	0.	0.
113	113	147	Qs	0.	0.	0.
113	113	121	T+	-0.88526	-0.88526	-2.769E-16
113	113	122	T+	-0.88526	-0.88526	-1.608E-15
113	113	148	T+	-0.88526	-0.88526	7.973E-17
113	113	147	T+	-0.88526	-0.88526	1.371E-15
113	113	121	T-	0.88526	0.88526	2.769E-16
113	113	122	T-	0.88526	0.88526	1.608E-15
113	113	148	T-	0.88526	0.88526	-7.973E-17
113	113	147	T-	0.88526	0.88526	-1.371E-15
113	113	121	W	0.	0.	0.
113	113	122	W	0.	0.	0.
113	113	148	W	0.	0.	0.
113	113	147	W	0.	0.	0.
113	113	121	Qm-1	0.	0.	0.
113	113	122	Qm-1	0.	0.	0.
113	113	148	Qm-1	0.	0.	0.
113	113	147	Qm-1	0.	0.	0.
113	113	121	Qm-2	0.	0.	0.
113	113	122	Qm-2	0.	0.	0.
113	113	148	Qm-2	0.	0.	0.
113	113	147	Qm-2	0.	0.	0.
114	114	122	DEAD	0.	0.	0.
114	114	123	DEAD	0.	0.	0.
114	114	149	DEAD	0.	0.	0.
114	114	148	DEAD	0.	0.	0.
114	114	122	G1	0.	0.	0.
114	114	123	G1	0.	0.	0.

Table 27: Element Forces - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	F11	F22	F12
				KN/mm	KN/mm	KN/mm
114	114	149	G1	0.	0.	0.
114	114	148	G1	0.	0.	0.
114	114	122	G2	0.	0.	0.
114	114	123	G2	0.	0.	0.
114	114	149	G2	0.	0.	0.
114	114	148	G2	0.	0.	0.
114	114	122	Qm	0.	0.	0.
114	114	123	Qm	0.	0.	0.
114	114	149	Qm	0.	0.	0.
114	114	148	Qm	0.	0.	0.
114	114	122	Qs	0.	0.	0.
114	114	123	Qs	0.	0.	0.
114	114	149	Qs	0.	0.	0.
114	114	148	Qs	0.	0.	0.
114	114	122	T+	-0.88526	-0.88526	2.643E-16
114	114	123	T+	-0.88526	-0.88526	-9.064E-16
114	114	149	T+	-0.88526	-0.88526	-2.040E-16
114	114	148	T+	-0.88526	-0.88526	9.666E-16
114	114	122	T-	0.88526	0.88526	-2.643E-16
114	114	123	T-	0.88526	0.88526	9.064E-16
114	114	149	T-	0.88526	0.88526	2.040E-16
114	114	148	T-	0.88526	0.88526	-9.666E-16
114	114	122	W	0.	0.	0.
114	114	123	W	0.	0.	0.
114	114	149	W	0.	0.	0.
114	114	148	W	0.	0.	0.
114	114	122	Qm-1	0.	0.	0.
114	114	123	Qm-1	0.	0.	0.
114	114	149	Qm-1	0.	0.	0.
114	114	148	Qm-1	0.	0.	0.
114	114	122	Qm-2	0.	0.	0.
114	114	123	Qm-2	0.	0.	0.
114	114	149	Qm-2	0.	0.	0.
114	114	148	Qm-2	0.	0.	0.
115	115	123	DEAD	0.	0.	0.
115	115	124	DEAD	0.	0.	0.
115	115	150	DEAD	0.	0.	0.
115	115	149	DEAD	0.	0.	0.
115	115	123	G1	0.	0.	0.
115	115	124	G1	0.	0.	0.
115	115	150	G1	0.	0.	0.
115	115	149	G1	0.	0.	0.
115	115	123	G2	0.	0.	0.
115	115	124	G2	0.	0.	0.
115	115	150	G2	0.	0.	0.
115	115	149	G2	0.	0.	0.
115	115	123	Qm	0.	0.	0.
115	115	124	Qm	0.	0.	0.
115	115	150	Qm	0.	0.	0.
115	115	149	Qm	0.	0.	0.
115	115	123	Qs	0.	0.	0.
115	115	124	Qs	0.	0.	0.
115	115	150	Qs	0.	0.	0.
115	115	149	Qs	0.	0.	0.

Table 27: Element Forces - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	F11	F22	F12
				KN/mm	KN/mm	KN/mm
115	115	123	T+	-0.88526	-0.88526	-3.044E-16
115	115	124	T+	-0.88526	-0.88526	-5.120E-16
115	115	150	T+	-0.88526	-0.88526	1.133E-16
115	115	149	T+	-0.88526	-0.88526	2.009E-16
115	115	123	T-	0.88526	0.88526	3.044E-16
115	115	124	T-	0.88526	0.88526	5.120E-16
115	115	150	T-	0.88526	0.88526	-1.133E-16
115	115	149	T-	0.88526	0.88526	-2.009E-16
115	115	123	W	0.	0.	0.
115	115	124	W	0.	0.	0.
115	115	150	W	0.	0.	0.
115	115	149	W	0.	0.	0.
115	115	123	Qm-1	0.	0.	0.
115	115	124	Qm-1	0.	0.	0.
115	115	150	Qm-1	0.	0.	0.
115	115	149	Qm-1	0.	0.	0.
115	115	123	Qm-2	0.	0.	0.
115	115	124	Qm-2	0.	0.	0.
115	115	150	Qm-2	0.	0.	0.
115	115	149	Qm-2	0.	0.	0.
116	116	124	DEAD	0.	0.	0.
116	116	125	DEAD	0.	0.	0.
116	116	151	DEAD	0.	0.	0.
116	116	150	DEAD	0.	0.	0.
116	116	124	G1	0.	0.	0.
116	116	125	G1	0.	0.	0.
116	116	151	G1	0.	0.	0.
116	116	150	G1	0.	0.	0.
116	116	124	G2	0.	0.	0.
116	116	125	G2	0.	0.	0.
116	116	151	G2	0.	0.	0.
116	116	150	G2	0.	0.	0.
116	116	124	Qm	0.	0.	0.
116	116	125	Qm	0.	0.	0.
116	116	151	Qm	0.	0.	0.
116	116	150	Qm	0.	0.	0.
116	116	124	Qs	0.	0.	0.
116	116	125	Qs	0.	0.	0.
116	116	151	Qs	0.	0.	0.
116	116	150	Qs	0.	0.	0.
116	116	124	T+	-0.88526	-0.88526	1.451E-17
116	116	125	T+	-0.88526	-0.88526	-4.661E-16
116	116	151	T+	-0.88526	-0.88526	3.476E-17
116	116	150	T+	-0.88526	-0.88526	6.353E-16
116	116	124	T-	0.88526	0.88526	-1.451E-17
116	116	125	T-	0.88526	0.88526	4.661E-16
116	116	151	T-	0.88526	0.88526	-3.476E-17
116	116	150	T-	0.88526	0.88526	-6.353E-16
116	116	124	W	0.	0.	0.
116	116	125	W	0.	0.	0.
116	116	151	W	0.	0.	0.
116	116	150	W	0.	0.	0.
116	116	124	Qm-1	0.	0.	0.
116	116	125	Qm-1	0.	0.	0.

Table 27: Element Forces - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	F11	F22	F12
				KN/mm	KN/mm	KN/mm
116	116	151	Qm-1	0.	0.	0.
116	116	150	Qm-1	0.	0.	0.
116	116	124	Qm-2	0.	0.	0.
116	116	125	Qm-2	0.	0.	0.
116	116	151	Qm-2	0.	0.	0.
116	116	150	Qm-2	0.	0.	0.
117	117	125	DEAD	0.	0.	0.
117	117	126	DEAD	0.	0.	0.
117	117	152	DEAD	0.	0.	0.
117	117	151	DEAD	0.	0.	0.
117	117	125	G1	0.	0.	0.
117	117	126	G1	0.	0.	0.
117	117	152	G1	0.	0.	0.
117	117	151	G1	0.	0.	0.
117	117	125	G2	0.	0.	0.
117	117	126	G2	0.	0.	0.
117	117	152	G2	0.	0.	0.
117	117	151	G2	0.	0.	0.
117	117	125	Qm	0.	0.	0.
117	117	126	Qm	0.	0.	0.
117	117	152	Qm	0.	0.	0.
117	117	151	Qm	0.	0.	0.
117	117	125	Qs	0.	0.	0.
117	117	126	Qs	0.	0.	0.
117	117	152	Qs	0.	0.	0.
117	117	151	Qs	0.	0.	0.
117	117	125	T+	-0.88526	-0.88526	7.576E-17
117	117	126	T+	-0.88526	-0.88526	-9.688E-16
117	117	152	T+	-0.88526	-0.88526	2.048E-17
117	117	151	T+	-0.88526	-0.88526	9.851E-16
117	117	125	T-	0.88526	0.88526	-7.576E-17
117	117	126	T-	0.88526	0.88526	9.688E-16
117	117	152	T-	0.88526	0.88526	-2.048E-17
117	117	151	T-	0.88526	0.88526	-9.851E-16
117	117	125	W	0.	0.	0.
117	117	126	W	0.	0.	0.
117	117	152	W	0.	0.	0.
117	117	151	W	0.	0.	0.
117	117	125	Qm-1	0.	0.	0.
117	117	126	Qm-1	0.	0.	0.
117	117	152	Qm-1	0.	0.	0.
117	117	151	Qm-1	0.	0.	0.
117	117	125	Qm-2	0.	0.	0.
117	117	126	Qm-2	0.	0.	0.
117	117	152	Qm-2	0.	0.	0.
117	117	151	Qm-2	0.	0.	0.
118	118	126	DEAD	0.	0.	0.
118	118	127	DEAD	0.	0.	0.
118	118	153	DEAD	0.	0.	0.
118	118	152	DEAD	0.	0.	0.
118	118	126	G1	0.	0.	0.
118	118	127	G1	0.	0.	0.
118	118	153	G1	0.	0.	0.
118	118	152	G1	0.	0.	0.

Table 27: Element Forces - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	F11	F22	F12
				KN/mm	KN/mm	KN/mm
118	118	126	G2	0.	0.	0.
118	118	127	G2	0.	0.	0.
118	118	153	G2	0.	0.	0.
118	118	152	G2	0.	0.	0.
118	118	126	Qm	0.	0.	0.
118	118	127	Qm	0.	0.	0.
118	118	153	Qm	0.	0.	0.
118	118	152	Qm	0.	0.	0.
118	118	126	Qs	0.	0.	0.
118	118	127	Qs	0.	0.	0.
118	118	153	Qs	0.	0.	0.
118	118	152	Qs	0.	0.	0.
118	118	126	T+	-0.88526	-0.88526	-2.960E-16
118	118	127	T+	-0.88526	-0.88526	-7.753E-16
118	118	153	T+	-0.88526	-0.88526	6.319E-17
118	118	152	T+	-0.88526	-0.88526	5.825E-16
118	118	126	T-	0.88526	0.88526	2.960E-16
118	118	127	T-	0.88526	0.88526	7.753E-16
118	118	153	T-	0.88526	0.88526	-6.319E-17
118	118	152	T-	0.88526	0.88526	-5.825E-16
118	118	126	W	0.	0.	0.
118	118	127	W	0.	0.	0.
118	118	153	W	0.	0.	0.
118	118	152	W	0.	0.	0.
118	118	126	Qm-1	0.	0.	0.
118	118	127	Qm-1	0.	0.	0.
118	118	153	Qm-1	0.	0.	0.
118	118	152	Qm-1	0.	0.	0.
118	118	126	Qm-2	0.	0.	0.
118	118	127	Qm-2	0.	0.	0.
118	118	153	Qm-2	0.	0.	0.
118	118	152	Qm-2	0.	0.	0.
119	119	127	DEAD	0.	0.	0.
119	119	128	DEAD	0.	0.	0.
119	119	154	DEAD	0.	0.	0.
119	119	153	DEAD	0.	0.	0.
119	119	127	G1	0.	0.	0.
119	119	128	G1	0.	0.	0.
119	119	154	G1	0.	0.	0.
119	119	153	G1	0.	0.	0.
119	119	127	G2	0.	0.	0.
119	119	128	G2	0.	0.	0.
119	119	154	G2	0.	0.	0.
119	119	153	G2	0.	0.	0.
119	119	127	Qm	0.	0.	0.
119	119	128	Qm	0.	0.	0.
119	119	154	Qm	0.	0.	0.
119	119	153	Qm	0.	0.	0.
119	119	127	Qs	0.	0.	0.
119	119	128	Qs	0.	0.	0.
119	119	154	Qs	0.	0.	0.
119	119	153	Qs	0.	0.	0.
119	119	127	T+	-0.88526	-0.88526	-7.089E-17
119	119	128	T+	-0.88526	-0.88526	4.971E-16

Table 27: Element Forces - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	F11	F22	F12
				KN/mm	KN/mm	KN/mm
119	119	154	T+	-0.88526	-0.88526	1.487E-17
119	119	153	T+	-0.88526	-0.88526	-5.532E-16
119	119	127	T-	0.88526	0.88526	7.089E-17
119	119	128	T-	0.88526	0.88526	-4.971E-16
119	119	154	T-	0.88526	0.88526	-1.487E-17
119	119	153	T-	0.88526	0.88526	5.532E-16
119	119	127	W	0.	0.	0.
119	119	128	W	0.	0.	0.
119	119	154	W	0.	0.	0.
119	119	153	W	0.	0.	0.
119	119	127	Qm-1	0.	0.	0.
119	119	128	Qm-1	0.	0.	0.
119	119	154	Qm-1	0.	0.	0.
119	119	153	Qm-1	0.	0.	0.
119	119	127	Qm-2	0.	0.	0.
119	119	128	Qm-2	0.	0.	0.
119	119	154	Qm-2	0.	0.	0.
119	119	153	Qm-2	0.	0.	0.
120	120	128	DEAD	0.	0.	0.
120	120	129	DEAD	0.	0.	0.
120	120	155	DEAD	0.	0.	0.
120	120	154	DEAD	0.	0.	0.
120	120	128	G1	0.	0.	0.
120	120	129	G1	0.	0.	0.
120	120	155	G1	0.	0.	0.
120	120	154	G1	0.	0.	0.
120	120	128	G2	0.	0.	0.
120	120	129	G2	0.	0.	0.
120	120	155	G2	0.	0.	0.
120	120	154	G2	0.	0.	0.
120	120	128	Qm	0.	0.	0.
120	120	129	Qm	0.	0.	0.
120	120	155	Qm	0.	0.	0.
120	120	154	Qm	0.	0.	0.
120	120	128	Qs	0.	0.	0.
120	120	129	Qs	0.	0.	0.
120	120	155	Qs	0.	0.	0.
120	120	154	Qs	0.	0.	0.
120	120	128	T+	-0.88526	-0.88526	2.005E-17
120	120	129	T+	-0.88526	-0.88526	4.609E-16
120	120	155	T+	-0.88526	-0.88526	1.385E-16
120	120	154	T+	-0.88526	-0.88526	-3.423E-16
120	120	128	T-	0.88526	0.88526	-2.005E-17
120	120	129	T-	0.88526	0.88526	-4.609E-16
120	120	155	T-	0.88526	0.88526	-1.385E-16
120	120	154	T-	0.88526	0.88526	3.423E-16
120	120	128	W	0.	0.	0.
120	120	129	W	0.	0.	0.
120	120	155	W	0.	0.	0.
120	120	154	W	0.	0.	0.
120	120	128	Qm-1	0.	0.	0.
120	120	129	Qm-1	0.	0.	0.
120	120	155	Qm-1	0.	0.	0.
120	120	154	Qm-1	0.	0.	0.

Table 27: Element Forces - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	F11	F22	F12
				KN/mm	KN/mm	KN/mm
120	120	128	Qm-2	0.	0.	0.
120	120	129	Qm-2	0.	0.	0.
120	120	155	Qm-2	0.	0.	0.
120	120	154	Qm-2	0.	0.	0.
121	121	129	DEAD	0.	0.	0.
121	121	130	DEAD	0.	0.	0.
121	121	156	DEAD	0.	0.	0.
121	121	155	DEAD	0.	0.	0.
121	121	129	G1	0.	0.	0.
121	121	130	G1	0.	0.	0.
121	121	156	G1	0.	0.	0.
121	121	155	G1	0.	0.	0.
121	121	129	G2	0.	0.	0.
121	121	130	G2	0.	0.	0.
121	121	156	G2	0.	0.	0.
121	121	155	G2	0.	0.	0.
121	121	129	Qm	0.	0.	0.
121	121	130	Qm	0.	0.	0.
121	121	156	Qm	0.	0.	0.
121	121	155	Qm	0.	0.	0.
121	121	129	Qs	0.	0.	0.
121	121	130	Qs	0.	0.	0.
121	121	156	Qs	0.	0.	0.
121	121	155	Qs	0.	0.	0.
121	121	129	T+	-0.88526	-0.88526	-1.385E-16
121	121	130	T+	-0.88526	-0.88526	2.771E-16
121	121	156	T+	-0.88526	-0.88526	-5.303E-17
121	121	155	T+	-0.88526	-0.88526	-5.886E-16
121	121	129	T-	0.88526	0.88526	1.385E-16
121	121	130	T-	0.88526	0.88526	-2.771E-16
121	121	156	T-	0.88526	0.88526	5.303E-17
121	121	155	T-	0.88526	0.88526	5.886E-16
121	121	129	W	0.	0.	0.
121	121	130	W	0.	0.	0.
121	121	156	W	0.	0.	0.
121	121	155	W	0.	0.	0.
121	121	129	Qm-1	0.	0.	0.
121	121	130	Qm-1	0.	0.	0.
121	121	156	Qm-1	0.	0.	0.
121	121	155	Qm-1	0.	0.	0.
121	121	129	Qm-2	0.	0.	0.
121	121	130	Qm-2	0.	0.	0.
121	121	156	Qm-2	0.	0.	0.
121	121	155	Qm-2	0.	0.	0.
122	122	130	DEAD	0.	0.	0.
122	122	131	DEAD	0.	0.	0.
122	122	157	DEAD	0.	0.	0.
122	122	156	DEAD	0.	0.	0.
122	122	130	G1	0.	0.	0.
122	122	131	G1	0.	0.	0.
122	122	157	G1	0.	0.	0.
122	122	156	G1	0.	0.	0.
122	122	130	G2	0.	0.	0.
122	122	131	G2	0.	0.	0.

Table 27: Element Forces - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	F11	F22	F12
				KN/mm	KN/mm	KN/mm
122	122	157	G2	0.	0.	0.
122	122	156	G2	0.	0.	0.
122	122	130	Qm	0.	0.	0.
122	122	131	Qm	0.	0.	0.
122	122	157	Qm	0.	0.	0.
122	122	156	Qm	0.	0.	0.
122	122	130	Qs	0.	0.	0.
122	122	131	Qs	0.	0.	0.
122	122	157	Qs	0.	0.	0.
122	122	156	Qs	0.	0.	0.
122	122	130	T+	-0.88526	-0.88526	-2.070E-16
122	122	131	T+	-0.88526	-0.88526	-1.614E-16
122	122	157	T+	-0.88526	-0.88526	9.984E-18
122	122	156	T+	-0.88526	-0.88526	4.438E-17
122	122	130	T-	0.88526	0.88526	2.070E-16
122	122	131	T-	0.88526	0.88526	1.614E-16
122	122	157	T-	0.88526	0.88526	-9.984E-18
122	122	156	T-	0.88526	0.88526	-4.438E-17
122	122	130	W	0.	0.	0.
122	122	131	W	0.	0.	0.
122	122	157	W	0.	0.	0.
122	122	156	W	0.	0.	0.
122	122	130	Qm-1	0.	0.	0.
122	122	131	Qm-1	0.	0.	0.
122	122	157	Qm-1	0.	0.	0.
122	122	156	Qm-1	0.	0.	0.
122	122	130	Qm-2	0.	0.	0.
122	122	131	Qm-2	0.	0.	0.
122	122	157	Qm-2	0.	0.	0.
122	122	156	Qm-2	0.	0.	0.
123	123	131	DEAD	0.	0.	0.
123	123	132	DEAD	0.	0.	0.
123	123	158	DEAD	0.	0.	0.
123	123	157	DEAD	0.	0.	0.
123	123	131	G1	0.	0.	0.
123	123	132	G1	0.	0.	0.
123	123	158	G1	0.	0.	0.
123	123	157	G1	0.	0.	0.
123	123	131	G2	0.	0.	0.
123	123	132	G2	0.	0.	0.
123	123	158	G2	0.	0.	0.
123	123	157	G2	0.	0.	0.
123	123	131	Qm	0.	0.	0.
123	123	132	Qm	0.	0.	0.
123	123	158	Qm	0.	0.	0.
123	123	157	Qm	0.	0.	0.
123	123	131	Qs	0.	0.	0.
123	123	132	Qs	0.	0.	0.
123	123	158	Qs	0.	0.	0.
123	123	157	Qs	0.	0.	0.
123	123	131	T+	-0.88526	-0.88526	-5.862E-17
123	123	132	T+	-0.88526	-0.88526	3.436E-17
123	123	158	T+	-0.88526	-0.88526	6.419E-17
123	123	157	T+	-0.88526	-0.88526	-1.888E-16

Table 27: Element Forces - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	F11	F22	F12
				KN/mm	KN/mm	KN/mm
123	123	131	T-	0.88526	0.88526	5.862E-17
123	123	132	T-	0.88526	0.88526	-3.436E-17
123	123	158	T-	0.88526	0.88526	-6.419E-17
123	123	157	T-	0.88526	0.88526	1.888E-16
123	123	131	W	0.	0.	0.
123	123	132	W	0.	0.	0.
123	123	158	W	0.	0.	0.
123	123	157	W	0.	0.	0.
123	123	131	Qm-1	0.	0.	0.
123	123	132	Qm-1	0.	0.	0.
123	123	158	Qm-1	0.	0.	0.
123	123	157	Qm-1	0.	0.	0.
123	123	131	Qm-2	0.	0.	0.
123	123	132	Qm-2	0.	0.	0.
123	123	158	Qm-2	0.	0.	0.
123	123	157	Qm-2	0.	0.	0.
124	124	132	DEAD	0.	0.	0.
124	124	133	DEAD	0.	0.	0.
124	124	159	DEAD	0.	0.	0.
124	124	158	DEAD	0.	0.	0.
124	124	132	G1	0.	0.	0.
124	124	133	G1	0.	0.	0.
124	124	159	G1	0.	0.	0.
124	124	158	G1	0.	0.	0.
124	124	132	G2	0.	0.	0.
124	124	133	G2	0.	0.	0.
124	124	159	G2	0.	0.	0.
124	124	158	G2	0.	0.	0.
124	124	132	Qm	0.	0.	0.
124	124	133	Qm	0.	0.	0.
124	124	159	Qm	0.	0.	0.
124	124	158	Qm	0.	0.	0.
124	124	132	Qs	0.	0.	0.
124	124	133	Qs	0.	0.	0.
124	124	159	Qs	0.	0.	0.
124	124	158	Qs	0.	0.	0.
124	124	132	T+	-0.88526	-0.88526	1.007E-16
124	124	133	T+	-0.88526	-0.88526	8.374E-16
124	124	159	T+	-0.88526	-0.88526	-1.021E-16
124	124	158	T+	-0.88526	-0.88526	-8.388E-16
124	124	132	T-	0.88526	0.88526	-1.007E-16
124	124	133	T-	0.88526	0.88526	-8.374E-16
124	124	159	T-	0.88526	0.88526	1.021E-16
124	124	158	T-	0.88526	0.88526	8.388E-16
124	124	132	W	0.	0.	0.
124	124	133	W	0.	0.	0.
124	124	159	W	0.	0.	0.
124	124	158	W	0.	0.	0.
124	124	132	Qm-1	0.	0.	0.
124	124	133	Qm-1	0.	0.	0.
124	124	159	Qm-1	0.	0.	0.
124	124	158	Qm-1	0.	0.	0.
124	124	132	Qm-2	0.	0.	0.
124	124	133	Qm-2	0.	0.	0.

Table 27: Element Forces - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	F11	F22	F12
				KN/mm	KN/mm	KN/mm
124	124	159	Qm-2	0.	0.	0.
124	124	158	Qm-2	0.	0.	0.
125	125	133	DEAD	0.	0.	0.
125	125	134	DEAD	0.	0.	0.
125	125	160	DEAD	0.	0.	0.
125	125	159	DEAD	0.	0.	0.
125	125	133	G1	0.	0.	0.
125	125	134	G1	0.	0.	0.
125	125	160	G1	0.	0.	0.
125	125	159	G1	0.	0.	0.
125	125	133	G2	0.	0.	0.
125	125	134	G2	0.	0.	0.
125	125	160	G2	0.	0.	0.
125	125	159	G2	0.	0.	0.
125	125	133	Qm	0.	0.	0.
125	125	134	Qm	0.	0.	0.
125	125	160	Qm	0.	0.	0.
125	125	159	Qm	0.	0.	0.
125	125	133	Qs	0.	0.	0.
125	125	134	Qs	0.	0.	0.
125	125	160	Qs	0.	0.	0.
125	125	159	Qs	0.	0.	0.
125	125	133	T+	-0.88526	-0.88526	-1.020E-16
125	125	134	T+	-0.88526	-0.88526	7.474E-16
125	125	160	T+	-0.88526	-0.88526	-9.267E-18
125	125	159	T+	-0.88526	-0.88526	-7.386E-16
125	125	133	T-	0.88526	0.88526	1.020E-16
125	125	134	T-	0.88526	0.88526	-7.474E-16
125	125	160	T-	0.88526	0.88526	9.267E-18
125	125	159	T-	0.88526	0.88526	7.386E-16
125	125	133	W	0.	0.	0.
125	125	134	W	0.	0.	0.
125	125	160	W	0.	0.	0.
125	125	159	W	0.	0.	0.
125	125	133	Qm-1	0.	0.	0.
125	125	134	Qm-1	0.	0.	0.
125	125	160	Qm-1	0.	0.	0.
125	125	159	Qm-1	0.	0.	0.
125	125	133	Qm-2	0.	0.	0.
125	125	134	Qm-2	0.	0.	0.
125	125	160	Qm-2	0.	0.	0.
125	125	159	Qm-2	0.	0.	0.
126	126	134	DEAD	0.	0.	0.
126	126	135	DEAD	0.	0.	0.
126	126	161	DEAD	0.	0.	0.
126	126	160	DEAD	0.	0.	0.
126	126	134	G1	0.	0.	0.
126	126	135	G1	0.	0.	0.
126	126	161	G1	0.	0.	0.
126	126	160	G1	0.	0.	0.
126	126	134	G2	0.	0.	0.
126	126	135	G2	0.	0.	0.
126	126	161	G2	0.	0.	0.
126	126	160	G2	0.	0.	0.

Table 27: Element Forces - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	F11	F22	F12
				KN/mm	KN/mm	KN/mm
126	126	134	Qm	0.	0.	0.
126	126	135	Qm	0.	0.	0.
126	126	161	Qm	0.	0.	0.
126	126	160	Qm	0.	0.	0.
126	126	134	Qs	0.	0.	0.
126	126	135	Qs	0.	0.	0.
126	126	161	Qs	0.	0.	0.
126	126	160	Qs	0.	0.	0.
126	126	134	T+	-0.88526	-0.88526	-9.291E-17
126	126	135	T+	-0.88526	-0.88526	-5.287E-16
126	126	161	T+	-0.88526	-0.88526	5.271E-17
126	126	160	T+	-0.88526	-0.88526	4.485E-16
126	126	134	T-	0.88526	0.88526	9.291E-17
126	126	135	T-	0.88526	0.88526	5.287E-16
126	126	161	T-	0.88526	0.88526	-5.271E-17
126	126	160	T-	0.88526	0.88526	-4.485E-16
126	126	134	W	0.	0.	0.
126	126	135	W	0.	0.	0.
126	126	161	W	0.	0.	0.
126	126	160	W	0.	0.	0.
126	126	134	Qm-1	0.	0.	0.
126	126	135	Qm-1	0.	0.	0.
126	126	161	Qm-1	0.	0.	0.
126	126	160	Qm-1	0.	0.	0.
126	126	134	Qm-2	0.	0.	0.
126	126	135	Qm-2	0.	0.	0.
126	126	161	Qm-2	0.	0.	0.
126	126	160	Qm-2	0.	0.	0.
127	127	135	DEAD	0.	0.	0.
127	127	136	DEAD	0.	0.	0.
127	127	162	DEAD	0.	0.	0.
127	127	161	DEAD	0.	0.	0.
127	127	135	G1	0.	0.	0.
127	127	136	G1	0.	0.	0.
127	127	162	G1	0.	0.	0.
127	127	161	G1	0.	0.	0.
127	127	135	G2	0.	0.	0.
127	127	136	G2	0.	0.	0.
127	127	162	G2	0.	0.	0.
127	127	161	G2	0.	0.	0.
127	127	135	Qm	0.	0.	0.
127	127	136	Qm	0.	0.	0.
127	127	162	Qm	0.	0.	0.
127	127	161	Qm	0.	0.	0.
127	127	135	Qs	0.	0.	0.
127	127	136	Qs	0.	0.	0.
127	127	162	Qs	0.	0.	0.
127	127	161	Qs	0.	0.	0.
127	127	135	T+	-0.88526	-0.88526	4.765E-17
127	127	136	T+	-0.88526	-0.88526	-1.318E-15
127	127	162	T+	-0.88526	-0.88526	1.865E-16
127	127	161	T+	-0.88526	-0.88526	1.632E-15
127	127	135	T-	0.88526	0.88526	-4.765E-17
127	127	136	T-	0.88526	0.88526	1.318E-15

Table 27: Element Forces - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	F11	F22	F12
				KN/mm	KN/mm	KN/mm
127	127	162	T-	0.88526	0.88526	-1.865E-16
127	127	161	T-	0.88526	0.88526	-1.632E-15
127	127	135	W	0.	0.	0.
127	127	136	W	0.	0.	0.
127	127	162	W	0.	0.	0.
127	127	161	W	0.	0.	0.
127	127	135	Qm-1	0.	0.	0.
127	127	136	Qm-1	0.	0.	0.
127	127	162	Qm-1	0.	0.	0.
127	127	161	Qm-1	0.	0.	0.
127	127	135	Qm-2	0.	0.	0.
127	127	136	Qm-2	0.	0.	0.
127	127	162	Qm-2	0.	0.	0.
127	127	161	Qm-2	0.	0.	0.
128	128	137	DEAD	0.	0.	0.
128	128	138	DEAD	0.	0.	0.
128	128	164	DEAD	0.	0.	0.
128	128	163	DEAD	0.	0.	0.
128	128	137	G1	0.	0.	0.
128	128	138	G1	0.	0.	0.
128	128	164	G1	0.	0.	0.
128	128	163	G1	0.	0.	0.
128	128	137	G2	0.	0.	0.
128	128	138	G2	0.	0.	0.
128	128	164	G2	0.	0.	0.
128	128	163	G2	0.	0.	0.
128	128	137	Qm	0.	0.	0.
128	128	138	Qm	0.	0.	0.
128	128	164	Qm	0.	0.	0.
128	128	163	Qm	0.	0.	0.
128	128	137	Qs	0.	0.	0.
128	128	138	Qs	0.	0.	0.
128	128	164	Qs	0.	0.	0.
128	128	163	Qs	0.	0.	0.
128	128	137	T+	-0.88526	-0.88526	-8.224E-17
128	128	138	T+	-0.88526	-0.88526	4.618E-17
128	128	164	T+	-0.88526	-0.88526	1.454E-16
128	128	163	T+	-0.88526	-0.88526	1.369E-16
128	128	137	T-	0.88526	0.88526	8.224E-17
128	128	138	T-	0.88526	0.88526	-4.618E-17
128	128	164	T-	0.88526	0.88526	-1.454E-16
128	128	163	T-	0.88526	0.88526	-1.369E-16
128	128	137	W	0.	0.	0.
128	128	138	W	0.	0.	0.
128	128	164	W	0.	0.	0.
128	128	163	W	0.	0.	0.
128	128	137	Qm-1	0.	0.	0.
128	128	138	Qm-1	0.	0.	0.
128	128	164	Qm-1	0.	0.	0.
128	128	163	Qm-1	0.	0.	0.
128	128	137	Qm-2	0.	0.	0.
128	128	138	Qm-2	0.	0.	0.
128	128	164	Qm-2	0.	0.	0.
128	128	163	Qm-2	0.	0.	0.

Table 27: Element Forces - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	F11	F22	F12
				KN/mm	KN/mm	KN/mm
129	129	138	DEAD	0.	0.	0.
129	129	139	DEAD	0.	0.	0.
129	129	165	DEAD	0.	0.	0.
129	129	164	DEAD	0.	0.	0.
129	129	138	G1	0.	0.	0.
129	129	139	G1	0.	0.	0.
129	129	165	G1	0.	0.	0.
129	129	164	G1	0.	0.	0.
129	129	138	G2	0.	0.	0.
129	129	139	G2	0.	0.	0.
129	129	165	G2	0.	0.	0.
129	129	164	G2	0.	0.	0.
129	129	138	Qm	0.	0.	0.
129	129	139	Qm	0.	0.	0.
129	129	165	Qm	0.	0.	0.
129	129	164	Qm	0.	0.	0.
129	129	138	Qs	0.	0.	0.
129	129	139	Qs	0.	0.	0.
129	129	165	Qs	0.	0.	0.
129	129	164	Qs	0.	0.	0.
129	129	138	T+	-0.88526	-0.88526	-3.289E-18
129	129	139	T+	-0.88526	-0.88526	1.790E-15
129	129	165	T+	-0.88526	-0.88526	-1.143E-16
129	129	164	T+	-0.88526	-0.88526	-1.867E-15
129	129	138	T-	0.88526	0.88526	3.289E-18
129	129	139	T-	0.88526	0.88526	-1.790E-15
129	129	165	T-	0.88526	0.88526	1.143E-16
129	129	164	T-	0.88526	0.88526	1.867E-15
129	129	138	W	0.	0.	0.
129	129	139	W	0.	0.	0.
129	129	165	W	0.	0.	0.
129	129	164	W	0.	0.	0.
129	129	138	Qm-1	0.	0.	0.
129	129	139	Qm-1	0.	0.	0.
129	129	165	Qm-1	0.	0.	0.
129	129	164	Qm-1	0.	0.	0.
129	129	138	Qm-2	0.	0.	0.
129	129	139	Qm-2	0.	0.	0.
129	129	165	Qm-2	0.	0.	0.
129	129	164	Qm-2	0.	0.	0.
130	130	139	DEAD	0.	0.	0.
130	130	140	DEAD	0.	0.	0.
130	130	166	DEAD	0.	0.	0.
130	130	165	DEAD	0.	0.	0.
130	130	139	G1	0.	0.	0.
130	130	140	G1	0.	0.	0.
130	130	166	G1	0.	0.	0.
130	130	165	G1	0.	0.	0.
130	130	139	G2	0.	0.	0.
130	130	140	G2	0.	0.	0.
130	130	166	G2	0.	0.	0.
130	130	165	G2	0.	0.	0.
130	130	139	Qm	0.	0.	0.
130	130	140	Qm	0.	0.	0.

Table 27: Element Forces - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	F11	F22	F12
				KN/mm	KN/mm	KN/mm
130	130	166	Qm	0.	0.	0.
130	130	165	Qm	0.	0.	0.
130	130	139	Qs	0.	0.	0.
130	130	140	Qs	0.	0.	0.
130	130	166	Qs	0.	0.	0.
130	130	165	Qs	0.	0.	0.
130	130	139	T+	-0.88526	-0.88526	-2.122E-16
130	130	140	T+	-0.88526	-0.88526	6.530E-16
130	130	166	T+	-0.88526	-0.88526	1.664E-16
130	130	165	T+	-0.88526	-0.88526	-6.989E-16
130	130	139	T-	0.88526	0.88526	2.122E-16
130	130	140	T-	0.88526	0.88526	-6.530E-16
130	130	166	T-	0.88526	0.88526	-1.664E-16
130	130	165	T-	0.88526	0.88526	6.989E-16
130	130	139	W	0.	0.	0.
130	130	140	W	0.	0.	0.
130	130	166	W	0.	0.	0.
130	130	165	W	0.	0.	0.
130	130	139	Qm-1	0.	0.	0.
130	130	140	Qm-1	0.	0.	0.
130	130	166	Qm-1	0.	0.	0.
130	130	165	Qm-1	0.	0.	0.
130	130	139	Qm-2	0.	0.	0.
130	130	140	Qm-2	0.	0.	0.
130	130	166	Qm-2	0.	0.	0.
130	130	165	Qm-2	0.	0.	0.
131	131	140	DEAD	0.	0.	0.
131	131	141	DEAD	0.	0.	0.
131	131	167	DEAD	0.	0.	0.
131	131	166	DEAD	0.	0.	0.
131	131	140	G1	0.	0.	0.
131	131	141	G1	0.	0.	0.
131	131	167	G1	0.	0.	0.
131	131	166	G1	0.	0.	0.
131	131	140	G2	0.	0.	0.
131	131	141	G2	0.	0.	0.
131	131	167	G2	0.	0.	0.
131	131	166	G2	0.	0.	0.
131	131	140	Qm	0.	0.	0.
131	131	141	Qm	0.	0.	0.
131	131	167	Qm	0.	0.	0.
131	131	166	Qm	0.	0.	0.
131	131	140	Qs	0.	0.	0.
131	131	141	Qs	0.	0.	0.
131	131	167	Qs	0.	0.	0.
131	131	166	Qs	0.	0.	0.
131	131	140	T+	-0.88526	-0.88526	-2.860E-17
131	131	141	T+	-0.88526	-0.88526	-3.285E-16
131	131	167	T+	-0.88526	-0.88526	1.121E-16
131	131	166	T+	-0.88526	-0.88526	3.721E-16
131	131	140	T-	0.88526	0.88526	2.860E-17
131	131	141	T-	0.88526	0.88526	3.285E-16
131	131	167	T-	0.88526	0.88526	-1.121E-16
131	131	166	T-	0.88526	0.88526	-3.721E-16

Table 27: Element Forces - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	F11	F22	F12
				KN/mm	KN/mm	KN/mm
131	131	140	W	0.	0.	0.
131	131	141	W	0.	0.	0.
131	131	167	W	0.	0.	0.
131	131	166	W	0.	0.	0.
131	131	140	Qm-1	0.	0.	0.
131	131	141	Qm-1	0.	0.	0.
131	131	167	Qm-1	0.	0.	0.
131	131	166	Qm-1	0.	0.	0.
131	131	140	Qm-2	0.	0.	0.
131	131	141	Qm-2	0.	0.	0.
131	131	167	Qm-2	0.	0.	0.
131	131	166	Qm-2	0.	0.	0.
132	132	141	DEAD	0.	0.	0.
132	132	142	DEAD	0.	0.	0.
132	132	168	DEAD	0.	0.	0.
132	132	167	DEAD	0.	0.	0.
132	132	141	G1	0.	0.	0.
132	132	142	G1	0.	0.	0.
132	132	168	G1	0.	0.	0.
132	132	167	G1	0.	0.	0.
132	132	141	G2	0.	0.	0.
132	132	142	G2	0.	0.	0.
132	132	168	G2	0.	0.	0.
132	132	167	G2	0.	0.	0.
132	132	141	Qm	0.	0.	0.
132	132	142	Qm	0.	0.	0.
132	132	168	Qm	0.	0.	0.
132	132	167	Qm	0.	0.	0.
132	132	141	Qs	0.	0.	0.
132	132	142	Qs	0.	0.	0.
132	132	168	Qs	0.	0.	0.
132	132	167	Qs	0.	0.	0.
132	132	141	T+	-0.88526	-0.88526	-1.645E-17
132	132	142	T+	-0.88526	-0.88526	-3.276E-16
132	132	168	T+	-0.88526	-0.88526	9.714E-17
132	132	167	T+	-0.88526	-0.88526	3.283E-16
132	132	141	T-	0.88526	0.88526	1.645E-17
132	132	142	T-	0.88526	0.88526	3.276E-16
132	132	168	T-	0.88526	0.88526	-9.714E-17
132	132	167	T-	0.88526	0.88526	-3.283E-16
132	132	141	W	0.	0.	0.
132	132	142	W	0.	0.	0.
132	132	168	W	0.	0.	0.
132	132	167	W	0.	0.	0.
132	132	141	Qm-1	0.	0.	0.
132	132	142	Qm-1	0.	0.	0.
132	132	168	Qm-1	0.	0.	0.
132	132	167	Qm-1	0.	0.	0.
132	132	141	Qm-2	0.	0.	0.
132	132	142	Qm-2	0.	0.	0.
132	132	168	Qm-2	0.	0.	0.
132	132	167	Qm-2	0.	0.	0.
133	133	142	DEAD	0.	0.	0.
133	133	143	DEAD	0.	0.	0.

Table 27: Element Forces - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	F11	F22	F12
				KN/mm	KN/mm	KN/mm
133	133	169	DEAD	0.	0.	0.
133	133	168	DEAD	0.	0.	0.
133	133	142	G1	0.	0.	0.
133	133	143	G1	0.	0.	0.
133	133	169	G1	0.	0.	0.
133	133	168	G1	0.	0.	0.
133	133	142	G2	0.	0.	0.
133	133	143	G2	0.	0.	0.
133	133	169	G2	0.	0.	0.
133	133	168	G2	0.	0.	0.
133	133	142	Qm	0.	0.	0.
133	133	143	Qm	0.	0.	0.
133	133	169	Qm	0.	0.	0.
133	133	168	Qm	0.	0.	0.
133	133	142	Qs	0.	0.	0.
133	133	143	Qs	0.	0.	0.
133	133	169	Qs	0.	0.	0.
133	133	168	Qs	0.	0.	0.
133	133	142	T+	-0.88526	-0.88526	-7.039E-17
133	133	143	T+	-0.88526	-0.88526	-6.319E-16
133	133	169	T+	-0.88526	-0.88526	-1.960E-16
133	133	168	T+	-0.88526	-0.88526	4.455E-16
133	133	142	T-	0.88526	0.88526	7.039E-17
133	133	143	T-	0.88526	0.88526	6.319E-16
133	133	169	T-	0.88526	0.88526	1.960E-16
133	133	168	T-	0.88526	0.88526	-4.455E-16
133	133	142	W	0.	0.	0.
133	133	143	W	0.	0.	0.
133	133	169	W	0.	0.	0.
133	133	168	W	0.	0.	0.
133	133	142	Qm-1	0.	0.	0.
133	133	143	Qm-1	0.	0.	0.
133	133	169	Qm-1	0.	0.	0.
133	133	168	Qm-1	0.	0.	0.
133	133	142	Qm-2	0.	0.	0.
133	133	143	Qm-2	0.	0.	0.
133	133	169	Qm-2	0.	0.	0.
133	133	168	Qm-2	0.	0.	0.
134	134	143	DEAD	0.	0.	0.
134	134	144	DEAD	0.	0.	0.
134	134	170	DEAD	0.	0.	0.
134	134	169	DEAD	0.	0.	0.
134	134	143	G1	0.	0.	0.
134	134	144	G1	0.	0.	0.
134	134	170	G1	0.	0.	0.
134	134	169	G1	0.	0.	0.
134	134	143	G2	0.	0.	0.
134	134	144	G2	0.	0.	0.
134	134	170	G2	0.	0.	0.
134	134	169	G2	0.	0.	0.
134	134	143	Qm	0.	0.	0.
134	134	144	Qm	0.	0.	0.
134	134	170	Qm	0.	0.	0.
134	134	169	Qm	0.	0.	0.

Table 27: Element Forces - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	F11	F22	F12
				KN/mm	KN/mm	KN/mm
134	134	143	Qs	0.	0.	0.
134	134	144	Qs	0.	0.	0.
134	134	170	Qs	0.	0.	0.
134	134	169	Qs	0.	0.	0.
134	134	143	T+	-0.88526	-0.88526	-2.652E-16
134	134	144	T+	-0.88526	-0.88526	5.513E-16
134	134	170	T+	-0.88526	-0.88526	2.505E-16
134	134	169	T+	-0.88526	-0.88526	-5.660E-16
134	134	143	T-	0.88526	0.88526	2.652E-16
134	134	144	T-	0.88526	0.88526	-5.513E-16
134	134	170	T-	0.88526	0.88526	-2.505E-16
134	134	169	T-	0.88526	0.88526	5.660E-16
134	134	143	W	0.	0.	0.
134	134	144	W	0.	0.	0.
134	134	170	W	0.	0.	0.
134	134	169	W	0.	0.	0.
134	134	143	Qm-1	0.	0.	0.
134	134	144	Qm-1	0.	0.	0.
134	134	170	Qm-1	0.	0.	0.
134	134	169	Qm-1	0.	0.	0.
134	134	143	Qm-2	0.	0.	0.
134	134	144	Qm-2	0.	0.	0.
134	134	170	Qm-2	0.	0.	0.
134	134	169	Qm-2	0.	0.	0.
135	135	144	DEAD	0.	0.	0.
135	135	145	DEAD	0.	0.	0.
135	135	171	DEAD	0.	0.	0.
135	135	170	DEAD	0.	0.	0.
135	135	144	G1	0.	0.	0.
135	135	145	G1	0.	0.	0.
135	135	171	G1	0.	0.	0.
135	135	170	G1	0.	0.	0.
135	135	144	G2	0.	0.	0.
135	135	145	G2	0.	0.	0.
135	135	171	G2	0.	0.	0.
135	135	170	G2	0.	0.	0.
135	135	144	Qm	0.	0.	0.
135	135	145	Qm	0.	0.	0.
135	135	171	Qm	0.	0.	0.
135	135	170	Qm	0.	0.	0.
135	135	144	Qs	0.	0.	0.
135	135	145	Qs	0.	0.	0.
135	135	171	Qs	0.	0.	0.
135	135	170	Qs	0.	0.	0.
135	135	144	T+	-0.88526	-0.88526	1.599E-16
135	135	145	T+	-0.88526	-0.88526	1.632E-16
135	135	171	T+	-0.88526	-0.88526	2.672E-17
135	135	170	T+	-0.88526	-0.88526	-5.650E-17
135	135	144	T-	0.88526	0.88526	-1.599E-16
135	135	145	T-	0.88526	0.88526	-1.632E-16
135	135	171	T-	0.88526	0.88526	-2.672E-17
135	135	170	T-	0.88526	0.88526	5.650E-17
135	135	144	W	0.	0.	0.
135	135	145	W	0.	0.	0.

Table 27: Element Forces - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	F11	F22	F12
				KN/mm	KN/mm	KN/mm
135	135	171	W	0.	0.	0.
135	135	170	W	0.	0.	0.
135	135	144	Qm-1	0.	0.	0.
135	135	145	Qm-1	0.	0.	0.
135	135	171	Qm-1	0.	0.	0.
135	135	170	Qm-1	0.	0.	0.
135	135	144	Qm-2	0.	0.	0.
135	135	145	Qm-2	0.	0.	0.
135	135	171	Qm-2	0.	0.	0.
135	135	170	Qm-2	0.	0.	0.
136	136	145	DEAD	0.	0.	0.
136	136	146	DEAD	0.	0.	0.
136	136	172	DEAD	0.	0.	0.
136	136	171	DEAD	0.	0.	0.
136	136	145	G1	0.	0.	0.
136	136	146	G1	0.	0.	0.
136	136	172	G1	0.	0.	0.
136	136	171	G1	0.	0.	0.
136	136	145	G2	0.	0.	0.
136	136	146	G2	0.	0.	0.
136	136	172	G2	0.	0.	0.
136	136	171	G2	0.	0.	0.
136	136	145	Qm	0.	0.	0.
136	136	146	Qm	0.	0.	0.
136	136	172	Qm	0.	0.	0.
136	136	171	Qm	0.	0.	0.
136	136	145	Qs	0.	0.	0.
136	136	146	Qs	0.	0.	0.
136	136	172	Qs	0.	0.	0.
136	136	171	Qs	0.	0.	0.
136	136	145	T+	-0.88526	-0.88526	1.130E-17
136	136	146	T+	-0.88526	-0.88526	-1.279E-15
136	136	172	T+	-0.88526	-0.88526	1.146E-16
136	136	171	T+	-0.88526	-0.88526	1.405E-15
136	136	145	T-	0.88526	0.88526	-1.130E-17
136	136	146	T-	0.88526	0.88526	1.279E-15
136	136	172	T-	0.88526	0.88526	-1.146E-16
136	136	171	T-	0.88526	0.88526	-1.405E-15
136	136	145	W	0.	0.	0.
136	136	146	W	0.	0.	0.
136	136	172	W	0.	0.	0.
136	136	171	W	0.	0.	0.
136	136	145	Qm-1	0.	0.	0.
136	136	146	Qm-1	0.	0.	0.
136	136	172	Qm-1	0.	0.	0.
136	136	171	Qm-1	0.	0.	0.
136	136	145	Qm-2	0.	0.	0.
136	136	146	Qm-2	0.	0.	0.
136	136	172	Qm-2	0.	0.	0.
136	136	171	Qm-2	0.	0.	0.
137	137	146	DEAD	0.	0.	0.
137	137	147	DEAD	0.	0.	0.
137	137	173	DEAD	0.	0.	0.
137	137	172	DEAD	0.	0.	0.

Table 27: Element Forces - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	F11	F22	F12
				KN/mm	KN/mm	KN/mm
137	137	146	G1	0.	0.	0.
137	137	147	G1	0.	0.	0.
137	137	173	G1	0.	0.	0.
137	137	172	G1	0.	0.	0.
137	137	146	G2	0.	0.	0.
137	137	147	G2	0.	0.	0.
137	137	173	G2	0.	0.	0.
137	137	172	G2	0.	0.	0.
137	137	146	Qm	0.	0.	0.
137	137	147	Qm	0.	0.	0.
137	137	173	Qm	0.	0.	0.
137	137	172	Qm	0.	0.	0.
137	137	146	Qs	0.	0.	0.
137	137	147	Qs	0.	0.	0.
137	137	173	Qs	0.	0.	0.
137	137	172	Qs	0.	0.	0.
137	137	146	T+	-0.88526	-0.88526	-7.697E-17
137	137	147	T+	-0.88526	-0.88526	-1.806E-15
137	137	173	T+	-0.88526	-0.88526	-5.642E-17
137	137	172	T+	-0.88526	-0.88526	1.793E-15
137	137	146	T-	0.88526	0.88526	7.697E-17
137	137	147	T-	0.88526	0.88526	1.806E-15
137	137	173	T-	0.88526	0.88526	5.642E-17
137	137	172	T-	0.88526	0.88526	-1.793E-15
137	137	146	W	0.	0.	0.
137	137	147	W	0.	0.	0.
137	137	173	W	0.	0.	0.
137	137	172	W	0.	0.	0.
137	137	146	Qm-1	0.	0.	0.
137	137	147	Qm-1	0.	0.	0.
137	137	173	Qm-1	0.	0.	0.
137	137	172	Qm-1	0.	0.	0.
137	137	146	Qm-2	0.	0.	0.
137	137	147	Qm-2	0.	0.	0.
137	137	173	Qm-2	0.	0.	0.
137	137	172	Qm-2	0.	0.	0.
138	138	147	DEAD	0.	0.	0.
138	138	148	DEAD	0.	0.	0.
138	138	174	DEAD	0.	0.	0.
138	138	173	DEAD	0.	0.	0.
138	138	147	G1	0.	0.	0.
138	138	148	G1	0.	0.	0.
138	138	174	G1	0.	0.	0.
138	138	173	G1	0.	0.	0.
138	138	147	G2	0.	0.	0.
138	138	148	G2	0.	0.	0.
138	138	174	G2	0.	0.	0.
138	138	173	G2	0.	0.	0.
138	138	147	Qm	0.	0.	0.
138	138	148	Qm	0.	0.	0.
138	138	174	Qm	0.	0.	0.
138	138	173	Qm	0.	0.	0.
138	138	147	Qs	0.	0.	0.
138	138	148	Qs	0.	0.	0.

Table 27: Element Forces - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	F11	F22	F12
				KN/mm	KN/mm	KN/mm
138	138	174	Qs	0.	0.	0.
138	138	173	Qs	0.	0.	0.
138	138	147	T+	-0.88526	-0.88526	1.036E-16
138	138	148	T+	-0.88526	-0.88526	-1.556E-15
138	138	174	T+	-0.88526	-0.88526	-2.205E-16
138	138	173	T+	-0.88526	-0.88526	1.479E-15
138	138	147	T-	0.88526	0.88526	-1.036E-16
138	138	148	T-	0.88526	0.88526	1.556E-15
138	138	174	T-	0.88526	0.88526	2.205E-16
138	138	173	T-	0.88526	0.88526	-1.479E-15
138	138	147	W	0.	0.	0.
138	138	148	W	0.	0.	0.
138	138	174	W	0.	0.	0.
138	138	173	W	0.	0.	0.
138	138	147	Qm-1	0.	0.	0.
138	138	148	Qm-1	0.	0.	0.
138	138	174	Qm-1	0.	0.	0.
138	138	173	Qm-1	0.	0.	0.
138	138	147	Qm-2	0.	0.	0.
138	138	148	Qm-2	0.	0.	0.
138	138	174	Qm-2	0.	0.	0.
138	138	173	Qm-2	0.	0.	0.
139	139	148	DEAD	0.	0.	0.
139	139	149	DEAD	0.	0.	0.
139	139	175	DEAD	0.	0.	0.
139	139	174	DEAD	0.	0.	0.
139	139	148	G1	0.	0.	0.
139	139	149	G1	0.	0.	0.
139	139	175	G1	0.	0.	0.
139	139	174	G1	0.	0.	0.
139	139	148	G2	0.	0.	0.
139	139	149	G2	0.	0.	0.
139	139	175	G2	0.	0.	0.
139	139	174	G2	0.	0.	0.
139	139	148	Qm	0.	0.	0.
139	139	149	Qm	0.	0.	0.
139	139	175	Qm	0.	0.	0.
139	139	174	Qm	0.	0.	0.
139	139	148	Qs	0.	0.	0.
139	139	149	Qs	0.	0.	0.
139	139	175	Qs	0.	0.	0.
139	139	174	Qs	0.	0.	0.
139	139	148	T+	-0.88526	-0.88526	-4.148E-16
139	139	149	T+	-0.88526	-0.88526	1.092E-15
139	139	175	T+	-0.88526	-0.88526	2.412E-16
139	139	174	T+	-0.88526	-0.88526	-1.185E-15
139	139	148	T-	0.88526	0.88526	4.148E-16
139	139	149	T-	0.88526	0.88526	-1.092E-15
139	139	175	T-	0.88526	0.88526	-2.412E-16
139	139	174	T-	0.88526	0.88526	1.185E-15
139	139	148	W	0.	0.	0.
139	139	149	W	0.	0.	0.
139	139	175	W	0.	0.	0.
139	139	174	W	0.	0.	0.

Table 27: Element Forces - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	F11	F22	F12
				KN/mm	KN/mm	KN/mm
139	139	148	Qm-1	0.	0.	0.
139	139	149	Qm-1	0.	0.	0.
139	139	175	Qm-1	0.	0.	0.
139	139	174	Qm-1	0.	0.	0.
139	139	148	Qm-2	0.	0.	0.
139	139	149	Qm-2	0.	0.	0.
139	139	175	Qm-2	0.	0.	0.
139	139	174	Qm-2	0.	0.	0.
140	140	149	DEAD	0.	0.	0.
140	140	150	DEAD	0.	0.	0.
140	140	176	DEAD	0.	0.	0.
140	140	175	DEAD	0.	0.	0.
140	140	149	G1	0.	0.	0.
140	140	150	G1	0.	0.	0.
140	140	176	G1	0.	0.	0.
140	140	175	G1	0.	0.	0.
140	140	149	G2	0.	0.	0.
140	140	150	G2	0.	0.	0.
140	140	176	G2	0.	0.	0.
140	140	175	G2	0.	0.	0.
140	140	149	Qm	0.	0.	0.
140	140	150	Qm	0.	0.	0.
140	140	176	Qm	0.	0.	0.
140	140	175	Qm	0.	0.	0.
140	140	149	Qs	0.	0.	0.
140	140	150	Qs	0.	0.	0.
140	140	176	Qs	0.	0.	0.
140	140	175	Qs	0.	0.	0.
140	140	149	T+	-0.88526	-0.88526	7.877E-17
140	140	150	T+	-0.88526	-0.88526	-9.195E-17
140	140	176	T+	-0.88526	-0.88526	-1.565E-17
140	140	175	T+	-0.88526	-0.88526	2.750E-16
140	140	149	T-	0.88526	0.88526	-7.877E-17
140	140	150	T-	0.88526	0.88526	9.195E-17
140	140	176	T-	0.88526	0.88526	1.565E-17
140	140	175	T-	0.88526	0.88526	-2.750E-16
140	140	149	W	0.	0.	0.
140	140	150	W	0.	0.	0.
140	140	176	W	0.	0.	0.
140	140	175	W	0.	0.	0.
140	140	149	Qm-1	0.	0.	0.
140	140	150	Qm-1	0.	0.	0.
140	140	176	Qm-1	0.	0.	0.
140	140	175	Qm-1	0.	0.	0.
140	140	149	Qm-2	0.	0.	0.
140	140	150	Qm-2	0.	0.	0.
140	140	176	Qm-2	0.	0.	0.
140	140	175	Qm-2	0.	0.	0.
141	141	150	DEAD	0.	0.	0.
141	141	151	DEAD	0.	0.	0.
141	141	177	DEAD	0.	0.	0.
141	141	176	DEAD	0.	0.	0.
141	141	150	G1	0.	0.	0.
141	141	151	G1	0.	0.	0.

Table 27: Element Forces - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	F11	F22	F12
				KN/mm	KN/mm	KN/mm
141	141	177	G1	0.	0.	0.
141	141	176	G1	0.	0.	0.
141	141	150	G2	0.	0.	0.
141	141	151	G2	0.	0.	0.
141	141	177	G2	0.	0.	0.
141	141	176	G2	0.	0.	0.
141	141	150	Qm	0.	0.	0.
141	141	151	Qm	0.	0.	0.
141	141	177	Qm	0.	0.	0.
141	141	176	Qm	0.	0.	0.
141	141	150	Qs	0.	0.	0.
141	141	151	Qs	0.	0.	0.
141	141	177	Qs	0.	0.	0.
141	141	176	Qs	0.	0.	0.
141	141	150	T+	-0.88526	-0.88526	-2.036E-17
141	141	151	T+	-0.88526	-0.88526	-1.993E-15
141	141	177	T+	-0.88526	-0.88526	-6.335E-17
141	141	176	T+	-0.88526	-0.88526	1.869E-15
141	141	150	T-	0.88526	0.88526	2.036E-17
141	141	151	T-	0.88526	0.88526	1.993E-15
141	141	177	T-	0.88526	0.88526	6.335E-17
141	141	176	T-	0.88526	0.88526	-1.869E-15
141	141	150	W	0.	0.	0.
141	141	151	W	0.	0.	0.
141	141	177	W	0.	0.	0.
141	141	176	W	0.	0.	0.
141	141	150	Qm-1	0.	0.	0.
141	141	151	Qm-1	0.	0.	0.
141	141	177	Qm-1	0.	0.	0.
141	141	176	Qm-1	0.	0.	0.
141	141	150	Qm-2	0.	0.	0.
141	141	151	Qm-2	0.	0.	0.
141	141	177	Qm-2	0.	0.	0.
141	141	176	Qm-2	0.	0.	0.
142	142	151	DEAD	0.	0.	0.
142	142	152	DEAD	0.	0.	0.
142	142	178	DEAD	0.	0.	0.
142	142	177	DEAD	0.	0.	0.
142	142	151	G1	0.	0.	0.
142	142	152	G1	0.	0.	0.
142	142	178	G1	0.	0.	0.
142	142	177	G1	0.	0.	0.
142	142	151	G2	0.	0.	0.
142	142	152	G2	0.	0.	0.
142	142	178	G2	0.	0.	0.
142	142	177	G2	0.	0.	0.
142	142	151	Qm	0.	0.	0.
142	142	152	Qm	0.	0.	0.
142	142	178	Qm	0.	0.	0.
142	142	177	Qm	0.	0.	0.
142	142	151	Qs	0.	0.	0.
142	142	152	Qs	0.	0.	0.
142	142	178	Qs	0.	0.	0.
142	142	177	Qs	0.	0.	0.

Table 27: Element Forces - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	F11	F22	F12
				KN/mm	KN/mm	KN/mm
142	142	151	T+	-0.88526	-0.88526	-1.871E-16
142	142	152	T+	-0.88526	-0.88526	7.417E-16
142	142	178	T+	-0.88526	-0.88526	3.173E-17
142	142	177	T+	-0.88526	-0.88526	-8.571E-16
142	142	151	T-	0.88526	0.88526	1.871E-16
142	142	152	T-	0.88526	0.88526	-7.417E-16
142	142	178	T-	0.88526	0.88526	-3.173E-17
142	142	177	T-	0.88526	0.88526	8.571E-16
142	142	151	W	0.	0.	0.
142	142	152	W	0.	0.	0.
142	142	178	W	0.	0.	0.
142	142	177	W	0.	0.	0.
142	142	151	Qm-1	0.	0.	0.
142	142	152	Qm-1	0.	0.	0.
142	142	178	Qm-1	0.	0.	0.
142	142	177	Qm-1	0.	0.	0.
142	142	151	Qm-2	0.	0.	0.
142	142	152	Qm-2	0.	0.	0.
142	142	178	Qm-2	0.	0.	0.
142	142	177	Qm-2	0.	0.	0.
143	143	152	DEAD	0.	0.	0.
143	143	153	DEAD	0.	0.	0.
143	143	179	DEAD	0.	0.	0.
143	143	178	DEAD	0.	0.	0.
143	143	152	G1	0.	0.	0.
143	143	153	G1	0.	0.	0.
143	143	179	G1	0.	0.	0.
143	143	178	G1	0.	0.	0.
143	143	152	G2	0.	0.	0.
143	143	153	G2	0.	0.	0.
143	143	179	G2	0.	0.	0.
143	143	178	G2	0.	0.	0.
143	143	152	Qm	0.	0.	0.
143	143	153	Qm	0.	0.	0.
143	143	179	Qm	0.	0.	0.
143	143	178	Qm	0.	0.	0.
143	143	152	Qs	0.	0.	0.
143	143	153	Qs	0.	0.	0.
143	143	179	Qs	0.	0.	0.
143	143	178	Qs	0.	0.	0.
143	143	152	T+	-0.88526	-0.88526	-9.484E-17
143	143	153	T+	-0.88526	-0.88526	-9.772E-16
143	143	179	T+	-0.88526	-0.88526	5.848E-17
143	143	178	T+	-0.88526	-0.88526	9.809E-16
143	143	152	T-	0.88526	0.88526	9.484E-17
143	143	153	T-	0.88526	0.88526	9.772E-16
143	143	179	T-	0.88526	0.88526	-5.848E-17
143	143	178	T-	0.88526	0.88526	-9.809E-16
143	143	152	W	0.	0.	0.
143	143	153	W	0.	0.	0.
143	143	179	W	0.	0.	0.
143	143	178	W	0.	0.	0.
143	143	152	Qm-1	0.	0.	0.
143	143	153	Qm-1	0.	0.	0.

Table 27: Element Forces - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	F11	F22	F12
				KN/mm	KN/mm	KN/mm
143	143	179	Qm-1	0.	0.	0.
143	143	178	Qm-1	0.	0.	0.
143	143	152	Qm-2	0.	0.	0.
143	143	153	Qm-2	0.	0.	0.
143	143	179	Qm-2	0.	0.	0.
143	143	178	Qm-2	0.	0.	0.
144	144	153	DEAD	0.	0.	0.
144	144	154	DEAD	0.	0.	0.
144	144	180	DEAD	0.	0.	0.
144	144	179	DEAD	0.	0.	0.
144	144	153	G1	0.	0.	0.
144	144	154	G1	0.	0.	0.
144	144	180	G1	0.	0.	0.
144	144	179	G1	0.	0.	0.
144	144	153	G2	0.	0.	0.
144	144	154	G2	0.	0.	0.
144	144	180	G2	0.	0.	0.
144	144	179	G2	0.	0.	0.
144	144	153	Qm	0.	0.	0.
144	144	154	Qm	0.	0.	0.
144	144	180	Qm	0.	0.	0.
144	144	179	Qm	0.	0.	0.
144	144	153	Qs	0.	0.	0.
144	144	154	Qs	0.	0.	0.
144	144	180	Qs	0.	0.	0.
144	144	179	Qs	0.	0.	0.
144	144	153	T+	-0.88526	-0.88526	-1.880E-16
144	144	154	T+	-0.88526	-0.88526	-2.708E-16
144	144	180	T+	-0.88526	-0.88526	1.274E-17
144	144	179	T+	-0.88526	-0.88526	5.557E-17
144	144	153	T-	0.88526	0.88526	1.880E-16
144	144	154	T-	0.88526	0.88526	2.708E-16
144	144	180	T-	0.88526	0.88526	-1.274E-17
144	144	179	T-	0.88526	0.88526	-5.557E-17
144	144	153	W	0.	0.	0.
144	144	154	W	0.	0.	0.
144	144	180	W	0.	0.	0.
144	144	179	W	0.	0.	0.
144	144	153	Qm-1	0.	0.	0.
144	144	154	Qm-1	0.	0.	0.
144	144	180	Qm-1	0.	0.	0.
144	144	179	Qm-1	0.	0.	0.
144	144	153	Qm-2	0.	0.	0.
144	144	154	Qm-2	0.	0.	0.
144	144	180	Qm-2	0.	0.	0.
144	144	179	Qm-2	0.	0.	0.
145	145	154	DEAD	0.	0.	0.
145	145	155	DEAD	0.	0.	0.
145	145	181	DEAD	0.	0.	0.
145	145	180	DEAD	0.	0.	0.
145	145	154	G1	0.	0.	0.
145	145	155	G1	0.	0.	0.
145	145	181	G1	0.	0.	0.
145	145	180	G1	0.	0.	0.

Table 27: Element Forces - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	F11	F22	F12
				KN/mm	KN/mm	KN/mm
145	145	154	G2	0.	0.	0.
145	145	155	G2	0.	0.	0.
145	145	181	G2	0.	0.	0.
145	145	180	G2	0.	0.	0.
145	145	154	Qm	0.	0.	0.
145	145	155	Qm	0.	0.	0.
145	145	181	Qm	0.	0.	0.
145	145	180	Qm	0.	0.	0.
145	145	154	Qs	0.	0.	0.
145	145	155	Qs	0.	0.	0.
145	145	181	Qs	0.	0.	0.
145	145	180	Qs	0.	0.	0.
145	145	154	T+	-0.88526	-0.88526	2.277E-17
145	145	155	T+	-0.88526	-0.88526	-1.879E-15
145	145	181	T+	-0.88526	-0.88526	2.280E-17
145	145	180	T+	-0.88526	-0.88526	1.884E-15
145	145	154	T-	0.88526	0.88526	-2.277E-17
145	145	155	T-	0.88526	0.88526	1.879E-15
145	145	181	T-	0.88526	0.88526	-2.280E-17
145	145	180	T-	0.88526	0.88526	-1.884E-15
145	145	154	W	0.	0.	0.
145	145	155	W	0.	0.	0.
145	145	181	W	0.	0.	0.
145	145	180	W	0.	0.	0.
145	145	154	Qm-1	0.	0.	0.
145	145	155	Qm-1	0.	0.	0.
145	145	181	Qm-1	0.	0.	0.
145	145	180	Qm-1	0.	0.	0.
145	145	154	Qm-2	0.	0.	0.
145	145	155	Qm-2	0.	0.	0.
145	145	181	Qm-2	0.	0.	0.
145	145	180	Qm-2	0.	0.	0.
146	146	155	DEAD	0.	0.	0.
146	146	156	DEAD	0.	0.	0.
146	146	182	DEAD	0.	0.	0.
146	146	181	DEAD	0.	0.	0.
146	146	155	G1	0.	0.	0.
146	146	156	G1	0.	0.	0.
146	146	182	G1	0.	0.	0.
146	146	181	G1	0.	0.	0.
146	146	155	G2	0.	0.	0.
146	146	156	G2	0.	0.	0.
146	146	182	G2	0.	0.	0.
146	146	181	G2	0.	0.	0.
146	146	155	Qm	0.	0.	0.
146	146	156	Qm	0.	0.	0.
146	146	182	Qm	0.	0.	0.
146	146	181	Qm	0.	0.	0.
146	146	155	Qs	0.	0.	0.
146	146	156	Qs	0.	0.	0.
146	146	182	Qs	0.	0.	0.
146	146	181	Qs	0.	0.	0.
146	146	155	T+	-0.88526	-0.88526	4.260E-17
146	146	156	T+	-0.88526	-0.88526	2.654E-16

Table 27: Element Forces - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	F11	F22	F12
				KN/mm	KN/mm	KN/mm
146	146	182	T+	-0.88526	-0.88526	1.137E-16
146	146	181	T+	-0.88526	-0.88526	-2.692E-16
146	146	155	T-	0.88526	0.88526	-4.260E-17
146	146	156	T-	0.88526	0.88526	-2.654E-16
146	146	182	T-	0.88526	0.88526	-1.137E-16
146	146	181	T-	0.88526	0.88526	2.692E-16
146	146	155	W	0.	0.	0.
146	146	156	W	0.	0.	0.
146	146	182	W	0.	0.	0.
146	146	181	W	0.	0.	0.
146	146	155	Qm-1	0.	0.	0.
146	146	156	Qm-1	0.	0.	0.
146	146	182	Qm-1	0.	0.	0.
146	146	181	Qm-1	0.	0.	0.
146	146	155	Qm-2	0.	0.	0.
146	146	156	Qm-2	0.	0.	0.
146	146	182	Qm-2	0.	0.	0.
146	146	181	Qm-2	0.	0.	0.
147	147	156	DEAD	0.	0.	0.
147	147	157	DEAD	0.	0.	0.
147	147	183	DEAD	0.	0.	0.
147	147	182	DEAD	0.	0.	0.
147	147	156	G1	0.	0.	0.
147	147	157	G1	0.	0.	0.
147	147	183	G1	0.	0.	0.
147	147	182	G1	0.	0.	0.
147	147	156	G2	0.	0.	0.
147	147	157	G2	0.	0.	0.
147	147	183	G2	0.	0.	0.
147	147	182	G2	0.	0.	0.
147	147	156	Qm	0.	0.	0.
147	147	157	Qm	0.	0.	0.
147	147	183	Qm	0.	0.	0.
147	147	182	Qm	0.	0.	0.
147	147	156	Qs	0.	0.	0.
147	147	157	Qs	0.	0.	0.
147	147	183	Qs	0.	0.	0.
147	147	182	Qs	0.	0.	0.
147	147	156	T+	-0.88526	-0.88526	2.288E-16
147	147	157	T+	-0.88526	-0.88526	3.830E-16
147	147	183	T+	-0.88526	-0.88526	8.370E-17
147	147	182	T+	-0.88526	-0.88526	-1.106E-16
147	147	156	T-	0.88526	0.88526	-2.288E-16
147	147	157	T-	0.88526	0.88526	-3.830E-16
147	147	183	T-	0.88526	0.88526	-8.370E-17
147	147	182	T-	0.88526	0.88526	1.106E-16
147	147	156	W	0.	0.	0.
147	147	157	W	0.	0.	0.
147	147	183	W	0.	0.	0.
147	147	182	W	0.	0.	0.
147	147	156	Qm-1	0.	0.	0.
147	147	157	Qm-1	0.	0.	0.
147	147	183	Qm-1	0.	0.	0.
147	147	182	Qm-1	0.	0.	0.

Table 27: Element Forces - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	F11	F22	F12
				KN/mm	KN/mm	KN/mm
147	147	156	Qm-2	0.	0.	0.
147	147	157	Qm-2	0.	0.	0.
147	147	183	Qm-2	0.	0.	0.
147	147	182	Qm-2	0.	0.	0.
148	148	157	DEAD	0.	0.	0.
148	148	158	DEAD	0.	0.	0.
148	148	184	DEAD	0.	0.	0.
148	148	183	DEAD	0.	0.	0.
148	148	157	G1	0.	0.	0.
148	148	158	G1	0.	0.	0.
148	148	184	G1	0.	0.	0.
148	148	183	G1	0.	0.	0.
148	148	157	G2	0.	0.	0.
148	148	158	G2	0.	0.	0.
148	148	184	G2	0.	0.	0.
148	148	183	G2	0.	0.	0.
148	148	157	Qm	0.	0.	0.
148	148	158	Qm	0.	0.	0.
148	148	184	Qm	0.	0.	0.
148	148	183	Qm	0.	0.	0.
148	148	157	Qs	0.	0.	0.
148	148	158	Qs	0.	0.	0.
148	148	184	Qs	0.	0.	0.
148	148	183	Qs	0.	0.	0.
148	148	157	T+	-0.88526	-0.88526	-1.908E-16
148	148	158	T+	-0.88526	-0.88526	1.079E-15
148	148	184	T+	-0.88526	-0.88526	2.402E-16
148	148	183	T+	-0.88526	-0.88526	-9.096E-16
148	148	157	T-	0.88526	0.88526	1.908E-16
148	148	158	T-	0.88526	0.88526	-1.079E-15
148	148	184	T-	0.88526	0.88526	-2.402E-16
148	148	183	T-	0.88526	0.88526	9.096E-16
148	148	157	W	0.	0.	0.
148	148	158	W	0.	0.	0.
148	148	184	W	0.	0.	0.
148	148	183	W	0.	0.	0.
148	148	157	Qm-1	0.	0.	0.
148	148	158	Qm-1	0.	0.	0.
148	148	184	Qm-1	0.	0.	0.
148	148	183	Qm-1	0.	0.	0.
148	148	157	Qm-2	0.	0.	0.
148	148	158	Qm-2	0.	0.	0.
148	148	184	Qm-2	0.	0.	0.
148	148	183	Qm-2	0.	0.	0.
149	149	158	DEAD	0.	0.	0.
149	149	159	DEAD	0.	0.	0.
149	149	185	DEAD	0.	0.	0.
149	149	184	DEAD	0.	0.	0.
149	149	158	G1	0.	0.	0.
149	149	159	G1	0.	0.	0.
149	149	185	G1	0.	0.	0.
149	149	184	G1	0.	0.	0.
149	149	158	G2	0.	0.	0.
149	149	159	G2	0.	0.	0.

Table 27: Element Forces - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	F11	F22	F12
				KN/mm	KN/mm	KN/mm
149	149	185	G2	0.	0.	0.
149	149	184	G2	0.	0.	0.
149	149	158	Qm	0.	0.	0.
149	149	159	Qm	0.	0.	0.
149	149	185	Qm	0.	0.	0.
149	149	184	Qm	0.	0.	0.
149	149	158	Qs	0.	0.	0.
149	149	159	Qs	0.	0.	0.
149	149	185	Qs	0.	0.	0.
149	149	184	Qs	0.	0.	0.
149	149	158	T+	-0.88526	-0.88526	-6.393E-17
149	149	159	T+	-0.88526	-0.88526	-5.347E-16
149	149	185	T+	-0.88526	-0.88526	3.426E-17
149	149	184	T+	-0.88526	-0.88526	6.650E-16
149	149	158	T-	0.88526	0.88526	6.393E-17
149	149	159	T-	0.88526	0.88526	5.347E-16
149	149	185	T-	0.88526	0.88526	-3.426E-17
149	149	184	T-	0.88526	0.88526	-6.650E-16
149	149	158	W	0.	0.	0.
149	149	159	W	0.	0.	0.
149	149	185	W	0.	0.	0.
149	149	184	W	0.	0.	0.
149	149	158	Qm-1	0.	0.	0.
149	149	159	Qm-1	0.	0.	0.
149	149	185	Qm-1	0.	0.	0.
149	149	184	Qm-1	0.	0.	0.
149	149	158	Qm-2	0.	0.	0.
149	149	159	Qm-2	0.	0.	0.
149	149	185	Qm-2	0.	0.	0.
149	149	184	Qm-2	0.	0.	0.
150	150	159	DEAD	0.	0.	0.
150	150	160	DEAD	0.	0.	0.
150	150	186	DEAD	0.	0.	0.
150	150	185	DEAD	0.	0.	0.
150	150	159	G1	0.	0.	0.
150	150	160	G1	0.	0.	0.
150	150	186	G1	0.	0.	0.
150	150	185	G1	0.	0.	0.
150	150	159	G2	0.	0.	0.
150	150	160	G2	0.	0.	0.
150	150	186	G2	0.	0.	0.
150	150	185	G2	0.	0.	0.
150	150	159	Qm	0.	0.	0.
150	150	160	Qm	0.	0.	0.
150	150	186	Qm	0.	0.	0.
150	150	185	Qm	0.	0.	0.
150	150	159	Qs	0.	0.	0.
150	150	160	Qs	0.	0.	0.
150	150	186	Qs	0.	0.	0.
150	150	185	Qs	0.	0.	0.
150	150	159	T+	-0.88526	-0.88526	-3.553E-16
150	150	160	T+	-0.88526	-0.88526	-5.893E-17
150	150	186	T+	-0.88526	-0.88526	1.573E-16
150	150	185	T+	-0.88526	-0.88526	-5.912E-17

Table 27: Element Forces - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	F11	F22	F12
				KN/mm	KN/mm	KN/mm
150	150	159	T-	0.88526	0.88526	3.553E-16
150	150	160	T-	0.88526	0.88526	5.893E-17
150	150	186	T-	0.88526	0.88526	-1.573E-16
150	150	185	T-	0.88526	0.88526	5.912E-17
150	150	159	W	0.	0.	0.
150	150	160	W	0.	0.	0.
150	150	186	W	0.	0.	0.
150	150	185	W	0.	0.	0.
150	150	159	Qm-1	0.	0.	0.
150	150	160	Qm-1	0.	0.	0.
150	150	186	Qm-1	0.	0.	0.
150	150	185	Qm-1	0.	0.	0.
150	150	159	Qm-2	0.	0.	0.
150	150	160	Qm-2	0.	0.	0.
150	150	186	Qm-2	0.	0.	0.
150	150	185	Qm-2	0.	0.	0.
151	151	160	DEAD	0.	0.	0.
151	151	161	DEAD	0.	0.	0.
151	151	187	DEAD	0.	0.	0.
151	151	186	DEAD	0.	0.	0.
151	151	160	G1	0.	0.	0.
151	151	161	G1	0.	0.	0.
151	151	187	G1	0.	0.	0.
151	151	186	G1	0.	0.	0.
151	151	160	G2	0.	0.	0.
151	151	161	G2	0.	0.	0.
151	151	187	G2	0.	0.	0.
151	151	186	G2	0.	0.	0.
151	151	160	Qm	0.	0.	0.
151	151	161	Qm	0.	0.	0.
151	151	187	Qm	0.	0.	0.
151	151	186	Qm	0.	0.	0.
151	151	160	Qs	0.	0.	0.
151	151	161	Qs	0.	0.	0.
151	151	187	Qs	0.	0.	0.
151	151	186	Qs	0.	0.	0.
151	151	160	T+	-0.88526	-0.88526	3.436E-17
151	151	161	T+	-0.88526	-0.88526	-2.346E-15
151	151	187	T+	-0.88526	-0.88526	-5.490E-17
151	151	186	T+	-0.88526	-0.88526	2.365E-15
151	151	160	T-	0.88526	0.88526	-3.436E-17
151	151	161	T-	0.88526	0.88526	2.346E-15
151	151	187	T-	0.88526	0.88526	5.490E-17
151	151	186	T-	0.88526	0.88526	-2.365E-15
151	151	160	W	0.	0.	0.
151	151	161	W	0.	0.	0.
151	151	187	W	0.	0.	0.
151	151	186	W	0.	0.	0.
151	151	160	Qm-1	0.	0.	0.
151	151	161	Qm-1	0.	0.	0.
151	151	187	Qm-1	0.	0.	0.
151	151	186	Qm-1	0.	0.	0.
151	151	160	Qm-2	0.	0.	0.
151	151	161	Qm-2	0.	0.	0.

Table 27: Element Forces - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	F11	F22	F12
				KN/mm	KN/mm	KN/mm
151	151	187	Qm-2	0.	0.	0.
151	151	186	Qm-2	0.	0.	0.
152	152	161	DEAD	0.	0.	0.
152	152	162	DEAD	0.	0.	0.
152	152	188	DEAD	0.	0.	0.
152	152	187	DEAD	0.	0.	0.
152	152	161	G1	0.	0.	0.
152	152	162	G1	0.	0.	0.
152	152	188	G1	0.	0.	0.
152	152	187	G1	0.	0.	0.
152	152	161	G2	0.	0.	0.
152	152	162	G2	0.	0.	0.
152	152	188	G2	0.	0.	0.
152	152	187	G2	0.	0.	0.
152	152	161	Qm	0.	0.	0.
152	152	162	Qm	0.	0.	0.
152	152	188	Qm	0.	0.	0.
152	152	187	Qm	0.	0.	0.
152	152	161	Qs	0.	0.	0.
152	152	162	Qs	0.	0.	0.
152	152	188	Qs	0.	0.	0.
152	152	187	Qs	0.	0.	0.
152	152	161	T+	-0.88526	-0.88526	-6.778E-17
152	152	162	T+	-0.88526	-0.88526	-2.092E-16
152	152	188	T+	-0.88526	-0.88526	1.316E-16
152	152	187	T+	-0.88526	-0.88526	2.730E-16
152	152	161	T-	0.88526	0.88526	6.778E-17
152	152	162	T-	0.88526	0.88526	2.092E-16
152	152	188	T-	0.88526	0.88526	-1.316E-16
152	152	187	T-	0.88526	0.88526	-2.730E-16
152	152	161	W	0.	0.	0.
152	152	162	W	0.	0.	0.
152	152	188	W	0.	0.	0.
152	152	187	W	0.	0.	0.
152	152	161	Qm-1	0.	0.	0.
152	152	162	Qm-1	0.	0.	0.
152	152	188	Qm-1	0.	0.	0.
152	152	187	Qm-1	0.	0.	0.
152	152	161	Qm-2	0.	0.	0.
152	152	162	Qm-2	0.	0.	0.
152	152	188	Qm-2	0.	0.	0.
152	152	187	Qm-2	0.	0.	0.
153	153	163	DEAD	0.	0.	0.
153	153	164	DEAD	0.	0.	0.
153	153	190	DEAD	0.	0.	0.
153	153	189	DEAD	0.	0.	0.
153	153	163	G1	0.	0.	0.
153	153	164	G1	0.	0.	0.
153	153	190	G1	0.	0.	0.
153	153	189	G1	0.	0.	0.
153	153	163	G2	0.	0.	0.
153	153	164	G2	0.	0.	0.
153	153	190	G2	0.	0.	0.
153	153	189	G2	0.	0.	0.

Table 27: Element Forces - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	F11	F22	F12
				KN/mm	KN/mm	KN/mm
153	153	163	Qm	0.	0.	0.
153	153	164	Qm	0.	0.	0.
153	153	190	Qm	0.	0.	0.
153	153	189	Qm	0.	0.	0.
153	153	163	Qs	0.	0.	0.
153	153	164	Qs	0.	0.	0.
153	153	190	Qs	0.	0.	0.
153	153	189	Qs	0.	0.	0.
153	153	163	T+	-0.88526	-0.88526	-4.083E-17
153	153	164	T+	-0.88526	-0.88526	-8.020E-17
153	153	190	T+	-0.88526	-0.88526	1.744E-17
153	153	189	T+	-0.88526	-0.88526	1.368E-16
153	153	163	T-	0.88526	0.88526	4.083E-17
153	153	164	T-	0.88526	0.88526	8.020E-17
153	153	190	T-	0.88526	0.88526	-1.744E-17
153	153	189	T-	0.88526	0.88526	-1.368E-16
153	153	163	W	0.	0.	0.
153	153	164	W	0.	0.	0.
153	153	190	W	0.	0.	0.
153	153	189	W	0.	0.	0.
153	153	163	Qm-1	0.	0.	0.
153	153	164	Qm-1	0.	0.	0.
153	153	190	Qm-1	0.	0.	0.
153	153	189	Qm-1	0.	0.	0.
153	153	163	Qm-2	0.	0.	0.
153	153	164	Qm-2	0.	0.	0.
153	153	190	Qm-2	0.	0.	0.
153	153	189	Qm-2	0.	0.	0.
154	154	164	DEAD	0.	0.	0.
154	154	165	DEAD	0.	0.	0.
154	154	191	DEAD	0.	0.	0.
154	154	190	DEAD	0.	0.	0.
154	154	164	G1	0.	0.	0.
154	154	165	G1	0.	0.	0.
154	154	191	G1	0.	0.	0.
154	154	190	G1	0.	0.	0.
154	154	164	G2	0.	0.	0.
154	154	165	G2	0.	0.	0.
154	154	191	G2	0.	0.	0.
154	154	190	G2	0.	0.	0.
154	154	164	Qm	0.	0.	0.
154	154	165	Qm	0.	0.	0.
154	154	191	Qm	0.	0.	0.
154	154	190	Qm	0.	0.	0.
154	154	164	Qs	0.	0.	0.
154	154	165	Qs	0.	0.	0.
154	154	191	Qs	0.	0.	0.
154	154	190	Qs	0.	0.	0.
154	154	164	T+	-0.88526	-0.88526	-1.592E-16
154	154	165	T+	-0.88526	-0.88526	1.194E-16
154	154	191	T+	-0.88526	-0.88526	1.358E-16
154	154	190	T+	-0.88526	-0.88526	-6.276E-17
154	154	164	T-	0.88526	0.88526	1.592E-16
154	154	165	T-	0.88526	0.88526	-1.194E-16

Table 27: Element Forces - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	F11	F22	F12
				KN/mm	KN/mm	KN/mm
154	154	191	T-	0.88526	0.88526	-1.358E-16
154	154	190	T-	0.88526	0.88526	6.276E-17
154	154	164	W	0.	0.	0.
154	154	165	W	0.	0.	0.
154	154	191	W	0.	0.	0.
154	154	190	W	0.	0.	0.
154	154	164	Qm-1	0.	0.	0.
154	154	165	Qm-1	0.	0.	0.
154	154	191	Qm-1	0.	0.	0.
154	154	190	Qm-1	0.	0.	0.
154	154	164	Qm-2	0.	0.	0.
154	154	165	Qm-2	0.	0.	0.
154	154	191	Qm-2	0.	0.	0.
154	154	190	Qm-2	0.	0.	0.
155	155	165	DEAD	0.	0.	0.
155	155	166	DEAD	0.	0.	0.
155	155	192	DEAD	0.	0.	0.
155	155	191	DEAD	0.	0.	0.
155	155	165	G1	0.	0.	0.
155	155	166	G1	0.	0.	0.
155	155	192	G1	0.	0.	0.
155	155	191	G1	0.	0.	0.
155	155	165	G2	0.	0.	0.
155	155	166	G2	0.	0.	0.
155	155	192	G2	0.	0.	0.
155	155	191	G2	0.	0.	0.
155	155	165	Qm	0.	0.	0.
155	155	166	Qm	0.	0.	0.
155	155	192	Qm	0.	0.	0.
155	155	191	Qm	0.	0.	0.
155	155	165	Qs	0.	0.	0.
155	155	166	Qs	0.	0.	0.
155	155	192	Qs	0.	0.	0.
155	155	191	Qs	0.	0.	0.
155	155	165	T+	-0.88526	-0.88526	-1.347E-16
155	155	166	T+	-0.88526	-0.88526	-2.575E-16
155	155	192	T+	-0.88526	-0.88526	1.114E-16
155	155	191	T+	-0.88526	-0.88526	3.141E-16
155	155	165	T-	0.88526	0.88526	1.347E-16
155	155	166	T-	0.88526	0.88526	2.575E-16
155	155	192	T-	0.88526	0.88526	-1.114E-16
155	155	191	T-	0.88526	0.88526	-3.141E-16
155	155	165	W	0.	0.	0.
155	155	166	W	0.	0.	0.
155	155	192	W	0.	0.	0.
155	155	191	W	0.	0.	0.
155	155	165	Qm-1	0.	0.	0.
155	155	166	Qm-1	0.	0.	0.
155	155	192	Qm-1	0.	0.	0.
155	155	191	Qm-1	0.	0.	0.
155	155	165	Qm-2	0.	0.	0.
155	155	166	Qm-2	0.	0.	0.
155	155	192	Qm-2	0.	0.	0.
155	155	191	Qm-2	0.	0.	0.

Table 27: Element Forces - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	F11	F22	F12
				KN/mm	KN/mm	KN/mm
156	156	166	DEAD	0.	0.	0.
156	156	167	DEAD	0.	0.	0.
156	156	193	DEAD	0.	0.	0.
156	156	192	DEAD	0.	0.	0.
156	156	166	G1	0.	0.	0.
156	156	167	G1	0.	0.	0.
156	156	193	G1	0.	0.	0.
156	156	192	G1	0.	0.	0.
156	156	166	G2	0.	0.	0.
156	156	167	G2	0.	0.	0.
156	156	193	G2	0.	0.	0.
156	156	192	G2	0.	0.	0.
156	156	166	Qm	0.	0.	0.
156	156	167	Qm	0.	0.	0.
156	156	193	Qm	0.	0.	0.
156	156	192	Qm	0.	0.	0.
156	156	166	Qs	0.	0.	0.
156	156	167	Qs	0.	0.	0.
156	156	193	Qs	0.	0.	0.
156	156	192	Qs	0.	0.	0.
156	156	166	T+	-0.88526	-0.88526	1.646E-16
156	156	167	T+	-0.88526	-0.88526	-1.296E-15
156	156	193	T+	-0.88526	-0.88526	1.314E-17
156	156	192	T+	-0.88526	-0.88526	1.434E-15
156	156	166	T-	0.88526	0.88526	-1.646E-16
156	156	167	T-	0.88526	0.88526	1.296E-15
156	156	193	T-	0.88526	0.88526	-1.314E-17
156	156	192	T-	0.88526	0.88526	-1.434E-15
156	156	166	W	0.	0.	0.
156	156	167	W	0.	0.	0.
156	156	193	W	0.	0.	0.
156	156	192	W	0.	0.	0.
156	156	166	Qm-1	0.	0.	0.
156	156	167	Qm-1	0.	0.	0.
156	156	193	Qm-1	0.	0.	0.
156	156	192	Qm-1	0.	0.	0.
156	156	166	Qm-2	0.	0.	0.
156	156	167	Qm-2	0.	0.	0.
156	156	193	Qm-2	0.	0.	0.
156	156	192	Qm-2	0.	0.	0.
157	157	167	DEAD	0.	0.	0.
157	157	168	DEAD	0.	0.	0.
157	157	194	DEAD	0.	0.	0.
157	157	193	DEAD	0.	0.	0.
157	157	167	G1	0.	0.	0.
157	157	168	G1	0.	0.	0.
157	157	194	G1	0.	0.	0.
157	157	193	G1	0.	0.	0.
157	157	167	G2	0.	0.	0.
157	157	168	G2	0.	0.	0.
157	157	194	G2	0.	0.	0.
157	157	193	G2	0.	0.	0.
157	157	167	Qm	0.	0.	0.
157	157	168	Qm	0.	0.	0.

Table 27: Element Forces - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	F11	F22	F12
				KN/mm	KN/mm	KN/mm
157	157	194	Qm	0.	0.	0.
157	157	193	Qm	0.	0.	0.
157	157	167	Qs	0.	0.	0.
157	157	168	Qs	0.	0.	0.
157	157	194	Qs	0.	0.	0.
157	157	193	Qs	0.	0.	0.
157	157	167	T+	-0.88526	-0.88526	1.498E-16
157	157	168	T+	-0.88526	-0.88526	-8.826E-16
157	157	194	T+	-0.88526	-0.88526	-1.519E-16
157	157	193	T+	-0.88526	-0.88526	9.205E-16
157	157	167	T-	0.88526	0.88526	-1.498E-16
157	157	168	T-	0.88526	0.88526	8.826E-16
157	157	194	T-	0.88526	0.88526	1.519E-16
157	157	193	T-	0.88526	0.88526	-9.205E-16
157	157	167	W	0.	0.	0.
157	157	168	W	0.	0.	0.
157	157	194	W	0.	0.	0.
157	157	193	W	0.	0.	0.
157	157	167	Qm-1	0.	0.	0.
157	157	168	Qm-1	0.	0.	0.
157	157	194	Qm-1	0.	0.	0.
157	157	193	Qm-1	0.	0.	0.
157	157	167	Qm-2	0.	0.	0.
157	157	168	Qm-2	0.	0.	0.
157	157	194	Qm-2	0.	0.	0.
157	157	193	Qm-2	0.	0.	0.
158	158	168	DEAD	0.	0.	0.
158	158	169	DEAD	0.	0.	0.
158	158	195	DEAD	0.	0.	0.
158	158	194	DEAD	0.	0.	0.
158	158	168	G1	0.	0.	0.
158	158	169	G1	0.	0.	0.
158	158	195	G1	0.	0.	0.
158	158	194	G1	0.	0.	0.
158	158	168	G2	0.	0.	0.
158	158	169	G2	0.	0.	0.
158	158	195	G2	0.	0.	0.
158	158	194	G2	0.	0.	0.
158	158	168	Qm	0.	0.	0.
158	158	169	Qm	0.	0.	0.
158	158	195	Qm	0.	0.	0.
158	158	194	Qm	0.	0.	0.
158	158	168	Qs	0.	0.	0.
158	158	169	Qs	0.	0.	0.
158	158	195	Qs	0.	0.	0.
158	158	194	Qs	0.	0.	0.
158	158	168	T+	-0.88526	-0.88526	-3.204E-16
158	158	169	T+	-0.88526	-0.88526	-7.258E-16
158	158	195	T+	-0.88526	-0.88526	3.783E-17
158	158	194	T+	-0.88526	-0.88526	3.633E-16
158	158	168	T-	0.88526	0.88526	3.204E-16
158	158	169	T-	0.88526	0.88526	7.258E-16
158	158	195	T-	0.88526	0.88526	-3.783E-17
158	158	194	T-	0.88526	0.88526	-3.633E-16

Table 27: Element Forces - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	F11	F22	F12
				KN/mm	KN/mm	KN/mm
158	158	168	W	0.	0.	0.
158	158	169	W	0.	0.	0.
158	158	195	W	0.	0.	0.
158	158	194	W	0.	0.	0.
158	158	168	Qm-1	0.	0.	0.
158	158	169	Qm-1	0.	0.	0.
158	158	195	Qm-1	0.	0.	0.
158	158	194	Qm-1	0.	0.	0.
158	158	168	Qm-2	0.	0.	0.
158	158	169	Qm-2	0.	0.	0.
158	158	195	Qm-2	0.	0.	0.
158	158	194	Qm-2	0.	0.	0.
159	159	169	DEAD	0.	0.	0.
159	159	170	DEAD	0.	0.	0.
159	159	196	DEAD	0.	0.	0.
159	159	195	DEAD	0.	0.	0.
159	159	169	G1	0.	0.	0.
159	159	170	G1	0.	0.	0.
159	159	196	G1	0.	0.	0.
159	159	195	G1	0.	0.	0.
159	159	169	G2	0.	0.	0.
159	159	170	G2	0.	0.	0.
159	159	196	G2	0.	0.	0.
159	159	195	G2	0.	0.	0.
159	159	169	Qm	0.	0.	0.
159	159	170	Qm	0.	0.	0.
159	159	196	Qm	0.	0.	0.
159	159	195	Qm	0.	0.	0.
159	159	169	Qs	0.	0.	0.
159	159	170	Qs	0.	0.	0.
159	159	196	Qs	0.	0.	0.
159	159	195	Qs	0.	0.	0.
159	159	169	T+	-0.88526	-0.88526	6.008E-17
159	159	170	T+	-0.88526	-0.88526	-1.392E-16
159	159	196	T+	-0.88526	-0.88526	3.043E-18
159	159	195	T+	-0.88526	-0.88526	3.223E-16
159	159	169	T-	0.88526	0.88526	-6.008E-17
159	159	170	T-	0.88526	0.88526	1.392E-16
159	159	196	T-	0.88526	0.88526	-3.043E-18
159	159	195	T-	0.88526	0.88526	-3.223E-16
159	159	169	W	0.	0.	0.
159	159	170	W	0.	0.	0.
159	159	196	W	0.	0.	0.
159	159	195	W	0.	0.	0.
159	159	169	Qm-1	0.	0.	0.
159	159	170	Qm-1	0.	0.	0.
159	159	196	Qm-1	0.	0.	0.
159	159	195	Qm-1	0.	0.	0.
159	159	169	Qm-2	0.	0.	0.
159	159	170	Qm-2	0.	0.	0.
159	159	196	Qm-2	0.	0.	0.
159	159	195	Qm-2	0.	0.	0.
160	160	170	DEAD	0.	0.	0.
160	160	171	DEAD	0.	0.	0.

Table 27: Element Forces - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	F11	F22	F12
				KN/mm	KN/mm	KN/mm
160	160	197	DEAD	0.	0.	0.
160	160	196	DEAD	0.	0.	0.
160	160	170	G1	0.	0.	0.
160	160	171	G1	0.	0.	0.
160	160	197	G1	0.	0.	0.
160	160	196	G1	0.	0.	0.
160	160	170	G2	0.	0.	0.
160	160	171	G2	0.	0.	0.
160	160	197	G2	0.	0.	0.
160	160	196	G2	0.	0.	0.
160	160	170	Qm	0.	0.	0.
160	160	171	Qm	0.	0.	0.
160	160	197	Qm	0.	0.	0.
160	160	196	Qm	0.	0.	0.
160	160	170	Qs	0.	0.	0.
160	160	171	Qs	0.	0.	0.
160	160	197	Qs	0.	0.	0.
160	160	196	Qs	0.	0.	0.
160	160	170	T+	-0.88526	-0.88526	-5.207E-17
160	160	171	T+	-0.88526	-0.88526	1.490E-15
160	160	197	T+	-0.88526	-0.88526	1.351E-17
160	160	196	T+	-0.88526	-0.88526	-1.569E-15
160	160	170	T-	0.88526	0.88526	5.207E-17
160	160	171	T-	0.88526	0.88526	-1.490E-15
160	160	197	T-	0.88526	0.88526	-1.351E-17
160	160	196	T-	0.88526	0.88526	1.569E-15
160	160	170	W	0.	0.	0.
160	160	171	W	0.	0.	0.
160	160	197	W	0.	0.	0.
160	160	196	W	0.	0.	0.
160	160	170	Qm-1	0.	0.	0.
160	160	171	Qm-1	0.	0.	0.
160	160	197	Qm-1	0.	0.	0.
160	160	196	Qm-1	0.	0.	0.
160	160	170	Qm-2	0.	0.	0.
160	160	171	Qm-2	0.	0.	0.
160	160	197	Qm-2	0.	0.	0.
160	160	196	Qm-2	0.	0.	0.
161	161	171	DEAD	0.	0.	0.
161	161	172	DEAD	0.	0.	0.
161	161	198	DEAD	0.	0.	0.
161	161	197	DEAD	0.	0.	0.
161	161	171	G1	0.	0.	0.
161	161	172	G1	0.	0.	0.
161	161	198	G1	0.	0.	0.
161	161	197	G1	0.	0.	0.
161	161	171	G2	0.	0.	0.
161	161	172	G2	0.	0.	0.
161	161	198	G2	0.	0.	0.
161	161	197	G2	0.	0.	0.
161	161	171	Qm	0.	0.	0.
161	161	172	Qm	0.	0.	0.
161	161	198	Qm	0.	0.	0.
161	161	197	Qm	0.	0.	0.

Table 27: Element Forces - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	F11	F22	F12
				KN/mm	KN/mm	KN/mm
161	161	171	Qs	0.	0.	0.
161	161	172	Qs	0.	0.	0.
161	161	198	Qs	0.	0.	0.
161	161	197	Qs	0.	0.	0.
161	161	171	T+	-0.88526	-0.88526	-1.379E-16
161	161	172	T+	-0.88526	-0.88526	1.913E-16
161	161	198	T+	-0.88526	-0.88526	1.515E-16
161	161	197	T+	-0.88526	-0.88526	-2.976E-16
161	161	171	T-	0.88526	0.88526	1.379E-16
161	161	172	T-	0.88526	0.88526	-1.913E-16
161	161	198	T-	0.88526	0.88526	-1.515E-16
161	161	197	T-	0.88526	0.88526	2.976E-16
161	161	171	W	0.	0.	0.
161	161	172	W	0.	0.	0.
161	161	198	W	0.	0.	0.
161	161	197	W	0.	0.	0.
161	161	171	Qm-1	0.	0.	0.
161	161	172	Qm-1	0.	0.	0.
161	161	198	Qm-1	0.	0.	0.
161	161	197	Qm-1	0.	0.	0.
161	161	171	Qm-2	0.	0.	0.
161	161	172	Qm-2	0.	0.	0.
161	161	198	Qm-2	0.	0.	0.
161	161	197	Qm-2	0.	0.	0.
162	162	172	DEAD	0.	0.	0.
162	162	173	DEAD	0.	0.	0.
162	162	199	DEAD	0.	0.	0.
162	162	198	DEAD	0.	0.	0.
162	162	172	G1	0.	0.	0.
162	162	173	G1	0.	0.	0.
162	162	199	G1	0.	0.	0.
162	162	198	G1	0.	0.	0.
162	162	172	G2	0.	0.	0.
162	162	173	G2	0.	0.	0.
162	162	199	G2	0.	0.	0.
162	162	198	G2	0.	0.	0.
162	162	172	Qm	0.	0.	0.
162	162	173	Qm	0.	0.	0.
162	162	199	Qm	0.	0.	0.
162	162	198	Qm	0.	0.	0.
162	162	172	Qs	0.	0.	0.
162	162	173	Qs	0.	0.	0.
162	162	199	Qs	0.	0.	0.
162	162	198	Qs	0.	0.	0.
162	162	172	T+	-0.88526	-0.88526	9.780E-17
162	162	173	T+	-0.88526	-0.88526	1.527E-15
162	162	199	T+	-0.88526	-0.88526	1.326E-16
162	162	198	T+	-0.88526	-0.88526	-1.337E-15
162	162	172	T-	0.88526	0.88526	-9.780E-17
162	162	173	T-	0.88526	0.88526	-1.527E-15
162	162	199	T-	0.88526	0.88526	-1.326E-16
162	162	198	T-	0.88526	0.88526	1.337E-15
162	162	172	W	0.	0.	0.
162	162	173	W	0.	0.	0.

Table 27: Element Forces - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	F11	F22	F12
				KN/mm	KN/mm	KN/mm
162	162	199	W	0.	0.	0.
162	162	198	W	0.	0.	0.
162	162	172	Qm-1	0.	0.	0.
162	162	173	Qm-1	0.	0.	0.
162	162	199	Qm-1	0.	0.	0.
162	162	198	Qm-1	0.	0.	0.
162	162	172	Qm-2	0.	0.	0.
162	162	173	Qm-2	0.	0.	0.
162	162	199	Qm-2	0.	0.	0.
162	162	198	Qm-2	0.	0.	0.
163	163	173	DEAD	0.	0.	0.
163	163	174	DEAD	0.	0.	0.
163	163	200	DEAD	0.	0.	0.
163	163	199	DEAD	0.	0.	0.
163	163	173	G1	0.	0.	0.
163	163	174	G1	0.	0.	0.
163	163	200	G1	0.	0.	0.
163	163	199	G1	0.	0.	0.
163	163	173	G2	0.	0.	0.
163	163	174	G2	0.	0.	0.
163	163	200	G2	0.	0.	0.
163	163	199	G2	0.	0.	0.
163	163	173	Qm	0.	0.	0.
163	163	174	Qm	0.	0.	0.
163	163	200	Qm	0.	0.	0.
163	163	199	Qm	0.	0.	0.
163	163	173	Qs	0.	0.	0.
163	163	174	Qs	0.	0.	0.
163	163	200	Qs	0.	0.	0.
163	163	199	Qs	0.	0.	0.
163	163	173	T+	-0.88526	-0.88526	-2.983E-17
163	163	174	T+	-0.88526	-0.88526	6.708E-16
163	163	200	T+	-0.88526	-0.88526	4.200E-17
163	163	199	T+	-0.88526	-0.88526	-6.587E-16
163	163	173	T-	0.88526	0.88526	2.983E-17
163	163	174	T-	0.88526	0.88526	-6.708E-16
163	163	200	T-	0.88526	0.88526	-4.200E-17
163	163	199	T-	0.88526	0.88526	6.587E-16
163	163	173	W	0.	0.	0.
163	163	174	W	0.	0.	0.
163	163	200	W	0.	0.	0.
163	163	199	W	0.	0.	0.
163	163	173	Qm-1	0.	0.	0.
163	163	174	Qm-1	0.	0.	0.
163	163	200	Qm-1	0.	0.	0.
163	163	199	Qm-1	0.	0.	0.
163	163	173	Qm-2	0.	0.	0.
163	163	174	Qm-2	0.	0.	0.
163	163	200	Qm-2	0.	0.	0.
163	163	199	Qm-2	0.	0.	0.
164	164	174	DEAD	0.	0.	0.
164	164	175	DEAD	0.	0.	0.
164	164	201	DEAD	0.	0.	0.
164	164	200	DEAD	0.	0.	0.

Table 27: Element Forces - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	F11	F22	F12
				KN/mm	KN/mm	KN/mm
164	164	174	G1	0.	0.	0.
164	164	175	G1	0.	0.	0.
164	164	201	G1	0.	0.	0.
164	164	200	G1	0.	0.	0.
164	164	174	G2	0.	0.	0.
164	164	175	G2	0.	0.	0.
164	164	201	G2	0.	0.	0.
164	164	200	G2	0.	0.	0.
164	164	174	Qm	0.	0.	0.
164	164	175	Qm	0.	0.	0.
164	164	201	Qm	0.	0.	0.
164	164	200	Qm	0.	0.	0.
164	164	174	Qs	0.	0.	0.
164	164	175	Qs	0.	0.	0.
164	164	201	Qs	0.	0.	0.
164	164	200	Qs	0.	0.	0.
164	164	174	T+	-0.88526	-0.88526	1.166E-17
164	164	175	T+	-0.88526	-0.88526	7.095E-16
164	164	201	T+	-0.88526	-0.88526	2.097E-17
164	164	200	T+	-0.88526	-0.88526	-7.169E-16
164	164	174	T-	0.88526	0.88526	-1.166E-17
164	164	175	T-	0.88526	0.88526	-7.095E-16
164	164	201	T-	0.88526	0.88526	-2.097E-17
164	164	200	T-	0.88526	0.88526	7.169E-16
164	164	174	W	0.	0.	0.
164	164	175	W	0.	0.	0.
164	164	201	W	0.	0.	0.
164	164	200	W	0.	0.	0.
164	164	174	Qm-1	0.	0.	0.
164	164	175	Qm-1	0.	0.	0.
164	164	201	Qm-1	0.	0.	0.
164	164	200	Qm-1	0.	0.	0.
164	164	174	Qm-2	0.	0.	0.
164	164	175	Qm-2	0.	0.	0.
164	164	201	Qm-2	0.	0.	0.
164	164	200	Qm-2	0.	0.	0.
165	165	175	DEAD	0.	0.	0.
165	165	176	DEAD	0.	0.	0.
165	165	202	DEAD	0.	0.	0.
165	165	201	DEAD	0.	0.	0.
165	165	175	G1	0.	0.	0.
165	165	176	G1	0.	0.	0.
165	165	202	G1	0.	0.	0.
165	165	201	G1	0.	0.	0.
165	165	175	G2	0.	0.	0.
165	165	176	G2	0.	0.	0.
165	165	202	G2	0.	0.	0.
165	165	201	G2	0.	0.	0.
165	165	175	Qm	0.	0.	0.
165	165	176	Qm	0.	0.	0.
165	165	202	Qm	0.	0.	0.
165	165	201	Qm	0.	0.	0.
165	165	175	Qs	0.	0.	0.
165	165	176	Qs	0.	0.	0.

Table 27: Element Forces - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	F11	F22	F12
				KN/mm	KN/mm	KN/mm
165	165	202	Qs	0.	0.	0.
165	165	201	Qs	0.	0.	0.
165	165	175	T+	-0.88526	-0.88526	-5.262E-17
165	165	176	T+	-0.88526	-0.88526	-1.084E-16
165	165	202	T+	-0.88526	-0.88526	1.157E-16
165	165	201	T+	-0.88526	-0.88526	2.915E-16
165	165	175	T-	0.88526	0.88526	5.262E-17
165	165	176	T-	0.88526	0.88526	1.084E-16
165	165	202	T-	0.88526	0.88526	-1.157E-16
165	165	201	T-	0.88526	0.88526	-2.915E-16
165	165	175	W	0.	0.	0.
165	165	176	W	0.	0.	0.
165	165	202	W	0.	0.	0.
165	165	201	W	0.	0.	0.
165	165	175	Qm-1	0.	0.	0.
165	165	176	Qm-1	0.	0.	0.
165	165	202	Qm-1	0.	0.	0.
165	165	201	Qm-1	0.	0.	0.
165	165	175	Qm-2	0.	0.	0.
165	165	176	Qm-2	0.	0.	0.
165	165	202	Qm-2	0.	0.	0.
165	165	201	Qm-2	0.	0.	0.
166	166	176	DEAD	0.	0.	0.
166	166	177	DEAD	0.	0.	0.
166	166	203	DEAD	0.	0.	0.
166	166	202	DEAD	0.	0.	0.
166	166	176	G1	0.	0.	0.
166	166	177	G1	0.	0.	0.
166	166	203	G1	0.	0.	0.
166	166	202	G1	0.	0.	0.
166	166	176	G2	0.	0.	0.
166	166	177	G2	0.	0.	0.
166	166	203	G2	0.	0.	0.
166	166	202	G2	0.	0.	0.
166	166	176	Qm	0.	0.	0.
166	166	177	Qm	0.	0.	0.
166	166	203	Qm	0.	0.	0.
166	166	202	Qm	0.	0.	0.
166	166	176	Qs	0.	0.	0.
166	166	177	Qs	0.	0.	0.
166	166	203	Qs	0.	0.	0.
166	166	202	Qs	0.	0.	0.
166	166	176	T+	-0.88526	-0.88526	-1.926E-16
166	166	177	T+	-0.88526	-0.88526	-5.418E-16
166	166	203	T+	-0.88526	-0.88526	1.479E-18
166	166	202	T+	-0.88526	-0.88526	2.307E-16
166	166	176	T-	0.88526	0.88526	1.926E-16
166	166	177	T-	0.88526	0.88526	5.418E-16
166	166	203	T-	0.88526	0.88526	-1.479E-18
166	166	202	T-	0.88526	0.88526	-2.307E-16
166	166	176	W	0.	0.	0.
166	166	177	W	0.	0.	0.
166	166	203	W	0.	0.	0.
166	166	202	W	0.	0.	0.

Table 27: Element Forces - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	F11	F22	F12
				KN/mm	KN/mm	KN/mm
166	166	176	Qm-1	0.	0.	0.
166	166	177	Qm-1	0.	0.	0.
166	166	203	Qm-1	0.	0.	0.
166	166	202	Qm-1	0.	0.	0.
166	166	176	Qm-2	0.	0.	0.
166	166	177	Qm-2	0.	0.	0.
166	166	203	Qm-2	0.	0.	0.
166	166	202	Qm-2	0.	0.	0.
167	167	177	DEAD	0.	0.	0.
167	167	178	DEAD	0.	0.	0.
167	167	204	DEAD	0.	0.	0.
167	167	203	DEAD	0.	0.	0.
167	167	177	G1	0.	0.	0.
167	167	178	G1	0.	0.	0.
167	167	204	G1	0.	0.	0.
167	167	203	G1	0.	0.	0.
167	167	177	G2	0.	0.	0.
167	167	178	G2	0.	0.	0.
167	167	204	G2	0.	0.	0.
167	167	203	G2	0.	0.	0.
167	167	177	Qm	0.	0.	0.
167	167	178	Qm	0.	0.	0.
167	167	204	Qm	0.	0.	0.
167	167	203	Qm	0.	0.	0.
167	167	177	Qs	0.	0.	0.
167	167	178	Qs	0.	0.	0.
167	167	204	Qs	0.	0.	0.
167	167	203	Qs	0.	0.	0.
167	167	177	T+	-0.88526	-0.88526	-3.443E-17
167	167	178	T+	-0.88526	-0.88526	5.846E-16
167	167	204	T+	-0.88526	-0.88526	1.891E-16
167	167	203	T+	-0.88526	-0.88526	-5.498E-16
167	167	177	T-	0.88526	0.88526	3.443E-17
167	167	178	T-	0.88526	0.88526	-5.846E-16
167	167	204	T-	0.88526	0.88526	-1.891E-16
167	167	203	T-	0.88526	0.88526	5.498E-16
167	167	177	W	0.	0.	0.
167	167	178	W	0.	0.	0.
167	167	204	W	0.	0.	0.
167	167	203	W	0.	0.	0.
167	167	177	Qm-1	0.	0.	0.
167	167	178	Qm-1	0.	0.	0.
167	167	204	Qm-1	0.	0.	0.
167	167	203	Qm-1	0.	0.	0.
167	167	177	Qm-2	0.	0.	0.
167	167	178	Qm-2	0.	0.	0.
167	167	204	Qm-2	0.	0.	0.
167	167	203	Qm-2	0.	0.	0.
168	168	178	DEAD	0.	0.	0.
168	168	179	DEAD	0.	0.	0.
168	168	205	DEAD	0.	0.	0.
168	168	204	DEAD	0.	0.	0.
168	168	178	G1	0.	0.	0.
168	168	179	G1	0.	0.	0.

Table 27: Element Forces - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	F11	F22	F12
				KN/mm	KN/mm	KN/mm
168	168	205	G1	0.	0.	0.
168	168	204	G1	0.	0.	0.
168	168	178	G2	0.	0.	0.
168	168	179	G2	0.	0.	0.
168	168	205	G2	0.	0.	0.
168	168	204	G2	0.	0.	0.
168	168	178	Qm	0.	0.	0.
168	168	179	Qm	0.	0.	0.
168	168	205	Qm	0.	0.	0.
168	168	204	Qm	0.	0.	0.
168	168	178	Qs	0.	0.	0.
168	168	179	Qs	0.	0.	0.
168	168	205	Qs	0.	0.	0.
168	168	204	Qs	0.	0.	0.
168	168	178	T+	-0.88526	-0.88526	-1.549E-16
168	168	179	T+	-0.88526	-0.88526	1.019E-15
168	168	205	T+	-0.88526	-0.88526	1.510E-16
168	168	204	T+	-0.88526	-0.88526	-9.427E-16
168	168	178	T-	0.88526	0.88526	1.549E-16
168	168	179	T-	0.88526	0.88526	-1.019E-15
168	168	205	T-	0.88526	0.88526	-1.510E-16
168	168	204	T-	0.88526	0.88526	9.427E-16
168	168	178	W	0.	0.	0.
168	168	179	W	0.	0.	0.
168	168	205	W	0.	0.	0.
168	168	204	W	0.	0.	0.
168	168	178	Qm-1	0.	0.	0.
168	168	179	Qm-1	0.	0.	0.
168	168	205	Qm-1	0.	0.	0.
168	168	204	Qm-1	0.	0.	0.
168	168	178	Qm-2	0.	0.	0.
168	168	179	Qm-2	0.	0.	0.
168	168	205	Qm-2	0.	0.	0.
168	168	204	Qm-2	0.	0.	0.
169	169	179	DEAD	0.	0.	0.
169	169	180	DEAD	0.	0.	0.
169	169	206	DEAD	0.	0.	0.
169	169	205	DEAD	0.	0.	0.
169	169	179	G1	0.	0.	0.
169	169	180	G1	0.	0.	0.
169	169	206	G1	0.	0.	0.
169	169	205	G1	0.	0.	0.
169	169	179	G2	0.	0.	0.
169	169	180	G2	0.	0.	0.
169	169	206	G2	0.	0.	0.
169	169	205	G2	0.	0.	0.
169	169	179	Qm	0.	0.	0.
169	169	180	Qm	0.	0.	0.
169	169	206	Qm	0.	0.	0.
169	169	205	Qm	0.	0.	0.
169	169	179	Qs	0.	0.	0.
169	169	180	Qs	0.	0.	0.
169	169	206	Qs	0.	0.	0.
169	169	205	Qs	0.	0.	0.

Table 27: Element Forces - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	F11	F22	F12
				KN/mm	KN/mm	KN/mm
169	169	179	T+	-0.88526	-0.88526	-2.631E-16
169	169	180	T+	-0.88526	-0.88526	1.130E-15
169	169	206	T+	-0.88526	-0.88526	-8.648E-17
169	169	205	T+	-0.88526	-0.88526	-1.479E-15
169	169	179	T-	0.88526	0.88526	2.631E-16
169	169	180	T-	0.88526	0.88526	-1.130E-15
169	169	206	T-	0.88526	0.88526	8.648E-17
169	169	205	T-	0.88526	0.88526	1.479E-15
169	169	179	W	0.	0.	0.
169	169	180	W	0.	0.	0.
169	169	206	W	0.	0.	0.
169	169	205	W	0.	0.	0.
169	169	179	Qm-1	0.	0.	0.
169	169	180	Qm-1	0.	0.	0.
169	169	206	Qm-1	0.	0.	0.
169	169	205	Qm-1	0.	0.	0.
169	169	179	Qm-2	0.	0.	0.
169	169	180	Qm-2	0.	0.	0.
169	169	206	Qm-2	0.	0.	0.
169	169	205	Qm-2	0.	0.	0.
170	170	180	DEAD	0.	0.	0.
170	170	181	DEAD	0.	0.	0.
170	170	207	DEAD	0.	0.	0.
170	170	206	DEAD	0.	0.	0.
170	170	180	G1	0.	0.	0.
170	170	181	G1	0.	0.	0.
170	170	207	G1	0.	0.	0.
170	170	206	G1	0.	0.	0.
170	170	180	G2	0.	0.	0.
170	170	181	G2	0.	0.	0.
170	170	207	G2	0.	0.	0.
170	170	206	G2	0.	0.	0.
170	170	180	Qm	0.	0.	0.
170	170	181	Qm	0.	0.	0.
170	170	207	Qm	0.	0.	0.
170	170	206	Qm	0.	0.	0.
170	170	180	Qs	0.	0.	0.
170	170	181	Qs	0.	0.	0.
170	170	207	Qs	0.	0.	0.
170	170	206	Qs	0.	0.	0.
170	170	180	T+	-0.88526	-0.88526	2.465E-17
170	170	181	T+	-0.88526	-0.88526	-1.888E-16
170	170	207	T+	-0.88526	-0.88526	9.428E-17
170	170	206	T+	-0.88526	-0.88526	1.877E-16
170	170	180	T-	0.88526	0.88526	-2.465E-17
170	170	181	T-	0.88526	0.88526	1.888E-16
170	170	207	T-	0.88526	0.88526	-9.428E-17
170	170	206	T-	0.88526	0.88526	-1.877E-16
170	170	180	W	0.	0.	0.
170	170	181	W	0.	0.	0.
170	170	207	W	0.	0.	0.
170	170	206	W	0.	0.	0.
170	170	180	Qm-1	0.	0.	0.
170	170	181	Qm-1	0.	0.	0.

Table 27: Element Forces - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	F11	F22	F12
				KN/mm	KN/mm	KN/mm
170	170	207	Qm-1	0.	0.	0.
170	170	206	Qm-1	0.	0.	0.
170	170	180	Qm-2	0.	0.	0.
170	170	181	Qm-2	0.	0.	0.
170	170	207	Qm-2	0.	0.	0.
170	170	206	Qm-2	0.	0.	0.
171	171	181	DEAD	0.	0.	0.
171	171	182	DEAD	0.	0.	0.
171	171	208	DEAD	0.	0.	0.
171	171	207	DEAD	0.	0.	0.
171	171	181	G1	0.	0.	0.
171	171	182	G1	0.	0.	0.
171	171	208	G1	0.	0.	0.
171	171	207	G1	0.	0.	0.
171	171	181	G2	0.	0.	0.
171	171	182	G2	0.	0.	0.
171	171	208	G2	0.	0.	0.
171	171	207	G2	0.	0.	0.
171	171	181	Qm	0.	0.	0.
171	171	182	Qm	0.	0.	0.
171	171	208	Qm	0.	0.	0.
171	171	207	Qm	0.	0.	0.
171	171	181	Qs	0.	0.	0.
171	171	182	Qs	0.	0.	0.
171	171	208	Qs	0.	0.	0.
171	171	207	Qs	0.	0.	0.
171	171	181	T+	-0.88526	-0.88526	1.613E-19
171	171	182	T+	-0.88526	-0.88526	-9.336E-17
171	171	208	T+	-0.88526	-0.88526	6.296E-17
171	171	207	T+	-0.88526	-0.88526	2.765E-16
171	171	181	T-	0.88526	0.88526	-1.613E-19
171	171	182	T-	0.88526	0.88526	9.336E-17
171	171	208	T-	0.88526	0.88526	-6.296E-17
171	171	207	T-	0.88526	0.88526	-2.765E-16
171	171	181	W	0.	0.	0.
171	171	182	W	0.	0.	0.
171	171	208	W	0.	0.	0.
171	171	207	W	0.	0.	0.
171	171	181	Qm-1	0.	0.	0.
171	171	182	Qm-1	0.	0.	0.
171	171	208	Qm-1	0.	0.	0.
171	171	207	Qm-1	0.	0.	0.
171	171	181	Qm-2	0.	0.	0.
171	171	182	Qm-2	0.	0.	0.
171	171	208	Qm-2	0.	0.	0.
171	171	207	Qm-2	0.	0.	0.
172	172	182	DEAD	0.	0.	0.
172	172	183	DEAD	0.	0.	0.
172	172	209	DEAD	0.	0.	0.
172	172	208	DEAD	0.	0.	0.
172	172	182	G1	0.	0.	0.
172	172	183	G1	0.	0.	0.
172	172	209	G1	0.	0.	0.
172	172	208	G1	0.	0.	0.

Table 27: Element Forces - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	F11	F22	F12
				KN/mm	KN/mm	KN/mm
172	172	182	G2	0.	0.	0.
172	172	183	G2	0.	0.	0.
172	172	209	G2	0.	0.	0.
172	172	208	G2	0.	0.	0.
172	172	182	Qm	0.	0.	0.
172	172	183	Qm	0.	0.	0.
172	172	209	Qm	0.	0.	0.
172	172	208	Qm	0.	0.	0.
172	172	182	Qs	0.	0.	0.
172	172	183	Qs	0.	0.	0.
172	172	209	Qs	0.	0.	0.
172	172	208	Qs	0.	0.	0.
172	172	182	T+	-0.88526	-0.88526	-3.866E-16
172	172	183	T+	-0.88526	-0.88526	-3.506E-16
172	172	209	T+	-0.88526	-0.88526	1.957E-16
172	172	208	T+	-0.88526	-0.88526	1.197E-16
172	172	182	T-	0.88526	0.88526	3.866E-16
172	172	183	T-	0.88526	0.88526	3.506E-16
172	172	209	T-	0.88526	0.88526	-1.957E-16
172	172	208	T-	0.88526	0.88526	-1.197E-16
172	172	182	W	0.	0.	0.
172	172	183	W	0.	0.	0.
172	172	209	W	0.	0.	0.
172	172	208	W	0.	0.	0.
172	172	182	Qm-1	0.	0.	0.
172	172	183	Qm-1	0.	0.	0.
172	172	209	Qm-1	0.	0.	0.
172	172	208	Qm-1	0.	0.	0.
172	172	182	Qm-2	0.	0.	0.
172	172	183	Qm-2	0.	0.	0.
172	172	209	Qm-2	0.	0.	0.
172	172	208	Qm-2	0.	0.	0.
173	173	183	DEAD	0.	0.	0.
173	173	184	DEAD	0.	0.	0.
173	173	210	DEAD	0.	0.	0.
173	173	209	DEAD	0.	0.	0.
173	173	183	G1	0.	0.	0.
173	173	184	G1	0.	0.	0.
173	173	210	G1	0.	0.	0.
173	173	209	G1	0.	0.	0.
173	173	183	G2	0.	0.	0.
173	173	184	G2	0.	0.	0.
173	173	210	G2	0.	0.	0.
173	173	209	G2	0.	0.	0.
173	173	183	Qm	0.	0.	0.
173	173	184	Qm	0.	0.	0.
173	173	210	Qm	0.	0.	0.
173	173	209	Qm	0.	0.	0.
173	173	183	Qs	0.	0.	0.
173	173	184	Qs	0.	0.	0.
173	173	210	Qs	0.	0.	0.
173	173	209	Qs	0.	0.	0.
173	173	183	T+	-0.88526	-0.88526	3.209E-16
173	173	184	T+	-0.88526	-0.88526	-1.368E-15

Table 27: Element Forces - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	F11	F22	F12
				KN/mm	KN/mm	KN/mm
173	173	210	T+	-0.88526	-0.88526	3.499E-17
173	173	209	T+	-0.88526	-0.88526	1.524E-15
173	173	183	T-	0.88526	0.88526	-3.209E-16
173	173	184	T-	0.88526	0.88526	1.368E-15
173	173	210	T-	0.88526	0.88526	-3.499E-17
173	173	209	T-	0.88526	0.88526	-1.524E-15
173	173	183	W	0.	0.	0.
173	173	184	W	0.	0.	0.
173	173	210	W	0.	0.	0.
173	173	209	W	0.	0.	0.
173	173	183	Qm-1	0.	0.	0.
173	173	184	Qm-1	0.	0.	0.
173	173	210	Qm-1	0.	0.	0.
173	173	209	Qm-1	0.	0.	0.
173	173	183	Qm-2	0.	0.	0.
173	173	184	Qm-2	0.	0.	0.
173	173	210	Qm-2	0.	0.	0.
173	173	209	Qm-2	0.	0.	0.
174	174	184	DEAD	0.	0.	0.
174	174	185	DEAD	0.	0.	0.
174	174	211	DEAD	0.	0.	0.
174	174	210	DEAD	0.	0.	0.
174	174	184	G1	0.	0.	0.
174	174	185	G1	0.	0.	0.
174	174	211	G1	0.	0.	0.
174	174	210	G1	0.	0.	0.
174	174	184	G2	0.	0.	0.
174	174	185	G2	0.	0.	0.
174	174	211	G2	0.	0.	0.
174	174	210	G2	0.	0.	0.
174	174	184	Qm	0.	0.	0.
174	174	185	Qm	0.	0.	0.
174	174	211	Qm	0.	0.	0.
174	174	210	Qm	0.	0.	0.
174	174	184	Qs	0.	0.	0.
174	174	185	Qs	0.	0.	0.
174	174	211	Qs	0.	0.	0.
174	174	210	Qs	0.	0.	0.
174	174	184	T+	-0.88526	-0.88526	-1.849E-16
174	174	185	T+	-0.88526	-0.88526	1.495E-15
174	174	211	T+	-0.88526	-0.88526	1.301E-16
174	174	210	T+	-0.88526	-0.88526	-1.589E-15
174	174	184	T-	0.88526	0.88526	1.849E-16
174	174	185	T-	0.88526	0.88526	-1.495E-15
174	174	211	T-	0.88526	0.88526	-1.301E-16
174	174	210	T-	0.88526	0.88526	1.589E-15
174	174	184	W	0.	0.	0.
174	174	185	W	0.	0.	0.
174	174	211	W	0.	0.	0.
174	174	210	W	0.	0.	0.
174	174	184	Qm-1	0.	0.	0.
174	174	185	Qm-1	0.	0.	0.
174	174	211	Qm-1	0.	0.	0.
174	174	210	Qm-1	0.	0.	0.

Table 27: Element Forces - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	F11	F22	F12
				KN/mm	KN/mm	KN/mm
174	174	184	Qm-2	0.	0.	0.
174	174	185	Qm-2	0.	0.	0.
174	174	211	Qm-2	0.	0.	0.
174	174	210	Qm-2	0.	0.	0.
175	175	185	DEAD	0.	0.	0.
175	175	186	DEAD	0.	0.	0.
175	175	212	DEAD	0.	0.	0.
175	175	211	DEAD	0.	0.	0.
175	175	185	G1	0.	0.	0.
175	175	186	G1	0.	0.	0.
175	175	212	G1	0.	0.	0.
175	175	211	G1	0.	0.	0.
175	175	185	G2	0.	0.	0.
175	175	186	G2	0.	0.	0.
175	175	212	G2	0.	0.	0.
175	175	211	G2	0.	0.	0.
175	175	185	Qm	0.	0.	0.
175	175	186	Qm	0.	0.	0.
175	175	212	Qm	0.	0.	0.
175	175	211	Qm	0.	0.	0.
175	175	185	Qs	0.	0.	0.
175	175	186	Qs	0.	0.	0.
175	175	212	Qs	0.	0.	0.
175	175	211	Qs	0.	0.	0.
175	175	185	T+	-0.88526	-0.88526	-2.650E-16
175	175	186	T+	-0.88526	-0.88526	7.416E-16
175	175	212	T+	-0.88526	-0.88526	9.721E-17
175	175	211	T+	-0.88526	-0.88526	-9.494E-16
175	175	185	T-	0.88526	0.88526	2.650E-16
175	175	186	T-	0.88526	0.88526	-7.416E-16
175	175	212	T-	0.88526	0.88526	-9.721E-17
175	175	211	T-	0.88526	0.88526	9.494E-16
175	175	185	W	0.	0.	0.
175	175	186	W	0.	0.	0.
175	175	212	W	0.	0.	0.
175	175	211	W	0.	0.	0.
175	175	185	Qm-1	0.	0.	0.
175	175	186	Qm-1	0.	0.	0.
175	175	212	Qm-1	0.	0.	0.
175	175	211	Qm-1	0.	0.	0.
175	175	185	Qm-2	0.	0.	0.
175	175	186	Qm-2	0.	0.	0.
175	175	212	Qm-2	0.	0.	0.
175	175	211	Qm-2	0.	0.	0.
176	176	186	DEAD	0.	0.	0.
176	176	187	DEAD	0.	0.	0.
176	176	213	DEAD	0.	0.	0.
176	176	212	DEAD	0.	0.	0.
176	176	186	G1	0.	0.	0.
176	176	187	G1	0.	0.	0.
176	176	213	G1	0.	0.	0.
176	176	212	G1	0.	0.	0.
176	176	186	G2	0.	0.	0.
176	176	187	G2	0.	0.	0.

Table 27: Element Forces - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	F11	F22	F12
				KN/mm	KN/mm	KN/mm
176	176	213	G2	0.	0.	0.
176	176	212	G2	0.	0.	0.
176	176	186	Qm	0.	0.	0.
176	176	187	Qm	0.	0.	0.
176	176	213	Qm	0.	0.	0.
176	176	212	Qm	0.	0.	0.
176	176	186	Qs	0.	0.	0.
176	176	187	Qs	0.	0.	0.
176	176	213	Qs	0.	0.	0.
176	176	212	Qs	0.	0.	0.
176	176	186	T+	-0.88526	-0.88526	-1.769E-16
176	176	187	T+	-0.88526	-0.88526	6.943E-16
176	176	213	T+	-0.88526	-0.88526	3.086E-16
176	176	212	T+	-0.88526	-0.88526	-4.826E-16
176	176	186	T-	0.88526	0.88526	1.769E-16
176	176	187	T-	0.88526	0.88526	-6.943E-16
176	176	213	T-	0.88526	0.88526	-3.086E-16
176	176	212	T-	0.88526	0.88526	4.826E-16
176	176	186	W	0.	0.	0.
176	176	187	W	0.	0.	0.
176	176	213	W	0.	0.	0.
176	176	212	W	0.	0.	0.
176	176	186	Qm-1	0.	0.	0.
176	176	187	Qm-1	0.	0.	0.
176	176	213	Qm-1	0.	0.	0.
176	176	212	Qm-1	0.	0.	0.
176	176	186	Qm-2	0.	0.	0.
176	176	187	Qm-2	0.	0.	0.
176	176	213	Qm-2	0.	0.	0.
176	176	212	Qm-2	0.	0.	0.
177	177	187	DEAD	0.	0.	0.
177	177	188	DEAD	0.	0.	0.
177	177	214	DEAD	0.	0.	0.
177	177	213	DEAD	0.	0.	0.
177	177	187	G1	0.	0.	0.
177	177	188	G1	0.	0.	0.
177	177	214	G1	0.	0.	0.
177	177	213	G1	0.	0.	0.
177	177	187	G2	0.	0.	0.
177	177	188	G2	0.	0.	0.
177	177	214	G2	0.	0.	0.
177	177	213	G2	0.	0.	0.
177	177	187	Qm	0.	0.	0.
177	177	188	Qm	0.	0.	0.
177	177	214	Qm	0.	0.	0.
177	177	213	Qm	0.	0.	0.
177	177	187	Qs	0.	0.	0.
177	177	188	Qs	0.	0.	0.
177	177	214	Qs	0.	0.	0.
177	177	213	Qs	0.	0.	0.
177	177	187	T+	-0.88526	-0.88526	8.021E-17
177	177	188	T+	-0.88526	-0.88526	-1.582E-15
177	177	214	T+	-0.88526	-0.88526	-1.396E-16
177	177	213	T+	-0.88526	-0.88526	1.523E-15

Table 27: Element Forces - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	F11	F22	F12
				KN/mm	KN/mm	KN/mm
177	177	187	T-	0.88526	0.88526	-8.021E-17
177	177	188	T-	0.88526	0.88526	1.582E-15
177	177	214	T-	0.88526	0.88526	1.396E-16
177	177	213	T-	0.88526	0.88526	-1.523E-15
177	177	187	W	0.	0.	0.
177	177	188	W	0.	0.	0.
177	177	214	W	0.	0.	0.
177	177	213	W	0.	0.	0.
177	177	187	Qm-1	0.	0.	0.
177	177	188	Qm-1	0.	0.	0.
177	177	214	Qm-1	0.	0.	0.
177	177	213	Qm-1	0.	0.	0.
177	177	187	Qm-2	0.	0.	0.
177	177	188	Qm-2	0.	0.	0.
177	177	214	Qm-2	0.	0.	0.
177	177	213	Qm-2	0.	0.	0.
178	178	189	DEAD	0.	0.	0.
178	178	190	DEAD	0.	0.	0.
178	178	216	DEAD	0.	0.	0.
178	178	215	DEAD	0.	0.	0.
178	178	189	G1	0.	0.	0.
178	178	190	G1	0.	0.	0.
178	178	216	G1	0.	0.	0.
178	178	215	G1	0.	0.	0.
178	178	189	G2	0.	0.	0.
178	178	190	G2	0.	0.	0.
178	178	216	G2	0.	0.	0.
178	178	215	G2	0.	0.	0.
178	178	189	Qm	0.	0.	0.
178	178	190	Qm	0.	0.	0.
178	178	216	Qm	0.	0.	0.
178	178	215	Qm	0.	0.	0.
178	178	189	Qs	0.	0.	0.
178	178	190	Qs	0.	0.	0.
178	178	216	Qs	0.	0.	0.
178	178	215	Qs	0.	0.	0.
178	178	189	T+	-0.88526	-0.88526	-1.054E-16
178	178	190	T+	-0.88526	-0.88526	-1.525E-16
178	178	216	T+	-0.88526	-0.88526	3.268E-16
178	178	215	T+	-0.88526	-0.88526	2.539E-16
178	178	189	T-	0.88526	0.88526	1.054E-16
178	178	190	T-	0.88526	0.88526	1.525E-16
178	178	216	T-	0.88526	0.88526	-3.268E-16
178	178	215	T-	0.88526	0.88526	-2.539E-16
178	178	189	W	0.	0.	0.
178	178	190	W	0.	0.	0.
178	178	216	W	0.	0.	0.
178	178	215	W	0.	0.	0.
178	178	189	Qm-1	0.	0.	0.
178	178	190	Qm-1	0.	0.	0.
178	178	216	Qm-1	0.	0.	0.
178	178	215	Qm-1	0.	0.	0.
178	178	189	Qm-2	0.	0.	0.
178	178	190	Qm-2	0.	0.	0.

Table 27: Element Forces - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	F11	F22	F12
				KN/mm	KN/mm	KN/mm
178	178	216	Qm-2	0.	0.	0.
178	178	215	Qm-2	0.	0.	0.
179	179	190	DEAD	0.	0.	0.
179	179	191	DEAD	0.	0.	0.
179	179	217	DEAD	0.	0.	0.
179	179	216	DEAD	0.	0.	0.
179	179	190	G1	0.	0.	0.
179	179	191	G1	0.	0.	0.
179	179	217	G1	0.	0.	0.
179	179	216	G1	0.	0.	0.
179	179	190	G2	0.	0.	0.
179	179	191	G2	0.	0.	0.
179	179	217	G2	0.	0.	0.
179	179	216	G2	0.	0.	0.
179	179	190	Qm	0.	0.	0.
179	179	191	Qm	0.	0.	0.
179	179	217	Qm	0.	0.	0.
179	179	216	Qm	0.	0.	0.
179	179	190	Qs	0.	0.	0.
179	179	191	Qs	0.	0.	0.
179	179	217	Qs	0.	0.	0.
179	179	216	Qs	0.	0.	0.
179	179	190	T+	-0.88526	-0.88526	-1.065E-16
179	179	191	T+	-0.88526	-0.88526	1.178E-16
179	179	217	T+	-0.88526	-0.88526	-6.060E-17
179	179	216	T+	-0.88526	-0.88526	-3.650E-16
179	179	190	T-	0.88526	0.88526	1.065E-16
179	179	191	T-	0.88526	0.88526	-1.178E-16
179	179	217	T-	0.88526	0.88526	6.060E-17
179	179	216	T-	0.88526	0.88526	3.650E-16
179	179	190	W	0.	0.	0.
179	179	191	W	0.	0.	0.
179	179	217	W	0.	0.	0.
179	179	216	W	0.	0.	0.
179	179	190	Qm-1	0.	0.	0.
179	179	191	Qm-1	0.	0.	0.
179	179	217	Qm-1	0.	0.	0.
179	179	216	Qm-1	0.	0.	0.
179	179	190	Qm-2	0.	0.	0.
179	179	191	Qm-2	0.	0.	0.
179	179	217	Qm-2	0.	0.	0.
179	179	216	Qm-2	0.	0.	0.
180	180	191	DEAD	0.	0.	0.
180	180	192	DEAD	0.	0.	0.
180	180	218	DEAD	0.	0.	0.
180	180	217	DEAD	0.	0.	0.
180	180	191	G1	0.	0.	0.
180	180	192	G1	0.	0.	0.
180	180	218	G1	0.	0.	0.
180	180	217	G1	0.	0.	0.
180	180	191	G2	0.	0.	0.
180	180	192	G2	0.	0.	0.
180	180	218	G2	0.	0.	0.
180	180	217	G2	0.	0.	0.

Table 27: Element Forces - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	F11	F22	F12
				KN/mm	KN/mm	KN/mm
180	180	191	Qm	0.	0.	0.
180	180	192	Qm	0.	0.	0.
180	180	218	Qm	0.	0.	0.
180	180	217	Qm	0.	0.	0.
180	180	191	Qs	0.	0.	0.
180	180	192	Qs	0.	0.	0.
180	180	218	Qs	0.	0.	0.
180	180	217	Qs	0.	0.	0.
180	180	191	T+	-0.88526	-0.88526	-6.296E-17
180	180	192	T+	-0.88526	-0.88526	-1.480E-15
180	180	218	T+	-0.88526	-0.88526	9.560E-17
180	180	217	T+	-0.88526	-0.88526	1.512E-15
180	180	191	T-	0.88526	0.88526	6.296E-17
180	180	192	T-	0.88526	0.88526	1.480E-15
180	180	218	T-	0.88526	0.88526	-9.560E-17
180	180	217	T-	0.88526	0.88526	-1.512E-15
180	180	191	W	0.	0.	0.
180	180	192	W	0.	0.	0.
180	180	218	W	0.	0.	0.
180	180	217	W	0.	0.	0.
180	180	191	Qm-1	0.	0.	0.
180	180	192	Qm-1	0.	0.	0.
180	180	218	Qm-1	0.	0.	0.
180	180	217	Qm-1	0.	0.	0.
180	180	191	Qm-2	0.	0.	0.
180	180	192	Qm-2	0.	0.	0.
180	180	218	Qm-2	0.	0.	0.
180	180	217	Qm-2	0.	0.	0.
181	181	192	DEAD	0.	0.	0.
181	181	193	DEAD	0.	0.	0.
181	181	219	DEAD	0.	0.	0.
181	181	218	DEAD	0.	0.	0.
181	181	192	G1	0.	0.	0.
181	181	193	G1	0.	0.	0.
181	181	219	G1	0.	0.	0.
181	181	218	G1	0.	0.	0.
181	181	192	G2	0.	0.	0.
181	181	193	G2	0.	0.	0.
181	181	219	G2	0.	0.	0.
181	181	218	G2	0.	0.	0.
181	181	192	Qm	0.	0.	0.
181	181	193	Qm	0.	0.	0.
181	181	219	Qm	0.	0.	0.
181	181	218	Qm	0.	0.	0.
181	181	192	Qs	0.	0.	0.
181	181	193	Qs	0.	0.	0.
181	181	219	Qs	0.	0.	0.
181	181	218	Qs	0.	0.	0.
181	181	192	T+	-0.88526	-0.88526	-4.904E-16
181	181	193	T+	-0.88526	-0.88526	-1.420E-15
181	181	219	T+	-0.88526	-0.88526	1.256E-16
181	181	218	T+	-0.88526	-0.88526	1.176E-15
181	181	192	T-	0.88526	0.88526	4.904E-16
181	181	193	T-	0.88526	0.88526	1.420E-15

Table 27: Element Forces - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	F11	F22	F12
				KN/mm	KN/mm	KN/mm
181	181	219	T-	0.88526	0.88526	-1.256E-16
181	181	218	T-	0.88526	0.88526	-1.176E-15
181	181	192	W	0.	0.	0.
181	181	193	W	0.	0.	0.
181	181	219	W	0.	0.	0.
181	181	218	W	0.	0.	0.
181	181	192	Qm-1	0.	0.	0.
181	181	193	Qm-1	0.	0.	0.
181	181	219	Qm-1	0.	0.	0.
181	181	218	Qm-1	0.	0.	0.
181	181	192	Qm-2	0.	0.	0.
181	181	193	Qm-2	0.	0.	0.
181	181	219	Qm-2	0.	0.	0.
181	181	218	Qm-2	0.	0.	0.
182	182	193	DEAD	0.	0.	0.
182	182	194	DEAD	0.	0.	0.
182	182	220	DEAD	0.	0.	0.
182	182	219	DEAD	0.	0.	0.
182	182	193	G1	0.	0.	0.
182	182	194	G1	0.	0.	0.
182	182	220	G1	0.	0.	0.
182	182	219	G1	0.	0.	0.
182	182	193	G2	0.	0.	0.
182	182	194	G2	0.	0.	0.
182	182	220	G2	0.	0.	0.
182	182	219	G2	0.	0.	0.
182	182	193	Qm	0.	0.	0.
182	182	194	Qm	0.	0.	0.
182	182	220	Qm	0.	0.	0.
182	182	219	Qm	0.	0.	0.
182	182	193	Qs	0.	0.	0.
182	182	194	Qs	0.	0.	0.
182	182	220	Qs	0.	0.	0.
182	182	219	Qs	0.	0.	0.
182	182	193	T+	-0.88526	-0.88526	-1.149E-16
182	182	194	T+	-0.88526	-0.88526	1.201E-15
182	182	220	T+	-0.88526	-0.88526	1.465E-16
182	182	219	T+	-0.88526	-0.88526	-1.129E-15
182	182	193	T-	0.88526	0.88526	1.149E-16
182	182	194	T-	0.88526	0.88526	-1.201E-15
182	182	220	T-	0.88526	0.88526	-1.465E-16
182	182	219	T-	0.88526	0.88526	1.129E-15
182	182	193	W	0.	0.	0.
182	182	194	W	0.	0.	0.
182	182	220	W	0.	0.	0.
182	182	219	W	0.	0.	0.
182	182	193	Qm-1	0.	0.	0.
182	182	194	Qm-1	0.	0.	0.
182	182	220	Qm-1	0.	0.	0.
182	182	219	Qm-1	0.	0.	0.
182	182	193	Qm-2	0.	0.	0.
182	182	194	Qm-2	0.	0.	0.
182	182	220	Qm-2	0.	0.	0.
182	182	219	Qm-2	0.	0.	0.

Table 27: Element Forces - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	F11	F22	F12
				KN/mm	KN/mm	KN/mm
183	183	194	DEAD	0.	0.	0.
183	183	195	DEAD	0.	0.	0.
183	183	221	DEAD	0.	0.	0.
183	183	220	DEAD	0.	0.	0.
183	183	194	G1	0.	0.	0.
183	183	195	G1	0.	0.	0.
183	183	221	G1	0.	0.	0.
183	183	220	G1	0.	0.	0.
183	183	194	G2	0.	0.	0.
183	183	195	G2	0.	0.	0.
183	183	221	G2	0.	0.	0.
183	183	220	G2	0.	0.	0.
183	183	194	Qm	0.	0.	0.
183	183	195	Qm	0.	0.	0.
183	183	221	Qm	0.	0.	0.
183	183	220	Qm	0.	0.	0.
183	183	194	Qs	0.	0.	0.
183	183	195	Qs	0.	0.	0.
183	183	221	Qs	0.	0.	0.
183	183	220	Qs	0.	0.	0.
183	183	194	T+	-0.88526	-0.88526	-5.430E-18
183	183	195	T+	-0.88526	-0.88526	-2.395E-16
183	183	221	T+	-0.88526	-0.88526	-2.415E-16
183	183	220	T+	-0.88526	-0.88526	7.258E-17
183	183	194	T-	0.88526	0.88526	5.430E-18
183	183	195	T-	0.88526	0.88526	2.395E-16
183	183	221	T-	0.88526	0.88526	2.415E-16
183	183	220	T-	0.88526	0.88526	-7.258E-17
183	183	194	W	0.	0.	0.
183	183	195	W	0.	0.	0.
183	183	221	W	0.	0.	0.
183	183	220	W	0.	0.	0.
183	183	194	Qm-1	0.	0.	0.
183	183	195	Qm-1	0.	0.	0.
183	183	221	Qm-1	0.	0.	0.
183	183	220	Qm-1	0.	0.	0.
183	183	194	Qm-2	0.	0.	0.
183	183	195	Qm-2	0.	0.	0.
183	183	221	Qm-2	0.	0.	0.
183	183	220	Qm-2	0.	0.	0.
184	184	195	DEAD	0.	0.	0.
184	184	196	DEAD	0.	0.	0.
184	184	222	DEAD	0.	0.	0.
184	184	221	DEAD	0.	0.	0.
184	184	195	G1	0.	0.	0.
184	184	196	G1	0.	0.	0.
184	184	222	G1	0.	0.	0.
184	184	221	G1	0.	0.	0.
184	184	195	G2	0.	0.	0.
184	184	196	G2	0.	0.	0.
184	184	222	G2	0.	0.	0.
184	184	221	G2	0.	0.	0.
184	184	195	Qm	0.	0.	0.
184	184	196	Qm	0.	0.	0.

Table 27: Element Forces - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	F11	F22	F12
				KN/mm	KN/mm	KN/mm
184	184	222	Qm	0.	0.	0.
184	184	221	Qm	0.	0.	0.
184	184	195	Qs	0.	0.	0.
184	184	196	Qs	0.	0.	0.
184	184	222	Qs	0.	0.	0.
184	184	221	Qs	0.	0.	0.
184	184	195	T+	-0.88526	-0.88526	-1.443E-16
184	184	196	T+	-0.88526	-0.88526	-1.996E-16
184	184	222	T+	-0.88526	-0.88526	1.599E-16
184	184	221	T+	-0.88526	-0.88526	2.952E-16
184	184	195	T-	0.88526	0.88526	1.443E-16
184	184	196	T-	0.88526	0.88526	1.996E-16
184	184	222	T-	0.88526	0.88526	-1.599E-16
184	184	221	T-	0.88526	0.88526	-2.952E-16
184	184	195	W	0.	0.	0.
184	184	196	W	0.	0.	0.
184	184	222	W	0.	0.	0.
184	184	221	W	0.	0.	0.
184	184	195	Qm-1	0.	0.	0.
184	184	196	Qm-1	0.	0.	0.
184	184	222	Qm-1	0.	0.	0.
184	184	221	Qm-1	0.	0.	0.
184	184	195	Qm-2	0.	0.	0.
184	184	196	Qm-2	0.	0.	0.
184	184	222	Qm-2	0.	0.	0.
184	184	221	Qm-2	0.	0.	0.
185	185	196	DEAD	0.	0.	0.
185	185	197	DEAD	0.	0.	0.
185	185	223	DEAD	0.	0.	0.
185	185	222	DEAD	0.	0.	0.
185	185	196	G1	0.	0.	0.
185	185	197	G1	0.	0.	0.
185	185	223	G1	0.	0.	0.
185	185	222	G1	0.	0.	0.
185	185	196	G2	0.	0.	0.
185	185	197	G2	0.	0.	0.
185	185	223	G2	0.	0.	0.
185	185	222	G2	0.	0.	0.
185	185	196	Qm	0.	0.	0.
185	185	197	Qm	0.	0.	0.
185	185	223	Qm	0.	0.	0.
185	185	222	Qm	0.	0.	0.
185	185	196	Qs	0.	0.	0.
185	185	197	Qs	0.	0.	0.
185	185	223	Qs	0.	0.	0.
185	185	222	Qs	0.	0.	0.
185	185	196	T+	-0.88526	-0.88526	-1.203E-16
185	185	197	T+	-0.88526	-0.88526	8.444E-16
185	185	223	T+	-0.88526	-0.88526	1.669E-17
185	185	222	T+	-0.88526	-0.88526	-8.680E-16
185	185	196	T-	0.88526	0.88526	1.203E-16
185	185	197	T-	0.88526	0.88526	-8.444E-16
185	185	223	T-	0.88526	0.88526	-1.669E-17
185	185	222	T-	0.88526	0.88526	8.680E-16

Table 27: Element Forces - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	F11	F22	F12
				KN/mm	KN/mm	KN/mm
185	185	196	W	0.	0.	0.
185	185	197	W	0.	0.	0.
185	185	223	W	0.	0.	0.
185	185	222	W	0.	0.	0.
185	185	196	Qm-1	0.	0.	0.
185	185	197	Qm-1	0.	0.	0.
185	185	223	Qm-1	0.	0.	0.
185	185	222	Qm-1	0.	0.	0.
185	185	196	Qm-2	0.	0.	0.
185	185	197	Qm-2	0.	0.	0.
185	185	223	Qm-2	0.	0.	0.
185	185	222	Qm-2	0.	0.	0.
186	186	197	DEAD	0.	0.	0.
186	186	198	DEAD	0.	0.	0.
186	186	224	DEAD	0.	0.	0.
186	186	223	DEAD	0.	0.	0.
186	186	197	G1	0.	0.	0.
186	186	198	G1	0.	0.	0.
186	186	224	G1	0.	0.	0.
186	186	223	G1	0.	0.	0.
186	186	197	G2	0.	0.	0.
186	186	198	G2	0.	0.	0.
186	186	224	G2	0.	0.	0.
186	186	223	G2	0.	0.	0.
186	186	197	Qm	0.	0.	0.
186	186	198	Qm	0.	0.	0.
186	186	224	Qm	0.	0.	0.
186	186	223	Qm	0.	0.	0.
186	186	197	Qs	0.	0.	0.
186	186	198	Qs	0.	0.	0.
186	186	224	Qs	0.	0.	0.
186	186	223	Qs	0.	0.	0.
186	186	197	T+	-0.88526	-0.88526	-7.158E-17
186	186	198	T+	-0.88526	-0.88526	1.015E-15
186	186	224	T+	-0.88526	-0.88526	2.121E-16
186	186	223	T+	-0.88526	-0.88526	-8.742E-16
186	186	197	T-	0.88526	0.88526	7.158E-17
186	186	198	T-	0.88526	0.88526	-1.015E-15
186	186	224	T-	0.88526	0.88526	-2.121E-16
186	186	223	T-	0.88526	0.88526	8.742E-16
186	186	197	W	0.	0.	0.
186	186	198	W	0.	0.	0.
186	186	224	W	0.	0.	0.
186	186	223	W	0.	0.	0.
186	186	197	Qm-1	0.	0.	0.
186	186	198	Qm-1	0.	0.	0.
186	186	224	Qm-1	0.	0.	0.
186	186	223	Qm-1	0.	0.	0.
186	186	197	Qm-2	0.	0.	0.
186	186	198	Qm-2	0.	0.	0.
186	186	224	Qm-2	0.	0.	0.
186	186	223	Qm-2	0.	0.	0.
187	187	198	DEAD	0.	0.	0.
187	187	199	DEAD	0.	0.	0.

Table 27: Element Forces - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	F11	F22	F12
				KN/mm	KN/mm	KN/mm
187	187	225	DEAD	0.	0.	0.
187	187	224	DEAD	0.	0.	0.
187	187	198	G1	0.	0.	0.
187	187	199	G1	0.	0.	0.
187	187	225	G1	0.	0.	0.
187	187	224	G1	0.	0.	0.
187	187	198	G2	0.	0.	0.
187	187	199	G2	0.	0.	0.
187	187	225	G2	0.	0.	0.
187	187	224	G2	0.	0.	0.
187	187	198	Qm	0.	0.	0.
187	187	199	Qm	0.	0.	0.
187	187	225	Qm	0.	0.	0.
187	187	224	Qm	0.	0.	0.
187	187	198	Qs	0.	0.	0.
187	187	199	Qs	0.	0.	0.
187	187	225	Qs	0.	0.	0.
187	187	224	Qs	0.	0.	0.
187	187	198	T+	-0.88526	-0.88526	6.396E-17
187	187	199	T+	-0.88526	-0.88526	-1.426E-16
187	187	225	T+	-0.88526	-0.88526	-8.398E-19
187	187	224	T+	-0.88526	-0.88526	3.257E-16
187	187	198	T-	0.88526	0.88526	-6.396E-17
187	187	199	T-	0.88526	0.88526	1.426E-16
187	187	225	T-	0.88526	0.88526	8.398E-19
187	187	224	T-	0.88526	0.88526	-3.257E-16
187	187	198	W	0.	0.	0.
187	187	199	W	0.	0.	0.
187	187	225	W	0.	0.	0.
187	187	224	W	0.	0.	0.
187	187	198	Qm-1	0.	0.	0.
187	187	199	Qm-1	0.	0.	0.
187	187	225	Qm-1	0.	0.	0.
187	187	224	Qm-1	0.	0.	0.
187	187	198	Qm-2	0.	0.	0.
187	187	199	Qm-2	0.	0.	0.
187	187	225	Qm-2	0.	0.	0.
187	187	224	Qm-2	0.	0.	0.
188	188	199	DEAD	0.	0.	0.
188	188	200	DEAD	0.	0.	0.
188	188	226	DEAD	0.	0.	0.
188	188	225	DEAD	0.	0.	0.
188	188	199	G1	0.	0.	0.
188	188	200	G1	0.	0.	0.
188	188	226	G1	0.	0.	0.
188	188	225	G1	0.	0.	0.
188	188	199	G2	0.	0.	0.
188	188	200	G2	0.	0.	0.
188	188	226	G2	0.	0.	0.
188	188	225	G2	0.	0.	0.
188	188	199	Qm	0.	0.	0.
188	188	200	Qm	0.	0.	0.
188	188	226	Qm	0.	0.	0.
188	188	225	Qm	0.	0.	0.

Table 27: Element Forces - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	F11	F22	F12
				KN/mm	KN/mm	KN/mm
188	188	199	Qs	0.	0.	0.
188	188	200	Qs	0.	0.	0.
188	188	226	Qs	0.	0.	0.
188	188	225	Qs	0.	0.	0.
188	188	199	T+	-0.88526	-0.88526	-1.762E-16
188	188	200	T+	-0.88526	-0.88526	1.754E-15
188	188	226	T+	-0.88526	-0.88526	2.590E-17
188	188	225	T+	-0.88526	-0.88526	-1.864E-15
188	188	199	T-	0.88526	0.88526	1.762E-16
188	188	200	T-	0.88526	0.88526	-1.754E-15
188	188	226	T-	0.88526	0.88526	-2.590E-17
188	188	225	T-	0.88526	0.88526	1.864E-15
188	188	199	W	0.	0.	0.
188	188	200	W	0.	0.	0.
188	188	226	W	0.	0.	0.
188	188	225	W	0.	0.	0.
188	188	199	Qm-1	0.	0.	0.
188	188	200	Qm-1	0.	0.	0.
188	188	226	Qm-1	0.	0.	0.
188	188	225	Qm-1	0.	0.	0.
188	188	199	Qm-2	0.	0.	0.
188	188	200	Qm-2	0.	0.	0.
188	188	226	Qm-2	0.	0.	0.
188	188	225	Qm-2	0.	0.	0.
189	189	200	DEAD	0.	0.	0.
189	189	201	DEAD	0.	0.	0.
189	189	227	DEAD	0.	0.	0.
189	189	226	DEAD	0.	0.	0.
189	189	200	G1	0.	0.	0.
189	189	201	G1	0.	0.	0.
189	189	227	G1	0.	0.	0.
189	189	226	G1	0.	0.	0.
189	189	200	G2	0.	0.	0.
189	189	201	G2	0.	0.	0.
189	189	227	G2	0.	0.	0.
189	189	226	G2	0.	0.	0.
189	189	200	Qm	0.	0.	0.
189	189	201	Qm	0.	0.	0.
189	189	227	Qm	0.	0.	0.
189	189	226	Qm	0.	0.	0.
189	189	200	Qs	0.	0.	0.
189	189	201	Qs	0.	0.	0.
189	189	227	Qs	0.	0.	0.
189	189	226	Qs	0.	0.	0.
189	189	200	T+	-0.88526	-0.88526	2.033E-17
189	189	201	T+	-0.88526	-0.88526	-6.386E-16
189	189	227	T+	-0.88526	-0.88526	-1.741E-16
189	189	226	T+	-0.88526	-0.88526	6.048E-16
189	189	200	T-	0.88526	0.88526	-2.033E-17
189	189	201	T-	0.88526	0.88526	6.386E-16
189	189	227	T-	0.88526	0.88526	1.741E-16
189	189	226	T-	0.88526	0.88526	-6.048E-16
189	189	200	W	0.	0.	0.
189	189	201	W	0.	0.	0.

Table 27: Element Forces - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	F11	F22	F12
				KN/mm	KN/mm	KN/mm
189	189	227	W	0.	0.	0.
189	189	226	W	0.	0.	0.
189	189	200	Qm-1	0.	0.	0.
189	189	201	Qm-1	0.	0.	0.
189	189	227	Qm-1	0.	0.	0.
189	189	226	Qm-1	0.	0.	0.
189	189	200	Qm-2	0.	0.	0.
189	189	201	Qm-2	0.	0.	0.
189	189	227	Qm-2	0.	0.	0.
189	189	226	Qm-2	0.	0.	0.
190	190	201	DEAD	0.	0.	0.
190	190	202	DEAD	0.	0.	0.
190	190	228	DEAD	0.	0.	0.
190	190	227	DEAD	0.	0.	0.
190	190	201	G1	0.	0.	0.
190	190	202	G1	0.	0.	0.
190	190	228	G1	0.	0.	0.
190	190	227	G1	0.	0.	0.
190	190	201	G2	0.	0.	0.
190	190	202	G2	0.	0.	0.
190	190	228	G2	0.	0.	0.
190	190	227	G2	0.	0.	0.
190	190	201	Qm	0.	0.	0.
190	190	202	Qm	0.	0.	0.
190	190	228	Qm	0.	0.	0.
190	190	227	Qm	0.	0.	0.
190	190	201	Qs	0.	0.	0.
190	190	202	Qs	0.	0.	0.
190	190	228	Qs	0.	0.	0.
190	190	227	Qs	0.	0.	0.
190	190	201	T+	-0.88526	-0.88526	-2.674E-17
190	190	202	T+	-0.88526	-0.88526	-1.291E-15
190	190	228	T+	-0.88526	-0.88526	1.318E-16
190	190	227	T+	-0.88526	-0.88526	1.436E-15
190	190	201	T-	0.88526	0.88526	2.674E-17
190	190	202	T-	0.88526	0.88526	1.291E-15
190	190	228	T-	0.88526	0.88526	-1.318E-16
190	190	227	T-	0.88526	0.88526	-1.436E-15
190	190	201	W	0.	0.	0.
190	190	202	W	0.	0.	0.
190	190	228	W	0.	0.	0.
190	190	227	W	0.	0.	0.
190	190	201	Qm-1	0.	0.	0.
190	190	202	Qm-1	0.	0.	0.
190	190	228	Qm-1	0.	0.	0.
190	190	227	Qm-1	0.	0.	0.
190	190	201	Qm-2	0.	0.	0.
190	190	202	Qm-2	0.	0.	0.
190	190	228	Qm-2	0.	0.	0.
190	190	227	Qm-2	0.	0.	0.
191	191	202	DEAD	0.	0.	0.
191	191	203	DEAD	0.	0.	0.
191	191	229	DEAD	0.	0.	0.
191	191	228	DEAD	0.	0.	0.

Table 27: Element Forces - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	F11	F22	F12
				KN/mm	KN/mm	KN/mm
191	191	202	G1	0.	0.	0.
191	191	203	G1	0.	0.	0.
191	191	229	G1	0.	0.	0.
191	191	228	G1	0.	0.	0.
191	191	202	G2	0.	0.	0.
191	191	203	G2	0.	0.	0.
191	191	229	G2	0.	0.	0.
191	191	228	G2	0.	0.	0.
191	191	202	Qm	0.	0.	0.
191	191	203	Qm	0.	0.	0.
191	191	229	Qm	0.	0.	0.
191	191	228	Qm	0.	0.	0.
191	191	202	Qs	0.	0.	0.
191	191	203	Qs	0.	0.	0.
191	191	229	Qs	0.	0.	0.
191	191	228	Qs	0.	0.	0.
191	191	202	T+	-0.88526	-0.88526	4.421E-17
191	191	203	T+	-0.88526	-0.88526	-2.912E-16
191	191	229	T+	-0.88526	-0.88526	-2.861E-17
191	191	228	T+	-0.88526	-0.88526	3.867E-16
191	191	202	T-	0.88526	0.88526	-4.421E-17
191	191	203	T-	0.88526	0.88526	2.912E-16
191	191	229	T-	0.88526	0.88526	2.861E-17
191	191	228	T-	0.88526	0.88526	-3.867E-16
191	191	202	W	0.	0.	0.
191	191	203	W	0.	0.	0.
191	191	229	W	0.	0.	0.
191	191	228	W	0.	0.	0.
191	191	202	Qm-1	0.	0.	0.
191	191	203	Qm-1	0.	0.	0.
191	191	229	Qm-1	0.	0.	0.
191	191	228	Qm-1	0.	0.	0.
191	191	202	Qm-2	0.	0.	0.
191	191	203	Qm-2	0.	0.	0.
191	191	229	Qm-2	0.	0.	0.
191	191	228	Qm-2	0.	0.	0.
192	192	203	DEAD	0.	0.	0.
192	192	204	DEAD	0.	0.	0.
192	192	230	DEAD	0.	0.	0.
192	192	229	DEAD	0.	0.	0.
192	192	203	G1	0.	0.	0.
192	192	204	G1	0.	0.	0.
192	192	230	G1	0.	0.	0.
192	192	229	G1	0.	0.	0.
192	192	203	G2	0.	0.	0.
192	192	204	G2	0.	0.	0.
192	192	230	G2	0.	0.	0.
192	192	229	G2	0.	0.	0.
192	192	203	Qm	0.	0.	0.
192	192	204	Qm	0.	0.	0.
192	192	230	Qm	0.	0.	0.
192	192	229	Qm	0.	0.	0.
192	192	203	Qs	0.	0.	0.
192	192	204	Qs	0.	0.	0.

Table 27: Element Forces - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	F11	F22	F12
				KN/mm	KN/mm	KN/mm
192	192	230	Qs	0.	0.	0.
192	192	229	Qs	0.	0.	0.
192	192	203	T+	-0.88526	-0.88526	-2.055E-16
192	192	204	T+	-0.88526	-0.88526	-3.807E-16
192	192	230	T+	-0.88526	-0.88526	1.093E-16
192	192	229	T+	-0.88526	-0.88526	2.445E-16
192	192	203	T-	0.88526	0.88526	2.055E-16
192	192	204	T-	0.88526	0.88526	3.807E-16
192	192	230	T-	0.88526	0.88526	-1.093E-16
192	192	229	T-	0.88526	0.88526	-2.445E-16
192	192	203	W	0.	0.	0.
192	192	204	W	0.	0.	0.
192	192	230	W	0.	0.	0.
192	192	229	W	0.	0.	0.
192	192	203	Qm-1	0.	0.	0.
192	192	204	Qm-1	0.	0.	0.
192	192	230	Qm-1	0.	0.	0.
192	192	229	Qm-1	0.	0.	0.
192	192	203	Qm-2	0.	0.	0.
192	192	204	Qm-2	0.	0.	0.
192	192	230	Qm-2	0.	0.	0.
192	192	229	Qm-2	0.	0.	0.
193	193	204	DEAD	0.	0.	0.
193	193	205	DEAD	0.	0.	0.
193	193	231	DEAD	0.	0.	0.
193	193	230	DEAD	0.	0.	0.
193	193	204	G1	0.	0.	0.
193	193	205	G1	0.	0.	0.
193	193	231	G1	0.	0.	0.
193	193	230	G1	0.	0.	0.
193	193	204	G2	0.	0.	0.
193	193	205	G2	0.	0.	0.
193	193	231	G2	0.	0.	0.
193	193	230	G2	0.	0.	0.
193	193	204	Qm	0.	0.	0.
193	193	205	Qm	0.	0.	0.
193	193	231	Qm	0.	0.	0.
193	193	230	Qm	0.	0.	0.
193	193	204	Qs	0.	0.	0.
193	193	205	Qs	0.	0.	0.
193	193	231	Qs	0.	0.	0.
193	193	230	Qs	0.	0.	0.
193	193	204	T+	-0.88526	-0.88526	1.734E-16
193	193	205	T+	-0.88526	-0.88526	-5.356E-16
193	193	231	T+	-0.88526	-0.88526	-6.871E-17
193	193	230	T+	-0.88526	-0.88526	4.803E-16
193	193	204	T-	0.88526	0.88526	-1.734E-16
193	193	205	T-	0.88526	0.88526	5.356E-16
193	193	231	T-	0.88526	0.88526	6.871E-17
193	193	230	T-	0.88526	0.88526	-4.803E-16
193	193	204	W	0.	0.	0.
193	193	205	W	0.	0.	0.
193	193	231	W	0.	0.	0.
193	193	230	W	0.	0.	0.

Table 27: Element Forces - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	F11	F22	F12
				KN/mm	KN/mm	KN/mm
193	193	204	Qm-1	0.	0.	0.
193	193	205	Qm-1	0.	0.	0.
193	193	231	Qm-1	0.	0.	0.
193	193	230	Qm-1	0.	0.	0.
193	193	204	Qm-2	0.	0.	0.
193	193	205	Qm-2	0.	0.	0.
193	193	231	Qm-2	0.	0.	0.
193	193	230	Qm-2	0.	0.	0.
194	194	205	DEAD	0.	0.	0.
194	194	206	DEAD	0.	0.	0.
194	194	232	DEAD	0.	0.	0.
194	194	231	DEAD	0.	0.	0.
194	194	205	G1	0.	0.	0.
194	194	206	G1	0.	0.	0.
194	194	232	G1	0.	0.	0.
194	194	231	G1	0.	0.	0.
194	194	205	G2	0.	0.	0.
194	194	206	G2	0.	0.	0.
194	194	232	G2	0.	0.	0.
194	194	231	G2	0.	0.	0.
194	194	205	Qm	0.	0.	0.
194	194	206	Qm	0.	0.	0.
194	194	232	Qm	0.	0.	0.
194	194	231	Qm	0.	0.	0.
194	194	205	Qs	0.	0.	0.
194	194	206	Qs	0.	0.	0.
194	194	232	Qs	0.	0.	0.
194	194	231	Qs	0.	0.	0.
194	194	205	T+	-0.88526	-0.88526	1.266E-16
194	194	206	T+	-0.88526	-0.88526	1.609E-16
194	194	232	T+	-0.88526	-0.88526	1.617E-16
194	194	231	T+	-0.88526	-0.88526	4.732E-17
194	194	205	T-	0.88526	0.88526	-1.266E-16
194	194	206	T-	0.88526	0.88526	-1.609E-16
194	194	232	T-	0.88526	0.88526	-1.617E-16
194	194	231	T-	0.88526	0.88526	-4.732E-17
194	194	205	W	0.	0.	0.
194	194	206	W	0.	0.	0.
194	194	232	W	0.	0.	0.
194	194	231	W	0.	0.	0.
194	194	205	Qm-1	0.	0.	0.
194	194	206	Qm-1	0.	0.	0.
194	194	232	Qm-1	0.	0.	0.
194	194	231	Qm-1	0.	0.	0.
194	194	205	Qm-2	0.	0.	0.
194	194	206	Qm-2	0.	0.	0.
194	194	232	Qm-2	0.	0.	0.
194	194	231	Qm-2	0.	0.	0.
195	195	206	DEAD	0.	0.	0.
195	195	207	DEAD	0.	0.	0.
195	195	233	DEAD	0.	0.	0.
195	195	232	DEAD	0.	0.	0.
195	195	206	G1	0.	0.	0.
195	195	207	G1	0.	0.	0.

Table 27: Element Forces - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	F11	F22	F12
				KN/mm	KN/mm	KN/mm
195	195	233	G1	0.	0.	0.
195	195	232	G1	0.	0.	0.
195	195	206	G2	0.	0.	0.
195	195	207	G2	0.	0.	0.
195	195	233	G2	0.	0.	0.
195	195	232	G2	0.	0.	0.
195	195	206	Qm	0.	0.	0.
195	195	207	Qm	0.	0.	0.
195	195	233	Qm	0.	0.	0.
195	195	232	Qm	0.	0.	0.
195	195	206	Qs	0.	0.	0.
195	195	207	Qs	0.	0.	0.
195	195	233	Qs	0.	0.	0.
195	195	232	Qs	0.	0.	0.
195	195	206	T+	-0.88526	-0.88526	1.316E-16
195	195	207	T+	-0.88526	-0.88526	1.210E-15
195	195	233	T+	-0.88526	-0.88526	-4.199E-18
195	195	232	T+	-0.88526	-0.88526	-1.163E-15
195	195	206	T-	0.88526	0.88526	-1.316E-16
195	195	207	T-	0.88526	0.88526	-1.210E-15
195	195	233	T-	0.88526	0.88526	4.199E-18
195	195	232	T-	0.88526	0.88526	1.163E-15
195	195	206	W	0.	0.	0.
195	195	207	W	0.	0.	0.
195	195	233	W	0.	0.	0.
195	195	232	W	0.	0.	0.
195	195	206	Qm-1	0.	0.	0.
195	195	207	Qm-1	0.	0.	0.
195	195	233	Qm-1	0.	0.	0.
195	195	232	Qm-1	0.	0.	0.
195	195	206	Qm-2	0.	0.	0.
195	195	207	Qm-2	0.	0.	0.
195	195	233	Qm-2	0.	0.	0.
195	195	232	Qm-2	0.	0.	0.
196	196	207	DEAD	0.	0.	0.
196	196	208	DEAD	0.	0.	0.
196	196	234	DEAD	0.	0.	0.
196	196	233	DEAD	0.	0.	0.
196	196	207	G1	0.	0.	0.
196	196	208	G1	0.	0.	0.
196	196	234	G1	0.	0.	0.
196	196	233	G1	0.	0.	0.
196	196	207	G2	0.	0.	0.
196	196	208	G2	0.	0.	0.
196	196	234	G2	0.	0.	0.
196	196	233	G2	0.	0.	0.
196	196	207	Qm	0.	0.	0.
196	196	208	Qm	0.	0.	0.
196	196	234	Qm	0.	0.	0.
196	196	233	Qm	0.	0.	0.
196	196	207	Qs	0.	0.	0.
196	196	208	Qs	0.	0.	0.
196	196	234	Qs	0.	0.	0.
196	196	233	Qs	0.	0.	0.

Table 27: Element Forces - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	F11	F22	F12
				KN/mm	KN/mm	KN/mm
196	196	207	T+	-0.88526	-0.88526	-1.788E-16
196	196	208	T+	-0.88526	-0.88526	1.140E-15
196	196	234	T+	-0.88526	-0.88526	2.945E-16
196	196	233	T+	-0.88526	-0.88526	-1.024E-15
196	196	207	T-	0.88526	0.88526	1.788E-16
196	196	208	T-	0.88526	0.88526	-1.140E-15
196	196	234	T-	0.88526	0.88526	-2.945E-16
196	196	233	T-	0.88526	0.88526	1.024E-15
196	196	207	W	0.	0.	0.
196	196	208	W	0.	0.	0.
196	196	234	W	0.	0.	0.
196	196	233	W	0.	0.	0.
196	196	207	Qm-1	0.	0.	0.
196	196	208	Qm-1	0.	0.	0.
196	196	234	Qm-1	0.	0.	0.
196	196	233	Qm-1	0.	0.	0.
196	196	207	Qm-2	0.	0.	0.
196	196	208	Qm-2	0.	0.	0.
196	196	234	Qm-2	0.	0.	0.
196	196	233	Qm-2	0.	0.	0.
197	197	208	DEAD	0.	0.	0.
197	197	209	DEAD	0.	0.	0.
197	197	235	DEAD	0.	0.	0.
197	197	234	DEAD	0.	0.	0.
197	197	208	G1	0.	0.	0.
197	197	209	G1	0.	0.	0.
197	197	235	G1	0.	0.	0.
197	197	234	G1	0.	0.	0.
197	197	208	G2	0.	0.	0.
197	197	209	G2	0.	0.	0.
197	197	235	G2	0.	0.	0.
197	197	234	G2	0.	0.	0.
197	197	208	Qm	0.	0.	0.
197	197	209	Qm	0.	0.	0.
197	197	235	Qm	0.	0.	0.
197	197	234	Qm	0.	0.	0.
197	197	208	Qs	0.	0.	0.
197	197	209	Qs	0.	0.	0.
197	197	235	Qs	0.	0.	0.
197	197	234	Qs	0.	0.	0.
197	197	208	T+	-0.88526	-0.88526	3.990E-16
197	197	209	T+	-0.88526	-0.88526	-9.798E-17
197	197	235	T+	-0.88526	-0.88526	-1.108E-16
197	197	234	T+	-0.88526	-0.88526	3.062E-16
197	197	208	T-	0.88526	0.88526	-3.990E-16
197	197	209	T-	0.88526	0.88526	9.798E-17
197	197	235	T-	0.88526	0.88526	1.108E-16
197	197	234	T-	0.88526	0.88526	-3.062E-16
197	197	208	W	0.	0.	0.
197	197	209	W	0.	0.	0.
197	197	235	W	0.	0.	0.
197	197	234	W	0.	0.	0.
197	197	208	Qm-1	0.	0.	0.
197	197	209	Qm-1	0.	0.	0.

Table 27: Element Forces - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	F11	F22	F12
				KN/mm	KN/mm	KN/mm
197	197	235	Qm-1	0.	0.	0.
197	197	234	Qm-1	0.	0.	0.
197	197	208	Qm-2	0.	0.	0.
197	197	209	Qm-2	0.	0.	0.
197	197	235	Qm-2	0.	0.	0.
197	197	234	Qm-2	0.	0.	0.
198	198	209	DEAD	0.	0.	0.
198	198	210	DEAD	0.	0.	0.
198	198	236	DEAD	0.	0.	0.
198	198	235	DEAD	0.	0.	0.
198	198	209	G1	0.	0.	0.
198	198	210	G1	0.	0.	0.
198	198	236	G1	0.	0.	0.
198	198	235	G1	0.	0.	0.
198	198	209	G2	0.	0.	0.
198	198	210	G2	0.	0.	0.
198	198	236	G2	0.	0.	0.
198	198	235	G2	0.	0.	0.
198	198	209	Qm	0.	0.	0.
198	198	210	Qm	0.	0.	0.
198	198	236	Qm	0.	0.	0.
198	198	235	Qm	0.	0.	0.
198	198	209	Qs	0.	0.	0.
198	198	210	Qs	0.	0.	0.
198	198	236	Qs	0.	0.	0.
198	198	235	Qs	0.	0.	0.
198	198	209	T+	-0.88526	-0.88526	-2.222E-16
198	198	210	T+	-0.88526	-0.88526	1.267E-15
198	198	236	T+	-0.88526	-0.88526	2.412E-16
198	198	235	T+	-0.88526	-0.88526	-1.288E-15
198	198	209	T-	0.88526	0.88526	2.222E-16
198	198	210	T-	0.88526	0.88526	-1.267E-15
198	198	236	T-	0.88526	0.88526	-2.412E-16
198	198	235	T-	0.88526	0.88526	1.288E-15
198	198	209	W	0.	0.	0.
198	198	210	W	0.	0.	0.
198	198	236	W	0.	0.	0.
198	198	235	W	0.	0.	0.
198	198	209	Qm-1	0.	0.	0.
198	198	210	Qm-1	0.	0.	0.
198	198	236	Qm-1	0.	0.	0.
198	198	235	Qm-1	0.	0.	0.
198	198	209	Qm-2	0.	0.	0.
198	198	210	Qm-2	0.	0.	0.
198	198	236	Qm-2	0.	0.	0.
198	198	235	Qm-2	0.	0.	0.
199	199	210	DEAD	0.	0.	0.
199	199	211	DEAD	0.	0.	0.
199	199	237	DEAD	0.	0.	0.
199	199	236	DEAD	0.	0.	0.
199	199	210	G1	0.	0.	0.
199	199	211	G1	0.	0.	0.
199	199	237	G1	0.	0.	0.
199	199	236	G1	0.	0.	0.

Table 27: Element Forces - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	F11	F22	F12
				KN/mm	KN/mm	KN/mm
199	199	210	G2	0.	0.	0.
199	199	211	G2	0.	0.	0.
199	199	237	G2	0.	0.	0.
199	199	236	G2	0.	0.	0.
199	199	210	Qm	0.	0.	0.
199	199	211	Qm	0.	0.	0.
199	199	237	Qm	0.	0.	0.
199	199	236	Qm	0.	0.	0.
199	199	210	Qs	0.	0.	0.
199	199	211	Qs	0.	0.	0.
199	199	237	Qs	0.	0.	0.
199	199	236	Qs	0.	0.	0.
199	199	210	T+	-0.88526	-0.88526	3.309E-16
199	199	211	T+	-0.88526	-0.88526	-5.112E-16
199	199	237	T+	-0.88526	-0.88526	-1.774E-16
199	199	236	T+	-0.88526	-0.88526	6.247E-16
199	199	210	T-	0.88526	0.88526	-3.309E-16
199	199	211	T-	0.88526	0.88526	5.112E-16
199	199	237	T-	0.88526	0.88526	1.774E-16
199	199	236	T-	0.88526	0.88526	-6.247E-16
199	199	210	W	0.	0.	0.
199	199	211	W	0.	0.	0.
199	199	237	W	0.	0.	0.
199	199	236	W	0.	0.	0.
199	199	210	Qm-1	0.	0.	0.
199	199	211	Qm-1	0.	0.	0.
199	199	237	Qm-1	0.	0.	0.
199	199	236	Qm-1	0.	0.	0.
199	199	210	Qm-2	0.	0.	0.
199	199	211	Qm-2	0.	0.	0.
199	199	237	Qm-2	0.	0.	0.
199	199	236	Qm-2	0.	0.	0.
200	200	211	DEAD	0.	0.	0.
200	200	212	DEAD	0.	0.	0.
200	200	238	DEAD	0.	0.	0.
200	200	237	DEAD	0.	0.	0.
200	200	211	G1	0.	0.	0.
200	200	212	G1	0.	0.	0.
200	200	238	G1	0.	0.	0.
200	200	237	G1	0.	0.	0.
200	200	211	G2	0.	0.	0.
200	200	212	G2	0.	0.	0.
200	200	238	G2	0.	0.	0.
200	200	237	G2	0.	0.	0.
200	200	211	Qm	0.	0.	0.
200	200	212	Qm	0.	0.	0.
200	200	238	Qm	0.	0.	0.
200	200	237	Qm	0.	0.	0.
200	200	211	Qs	0.	0.	0.
200	200	212	Qs	0.	0.	0.
200	200	238	Qs	0.	0.	0.
200	200	237	Qs	0.	0.	0.
200	200	211	T+	-0.88526	-0.88526	-1.799E-16
200	200	212	T+	-0.88526	-0.88526	-1.335E-15

Table 27: Element Forces - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	F11	F22	F12
				KN/mm	KN/mm	KN/mm
200	200	238	T+	-0.88526	-0.88526	1.711E-16
200	200	237	T+	-0.88526	-0.88526	1.326E-15
200	200	211	T-	0.88526	0.88526	1.799E-16
200	200	212	T-	0.88526	0.88526	1.335E-15
200	200	238	T-	0.88526	0.88526	-1.711E-16
200	200	237	T-	0.88526	0.88526	-1.326E-15
200	200	211	W	0.	0.	0.
200	200	212	W	0.	0.	0.
200	200	238	W	0.	0.	0.
200	200	237	W	0.	0.	0.
200	200	211	Qm-1	0.	0.	0.
200	200	212	Qm-1	0.	0.	0.
200	200	238	Qm-1	0.	0.	0.
200	200	237	Qm-1	0.	0.	0.
200	200	211	Qm-2	0.	0.	0.
200	200	212	Qm-2	0.	0.	0.
200	200	238	Qm-2	0.	0.	0.
200	200	237	Qm-2	0.	0.	0.
201	201	212	DEAD	0.	0.	0.
201	201	213	DEAD	0.	0.	0.
201	201	239	DEAD	0.	0.	0.
201	201	238	DEAD	0.	0.	0.
201	201	212	G1	0.	0.	0.
201	201	213	G1	0.	0.	0.
201	201	239	G1	0.	0.	0.
201	201	238	G1	0.	0.	0.
201	201	212	G2	0.	0.	0.
201	201	213	G2	0.	0.	0.
201	201	239	G2	0.	0.	0.
201	201	238	G2	0.	0.	0.
201	201	212	Qm	0.	0.	0.
201	201	213	Qm	0.	0.	0.
201	201	239	Qm	0.	0.	0.
201	201	238	Qm	0.	0.	0.
201	201	212	Qs	0.	0.	0.
201	201	213	Qs	0.	0.	0.
201	201	239	Qs	0.	0.	0.
201	201	238	Qs	0.	0.	0.
201	201	212	T+	-0.88526	-0.88526	2.252E-16
201	201	213	T+	-0.88526	-0.88526	-2.083E-16
201	201	239	T+	-0.88526	-0.88526	-1.071E-16
201	201	238	T+	-0.88526	-0.88526	3.664E-16
201	201	212	T-	0.88526	0.88526	-2.252E-16
201	201	213	T-	0.88526	0.88526	2.083E-16
201	201	239	T-	0.88526	0.88526	1.071E-16
201	201	238	T-	0.88526	0.88526	-3.664E-16
201	201	212	W	0.	0.	0.
201	201	213	W	0.	0.	0.
201	201	239	W	0.	0.	0.
201	201	238	W	0.	0.	0.
201	201	212	Qm-1	0.	0.	0.
201	201	213	Qm-1	0.	0.	0.
201	201	239	Qm-1	0.	0.	0.
201	201	238	Qm-1	0.	0.	0.

Table 27: Element Forces - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	F11	F22	F12
				KN/mm	KN/mm	KN/mm
201	201	212	Qm-2	0.	0.	0.
201	201	213	Qm-2	0.	0.	0.
201	201	239	Qm-2	0.	0.	0.
201	201	238	Qm-2	0.	0.	0.
202	202	213	DEAD	0.	0.	0.
202	202	214	DEAD	0.	0.	0.
202	202	240	DEAD	0.	0.	0.
202	202	239	DEAD	0.	0.	0.
202	202	213	G1	0.	0.	0.
202	202	214	G1	0.	0.	0.
202	202	240	G1	0.	0.	0.
202	202	239	G1	0.	0.	0.
202	202	213	G2	0.	0.	0.
202	202	214	G2	0.	0.	0.
202	202	240	G2	0.	0.	0.
202	202	239	G2	0.	0.	0.
202	202	213	Qm	0.	0.	0.
202	202	214	Qm	0.	0.	0.
202	202	240	Qm	0.	0.	0.
202	202	239	Qm	0.	0.	0.
202	202	213	Qs	0.	0.	0.
202	202	214	Qs	0.	0.	0.
202	202	240	Qs	0.	0.	0.
202	202	239	Qs	0.	0.	0.
202	202	213	T+	-0.88526	-0.88526	-4.078E-16
202	202	214	T+	-0.88526	-0.88526	-9.794E-16
202	202	240	T+	-0.88526	-0.88526	2.061E-16
202	202	239	T+	-0.88526	-0.88526	7.776E-16
202	202	213	T-	0.88526	0.88526	4.078E-16
202	202	214	T-	0.88526	0.88526	9.794E-16
202	202	240	T-	0.88526	0.88526	-2.061E-16
202	202	239	T-	0.88526	0.88526	-7.776E-16
202	202	213	W	0.	0.	0.
202	202	214	W	0.	0.	0.
202	202	240	W	0.	0.	0.
202	202	239	W	0.	0.	0.
202	202	213	Qm-1	0.	0.	0.
202	202	214	Qm-1	0.	0.	0.
202	202	240	Qm-1	0.	0.	0.
202	202	239	Qm-1	0.	0.	0.
202	202	213	Qm-2	0.	0.	0.
202	202	214	Qm-2	0.	0.	0.
202	202	240	Qm-2	0.	0.	0.
202	202	239	Qm-2	0.	0.	0.
203	203	215	DEAD	0.	0.	0.
203	203	216	DEAD	0.	0.	0.
203	203	242	DEAD	0.	0.	0.
203	203	241	DEAD	0.	0.	0.
203	203	215	G1	0.	0.	0.
203	203	216	G1	0.	0.	0.
203	203	242	G1	0.	0.	0.
203	203	241	G1	0.	0.	0.
203	203	215	G2	0.	0.	0.
203	203	216	G2	0.	0.	0.

Table 27: Element Forces - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	F11	F22	F12
				KN/mm	KN/mm	KN/mm
203	203	242	G2	0.	0.	0.
203	203	241	G2	0.	0.	0.
203	203	215	Qm	0.	0.	0.
203	203	216	Qm	0.	0.	0.
203	203	242	Qm	0.	0.	0.
203	203	241	Qm	0.	0.	0.
203	203	215	Qs	0.	0.	0.
203	203	216	Qs	0.	0.	0.
203	203	242	Qs	0.	0.	0.
203	203	241	Qs	0.	0.	0.
203	203	215	T+	-0.88526	-0.88526	-1.552E-18
203	203	216	T+	-0.88526	-0.88526	-8.453E-16
203	203	242	T+	-0.88526	-0.88526	1.324E-16
203	203	241	T+	-0.88526	-0.88526	9.362E-16
203	203	215	T-	0.88526	0.88526	1.552E-18
203	203	216	T-	0.88526	0.88526	8.453E-16
203	203	242	T-	0.88526	0.88526	-1.324E-16
203	203	241	T-	0.88526	0.88526	-9.362E-16
203	203	215	W	0.	0.	0.
203	203	216	W	0.	0.	0.
203	203	242	W	0.	0.	0.
203	203	241	W	0.	0.	0.
203	203	215	Qm-1	0.	0.	0.
203	203	216	Qm-1	0.	0.	0.
203	203	242	Qm-1	0.	0.	0.
203	203	241	Qm-1	0.	0.	0.
203	203	215	Qm-2	0.	0.	0.
203	203	216	Qm-2	0.	0.	0.
203	203	242	Qm-2	0.	0.	0.
203	203	241	Qm-2	0.	0.	0.
204	204	216	DEAD	0.	0.	0.
204	204	217	DEAD	0.	0.	0.
204	204	243	DEAD	0.	0.	0.
204	204	242	DEAD	0.	0.	0.
204	204	216	G1	0.	0.	0.
204	204	217	G1	0.	0.	0.
204	204	243	G1	0.	0.	0.
204	204	242	G1	0.	0.	0.
204	204	216	G2	0.	0.	0.
204	204	217	G2	0.	0.	0.
204	204	243	G2	0.	0.	0.
204	204	242	G2	0.	0.	0.
204	204	216	Qm	0.	0.	0.
204	204	217	Qm	0.	0.	0.
204	204	243	Qm	0.	0.	0.
204	204	242	Qm	0.	0.	0.
204	204	216	Qs	0.	0.	0.
204	204	217	Qs	0.	0.	0.
204	204	243	Qs	0.	0.	0.
204	204	242	Qs	0.	0.	0.
204	204	216	T+	-0.88526	-0.88526	-1.253E-16
204	204	217	T+	-0.88526	-0.88526	-7.348E-16
204	204	243	T+	-0.88526	-0.88526	3.970E-17
204	204	242	T+	-0.88526	-0.88526	6.092E-16

Table 27: Element Forces - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	F11	F22	F12
				KN/mm	KN/mm	KN/mm
204	204	216	T-	0.88526	0.88526	1.253E-16
204	204	217	T-	0.88526	0.88526	7.348E-16
204	204	243	T-	0.88526	0.88526	-3.970E-17
204	204	242	T-	0.88526	0.88526	-6.092E-16
204	204	216	W	0.	0.	0.
204	204	217	W	0.	0.	0.
204	204	243	W	0.	0.	0.
204	204	242	W	0.	0.	0.
204	204	216	Qm-1	0.	0.	0.
204	204	217	Qm-1	0.	0.	0.
204	204	243	Qm-1	0.	0.	0.
204	204	242	Qm-1	0.	0.	0.
204	204	216	Qm-2	0.	0.	0.
204	204	217	Qm-2	0.	0.	0.
204	204	243	Qm-2	0.	0.	0.
204	204	242	Qm-2	0.	0.	0.
205	205	217	DEAD	0.	0.	0.
205	205	218	DEAD	0.	0.	0.
205	205	244	DEAD	0.	0.	0.
205	205	243	DEAD	0.	0.	0.
205	205	217	G1	0.	0.	0.
205	205	218	G1	0.	0.	0.
205	205	244	G1	0.	0.	0.
205	205	243	G1	0.	0.	0.
205	205	217	G2	0.	0.	0.
205	205	218	G2	0.	0.	0.
205	205	244	G2	0.	0.	0.
205	205	243	G2	0.	0.	0.
205	205	217	Qm	0.	0.	0.
205	205	218	Qm	0.	0.	0.
205	205	244	Qm	0.	0.	0.
205	205	243	Qm	0.	0.	0.
205	205	217	Qs	0.	0.	0.
205	205	218	Qs	0.	0.	0.
205	205	244	Qs	0.	0.	0.
205	205	243	Qs	0.	0.	0.
205	205	217	T+	-0.88526	-0.88526	-2.414E-16
205	205	218	T+	-0.88526	-0.88526	-2.197E-15
205	205	244	T+	-0.88526	-0.88526	6.891E-17
205	205	243	T+	-0.88526	-0.88526	2.065E-15
205	205	217	T-	0.88526	0.88526	2.414E-16
205	205	218	T-	0.88526	0.88526	2.197E-15
205	205	244	T-	0.88526	0.88526	-6.891E-17
205	205	243	T-	0.88526	0.88526	-2.065E-15
205	205	217	W	0.	0.	0.
205	205	218	W	0.	0.	0.
205	205	244	W	0.	0.	0.
205	205	243	W	0.	0.	0.
205	205	217	Qm-1	0.	0.	0.
205	205	218	Qm-1	0.	0.	0.
205	205	244	Qm-1	0.	0.	0.
205	205	243	Qm-1	0.	0.	0.
205	205	217	Qm-2	0.	0.	0.
205	205	218	Qm-2	0.	0.	0.

Table 27: Element Forces - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	F11	F22	F12
				KN/mm	KN/mm	KN/mm
205	205	244	Qm-2	0.	0.	0.
205	205	243	Qm-2	0.	0.	0.
206	206	218	DEAD	0.	0.	0.
206	206	219	DEAD	0.	0.	0.
206	206	245	DEAD	0.	0.	0.
206	206	244	DEAD	0.	0.	0.
206	206	218	G1	0.	0.	0.
206	206	219	G1	0.	0.	0.
206	206	245	G1	0.	0.	0.
206	206	244	G1	0.	0.	0.
206	206	218	G2	0.	0.	0.
206	206	219	G2	0.	0.	0.
206	206	245	G2	0.	0.	0.
206	206	244	G2	0.	0.	0.
206	206	218	Qm	0.	0.	0.
206	206	219	Qm	0.	0.	0.
206	206	245	Qm	0.	0.	0.
206	206	244	Qm	0.	0.	0.
206	206	218	Qs	0.	0.	0.
206	206	219	Qs	0.	0.	0.
206	206	245	Qs	0.	0.	0.
206	206	244	Qs	0.	0.	0.
206	206	218	T+	-0.88526	-0.88526	5.428E-17
206	206	219	T+	-0.88526	-0.88526	-1.692E-15
206	206	245	T+	-0.88526	-0.88526	-1.877E-16
206	206	244	T+	-0.88526	-0.88526	1.678E-15
206	206	218	T-	0.88526	0.88526	-5.428E-17
206	206	219	T-	0.88526	0.88526	1.692E-15
206	206	245	T-	0.88526	0.88526	1.877E-16
206	206	244	T-	0.88526	0.88526	-1.678E-15
206	206	218	W	0.	0.	0.
206	206	219	W	0.	0.	0.
206	206	245	W	0.	0.	0.
206	206	244	W	0.	0.	0.
206	206	218	Qm-1	0.	0.	0.
206	206	219	Qm-1	0.	0.	0.
206	206	245	Qm-1	0.	0.	0.
206	206	244	Qm-1	0.	0.	0.
206	206	218	Qm-2	0.	0.	0.
206	206	219	Qm-2	0.	0.	0.
206	206	245	Qm-2	0.	0.	0.
206	206	244	Qm-2	0.	0.	0.
207	207	219	DEAD	0.	0.	0.
207	207	220	DEAD	0.	0.	0.
207	207	246	DEAD	0.	0.	0.
207	207	245	DEAD	0.	0.	0.
207	207	219	G1	0.	0.	0.
207	207	220	G1	0.	0.	0.
207	207	246	G1	0.	0.	0.
207	207	245	G1	0.	0.	0.
207	207	219	G2	0.	0.	0.
207	207	220	G2	0.	0.	0.
207	207	246	G2	0.	0.	0.
207	207	245	G2	0.	0.	0.

Table 27: Element Forces - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	F11	F22	F12
				KN/mm	KN/mm	KN/mm
207	207	219	Qm	0.	0.	0.
207	207	220	Qm	0.	0.	0.
207	207	246	Qm	0.	0.	0.
207	207	245	Qm	0.	0.	0.
207	207	219	Qs	0.	0.	0.
207	207	220	Qs	0.	0.	0.
207	207	246	Qs	0.	0.	0.
207	207	245	Qs	0.	0.	0.
207	207	219	T+	-0.88526	-0.88526	-1.432E-16
207	207	220	T+	-0.88526	-0.88526	-5.875E-16
207	207	246	T+	-0.88526	-0.88526	-4.787E-17
207	207	245	T+	-0.88526	-0.88526	2.764E-16
207	207	219	T-	0.88526	0.88526	1.432E-16
207	207	220	T-	0.88526	0.88526	5.875E-16
207	207	246	T-	0.88526	0.88526	4.787E-17
207	207	245	T-	0.88526	0.88526	-2.764E-16
207	207	219	W	0.	0.	0.
207	207	220	W	0.	0.	0.
207	207	246	W	0.	0.	0.
207	207	245	W	0.	0.	0.
207	207	219	Qm-1	0.	0.	0.
207	207	220	Qm-1	0.	0.	0.
207	207	246	Qm-1	0.	0.	0.
207	207	245	Qm-1	0.	0.	0.
207	207	219	Qm-2	0.	0.	0.
207	207	220	Qm-2	0.	0.	0.
207	207	246	Qm-2	0.	0.	0.
207	207	245	Qm-2	0.	0.	0.
208	208	220	DEAD	0.	0.	0.
208	208	221	DEAD	0.	0.	0.
208	208	247	DEAD	0.	0.	0.
208	208	246	DEAD	0.	0.	0.
208	208	220	G1	0.	0.	0.
208	208	221	G1	0.	0.	0.
208	208	247	G1	0.	0.	0.
208	208	246	G1	0.	0.	0.
208	208	220	G2	0.	0.	0.
208	208	221	G2	0.	0.	0.
208	208	247	G2	0.	0.	0.
208	208	246	G2	0.	0.	0.
208	208	220	Qm	0.	0.	0.
208	208	221	Qm	0.	0.	0.
208	208	247	Qm	0.	0.	0.
208	208	246	Qm	0.	0.	0.
208	208	220	Qs	0.	0.	0.
208	208	221	Qs	0.	0.	0.
208	208	247	Qs	0.	0.	0.
208	208	246	Qs	0.	0.	0.
208	208	220	T+	-0.88526	-0.88526	-1.640E-16
208	208	221	T+	-0.88526	-0.88526	3.290E-17
208	208	247	T+	-0.88526	-0.88526	1.926E-16
208	208	246	T+	-0.88526	-0.88526	-4.429E-17
208	208	220	T-	0.88526	0.88526	1.640E-16
208	208	221	T-	0.88526	0.88526	-3.290E-17

Table 27: Element Forces - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	F11	F22	F12
				KN/mm	KN/mm	KN/mm
208	208	247	T-	0.88526	0.88526	-1.926E-16
208	208	246	T-	0.88526	0.88526	4.429E-17
208	208	220	W	0.	0.	0.
208	208	221	W	0.	0.	0.
208	208	247	W	0.	0.	0.
208	208	246	W	0.	0.	0.
208	208	220	Qm-1	0.	0.	0.
208	208	221	Qm-1	0.	0.	0.
208	208	247	Qm-1	0.	0.	0.
208	208	246	Qm-1	0.	0.	0.
208	208	220	Qm-2	0.	0.	0.
208	208	221	Qm-2	0.	0.	0.
208	208	247	Qm-2	0.	0.	0.
208	208	246	Qm-2	0.	0.	0.
209	209	221	DEAD	0.	0.	0.
209	209	222	DEAD	0.	0.	0.
209	209	248	DEAD	0.	0.	0.
209	209	247	DEAD	0.	0.	0.
209	209	221	G1	0.	0.	0.
209	209	222	G1	0.	0.	0.
209	209	248	G1	0.	0.	0.
209	209	247	G1	0.	0.	0.
209	209	221	G2	0.	0.	0.
209	209	222	G2	0.	0.	0.
209	209	248	G2	0.	0.	0.
209	209	247	G2	0.	0.	0.
209	209	221	Qm	0.	0.	0.
209	209	222	Qm	0.	0.	0.
209	209	248	Qm	0.	0.	0.
209	209	247	Qm	0.	0.	0.
209	209	221	Qs	0.	0.	0.
209	209	222	Qs	0.	0.	0.
209	209	248	Qs	0.	0.	0.
209	209	247	Qs	0.	0.	0.
209	209	221	T+	-0.88526	-0.88526	5.864E-17
209	209	222	T+	-0.88526	-0.88526	-1.116E-16
209	209	248	T+	-0.88526	-0.88526	-3.004E-17
209	209	247	T+	-0.88526	-0.88526	1.002E-16
209	209	221	T-	0.88526	0.88526	-5.864E-17
209	209	222	T-	0.88526	0.88526	1.116E-16
209	209	248	T-	0.88526	0.88526	3.004E-17
209	209	247	T-	0.88526	0.88526	-1.002E-16
209	209	221	W	0.	0.	0.
209	209	222	W	0.	0.	0.
209	209	248	W	0.	0.	0.
209	209	247	W	0.	0.	0.
209	209	221	Qm-1	0.	0.	0.
209	209	222	Qm-1	0.	0.	0.
209	209	248	Qm-1	0.	0.	0.
209	209	247	Qm-1	0.	0.	0.
209	209	221	Qm-2	0.	0.	0.
209	209	222	Qm-2	0.	0.	0.
209	209	248	Qm-2	0.	0.	0.
209	209	247	Qm-2	0.	0.	0.

Table 27: Element Forces - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	F11	F22	F12
				KN/mm	KN/mm	KN/mm
210	210	222	DEAD	0.	0.	0.
210	210	223	DEAD	0.	0.	0.
210	210	249	DEAD	0.	0.	0.
210	210	248	DEAD	0.	0.	0.
210	210	222	G1	0.	0.	0.
210	210	223	G1	0.	0.	0.
210	210	249	G1	0.	0.	0.
210	210	248	G1	0.	0.	0.
210	210	222	G2	0.	0.	0.
210	210	223	G2	0.	0.	0.
210	210	249	G2	0.	0.	0.
210	210	248	G2	0.	0.	0.
210	210	222	Qm	0.	0.	0.
210	210	223	Qm	0.	0.	0.
210	210	249	Qm	0.	0.	0.
210	210	248	Qm	0.	0.	0.
210	210	222	Qs	0.	0.	0.
210	210	223	Qs	0.	0.	0.
210	210	249	Qs	0.	0.	0.
210	210	248	Qs	0.	0.	0.
210	210	222	T+	-0.88526	-0.88526	-3.555E-16
210	210	223	T+	-0.88526	-0.88526	-2.417E-16
210	210	249	T+	-0.88526	-0.88526	2.011E-16
210	210	248	T+	-0.88526	-0.88526	2.073E-16
210	210	222	T-	0.88526	0.88526	3.555E-16
210	210	223	T-	0.88526	0.88526	2.417E-16
210	210	249	T-	0.88526	0.88526	-2.011E-16
210	210	248	T-	0.88526	0.88526	-2.073E-16
210	210	222	W	0.	0.	0.
210	210	223	W	0.	0.	0.
210	210	249	W	0.	0.	0.
210	210	248	W	0.	0.	0.
210	210	222	Qm-1	0.	0.	0.
210	210	223	Qm-1	0.	0.	0.
210	210	249	Qm-1	0.	0.	0.
210	210	248	Qm-1	0.	0.	0.
210	210	222	Qm-2	0.	0.	0.
210	210	223	Qm-2	0.	0.	0.
210	210	249	Qm-2	0.	0.	0.
210	210	248	Qm-2	0.	0.	0.
211	211	223	DEAD	0.	0.	0.
211	211	224	DEAD	0.	0.	0.
211	211	250	DEAD	0.	0.	0.
211	211	249	DEAD	0.	0.	0.
211	211	223	G1	0.	0.	0.
211	211	224	G1	0.	0.	0.
211	211	250	G1	0.	0.	0.
211	211	249	G1	0.	0.	0.
211	211	223	G2	0.	0.	0.
211	211	224	G2	0.	0.	0.
211	211	250	G2	0.	0.	0.
211	211	249	G2	0.	0.	0.
211	211	223	Qm	0.	0.	0.
211	211	224	Qm	0.	0.	0.

Table 27: Element Forces - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	F11	F22	F12
				KN/mm	KN/mm	KN/mm
211	211	250	Qm	0.	0.	0.
211	211	249	Qm	0.	0.	0.
211	211	223	Qs	0.	0.	0.
211	211	224	Qs	0.	0.	0.
211	211	250	Qs	0.	0.	0.
211	211	249	Qs	0.	0.	0.
211	211	223	T+	-0.88526	-0.88526	5.252E-18
211	211	224	T+	-0.88526	-0.88526	-2.193E-16
211	211	250	T+	-0.88526	-0.88526	-3.659E-17
211	211	249	T+	-0.88526	-0.88526	2.680E-16
211	211	223	T-	0.88526	0.88526	-5.252E-18
211	211	224	T-	0.88526	0.88526	2.193E-16
211	211	250	T-	0.88526	0.88526	3.659E-17
211	211	249	T-	0.88526	0.88526	-2.680E-16
211	211	223	W	0.	0.	0.
211	211	224	W	0.	0.	0.
211	211	250	W	0.	0.	0.
211	211	249	W	0.	0.	0.
211	211	223	Qm-1	0.	0.	0.
211	211	224	Qm-1	0.	0.	0.
211	211	250	Qm-1	0.	0.	0.
211	211	249	Qm-1	0.	0.	0.
211	211	223	Qm-2	0.	0.	0.
211	211	224	Qm-2	0.	0.	0.
211	211	250	Qm-2	0.	0.	0.
211	211	249	Qm-2	0.	0.	0.
212	212	224	DEAD	0.	0.	0.
212	212	225	DEAD	0.	0.	0.
212	212	251	DEAD	0.	0.	0.
212	212	250	DEAD	0.	0.	0.
212	212	224	G1	0.	0.	0.
212	212	225	G1	0.	0.	0.
212	212	251	G1	0.	0.	0.
212	212	250	G1	0.	0.	0.
212	212	224	G2	0.	0.	0.
212	212	225	G2	0.	0.	0.
212	212	251	G2	0.	0.	0.
212	212	250	G2	0.	0.	0.
212	212	224	Qm	0.	0.	0.
212	212	225	Qm	0.	0.	0.
212	212	251	Qm	0.	0.	0.
212	212	250	Qm	0.	0.	0.
212	212	224	Qs	0.	0.	0.
212	212	225	Qs	0.	0.	0.
212	212	251	Qs	0.	0.	0.
212	212	250	Qs	0.	0.	0.
212	212	224	T+	-0.88526	-0.88526	-1.619E-16
212	212	225	T+	-0.88526	-0.88526	9.817E-19
212	212	251	T+	-0.88526	-0.88526	2.251E-16
212	212	250	T+	-0.88526	-0.88526	1.821E-16
212	212	224	T-	0.88526	0.88526	1.619E-16
212	212	225	T-	0.88526	0.88526	-9.817E-19
212	212	251	T-	0.88526	0.88526	-2.251E-16
212	212	250	T-	0.88526	0.88526	-1.821E-16

Table 27: Element Forces - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	F11	F22	F12
				KN/mm	KN/mm	KN/mm
212	212	224	W	0.	0.	0.
212	212	225	W	0.	0.	0.
212	212	251	W	0.	0.	0.
212	212	250	W	0.	0.	0.
212	212	224	Qm-1	0.	0.	0.
212	212	225	Qm-1	0.	0.	0.
212	212	251	Qm-1	0.	0.	0.
212	212	250	Qm-1	0.	0.	0.
212	212	224	Qm-2	0.	0.	0.
212	212	225	Qm-2	0.	0.	0.
212	212	251	Qm-2	0.	0.	0.
212	212	250	Qm-2	0.	0.	0.
213	213	225	DEAD	0.	0.	0.
213	213	226	DEAD	0.	0.	0.
213	213	252	DEAD	0.	0.	0.
213	213	251	DEAD	0.	0.	0.
213	213	225	G1	0.	0.	0.
213	213	226	G1	0.	0.	0.
213	213	252	G1	0.	0.	0.
213	213	251	G1	0.	0.	0.
213	213	225	G2	0.	0.	0.
213	213	226	G2	0.	0.	0.
213	213	252	G2	0.	0.	0.
213	213	251	G2	0.	0.	0.
213	213	225	Qm	0.	0.	0.
213	213	226	Qm	0.	0.	0.
213	213	252	Qm	0.	0.	0.
213	213	251	Qm	0.	0.	0.
213	213	225	Qs	0.	0.	0.
213	213	226	Qs	0.	0.	0.
213	213	252	Qs	0.	0.	0.
213	213	251	Qs	0.	0.	0.
213	213	225	T+	-0.88526	-0.88526	1.987E-16
213	213	226	T+	-0.88526	-0.88526	-5.020E-16
213	213	252	T+	-0.88526	-0.88526	-2.782E-17
213	213	251	T+	-0.88526	-0.88526	7.128E-16
213	213	225	T-	0.88526	0.88526	-1.987E-16
213	213	226	T-	0.88526	0.88526	5.020E-16
213	213	252	T-	0.88526	0.88526	2.782E-17
213	213	251	T-	0.88526	0.88526	-7.128E-16
213	213	225	W	0.	0.	0.
213	213	226	W	0.	0.	0.
213	213	252	W	0.	0.	0.
213	213	251	W	0.	0.	0.
213	213	225	Qm-1	0.	0.	0.
213	213	226	Qm-1	0.	0.	0.
213	213	252	Qm-1	0.	0.	0.
213	213	251	Qm-1	0.	0.	0.
213	213	225	Qm-2	0.	0.	0.
213	213	226	Qm-2	0.	0.	0.
213	213	252	Qm-2	0.	0.	0.
213	213	251	Qm-2	0.	0.	0.
214	214	226	DEAD	0.	0.	0.
214	214	227	DEAD	0.	0.	0.

Table 27: Element Forces - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	F11	F22	F12
				KN/mm	KN/mm	KN/mm
214	214	253	DEAD	0.	0.	0.
214	214	252	DEAD	0.	0.	0.
214	214	226	G1	0.	0.	0.
214	214	227	G1	0.	0.	0.
214	214	253	G1	0.	0.	0.
214	214	252	G1	0.	0.	0.
214	214	226	G2	0.	0.	0.
214	214	227	G2	0.	0.	0.
214	214	253	G2	0.	0.	0.
214	214	252	G2	0.	0.	0.
214	214	226	Qm	0.	0.	0.
214	214	227	Qm	0.	0.	0.
214	214	253	Qm	0.	0.	0.
214	214	252	Qm	0.	0.	0.
214	214	226	Qs	0.	0.	0.
214	214	227	Qs	0.	0.	0.
214	214	253	Qs	0.	0.	0.
214	214	252	Qs	0.	0.	0.
214	214	226	T+	-0.88526	-0.88526	-2.436E-16
214	214	227	T+	-0.88526	-0.88526	1.464E-16
214	214	253	T+	-0.88526	-0.88526	1.529E-16
214	214	252	T+	-0.88526	-0.88526	-2.771E-16
214	214	226	T-	0.88526	0.88526	2.436E-16
214	214	227	T-	0.88526	0.88526	-1.464E-16
214	214	253	T-	0.88526	0.88526	-1.529E-16
214	214	252	T-	0.88526	0.88526	2.771E-16
214	214	226	W	0.	0.	0.
214	214	227	W	0.	0.	0.
214	214	253	W	0.	0.	0.
214	214	252	W	0.	0.	0.
214	214	226	Qm-1	0.	0.	0.
214	214	227	Qm-1	0.	0.	0.
214	214	253	Qm-1	0.	0.	0.
214	214	252	Qm-1	0.	0.	0.
214	214	226	Qm-2	0.	0.	0.
214	214	227	Qm-2	0.	0.	0.
214	214	253	Qm-2	0.	0.	0.
214	214	252	Qm-2	0.	0.	0.
215	215	227	DEAD	0.	0.	0.
215	215	228	DEAD	0.	0.	0.
215	215	254	DEAD	0.	0.	0.
215	215	253	DEAD	0.	0.	0.
215	215	227	G1	0.	0.	0.
215	215	228	G1	0.	0.	0.
215	215	254	G1	0.	0.	0.
215	215	253	G1	0.	0.	0.
215	215	227	G2	0.	0.	0.
215	215	228	G2	0.	0.	0.
215	215	254	G2	0.	0.	0.
215	215	253	G2	0.	0.	0.
215	215	227	Qm	0.	0.	0.
215	215	228	Qm	0.	0.	0.
215	215	254	Qm	0.	0.	0.
215	215	253	Qm	0.	0.	0.

Table 27: Element Forces - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	F11	F22	F12
				KN/mm	KN/mm	KN/mm
215	215	227	Qs	0.	0.	0.
215	215	228	Qs	0.	0.	0.
215	215	254	Qs	0.	0.	0.
215	215	253	Qs	0.	0.	0.
215	215	227	T+	-0.88526	-0.88526	-3.265E-17
215	215	228	T+	-0.88526	-0.88526	-3.403E-16
215	215	254	T+	-0.88526	-0.88526	-2.269E-17
215	215	253	T+	-0.88526	-0.88526	2.449E-16
215	215	227	T-	0.88526	0.88526	3.265E-17
215	215	228	T-	0.88526	0.88526	3.403E-16
215	215	254	T-	0.88526	0.88526	2.269E-17
215	215	253	T-	0.88526	0.88526	-2.449E-16
215	215	227	W	0.	0.	0.
215	215	228	W	0.	0.	0.
215	215	254	W	0.	0.	0.
215	215	253	W	0.	0.	0.
215	215	227	Qm-1	0.	0.	0.
215	215	228	Qm-1	0.	0.	0.
215	215	254	Qm-1	0.	0.	0.
215	215	253	Qm-1	0.	0.	0.
215	215	227	Qm-2	0.	0.	0.
215	215	228	Qm-2	0.	0.	0.
215	215	254	Qm-2	0.	0.	0.
215	215	253	Qm-2	0.	0.	0.
216	216	228	DEAD	0.	0.	0.
216	216	229	DEAD	0.	0.	0.
216	216	255	DEAD	0.	0.	0.
216	216	254	DEAD	0.	0.	0.
216	216	228	G1	0.	0.	0.
216	216	229	G1	0.	0.	0.
216	216	255	G1	0.	0.	0.
216	216	254	G1	0.	0.	0.
216	216	228	G2	0.	0.	0.
216	216	229	G2	0.	0.	0.
216	216	255	G2	0.	0.	0.
216	216	254	G2	0.	0.	0.
216	216	228	Qm	0.	0.	0.
216	216	229	Qm	0.	0.	0.
216	216	255	Qm	0.	0.	0.
216	216	254	Qm	0.	0.	0.
216	216	228	Qs	0.	0.	0.
216	216	229	Qs	0.	0.	0.
216	216	255	Qs	0.	0.	0.
216	216	254	Qs	0.	0.	0.
216	216	228	T+	-0.88526	-0.88526	3.276E-17
216	216	229	T+	-0.88526	-0.88526	-6.423E-17
216	216	255	T+	-0.88526	-0.88526	3.036E-17
216	216	254	T+	-0.88526	-0.88526	2.473E-16
216	216	228	T-	0.88526	0.88526	-3.276E-17
216	216	229	T-	0.88526	0.88526	6.423E-17
216	216	255	T-	0.88526	0.88526	-3.036E-17
216	216	254	T-	0.88526	0.88526	-2.473E-16
216	216	228	W	0.	0.	0.
216	216	229	W	0.	0.	0.

Table 27: Element Forces - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	F11	F22	F12
				KN/mm	KN/mm	KN/mm
216	216	255	W	0.	0.	0.
216	216	254	W	0.	0.	0.
216	216	228	Qm-1	0.	0.	0.
216	216	229	Qm-1	0.	0.	0.
216	216	255	Qm-1	0.	0.	0.
216	216	254	Qm-1	0.	0.	0.
216	216	228	Qm-2	0.	0.	0.
216	216	229	Qm-2	0.	0.	0.
216	216	255	Qm-2	0.	0.	0.
216	216	254	Qm-2	0.	0.	0.
217	217	229	DEAD	0.	0.	0.
217	217	230	DEAD	0.	0.	0.
217	217	256	DEAD	0.	0.	0.
217	217	255	DEAD	0.	0.	0.
217	217	229	G1	0.	0.	0.
217	217	230	G1	0.	0.	0.
217	217	256	G1	0.	0.	0.
217	217	255	G1	0.	0.	0.
217	217	229	G2	0.	0.	0.
217	217	230	G2	0.	0.	0.
217	217	256	G2	0.	0.	0.
217	217	255	G2	0.	0.	0.
217	217	229	Qm	0.	0.	0.
217	217	230	Qm	0.	0.	0.
217	217	256	Qm	0.	0.	0.
217	217	255	Qm	0.	0.	0.
217	217	229	Qs	0.	0.	0.
217	217	230	Qs	0.	0.	0.
217	217	256	Qs	0.	0.	0.
217	217	255	Qs	0.	0.	0.
217	217	229	T+	-0.88526	-0.88526	-1.626E-16
217	217	230	T+	-0.88526	-0.88526	6.860E-16
217	217	256	T+	-0.88526	-0.88526	9.915E-17
217	217	255	T+	-0.88526	-0.88526	-7.495E-16
217	217	229	T-	0.88526	0.88526	1.626E-16
217	217	230	T-	0.88526	0.88526	-6.860E-16
217	217	256	T-	0.88526	0.88526	-9.915E-17
217	217	255	T-	0.88526	0.88526	7.495E-16
217	217	229	W	0.	0.	0.
217	217	230	W	0.	0.	0.
217	217	256	W	0.	0.	0.
217	217	255	W	0.	0.	0.
217	217	229	Qm-1	0.	0.	0.
217	217	230	Qm-1	0.	0.	0.
217	217	256	Qm-1	0.	0.	0.
217	217	255	Qm-1	0.	0.	0.
217	217	229	Qm-2	0.	0.	0.
217	217	230	Qm-2	0.	0.	0.
217	217	256	Qm-2	0.	0.	0.
217	217	255	Qm-2	0.	0.	0.
218	218	230	DEAD	0.	0.	0.
218	218	231	DEAD	0.	0.	0.
218	218	257	DEAD	0.	0.	0.
218	218	256	DEAD	0.	0.	0.

Table 27: Element Forces - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	F11	F22	F12
				KN/mm	KN/mm	KN/mm
218	218	230	G1	0.	0.	0.
218	218	231	G1	0.	0.	0.
218	218	257	G1	0.	0.	0.
218	218	256	G1	0.	0.	0.
218	218	230	G2	0.	0.	0.
218	218	231	G2	0.	0.	0.
218	218	257	G2	0.	0.	0.
218	218	256	G2	0.	0.	0.
218	218	230	Qm	0.	0.	0.
218	218	231	Qm	0.	0.	0.
218	218	257	Qm	0.	0.	0.
218	218	256	Qm	0.	0.	0.
218	218	230	Qs	0.	0.	0.
218	218	231	Qs	0.	0.	0.
218	218	257	Qs	0.	0.	0.
218	218	256	Qs	0.	0.	0.
218	218	230	T+	-0.88526	-0.88526	-3.384E-16
218	218	231	T+	-0.88526	-0.88526	1.301E-15
218	218	257	T+	-0.88526	-0.88526	2.269E-16
218	218	256	T+	-0.88526	-0.88526	-1.452E-15
218	218	230	T-	0.88526	0.88526	3.384E-16
218	218	231	T-	0.88526	0.88526	-1.301E-15
218	218	257	T-	0.88526	0.88526	-2.269E-16
218	218	256	T-	0.88526	0.88526	1.452E-15
218	218	230	W	0.	0.	0.
218	218	231	W	0.	0.	0.
218	218	257	W	0.	0.	0.
218	218	256	W	0.	0.	0.
218	218	230	Qm-1	0.	0.	0.
218	218	231	Qm-1	0.	0.	0.
218	218	257	Qm-1	0.	0.	0.
218	218	256	Qm-1	0.	0.	0.
218	218	230	Qm-2	0.	0.	0.
218	218	231	Qm-2	0.	0.	0.
218	218	257	Qm-2	0.	0.	0.
218	218	256	Qm-2	0.	0.	0.
219	219	231	DEAD	0.	0.	0.
219	219	232	DEAD	0.	0.	0.
219	219	258	DEAD	0.	0.	0.
219	219	257	DEAD	0.	0.	0.
219	219	231	G1	0.	0.	0.
219	219	232	G1	0.	0.	0.
219	219	258	G1	0.	0.	0.
219	219	257	G1	0.	0.	0.
219	219	231	G2	0.	0.	0.
219	219	232	G2	0.	0.	0.
219	219	258	G2	0.	0.	0.
219	219	257	G2	0.	0.	0.
219	219	231	Qm	0.	0.	0.
219	219	232	Qm	0.	0.	0.
219	219	258	Qm	0.	0.	0.
219	219	257	Qm	0.	0.	0.
219	219	231	Qs	0.	0.	0.
219	219	232	Qs	0.	0.	0.

Table 27: Element Forces - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	F11	F22	F12
				KN/mm	KN/mm	KN/mm
219	219	258	Qs	0.	0.	0.
219	219	257	Qs	0.	0.	0.
219	219	231	T+	-0.88526	-0.88526	-9.274E-17
219	219	232	T+	-0.88526	-0.88526	-8.248E-16
219	219	258	T+	-0.88526	-0.88526	-1.401E-16
219	219	257	T+	-0.88526	-0.88526	6.320E-16
219	219	231	T-	0.88526	0.88526	9.274E-17
219	219	232	T-	0.88526	0.88526	8.248E-16
219	219	258	T-	0.88526	0.88526	1.401E-16
219	219	257	T-	0.88526	0.88526	-6.320E-16
219	219	231	W	0.	0.	0.
219	219	232	W	0.	0.	0.
219	219	258	W	0.	0.	0.
219	219	257	W	0.	0.	0.
219	219	231	Qm-1	0.	0.	0.
219	219	232	Qm-1	0.	0.	0.
219	219	258	Qm-1	0.	0.	0.
219	219	257	Qm-1	0.	0.	0.
219	219	231	Qm-2	0.	0.	0.
219	219	232	Qm-2	0.	0.	0.
219	219	258	Qm-2	0.	0.	0.
219	219	257	Qm-2	0.	0.	0.
220	220	232	DEAD	0.	0.	0.
220	220	233	DEAD	0.	0.	0.
220	220	259	DEAD	0.	0.	0.
220	220	258	DEAD	0.	0.	0.
220	220	232	G1	0.	0.	0.
220	220	233	G1	0.	0.	0.
220	220	259	G1	0.	0.	0.
220	220	258	G1	0.	0.	0.
220	220	232	G2	0.	0.	0.
220	220	233	G2	0.	0.	0.
220	220	259	G2	0.	0.	0.
220	220	258	G2	0.	0.	0.
220	220	232	Qm	0.	0.	0.
220	220	233	Qm	0.	0.	0.
220	220	259	Qm	0.	0.	0.
220	220	258	Qm	0.	0.	0.
220	220	232	Qs	0.	0.	0.
220	220	233	Qs	0.	0.	0.
220	220	259	Qs	0.	0.	0.
220	220	258	Qs	0.	0.	0.
220	220	232	T+	-0.88526	-0.88526	-2.204E-16
220	220	233	T+	-0.88526	-0.88526	6.920E-16
220	220	259	T+	-0.88526	-0.88526	3.152E-16
220	220	258	T+	-0.88526	-0.88526	-5.172E-16
220	220	232	T-	0.88526	0.88526	2.204E-16
220	220	233	T-	0.88526	0.88526	-6.920E-16
220	220	259	T-	0.88526	0.88526	-3.152E-16
220	220	258	T-	0.88526	0.88526	5.172E-16
220	220	232	W	0.	0.	0.
220	220	233	W	0.	0.	0.
220	220	259	W	0.	0.	0.
220	220	258	W	0.	0.	0.

Table 27: Element Forces - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	F11	F22	F12
				KN/mm	KN/mm	KN/mm
220	220	232	Qm-1	0.	0.	0.
220	220	233	Qm-1	0.	0.	0.
220	220	259	Qm-1	0.	0.	0.
220	220	258	Qm-1	0.	0.	0.
220	220	232	Qm-2	0.	0.	0.
220	220	233	Qm-2	0.	0.	0.
220	220	259	Qm-2	0.	0.	0.
220	220	258	Qm-2	0.	0.	0.
221	221	233	DEAD	0.	0.	0.
221	221	234	DEAD	0.	0.	0.
221	221	260	DEAD	0.	0.	0.
221	221	259	DEAD	0.	0.	0.
221	221	233	G1	0.	0.	0.
221	221	234	G1	0.	0.	0.
221	221	260	G1	0.	0.	0.
221	221	259	G1	0.	0.	0.
221	221	233	G2	0.	0.	0.
221	221	234	G2	0.	0.	0.
221	221	260	G2	0.	0.	0.
221	221	259	G2	0.	0.	0.
221	221	233	Qm	0.	0.	0.
221	221	234	Qm	0.	0.	0.
221	221	260	Qm	0.	0.	0.
221	221	259	Qm	0.	0.	0.
221	221	233	Qs	0.	0.	0.
221	221	234	Qs	0.	0.	0.
221	221	260	Qs	0.	0.	0.
221	221	259	Qs	0.	0.	0.
221	221	233	T+	-0.88526	-0.88526	-3.468E-17
221	221	234	T+	-0.88526	-0.88526	-2.232E-15
221	221	260	T+	-0.88526	-0.88526	-3.866E-17
221	221	259	T+	-0.88526	-0.88526	2.198E-15
221	221	233	T-	0.88526	0.88526	3.468E-17
221	221	234	T-	0.88526	0.88526	2.232E-15
221	221	260	T-	0.88526	0.88526	3.866E-17
221	221	259	T-	0.88526	0.88526	-2.198E-15
221	221	233	W	0.	0.	0.
221	221	234	W	0.	0.	0.
221	221	260	W	0.	0.	0.
221	221	259	W	0.	0.	0.
221	221	233	Qm-1	0.	0.	0.
221	221	234	Qm-1	0.	0.	0.
221	221	260	Qm-1	0.	0.	0.
221	221	259	Qm-1	0.	0.	0.
221	221	233	Qm-2	0.	0.	0.
221	221	234	Qm-2	0.	0.	0.
221	221	260	Qm-2	0.	0.	0.
221	221	259	Qm-2	0.	0.	0.
222	222	234	DEAD	0.	0.	0.
222	222	235	DEAD	0.	0.	0.
222	222	261	DEAD	0.	0.	0.
222	222	260	DEAD	0.	0.	0.
222	222	234	G1	0.	0.	0.
222	222	235	G1	0.	0.	0.

Table 27: Element Forces - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	F11	F22	F12
				KN/mm	KN/mm	KN/mm
222	222	261	G1	0.	0.	0.
222	222	260	G1	0.	0.	0.
222	222	234	G2	0.	0.	0.
222	222	235	G2	0.	0.	0.
222	222	261	G2	0.	0.	0.
222	222	260	G2	0.	0.	0.
222	222	234	Qm	0.	0.	0.
222	222	235	Qm	0.	0.	0.
222	222	261	Qm	0.	0.	0.
222	222	260	Qm	0.	0.	0.
222	222	234	Qs	0.	0.	0.
222	222	235	Qs	0.	0.	0.
222	222	261	Qs	0.	0.	0.
222	222	260	Qs	0.	0.	0.
222	222	234	T+	-0.88526	-0.88526	-5.391E-17
222	222	235	T+	-0.88526	-0.88526	8.283E-17
222	222	261	T+	-0.88526	-0.88526	1.170E-16
222	222	260	T+	-0.88526	-0.88526	1.003E-16
222	222	234	T-	0.88526	0.88526	5.391E-17
222	222	235	T-	0.88526	0.88526	-8.283E-17
222	222	261	T-	0.88526	0.88526	-1.170E-16
222	222	260	T-	0.88526	0.88526	-1.003E-16
222	222	234	W	0.	0.	0.
222	222	235	W	0.	0.	0.
222	222	261	W	0.	0.	0.
222	222	260	W	0.	0.	0.
222	222	234	Qm-1	0.	0.	0.
222	222	235	Qm-1	0.	0.	0.
222	222	261	Qm-1	0.	0.	0.
222	222	260	Qm-1	0.	0.	0.
222	222	234	Qm-2	0.	0.	0.
222	222	235	Qm-2	0.	0.	0.
222	222	261	Qm-2	0.	0.	0.
222	222	260	Qm-2	0.	0.	0.
223	223	235	DEAD	0.	0.	0.
223	223	236	DEAD	0.	0.	0.
223	223	262	DEAD	0.	0.	0.
223	223	261	DEAD	0.	0.	0.
223	223	235	G1	0.	0.	0.
223	223	236	G1	0.	0.	0.
223	223	262	G1	0.	0.	0.
223	223	261	G1	0.	0.	0.
223	223	235	G2	0.	0.	0.
223	223	236	G2	0.	0.	0.
223	223	262	G2	0.	0.	0.
223	223	261	G2	0.	0.	0.
223	223	235	Qm	0.	0.	0.
223	223	236	Qm	0.	0.	0.
223	223	262	Qm	0.	0.	0.
223	223	261	Qm	0.	0.	0.
223	223	235	Qs	0.	0.	0.
223	223	236	Qs	0.	0.	0.
223	223	262	Qs	0.	0.	0.
223	223	261	Qs	0.	0.	0.

Table 27: Element Forces - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	F11	F22	F12
				KN/mm	KN/mm	KN/mm
223	223	235	T+	-0.88526	-0.88526	3.089E-17
223	223	236	T+	-0.88526	-0.88526	-6.312E-16
223	223	262	T+	-0.88526	-0.88526	3.304E-17
223	223	261	T+	-0.88526	-0.88526	7.751E-16
223	223	235	T-	0.88526	0.88526	-3.089E-17
223	223	236	T-	0.88526	0.88526	6.312E-16
223	223	262	T-	0.88526	0.88526	-3.304E-17
223	223	261	T-	0.88526	0.88526	-7.751E-16
223	223	235	W	0.	0.	0.
223	223	236	W	0.	0.	0.
223	223	262	W	0.	0.	0.
223	223	261	W	0.	0.	0.
223	223	235	Qm-1	0.	0.	0.
223	223	236	Qm-1	0.	0.	0.
223	223	262	Qm-1	0.	0.	0.
223	223	261	Qm-1	0.	0.	0.
223	223	235	Qm-2	0.	0.	0.
223	223	236	Qm-2	0.	0.	0.
223	223	262	Qm-2	0.	0.	0.
223	223	261	Qm-2	0.	0.	0.
224	224	236	DEAD	0.	0.	0.
224	224	237	DEAD	0.	0.	0.
224	224	263	DEAD	0.	0.	0.
224	224	262	DEAD	0.	0.	0.
224	224	236	G1	0.	0.	0.
224	224	237	G1	0.	0.	0.
224	224	263	G1	0.	0.	0.
224	224	262	G1	0.	0.	0.
224	224	236	G2	0.	0.	0.
224	224	237	G2	0.	0.	0.
224	224	263	G2	0.	0.	0.
224	224	262	G2	0.	0.	0.
224	224	236	Qm	0.	0.	0.
224	224	237	Qm	0.	0.	0.
224	224	263	Qm	0.	0.	0.
224	224	262	Qm	0.	0.	0.
224	224	236	Qs	0.	0.	0.
224	224	237	Qs	0.	0.	0.
224	224	263	Qs	0.	0.	0.
224	224	262	Qs	0.	0.	0.
224	224	236	T+	-0.88526	-0.88526	-3.208E-16
224	224	237	T+	-0.88526	-0.88526	-3.379E-16
224	224	263	T+	-0.88526	-0.88526	1.665E-16
224	224	262	T+	-0.88526	-0.88526	2.235E-16
224	224	236	T-	0.88526	0.88526	3.208E-16
224	224	237	T-	0.88526	0.88526	3.379E-16
224	224	263	T-	0.88526	0.88526	-1.665E-16
224	224	262	T-	0.88526	0.88526	-2.235E-16
224	224	236	W	0.	0.	0.
224	224	237	W	0.	0.	0.
224	224	263	W	0.	0.	0.
224	224	262	W	0.	0.	0.
224	224	236	Qm-1	0.	0.	0.
224	224	237	Qm-1	0.	0.	0.

Table 27: Element Forces - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	F11	F22	F12
				KN/mm	KN/mm	KN/mm
224	224	263	Qm-1	0.	0.	0.
224	224	262	Qm-1	0.	0.	0.
224	224	236	Qm-2	0.	0.	0.
224	224	237	Qm-2	0.	0.	0.
224	224	263	Qm-2	0.	0.	0.
224	224	262	Qm-2	0.	0.	0.
225	225	237	DEAD	0.	0.	0.
225	225	238	DEAD	0.	0.	0.
225	225	264	DEAD	0.	0.	0.
225	225	263	DEAD	0.	0.	0.
225	225	237	G1	0.	0.	0.
225	225	238	G1	0.	0.	0.
225	225	264	G1	0.	0.	0.
225	225	263	G1	0.	0.	0.
225	225	237	G2	0.	0.	0.
225	225	238	G2	0.	0.	0.
225	225	264	G2	0.	0.	0.
225	225	263	G2	0.	0.	0.
225	225	237	Qm	0.	0.	0.
225	225	238	Qm	0.	0.	0.
225	225	264	Qm	0.	0.	0.
225	225	263	Qm	0.	0.	0.
225	225	237	Qs	0.	0.	0.
225	225	238	Qs	0.	0.	0.
225	225	264	Qs	0.	0.	0.
225	225	263	Qs	0.	0.	0.
225	225	237	T+	-0.88526	-0.88526	-6.675E-17
225	225	238	T+	-0.88526	-0.88526	-1.869E-16
225	225	264	T+	-0.88526	-0.88526	2.733E-17
225	225	263	T+	-0.88526	-0.88526	1.074E-16
225	225	237	T-	0.88526	0.88526	6.675E-17
225	225	238	T-	0.88526	0.88526	1.869E-16
225	225	264	T-	0.88526	0.88526	-2.733E-17
225	225	263	T-	0.88526	0.88526	-1.074E-16
225	225	237	W	0.	0.	0.
225	225	238	W	0.	0.	0.
225	225	264	W	0.	0.	0.
225	225	263	W	0.	0.	0.
225	225	237	Qm-1	0.	0.	0.
225	225	238	Qm-1	0.	0.	0.
225	225	264	Qm-1	0.	0.	0.
225	225	263	Qm-1	0.	0.	0.
225	225	237	Qm-2	0.	0.	0.
225	225	238	Qm-2	0.	0.	0.
225	225	264	Qm-2	0.	0.	0.
225	225	263	Qm-2	0.	0.	0.
226	226	238	DEAD	0.	0.	0.
226	226	239	DEAD	0.	0.	0.
226	226	265	DEAD	0.	0.	0.
226	226	264	DEAD	0.	0.	0.
226	226	238	G1	0.	0.	0.
226	226	239	G1	0.	0.	0.
226	226	265	G1	0.	0.	0.
226	226	264	G1	0.	0.	0.

Table 27: Element Forces - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	F11	F22	F12
				KN/mm	KN/mm	KN/mm
226	226	238	G2	0.	0.	0.
226	226	239	G2	0.	0.	0.
226	226	265	G2	0.	0.	0.
226	226	264	G2	0.	0.	0.
226	226	238	Qm	0.	0.	0.
226	226	239	Qm	0.	0.	0.
226	226	265	Qm	0.	0.	0.
226	226	264	Qm	0.	0.	0.
226	226	238	Qs	0.	0.	0.
226	226	239	Qs	0.	0.	0.
226	226	265	Qs	0.	0.	0.
226	226	264	Qs	0.	0.	0.
226	226	238	T+	-0.88526	-0.88526	-2.455E-16
226	226	239	T+	-0.88526	-0.88526	-9.848E-16
226	226	265	T+	-0.88526	-0.88526	1.257E-16
226	226	264	T+	-0.88526	-0.88526	9.449E-16
226	226	238	T-	0.88526	0.88526	2.455E-16
226	226	239	T-	0.88526	0.88526	9.848E-16
226	226	265	T-	0.88526	0.88526	-1.257E-16
226	226	264	T-	0.88526	0.88526	-9.449E-16
226	226	238	W	0.	0.	0.
226	226	239	W	0.	0.	0.
226	226	265	W	0.	0.	0.
226	226	264	W	0.	0.	0.
226	226	238	Qm-1	0.	0.	0.
226	226	239	Qm-1	0.	0.	0.
226	226	265	Qm-1	0.	0.	0.
226	226	264	Qm-1	0.	0.	0.
226	226	238	Qm-2	0.	0.	0.
226	226	239	Qm-2	0.	0.	0.
226	226	265	Qm-2	0.	0.	0.
226	226	264	Qm-2	0.	0.	0.
227	227	239	DEAD	0.	0.	0.
227	227	240	DEAD	0.	0.	0.
227	227	266	DEAD	0.	0.	0.
227	227	265	DEAD	0.	0.	0.
227	227	239	G1	0.	0.	0.
227	227	240	G1	0.	0.	0.
227	227	266	G1	0.	0.	0.
227	227	265	G1	0.	0.	0.
227	227	239	G2	0.	0.	0.
227	227	240	G2	0.	0.	0.
227	227	266	G2	0.	0.	0.
227	227	265	G2	0.	0.	0.
227	227	239	Qm	0.	0.	0.
227	227	240	Qm	0.	0.	0.
227	227	266	Qm	0.	0.	0.
227	227	265	Qm	0.	0.	0.
227	227	239	Qs	0.	0.	0.
227	227	240	Qs	0.	0.	0.
227	227	266	Qs	0.	0.	0.
227	227	265	Qs	0.	0.	0.
227	227	239	T+	-0.88526	-0.88526	8.722E-17
227	227	240	T+	-0.88526	-0.88526	6.679E-16

Table 27: Element Forces - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	F11	F22	F12
				KN/mm	KN/mm	KN/mm
227	227	266	T+	-0.88526	-0.88526	-2.058E-16
227	227	265	T+	-0.88526	-0.88526	-8.265E-16
227	227	239	T-	0.88526	0.88526	-8.722E-17
227	227	240	T-	0.88526	0.88526	-6.679E-16
227	227	266	T-	0.88526	0.88526	2.058E-16
227	227	265	T-	0.88526	0.88526	8.265E-16
227	227	239	W	0.	0.	0.
227	227	240	W	0.	0.	0.
227	227	266	W	0.	0.	0.
227	227	265	W	0.	0.	0.
227	227	239	Qm-1	0.	0.	0.
227	227	240	Qm-1	0.	0.	0.
227	227	266	Qm-1	0.	0.	0.
227	227	265	Qm-1	0.	0.	0.
227	227	239	Qm-2	0.	0.	0.
227	227	240	Qm-2	0.	0.	0.
227	227	266	Qm-2	0.	0.	0.
227	227	265	Qm-2	0.	0.	0.
228	228	241	DEAD	0.	0.	0.
228	228	242	DEAD	0.	0.	0.
228	228	268	DEAD	0.	0.	0.
228	228	267	DEAD	0.	0.	0.
228	228	241	G1	0.	0.	0.
228	228	242	G1	0.	0.	0.
228	228	268	G1	0.	0.	0.
228	228	267	G1	0.	0.	0.
228	228	241	G2	0.	0.	0.
228	228	242	G2	0.	0.	0.
228	228	268	G2	0.	0.	0.
228	228	267	G2	0.	0.	0.
228	228	241	Qm	0.	0.	0.
228	228	242	Qm	0.	0.	0.
228	228	268	Qm	0.	0.	0.
228	228	267	Qm	0.	0.	0.
228	228	241	Qs	0.	0.	0.
228	228	242	Qs	0.	0.	0.
228	228	268	Qs	0.	0.	0.
228	228	267	Qs	0.	0.	0.
228	228	241	T+	-0.88526	-0.88526	-4.322E-17
228	228	242	T+	-0.88526	-0.88526	-1.993E-15
228	228	268	T+	-0.88526	-0.88526	1.462E-16
228	228	267	T+	-0.88526	-0.88526	2.096E-15
228	228	241	T-	0.88526	0.88526	4.322E-17
228	228	242	T-	0.88526	0.88526	1.993E-15
228	228	268	T-	0.88526	0.88526	-1.462E-16
228	228	267	T-	0.88526	0.88526	-2.096E-15
228	228	241	W	0.	0.	0.
228	228	242	W	0.	0.	0.
228	228	268	W	0.	0.	0.
228	228	267	W	0.	0.	0.
228	228	241	Qm-1	0.	0.	0.
228	228	242	Qm-1	0.	0.	0.
228	228	268	Qm-1	0.	0.	0.
228	228	267	Qm-1	0.	0.	0.

Table 27: Element Forces - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	F11	F22	F12
				KN/mm	KN/mm	KN/mm
228	228	241	Qm-2	0.	0.	0.
228	228	242	Qm-2	0.	0.	0.
228	228	268	Qm-2	0.	0.	0.
228	228	267	Qm-2	0.	0.	0.
229	229	242	DEAD	0.	0.	0.
229	229	243	DEAD	0.	0.	0.
229	229	269	DEAD	0.	0.	0.
229	229	268	DEAD	0.	0.	0.
229	229	242	G1	0.	0.	0.
229	229	243	G1	0.	0.	0.
229	229	269	G1	0.	0.	0.
229	229	268	G1	0.	0.	0.
229	229	242	G2	0.	0.	0.
229	229	243	G2	0.	0.	0.
229	229	269	G2	0.	0.	0.
229	229	268	G2	0.	0.	0.
229	229	242	Qm	0.	0.	0.
229	229	243	Qm	0.	0.	0.
229	229	269	Qm	0.	0.	0.
229	229	268	Qm	0.	0.	0.
229	229	242	Qs	0.	0.	0.
229	229	243	Qs	0.	0.	0.
229	229	269	Qs	0.	0.	0.
229	229	268	Qs	0.	0.	0.
229	229	242	T+	-0.88526	-0.88526	-1.074E-16
229	229	243	T+	-0.88526	-0.88526	-5.092E-16
229	229	269	T+	-0.88526	-0.88526	2.093E-16
229	229	268	T+	-0.88526	-0.88526	6.112E-16
229	229	242	T-	0.88526	0.88526	1.074E-16
229	229	243	T-	0.88526	0.88526	5.092E-16
229	229	269	T-	0.88526	0.88526	-2.093E-16
229	229	268	T-	0.88526	0.88526	-6.112E-16
229	229	242	W	0.	0.	0.
229	229	243	W	0.	0.	0.
229	229	269	W	0.	0.	0.
229	229	268	W	0.	0.	0.
229	229	242	Qm-1	0.	0.	0.
229	229	243	Qm-1	0.	0.	0.
229	229	269	Qm-1	0.	0.	0.
229	229	268	Qm-1	0.	0.	0.
229	229	242	Qm-2	0.	0.	0.
229	229	243	Qm-2	0.	0.	0.
229	229	269	Qm-2	0.	0.	0.
229	229	268	Qm-2	0.	0.	0.
230	230	243	DEAD	0.	0.	0.
230	230	244	DEAD	0.	0.	0.
230	230	270	DEAD	0.	0.	0.
230	230	269	DEAD	0.	0.	0.
230	230	243	G1	0.	0.	0.
230	230	244	G1	0.	0.	0.
230	230	270	G1	0.	0.	0.
230	230	269	G1	0.	0.	0.
230	230	243	G2	0.	0.	0.
230	230	244	G2	0.	0.	0.

Table 27: Element Forces - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	F11	F22	F12
				KN/mm	KN/mm	KN/mm
230	230	270	G2	0.	0.	0.
230	230	269	G2	0.	0.	0.
230	230	243	Qm	0.	0.	0.
230	230	244	Qm	0.	0.	0.
230	230	270	Qm	0.	0.	0.
230	230	269	Qm	0.	0.	0.
230	230	243	Qs	0.	0.	0.
230	230	244	Qs	0.	0.	0.
230	230	270	Qs	0.	0.	0.
230	230	269	Qs	0.	0.	0.
230	230	243	T+	-0.88526	-0.88526	-1.400E-18
230	230	244	T+	-0.88526	-0.88526	-1.167E-15
230	230	270	T+	-0.88526	-0.88526	2.458E-17
230	230	269	T+	-0.88526	-0.88526	1.190E-15
230	230	243	T-	0.88526	0.88526	1.400E-18
230	230	244	T-	0.88526	0.88526	1.167E-15
230	230	270	T-	0.88526	0.88526	-2.458E-17
230	230	269	T-	0.88526	0.88526	-1.190E-15
230	230	243	W	0.	0.	0.
230	230	244	W	0.	0.	0.
230	230	270	W	0.	0.	0.
230	230	269	W	0.	0.	0.
230	230	243	Qm-1	0.	0.	0.
230	230	244	Qm-1	0.	0.	0.
230	230	270	Qm-1	0.	0.	0.
230	230	269	Qm-1	0.	0.	0.
230	230	243	Qm-2	0.	0.	0.
230	230	244	Qm-2	0.	0.	0.
230	230	270	Qm-2	0.	0.	0.
230	230	269	Qm-2	0.	0.	0.
231	231	244	DEAD	0.	0.	0.
231	231	245	DEAD	0.	0.	0.
231	231	271	DEAD	0.	0.	0.
231	231	270	DEAD	0.	0.	0.
231	231	244	G1	0.	0.	0.
231	231	245	G1	0.	0.	0.
231	231	271	G1	0.	0.	0.
231	231	270	G1	0.	0.	0.
231	231	244	G2	0.	0.	0.
231	231	245	G2	0.	0.	0.
231	231	271	G2	0.	0.	0.
231	231	270	G2	0.	0.	0.
231	231	244	Qm	0.	0.	0.
231	231	245	Qm	0.	0.	0.
231	231	271	Qm	0.	0.	0.
231	231	270	Qm	0.	0.	0.
231	231	244	Qs	0.	0.	0.
231	231	245	Qs	0.	0.	0.
231	231	271	Qs	0.	0.	0.
231	231	270	Qs	0.	0.	0.
231	231	244	T+	-0.88526	-0.88526	-6.483E-17
231	231	245	T+	-0.88526	-0.88526	-4.528E-16
231	231	271	T+	-0.88526	-0.88526	2.158E-16
231	231	270	T+	-0.88526	-0.88526	5.238E-16

Table 27: Element Forces - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	F11	F22	F12
				KN/mm	KN/mm	KN/mm
231	231	244	T-	0.88526	0.88526	6.483E-17
231	231	245	T-	0.88526	0.88526	4.528E-16
231	231	271	T-	0.88526	0.88526	-2.158E-16
231	231	270	T-	0.88526	0.88526	-5.238E-16
231	231	244	W	0.	0.	0.
231	231	245	W	0.	0.	0.
231	231	271	W	0.	0.	0.
231	231	270	W	0.	0.	0.
231	231	244	Qm-1	0.	0.	0.
231	231	245	Qm-1	0.	0.	0.
231	231	271	Qm-1	0.	0.	0.
231	231	270	Qm-1	0.	0.	0.
231	231	244	Qm-2	0.	0.	0.
231	231	245	Qm-2	0.	0.	0.
231	231	271	Qm-2	0.	0.	0.
231	231	270	Qm-2	0.	0.	0.
232	232	245	DEAD	0.	0.	0.
232	232	246	DEAD	0.	0.	0.
232	232	272	DEAD	0.	0.	0.
232	232	271	DEAD	0.	0.	0.
232	232	245	G1	0.	0.	0.
232	232	246	G1	0.	0.	0.
232	232	272	G1	0.	0.	0.
232	232	271	G1	0.	0.	0.
232	232	245	G2	0.	0.	0.
232	232	246	G2	0.	0.	0.
232	232	272	G2	0.	0.	0.
232	232	271	G2	0.	0.	0.
232	232	245	Qm	0.	0.	0.
232	232	246	Qm	0.	0.	0.
232	232	272	Qm	0.	0.	0.
232	232	271	Qm	0.	0.	0.
232	232	245	Qs	0.	0.	0.
232	232	246	Qs	0.	0.	0.
232	232	272	Qs	0.	0.	0.
232	232	271	Qs	0.	0.	0.
232	232	245	T+	-0.88526	-0.88526	4.548E-17
232	232	246	T+	-0.88526	-0.88526	7.470E-16
232	232	272	T+	-0.88526	-0.88526	-3.331E-17
232	232	271	T+	-0.88526	-0.88526	-7.348E-16
232	232	245	T-	0.88526	0.88526	-4.548E-17
232	232	246	T-	0.88526	0.88526	-7.470E-16
232	232	272	T-	0.88526	0.88526	3.331E-17
232	232	271	T-	0.88526	0.88526	7.348E-16
232	232	245	W	0.	0.	0.
232	232	246	W	0.	0.	0.
232	232	272	W	0.	0.	0.
232	232	271	W	0.	0.	0.
232	232	245	Qm-1	0.	0.	0.
232	232	246	Qm-1	0.	0.	0.
232	232	272	Qm-1	0.	0.	0.
232	232	271	Qm-1	0.	0.	0.
232	232	245	Qm-2	0.	0.	0.
232	232	246	Qm-2	0.	0.	0.

Table 27: Element Forces - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	F11	F22	F12
				KN/mm	KN/mm	KN/mm
232	232	272	Qm-2	0.	0.	0.
232	232	271	Qm-2	0.	0.	0.
233	233	246	DEAD	0.	0.	0.
233	233	247	DEAD	0.	0.	0.
233	233	273	DEAD	0.	0.	0.
233	233	272	DEAD	0.	0.	0.
233	233	246	G1	0.	0.	0.
233	233	247	G1	0.	0.	0.
233	233	273	G1	0.	0.	0.
233	233	272	G1	0.	0.	0.
233	233	246	G2	0.	0.	0.
233	233	247	G2	0.	0.	0.
233	233	273	G2	0.	0.	0.
233	233	272	G2	0.	0.	0.
233	233	246	Qm	0.	0.	0.
233	233	247	Qm	0.	0.	0.
233	233	273	Qm	0.	0.	0.
233	233	272	Qm	0.	0.	0.
233	233	246	Qs	0.	0.	0.
233	233	247	Qs	0.	0.	0.
233	233	273	Qs	0.	0.	0.
233	233	272	Qs	0.	0.	0.
233	233	246	T+	-0.88526	-0.88526	-1.021E-16
233	233	247	T+	-0.88526	-0.88526	-3.798E-17
233	233	273	T+	-0.88526	-0.88526	7.870E-17
233	233	272	T+	-0.88526	-0.88526	9.457E-17
233	233	246	T-	0.88526	0.88526	1.021E-16
233	233	247	T-	0.88526	0.88526	3.798E-17
233	233	273	T-	0.88526	0.88526	-7.870E-17
233	233	272	T-	0.88526	0.88526	-9.457E-17
233	233	246	W	0.	0.	0.
233	233	247	W	0.	0.	0.
233	233	273	W	0.	0.	0.
233	233	272	W	0.	0.	0.
233	233	246	Qm-1	0.	0.	0.
233	233	247	Qm-1	0.	0.	0.
233	233	273	Qm-1	0.	0.	0.
233	233	272	Qm-1	0.	0.	0.
233	233	246	Qm-2	0.	0.	0.
233	233	247	Qm-2	0.	0.	0.
233	233	273	Qm-2	0.	0.	0.
233	233	272	Qm-2	0.	0.	0.
234	234	247	DEAD	0.	0.	0.
234	234	248	DEAD	0.	0.	0.
234	234	274	DEAD	0.	0.	0.
234	234	273	DEAD	0.	0.	0.
234	234	247	G1	0.	0.	0.
234	234	248	G1	0.	0.	0.
234	234	274	G1	0.	0.	0.
234	234	273	G1	0.	0.	0.
234	234	247	G2	0.	0.	0.
234	234	248	G2	0.	0.	0.
234	234	274	G2	0.	0.	0.
234	234	273	G2	0.	0.	0.

Table 27: Element Forces - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	F11	F22	F12
				KN/mm	KN/mm	KN/mm
234	234	247	Qm	0.	0.	0.
234	234	248	Qm	0.	0.	0.
234	234	274	Qm	0.	0.	0.
234	234	273	Qm	0.	0.	0.
234	234	247	Qs	0.	0.	0.
234	234	248	Qs	0.	0.	0.
234	234	274	Qs	0.	0.	0.
234	234	273	Qs	0.	0.	0.
234	234	247	T+	-0.88526	-0.88526	-1.213E-16
234	234	248	T+	-0.88526	-0.88526	8.075E-16
234	234	274	T+	-0.88526	-0.88526	1.539E-16
234	234	273	T+	-0.88526	-0.88526	-8.149E-16
234	234	247	T-	0.88526	0.88526	1.213E-16
234	234	248	T-	0.88526	0.88526	-8.075E-16
234	234	274	T-	0.88526	0.88526	-1.539E-16
234	234	273	T-	0.88526	0.88526	8.149E-16
234	234	247	W	0.	0.	0.
234	234	248	W	0.	0.	0.
234	234	274	W	0.	0.	0.
234	234	273	W	0.	0.	0.
234	234	247	Qm-1	0.	0.	0.
234	234	248	Qm-1	0.	0.	0.
234	234	274	Qm-1	0.	0.	0.
234	234	273	Qm-1	0.	0.	0.
234	234	247	Qm-2	0.	0.	0.
234	234	248	Qm-2	0.	0.	0.
234	234	274	Qm-2	0.	0.	0.
234	234	273	Qm-2	0.	0.	0.
235	235	248	DEAD	0.	0.	0.
235	235	249	DEAD	0.	0.	0.
235	235	275	DEAD	0.	0.	0.
235	235	274	DEAD	0.	0.	0.
235	235	248	G1	0.	0.	0.
235	235	249	G1	0.	0.	0.
235	235	275	G1	0.	0.	0.
235	235	274	G1	0.	0.	0.
235	235	248	G2	0.	0.	0.
235	235	249	G2	0.	0.	0.
235	235	275	G2	0.	0.	0.
235	235	274	G2	0.	0.	0.
235	235	248	Qm	0.	0.	0.
235	235	249	Qm	0.	0.	0.
235	235	275	Qm	0.	0.	0.
235	235	274	Qm	0.	0.	0.
235	235	248	Qs	0.	0.	0.
235	235	249	Qs	0.	0.	0.
235	235	275	Qs	0.	0.	0.
235	235	274	Qs	0.	0.	0.
235	235	248	T+	-0.88526	-0.88526	8.702E-17
235	235	249	T+	-0.88526	-0.88526	7.160E-16
235	235	275	T+	-0.88526	-0.88526	-1.098E-16
235	235	274	T+	-0.88526	-0.88526	-5.788E-16
235	235	248	T-	0.88526	0.88526	-8.702E-17
235	235	249	T-	0.88526	0.88526	-7.160E-16

Table 27: Element Forces - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	F11	F22	F12
				KN/mm	KN/mm	KN/mm
235	235	275	T-	0.88526	0.88526	1.098E-16
235	235	274	T-	0.88526	0.88526	5.788E-16
235	235	248	W	0.	0.	0.
235	235	249	W	0.	0.	0.
235	235	275	W	0.	0.	0.
235	235	274	W	0.	0.	0.
235	235	248	Qm-1	0.	0.	0.
235	235	249	Qm-1	0.	0.	0.
235	235	275	Qm-1	0.	0.	0.
235	235	274	Qm-1	0.	0.	0.
235	235	248	Qm-2	0.	0.	0.
235	235	249	Qm-2	0.	0.	0.
235	235	275	Qm-2	0.	0.	0.
235	235	274	Qm-2	0.	0.	0.
236	236	249	DEAD	0.	0.	0.
236	236	250	DEAD	0.	0.	0.
236	236	276	DEAD	0.	0.	0.
236	236	275	DEAD	0.	0.	0.
236	236	249	G1	0.	0.	0.
236	236	250	G1	0.	0.	0.
236	236	276	G1	0.	0.	0.
236	236	275	G1	0.	0.	0.
236	236	249	G2	0.	0.	0.
236	236	250	G2	0.	0.	0.
236	236	276	G2	0.	0.	0.
236	236	275	G2	0.	0.	0.
236	236	249	Qm	0.	0.	0.
236	236	250	Qm	0.	0.	0.
236	236	276	Qm	0.	0.	0.
236	236	275	Qm	0.	0.	0.
236	236	249	Qs	0.	0.	0.
236	236	250	Qs	0.	0.	0.
236	236	276	Qs	0.	0.	0.
236	236	275	Qs	0.	0.	0.
236	236	249	T+	-0.88526	-0.88526	-2.197E-16
236	236	250	T+	-0.88526	-0.88526	-1.108E-15
236	236	276	T+	-0.88526	-0.88526	2.286E-16
236	236	275	T+	-0.88526	-0.88526	1.117E-15
236	236	249	T-	0.88526	0.88526	2.197E-16
236	236	250	T-	0.88526	0.88526	1.108E-15
236	236	276	T-	0.88526	0.88526	-2.286E-16
236	236	275	T-	0.88526	0.88526	-1.117E-15
236	236	249	W	0.	0.	0.
236	236	250	W	0.	0.	0.
236	236	276	W	0.	0.	0.
236	236	275	W	0.	0.	0.
236	236	249	Qm-1	0.	0.	0.
236	236	250	Qm-1	0.	0.	0.
236	236	276	Qm-1	0.	0.	0.
236	236	275	Qm-1	0.	0.	0.
236	236	249	Qm-2	0.	0.	0.
236	236	250	Qm-2	0.	0.	0.
236	236	276	Qm-2	0.	0.	0.
236	236	275	Qm-2	0.	0.	0.

Table 27: Element Forces - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	F11	F22	F12
				KN/mm	KN/mm	KN/mm
237	237	250	DEAD	0.	0.	0.
237	237	251	DEAD	0.	0.	0.
237	237	277	DEAD	0.	0.	0.
237	237	276	DEAD	0.	0.	0.
237	237	250	G1	0.	0.	0.
237	237	251	G1	0.	0.	0.
237	237	277	G1	0.	0.	0.
237	237	276	G1	0.	0.	0.
237	237	250	G2	0.	0.	0.
237	237	251	G2	0.	0.	0.
237	237	277	G2	0.	0.	0.
237	237	276	G2	0.	0.	0.
237	237	250	Qm	0.	0.	0.
237	237	251	Qm	0.	0.	0.
237	237	277	Qm	0.	0.	0.
237	237	276	Qm	0.	0.	0.
237	237	250	Qs	0.	0.	0.
237	237	251	Qs	0.	0.	0.
237	237	277	Qs	0.	0.	0.
237	237	276	Qs	0.	0.	0.
237	237	250	T+	-0.88526	-0.88526	1.313E-16
237	237	251	T+	-0.88526	-0.88526	-1.797E-16
237	237	277	T+	-0.88526	-0.88526	-6.823E-17
237	237	276	T+	-0.88526	-0.88526	3.628E-16
237	237	250	T-	0.88526	0.88526	-1.313E-16
237	237	251	T-	0.88526	0.88526	1.797E-16
237	237	277	T-	0.88526	0.88526	6.823E-17
237	237	276	T-	0.88526	0.88526	-3.628E-16
237	237	250	W	0.	0.	0.
237	237	251	W	0.	0.	0.
237	237	277	W	0.	0.	0.
237	237	276	W	0.	0.	0.
237	237	250	Qm-1	0.	0.	0.
237	237	251	Qm-1	0.	0.	0.
237	237	277	Qm-1	0.	0.	0.
237	237	276	Qm-1	0.	0.	0.
237	237	250	Qm-2	0.	0.	0.
237	237	251	Qm-2	0.	0.	0.
237	237	277	Qm-2	0.	0.	0.
237	237	276	Qm-2	0.	0.	0.
238	238	251	DEAD	0.	0.	0.
238	238	252	DEAD	0.	0.	0.
238	238	278	DEAD	0.	0.	0.
238	238	277	DEAD	0.	0.	0.
238	238	251	G1	0.	0.	0.
238	238	252	G1	0.	0.	0.
238	238	278	G1	0.	0.	0.
238	238	277	G1	0.	0.	0.
238	238	251	G2	0.	0.	0.
238	238	252	G2	0.	0.	0.
238	238	278	G2	0.	0.	0.
238	238	277	G2	0.	0.	0.
238	238	251	Qm	0.	0.	0.
238	238	252	Qm	0.	0.	0.

Table 27: Element Forces - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	F11	F22	F12
				KN/mm	KN/mm	KN/mm
238	238	278	Qm	0.	0.	0.
238	238	277	Qm	0.	0.	0.
238	238	251	Qs	0.	0.	0.
238	238	252	Qs	0.	0.	0.
238	238	278	Qs	0.	0.	0.
238	238	277	Qs	0.	0.	0.
238	238	251	T+	-0.88526	-0.88526	-2.225E-16
238	238	252	T+	-0.88526	-0.88526	-8.594E-16
238	238	278	T+	-0.88526	-0.88526	1.249E-16
238	238	277	T+	-0.88526	-0.88526	8.818E-16
238	238	251	T-	0.88526	0.88526	2.225E-16
238	238	252	T-	0.88526	0.88526	8.594E-16
238	238	278	T-	0.88526	0.88526	-1.249E-16
238	238	277	T-	0.88526	0.88526	-8.818E-16
238	238	251	W	0.	0.	0.
238	238	252	W	0.	0.	0.
238	238	278	W	0.	0.	0.
238	238	277	W	0.	0.	0.
238	238	251	Qm-1	0.	0.	0.
238	238	252	Qm-1	0.	0.	0.
238	238	278	Qm-1	0.	0.	0.
238	238	277	Qm-1	0.	0.	0.
238	238	251	Qm-2	0.	0.	0.
238	238	252	Qm-2	0.	0.	0.
238	238	278	Qm-2	0.	0.	0.
238	238	277	Qm-2	0.	0.	0.
239	239	252	DEAD	0.	0.	0.
239	239	253	DEAD	0.	0.	0.
239	239	279	DEAD	0.	0.	0.
239	239	278	DEAD	0.	0.	0.
239	239	252	G1	0.	0.	0.
239	239	253	G1	0.	0.	0.
239	239	279	G1	0.	0.	0.
239	239	278	G1	0.	0.	0.
239	239	252	G2	0.	0.	0.
239	239	253	G2	0.	0.	0.
239	239	279	G2	0.	0.	0.
239	239	278	G2	0.	0.	0.
239	239	252	Qm	0.	0.	0.
239	239	253	Qm	0.	0.	0.
239	239	279	Qm	0.	0.	0.
239	239	278	Qm	0.	0.	0.
239	239	252	Qs	0.	0.	0.
239	239	253	Qs	0.	0.	0.
239	239	279	Qs	0.	0.	0.
239	239	278	Qs	0.	0.	0.
239	239	252	T+	-0.88526	-0.88526	-1.990E-16
239	239	253	T+	-0.88526	-0.88526	9.717E-17
239	239	279	T+	-0.88526	-0.88526	1.826E-16
239	239	278	T+	-0.88526	-0.88526	-1.136E-16
239	239	252	T-	0.88526	0.88526	1.990E-16
239	239	253	T-	0.88526	0.88526	-9.717E-17
239	239	279	T-	0.88526	0.88526	-1.826E-16
239	239	278	T-	0.88526	0.88526	1.136E-16

Table 27: Element Forces - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	F11	F22	F12
				KN/mm	KN/mm	KN/mm
239	239	252	W	0.	0.	0.
239	239	253	W	0.	0.	0.
239	239	279	W	0.	0.	0.
239	239	278	W	0.	0.	0.
239	239	252	Qm-1	0.	0.	0.
239	239	253	Qm-1	0.	0.	0.
239	239	279	Qm-1	0.	0.	0.
239	239	278	Qm-1	0.	0.	0.
239	239	252	Qm-2	0.	0.	0.
239	239	253	Qm-2	0.	0.	0.
239	239	279	Qm-2	0.	0.	0.
239	239	278	Qm-2	0.	0.	0.
240	240	253	DEAD	0.	0.	0.
240	240	254	DEAD	0.	0.	0.
240	240	280	DEAD	0.	0.	0.
240	240	279	DEAD	0.	0.	0.
240	240	253	G1	0.	0.	0.
240	240	254	G1	0.	0.	0.
240	240	280	G1	0.	0.	0.
240	240	279	G1	0.	0.	0.
240	240	253	G2	0.	0.	0.
240	240	254	G2	0.	0.	0.
240	240	280	G2	0.	0.	0.
240	240	279	G2	0.	0.	0.
240	240	253	Qm	0.	0.	0.
240	240	254	Qm	0.	0.	0.
240	240	280	Qm	0.	0.	0.
240	240	279	Qm	0.	0.	0.
240	240	253	Qs	0.	0.	0.
240	240	254	Qs	0.	0.	0.
240	240	280	Qs	0.	0.	0.
240	240	279	Qs	0.	0.	0.
240	240	253	T+	-0.88526	-0.88526	-2.425E-16
240	240	254	T+	-0.88526	-0.88526	-4.122E-16
240	240	280	T+	-0.88526	-0.88526	5.142E-17
240	240	279	T+	-0.88526	-0.88526	1.011E-16
240	240	253	T-	0.88526	0.88526	2.425E-16
240	240	254	T-	0.88526	0.88526	4.122E-16
240	240	280	T-	0.88526	0.88526	-5.142E-17
240	240	279	T-	0.88526	0.88526	-1.011E-16
240	240	253	W	0.	0.	0.
240	240	254	W	0.	0.	0.
240	240	280	W	0.	0.	0.
240	240	279	W	0.	0.	0.
240	240	253	Qm-1	0.	0.	0.
240	240	254	Qm-1	0.	0.	0.
240	240	280	Qm-1	0.	0.	0.
240	240	279	Qm-1	0.	0.	0.
240	240	253	Qm-2	0.	0.	0.
240	240	254	Qm-2	0.	0.	0.
240	240	280	Qm-2	0.	0.	0.
240	240	279	Qm-2	0.	0.	0.
241	241	254	DEAD	0.	0.	0.
241	241	255	DEAD	0.	0.	0.

Table 27: Element Forces - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	F11	F22	F12
				KN/mm	KN/mm	KN/mm
241	241	281	DEAD	0.	0.	0.
241	241	280	DEAD	0.	0.	0.
241	241	254	G1	0.	0.	0.
241	241	255	G1	0.	0.	0.
241	241	281	G1	0.	0.	0.
241	241	280	G1	0.	0.	0.
241	241	254	G2	0.	0.	0.
241	241	255	G2	0.	0.	0.
241	241	281	G2	0.	0.	0.
241	241	280	G2	0.	0.	0.
241	241	254	Qm	0.	0.	0.
241	241	255	Qm	0.	0.	0.
241	241	281	Qm	0.	0.	0.
241	241	280	Qm	0.	0.	0.
241	241	254	Qs	0.	0.	0.
241	241	255	Qs	0.	0.	0.
241	241	281	Qs	0.	0.	0.
241	241	280	Qs	0.	0.	0.
241	241	254	T+	-0.88526	-0.88526	4.721E-17
241	241	255	T+	-0.88526	-0.88526	9.827E-16
241	241	281	T+	-0.88526	-0.88526	1.572E-17
241	241	280	T+	-0.88526	-0.88526	-9.197E-16
241	241	254	T-	0.88526	0.88526	-4.721E-17
241	241	255	T-	0.88526	0.88526	-9.827E-16
241	241	281	T-	0.88526	0.88526	-1.572E-17
241	241	280	T-	0.88526	0.88526	9.197E-16
241	241	254	W	0.	0.	0.
241	241	255	W	0.	0.	0.
241	241	281	W	0.	0.	0.
241	241	280	W	0.	0.	0.
241	241	254	Qm-1	0.	0.	0.
241	241	255	Qm-1	0.	0.	0.
241	241	281	Qm-1	0.	0.	0.
241	241	280	Qm-1	0.	0.	0.
241	241	254	Qm-2	0.	0.	0.
241	241	255	Qm-2	0.	0.	0.
241	241	281	Qm-2	0.	0.	0.
241	241	280	Qm-2	0.	0.	0.
242	242	255	DEAD	0.	0.	0.
242	242	256	DEAD	0.	0.	0.
242	242	282	DEAD	0.	0.	0.
242	242	281	DEAD	0.	0.	0.
242	242	255	G1	0.	0.	0.
242	242	256	G1	0.	0.	0.
242	242	282	G1	0.	0.	0.
242	242	281	G1	0.	0.	0.
242	242	255	G2	0.	0.	0.
242	242	256	G2	0.	0.	0.
242	242	282	G2	0.	0.	0.
242	242	281	G2	0.	0.	0.
242	242	255	Qm	0.	0.	0.
242	242	256	Qm	0.	0.	0.
242	242	282	Qm	0.	0.	0.
242	242	281	Qm	0.	0.	0.

Table 27: Element Forces - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	F11	F22	F12
				KN/mm	KN/mm	KN/mm
242	242	255	Qs	0.	0.	0.
242	242	256	Qs	0.	0.	0.
242	242	282	Qs	0.	0.	0.
242	242	281	Qs	0.	0.	0.
242	242	255	T+	-0.88526	-0.88526	-2.810E-16
242	242	256	T+	-0.88526	-0.88526	-4.229E-16
242	242	282	T+	-0.88526	-0.88526	1.329E-16
242	242	281	T+	-0.88526	-0.88526	3.547E-16
242	242	255	T-	0.88526	0.88526	2.810E-16
242	242	256	T-	0.88526	0.88526	4.229E-16
242	242	282	T-	0.88526	0.88526	-1.329E-16
242	242	281	T-	0.88526	0.88526	-3.547E-16
242	242	255	W	0.	0.	0.
242	242	256	W	0.	0.	0.
242	242	282	W	0.	0.	0.
242	242	281	W	0.	0.	0.
242	242	255	Qm-1	0.	0.	0.
242	242	256	Qm-1	0.	0.	0.
242	242	282	Qm-1	0.	0.	0.
242	242	281	Qm-1	0.	0.	0.
242	242	255	Qm-2	0.	0.	0.
242	242	256	Qm-2	0.	0.	0.
242	242	282	Qm-2	0.	0.	0.
242	242	281	Qm-2	0.	0.	0.
243	243	256	DEAD	0.	0.	0.
243	243	257	DEAD	0.	0.	0.
243	243	283	DEAD	0.	0.	0.
243	243	282	DEAD	0.	0.	0.
243	243	256	G1	0.	0.	0.
243	243	257	G1	0.	0.	0.
243	243	283	G1	0.	0.	0.
243	243	282	G1	0.	0.	0.
243	243	256	G2	0.	0.	0.
243	243	257	G2	0.	0.	0.
243	243	283	G2	0.	0.	0.
243	243	282	G2	0.	0.	0.
243	243	256	Qm	0.	0.	0.
243	243	257	Qm	0.	0.	0.
243	243	283	Qm	0.	0.	0.
243	243	282	Qm	0.	0.	0.
243	243	256	Qs	0.	0.	0.
243	243	257	Qs	0.	0.	0.
243	243	283	Qs	0.	0.	0.
243	243	282	Qs	0.	0.	0.
243	243	256	T+	-0.88526	-0.88526	1.027E-16
243	243	257	T+	-0.88526	-0.88526	-1.480E-16
243	243	283	T+	-0.88526	-0.88526	-3.956E-17
243	243	282	T+	-0.88526	-0.88526	3.311E-16
243	243	256	T-	0.88526	0.88526	-1.027E-16
243	243	257	T-	0.88526	0.88526	1.480E-16
243	243	283	T-	0.88526	0.88526	3.956E-17
243	243	282	T-	0.88526	0.88526	-3.311E-16
243	243	256	W	0.	0.	0.
243	243	257	W	0.	0.	0.

Table 27: Element Forces - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	F11	F22	F12
				KN/mm	KN/mm	KN/mm
243	243	283	W	0.	0.	0.
243	243	282	W	0.	0.	0.
243	243	256	Qm-1	0.	0.	0.
243	243	257	Qm-1	0.	0.	0.
243	243	283	Qm-1	0.	0.	0.
243	243	282	Qm-1	0.	0.	0.
243	243	256	Qm-2	0.	0.	0.
243	243	257	Qm-2	0.	0.	0.
243	243	283	Qm-2	0.	0.	0.
243	243	282	Qm-2	0.	0.	0.
244	244	257	DEAD	0.	0.	0.
244	244	258	DEAD	0.	0.	0.
244	244	284	DEAD	0.	0.	0.
244	244	283	DEAD	0.	0.	0.
244	244	257	G1	0.	0.	0.
244	244	258	G1	0.	0.	0.
244	244	284	G1	0.	0.	0.
244	244	283	G1	0.	0.	0.
244	244	257	G2	0.	0.	0.
244	244	258	G2	0.	0.	0.
244	244	284	G2	0.	0.	0.
244	244	283	G2	0.	0.	0.
244	244	257	Qm	0.	0.	0.
244	244	258	Qm	0.	0.	0.
244	244	284	Qm	0.	0.	0.
244	244	283	Qm	0.	0.	0.
244	244	257	Qs	0.	0.	0.
244	244	258	Qs	0.	0.	0.
244	244	284	Qs	0.	0.	0.
244	244	283	Qs	0.	0.	0.
244	244	257	T+	-0.88526	-0.88526	-1.486E-16
244	244	258	T+	-0.88526	-0.88526	-6.975E-18
244	244	284	T+	-0.88526	-0.88526	6.433E-17
244	244	283	T+	-0.88526	-0.88526	-1.573E-16
244	244	257	T-	0.88526	0.88526	1.486E-16
244	244	258	T-	0.88526	0.88526	6.975E-18
244	244	284	T-	0.88526	0.88526	-6.433E-17
244	244	283	T-	0.88526	0.88526	1.573E-16
244	244	257	W	0.	0.	0.
244	244	258	W	0.	0.	0.
244	244	284	W	0.	0.	0.
244	244	283	W	0.	0.	0.
244	244	257	Qm-1	0.	0.	0.
244	244	258	Qm-1	0.	0.	0.
244	244	284	Qm-1	0.	0.	0.
244	244	283	Qm-1	0.	0.	0.
244	244	257	Qm-2	0.	0.	0.
244	244	258	Qm-2	0.	0.	0.
244	244	284	Qm-2	0.	0.	0.
244	244	283	Qm-2	0.	0.	0.
245	245	258	DEAD	0.	0.	0.
245	245	259	DEAD	0.	0.	0.
245	245	285	DEAD	0.	0.	0.
245	245	284	DEAD	0.	0.	0.

Table 27: Element Forces - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	F11	F22	F12
				KN/mm	KN/mm	KN/mm
245	245	258	G1	0.	0.	0.
245	245	259	G1	0.	0.	0.
245	245	285	G1	0.	0.	0.
245	245	284	G1	0.	0.	0.
245	245	258	G2	0.	0.	0.
245	245	259	G2	0.	0.	0.
245	245	285	G2	0.	0.	0.
245	245	284	G2	0.	0.	0.
245	245	258	Qm	0.	0.	0.
245	245	259	Qm	0.	0.	0.
245	245	285	Qm	0.	0.	0.
245	245	284	Qm	0.	0.	0.
245	245	258	Qs	0.	0.	0.
245	245	259	Qs	0.	0.	0.
245	245	285	Qs	0.	0.	0.
245	245	284	Qs	0.	0.	0.
245	245	258	T+	-0.88526	-0.88526	1.080E-16
245	245	259	T+	-0.88526	-0.88526	3.989E-16
245	245	285	T+	-0.88526	-0.88526	-1.513E-16
245	245	284	T+	-0.88526	-0.88526	-4.022E-16
245	245	258	T-	0.88526	0.88526	-1.080E-16
245	245	259	T-	0.88526	0.88526	-3.989E-16
245	245	285	T-	0.88526	0.88526	1.513E-16
245	245	284	T-	0.88526	0.88526	4.022E-16
245	245	258	W	0.	0.	0.
245	245	259	W	0.	0.	0.
245	245	285	W	0.	0.	0.
245	245	284	W	0.	0.	0.
245	245	258	Qm-1	0.	0.	0.
245	245	259	Qm-1	0.	0.	0.
245	245	285	Qm-1	0.	0.	0.
245	245	284	Qm-1	0.	0.	0.
245	245	258	Qm-2	0.	0.	0.
245	245	259	Qm-2	0.	0.	0.
245	245	285	Qm-2	0.	0.	0.
245	245	284	Qm-2	0.	0.	0.
246	246	259	DEAD	0.	0.	0.
246	246	260	DEAD	0.	0.	0.
246	246	286	DEAD	0.	0.	0.
246	246	285	DEAD	0.	0.	0.
246	246	259	G1	0.	0.	0.
246	246	260	G1	0.	0.	0.
246	246	286	G1	0.	0.	0.
246	246	285	G1	0.	0.	0.
246	246	259	G2	0.	0.	0.
246	246	260	G2	0.	0.	0.
246	246	286	G2	0.	0.	0.
246	246	285	G2	0.	0.	0.
246	246	259	Qm	0.	0.	0.
246	246	260	Qm	0.	0.	0.
246	246	286	Qm	0.	0.	0.
246	246	285	Qm	0.	0.	0.
246	246	259	Qs	0.	0.	0.
246	246	260	Qs	0.	0.	0.

Table 27: Element Forces - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	F11	F22	F12
				KN/mm	KN/mm	KN/mm
246	246	286	Qs	0.	0.	0.
246	246	285	Qs	0.	0.	0.
246	246	259	T+	-0.88526	-0.88526	-2.048E-16
246	246	260	T+	-0.88526	-0.88526	1.212E-16
246	246	286	T+	-0.88526	-0.88526	1.480E-16
246	246	285	T+	-0.88526	-0.88526	-2.579E-16
246	246	259	T-	0.88526	0.88526	2.048E-16
246	246	260	T-	0.88526	0.88526	-1.212E-16
246	246	286	T-	0.88526	0.88526	-1.480E-16
246	246	285	T-	0.88526	0.88526	2.579E-16
246	246	259	W	0.	0.	0.
246	246	260	W	0.	0.	0.
246	246	286	W	0.	0.	0.
246	246	285	W	0.	0.	0.
246	246	259	Qm-1	0.	0.	0.
246	246	260	Qm-1	0.	0.	0.
246	246	286	Qm-1	0.	0.	0.
246	246	285	Qm-1	0.	0.	0.
246	246	259	Qm-2	0.	0.	0.
246	246	260	Qm-2	0.	0.	0.
246	246	286	Qm-2	0.	0.	0.
246	246	285	Qm-2	0.	0.	0.
247	247	260	DEAD	0.	0.	0.
247	247	261	DEAD	0.	0.	0.
247	247	287	DEAD	0.	0.	0.
247	247	286	DEAD	0.	0.	0.
247	247	260	G1	0.	0.	0.
247	247	261	G1	0.	0.	0.
247	247	287	G1	0.	0.	0.
247	247	286	G1	0.	0.	0.
247	247	260	G2	0.	0.	0.
247	247	261	G2	0.	0.	0.
247	247	287	G2	0.	0.	0.
247	247	286	G2	0.	0.	0.
247	247	260	Qm	0.	0.	0.
247	247	261	Qm	0.	0.	0.
247	247	287	Qm	0.	0.	0.
247	247	286	Qm	0.	0.	0.
247	247	260	Qs	0.	0.	0.
247	247	261	Qs	0.	0.	0.
247	247	287	Qs	0.	0.	0.
247	247	286	Qs	0.	0.	0.
247	247	260	T+	-0.88526	-0.88526	-2.033E-16
247	247	261	T+	-0.88526	-0.88526	4.414E-16
247	247	287	T+	-0.88526	-0.88526	1.134E-16
247	247	286	T+	-0.88526	-0.88526	-6.113E-16
247	247	260	T-	0.88526	0.88526	2.033E-16
247	247	261	T-	0.88526	0.88526	-4.414E-16
247	247	287	T-	0.88526	0.88526	-1.134E-16
247	247	286	T-	0.88526	0.88526	6.113E-16
247	247	260	W	0.	0.	0.
247	247	261	W	0.	0.	0.
247	247	287	W	0.	0.	0.
247	247	286	W	0.	0.	0.

Table 27: Element Forces - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	F11	F22	F12
				KN/mm	KN/mm	KN/mm
247	247	260	Qm-1	0.	0.	0.
247	247	261	Qm-1	0.	0.	0.
247	247	287	Qm-1	0.	0.	0.
247	247	286	Qm-1	0.	0.	0.
247	247	260	Qm-2	0.	0.	0.
247	247	261	Qm-2	0.	0.	0.
247	247	287	Qm-2	0.	0.	0.
247	247	286	Qm-2	0.	0.	0.
248	248	261	DEAD	0.	0.	0.
248	248	262	DEAD	0.	0.	0.
248	248	288	DEAD	0.	0.	0.
248	248	287	DEAD	0.	0.	0.
248	248	261	G1	0.	0.	0.
248	248	262	G1	0.	0.	0.
248	248	288	G1	0.	0.	0.
248	248	287	G1	0.	0.	0.
248	248	261	G2	0.	0.	0.
248	248	262	G2	0.	0.	0.
248	248	288	G2	0.	0.	0.
248	248	287	G2	0.	0.	0.
248	248	261	Qm	0.	0.	0.
248	248	262	Qm	0.	0.	0.
248	248	288	Qm	0.	0.	0.
248	248	287	Qm	0.	0.	0.
248	248	261	Qs	0.	0.	0.
248	248	262	Qs	0.	0.	0.
248	248	288	Qs	0.	0.	0.
248	248	287	Qs	0.	0.	0.
248	248	261	T+	-0.88526	-0.88526	1.431E-16
248	248	262	T+	-0.88526	-0.88526	-2.130E-15
248	248	288	T+	-0.88526	-0.88526	5.969E-17
248	248	287	T+	-0.88526	-0.88526	2.293E-15
248	248	261	T-	0.88526	0.88526	-1.431E-16
248	248	262	T-	0.88526	0.88526	2.130E-15
248	248	288	T-	0.88526	0.88526	-5.969E-17
248	248	287	T-	0.88526	0.88526	-2.293E-15
248	248	261	W	0.	0.	0.
248	248	262	W	0.	0.	0.
248	248	288	W	0.	0.	0.
248	248	287	W	0.	0.	0.
248	248	261	Qm-1	0.	0.	0.
248	248	262	Qm-1	0.	0.	0.
248	248	288	Qm-1	0.	0.	0.
248	248	287	Qm-1	0.	0.	0.
248	248	261	Qm-2	0.	0.	0.
248	248	262	Qm-2	0.	0.	0.
248	248	288	Qm-2	0.	0.	0.
248	248	287	Qm-2	0.	0.	0.
249	249	262	DEAD	0.	0.	0.
249	249	263	DEAD	0.	0.	0.
249	249	289	DEAD	0.	0.	0.
249	249	288	DEAD	0.	0.	0.
249	249	262	G1	0.	0.	0.
249	249	263	G1	0.	0.	0.

Table 27: Element Forces - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	F11	F22	F12
				KN/mm	KN/mm	KN/mm
249	249	289	G1	0.	0.	0.
249	249	288	G1	0.	0.	0.
249	249	262	G2	0.	0.	0.
249	249	263	G2	0.	0.	0.
249	249	289	G2	0.	0.	0.
249	249	288	G2	0.	0.	0.
249	249	262	Qm	0.	0.	0.
249	249	263	Qm	0.	0.	0.
249	249	289	Qm	0.	0.	0.
249	249	288	Qm	0.	0.	0.
249	249	262	Qs	0.	0.	0.
249	249	263	Qs	0.	0.	0.
249	249	289	Qs	0.	0.	0.
249	249	288	Qs	0.	0.	0.
249	249	262	T+	-0.88526	-0.88526	9.369E-17
249	249	263	T+	-0.88526	-0.88526	2.277E-16
249	249	289	T+	-0.88526	-0.88526	1.046E-16
249	249	288	T+	-0.88526	-0.88526	-6.935E-17
249	249	262	T-	0.88526	0.88526	-9.369E-17
249	249	263	T-	0.88526	0.88526	-2.277E-16
249	249	289	T-	0.88526	0.88526	-1.046E-16
249	249	288	T-	0.88526	0.88526	6.935E-17
249	249	262	W	0.	0.	0.
249	249	263	W	0.	0.	0.
249	249	289	W	0.	0.	0.
249	249	288	W	0.	0.	0.
249	249	262	Qm-1	0.	0.	0.
249	249	263	Qm-1	0.	0.	0.
249	249	289	Qm-1	0.	0.	0.
249	249	288	Qm-1	0.	0.	0.
249	249	262	Qm-2	0.	0.	0.
249	249	263	Qm-2	0.	0.	0.
249	249	289	Qm-2	0.	0.	0.
249	249	288	Qm-2	0.	0.	0.
250	250	263	DEAD	0.	0.	0.
250	250	264	DEAD	0.	0.	0.
250	250	290	DEAD	0.	0.	0.
250	250	289	DEAD	0.	0.	0.
250	250	263	G1	0.	0.	0.
250	250	264	G1	0.	0.	0.
250	250	290	G1	0.	0.	0.
250	250	289	G1	0.	0.	0.
250	250	263	G2	0.	0.	0.
250	250	264	G2	0.	0.	0.
250	250	290	G2	0.	0.	0.
250	250	289	G2	0.	0.	0.
250	250	263	Qm	0.	0.	0.
250	250	264	Qm	0.	0.	0.
250	250	290	Qm	0.	0.	0.
250	250	289	Qm	0.	0.	0.
250	250	263	Qs	0.	0.	0.
250	250	264	Qs	0.	0.	0.
250	250	290	Qs	0.	0.	0.
250	250	289	Qs	0.	0.	0.

Table 27: Element Forces - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	F11	F22	F12
				KN/mm	KN/mm	KN/mm
250	250	263	T+	-0.88526	-0.88526	-1.696E-16
250	250	264	T+	-0.88526	-0.88526	7.358E-16
250	250	290	T+	-0.88526	-0.88526	9.514E-17
250	250	289	T+	-0.88526	-0.88526	-6.902E-16
250	250	263	T-	0.88526	0.88526	1.696E-16
250	250	264	T-	0.88526	0.88526	-7.358E-16
250	250	290	T-	0.88526	0.88526	-9.514E-17
250	250	289	T-	0.88526	0.88526	6.902E-16
250	250	263	W	0.	0.	0.
250	250	264	W	0.	0.	0.
250	250	290	W	0.	0.	0.
250	250	289	W	0.	0.	0.
250	250	263	Qm-1	0.	0.	0.
250	250	264	Qm-1	0.	0.	0.
250	250	290	Qm-1	0.	0.	0.
250	250	289	Qm-1	0.	0.	0.
250	250	263	Qm-2	0.	0.	0.
250	250	264	Qm-2	0.	0.	0.
250	250	290	Qm-2	0.	0.	0.
250	250	289	Qm-2	0.	0.	0.
251	251	264	DEAD	0.	0.	0.
251	251	265	DEAD	0.	0.	0.
251	251	291	DEAD	0.	0.	0.
251	251	290	DEAD	0.	0.	0.
251	251	264	G1	0.	0.	0.
251	251	265	G1	0.	0.	0.
251	251	291	G1	0.	0.	0.
251	251	290	G1	0.	0.	0.
251	251	264	G2	0.	0.	0.
251	251	265	G2	0.	0.	0.
251	251	291	G2	0.	0.	0.
251	251	290	G2	0.	0.	0.
251	251	264	Qm	0.	0.	0.
251	251	265	Qm	0.	0.	0.
251	251	291	Qm	0.	0.	0.
251	251	290	Qm	0.	0.	0.
251	251	264	Qs	0.	0.	0.
251	251	265	Qs	0.	0.	0.
251	251	291	Qs	0.	0.	0.
251	251	290	Qs	0.	0.	0.
251	251	264	T+	-0.88526	-0.88526	4.103E-17
251	251	265	T+	-0.88526	-0.88526	-1.200E-15
251	251	291	T+	-0.88526	-0.88526	3.642E-17
251	251	290	T+	-0.88526	-0.88526	1.197E-15
251	251	264	T-	0.88526	0.88526	-4.103E-17
251	251	265	T-	0.88526	0.88526	1.200E-15
251	251	291	T-	0.88526	0.88526	-3.642E-17
251	251	290	T-	0.88526	0.88526	-1.197E-15
251	251	264	W	0.	0.	0.
251	251	265	W	0.	0.	0.
251	251	291	W	0.	0.	0.
251	251	290	W	0.	0.	0.
251	251	264	Qm-1	0.	0.	0.
251	251	265	Qm-1	0.	0.	0.

Table 27: Element Forces - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	F11	F22	F12
				KN/mm	KN/mm	KN/mm
251	251	291	Qm-1	0.	0.	0.
251	251	290	Qm-1	0.	0.	0.
251	251	264	Qm-2	0.	0.	0.
251	251	265	Qm-2	0.	0.	0.
251	251	291	Qm-2	0.	0.	0.
251	251	290	Qm-2	0.	0.	0.
252	252	265	DEAD	0.	0.	0.
252	252	266	DEAD	0.	0.	0.
252	252	292	DEAD	0.	0.	0.
252	252	291	DEAD	0.	0.	0.
252	252	265	G1	0.	0.	0.
252	252	266	G1	0.	0.	0.
252	252	292	G1	0.	0.	0.
252	252	291	G1	0.	0.	0.
252	252	265	G2	0.	0.	0.
252	252	266	G2	0.	0.	0.
252	252	292	G2	0.	0.	0.
252	252	291	G2	0.	0.	0.
252	252	265	Qm	0.	0.	0.
252	252	266	Qm	0.	0.	0.
252	252	292	Qm	0.	0.	0.
252	252	291	Qm	0.	0.	0.
252	252	265	Qs	0.	0.	0.
252	252	266	Qs	0.	0.	0.
252	252	292	Qs	0.	0.	0.
252	252	291	Qs	0.	0.	0.
252	252	265	T+	-0.88526	-0.88526	-2.476E-16
252	252	266	T+	-0.88526	-0.88526	-5.360E-16
252	252	292	T+	-0.88526	-0.88526	1.985E-16
252	252	291	T+	-0.88526	-0.88526	4.470E-16
252	252	265	T-	0.88526	0.88526	2.476E-16
252	252	266	T-	0.88526	0.88526	5.360E-16
252	252	292	T-	0.88526	0.88526	-1.985E-16
252	252	291	T-	0.88526	0.88526	-4.470E-16
252	252	265	W	0.	0.	0.
252	252	266	W	0.	0.	0.
252	252	292	W	0.	0.	0.
252	252	291	W	0.	0.	0.
252	252	265	Qm-1	0.	0.	0.
252	252	266	Qm-1	0.	0.	0.
252	252	292	Qm-1	0.	0.	0.
252	252	291	Qm-1	0.	0.	0.
252	252	265	Qm-2	0.	0.	0.
252	252	266	Qm-2	0.	0.	0.
252	252	292	Qm-2	0.	0.	0.
252	252	291	Qm-2	0.	0.	0.
253	253	267	DEAD	0.	0.	0.
253	253	268	DEAD	0.	0.	0.
253	253	294	DEAD	0.	0.	0.
253	253	293	DEAD	0.	0.	0.
253	253	267	G1	0.	0.	0.
253	253	268	G1	0.	0.	0.
253	253	294	G1	0.	0.	0.
253	253	293	G1	0.	0.	0.

Table 27: Element Forces - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	F11	F22	F12
				KN/mm	KN/mm	KN/mm
253	253	267	G2	0.	0.	0.
253	253	268	G2	0.	0.	0.
253	253	294	G2	0.	0.	0.
253	253	293	G2	0.	0.	0.
253	253	267	Qm	0.	0.	0.
253	253	268	Qm	0.	0.	0.
253	253	294	Qm	0.	0.	0.
253	253	293	Qm	0.	0.	0.
253	253	267	Qs	0.	0.	0.
253	253	268	Qs	0.	0.	0.
253	253	294	Qs	0.	0.	0.
253	253	293	Qs	0.	0.	0.
253	253	267	T+	-0.88526	-0.88526	7.863E-17
253	253	268	T+	-0.88526	-0.88526	-2.072E-16
253	253	294	T+	-0.88526	-0.88526	-1.551E-17
253	253	293	T+	-0.88526	-0.88526	3.903E-16
253	253	267	T-	0.88526	0.88526	-7.863E-17
253	253	268	T-	0.88526	0.88526	2.072E-16
253	253	294	T-	0.88526	0.88526	1.551E-17
253	253	293	T-	0.88526	0.88526	-3.903E-16
253	253	267	W	0.	0.	0.
253	253	268	W	0.	0.	0.
253	253	294	W	0.	0.	0.
253	253	293	W	0.	0.	0.
253	253	267	Qm-1	0.	0.	0.
253	253	268	Qm-1	0.	0.	0.
253	253	294	Qm-1	0.	0.	0.
253	253	293	Qm-1	0.	0.	0.
253	253	267	Qm-2	0.	0.	0.
253	253	268	Qm-2	0.	0.	0.
253	253	294	Qm-2	0.	0.	0.
253	253	293	Qm-2	0.	0.	0.
254	254	268	DEAD	0.	0.	0.
254	254	269	DEAD	0.	0.	0.
254	254	295	DEAD	0.	0.	0.
254	254	294	DEAD	0.	0.	0.
254	254	268	G1	0.	0.	0.
254	254	269	G1	0.	0.	0.
254	254	295	G1	0.	0.	0.
254	254	294	G1	0.	0.	0.
254	254	268	G2	0.	0.	0.
254	254	269	G2	0.	0.	0.
254	254	295	G2	0.	0.	0.
254	254	294	G2	0.	0.	0.
254	254	268	Qm	0.	0.	0.
254	254	269	Qm	0.	0.	0.
254	254	295	Qm	0.	0.	0.
254	254	294	Qm	0.	0.	0.
254	254	268	Qs	0.	0.	0.
254	254	269	Qs	0.	0.	0.
254	254	295	Qs	0.	0.	0.
254	254	294	Qs	0.	0.	0.
254	254	268	T+	-0.88526	-0.88526	-9.484E-17
254	254	269	T+	-0.88526	-0.88526	-2.805E-16

Table 27: Element Forces - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	F11	F22	F12
				KN/mm	KN/mm	KN/mm
254	254	295	T+	-0.88526	-0.88526	1.620E-16
254	254	294	T+	-0.88526	-0.88526	4.276E-16
254	254	268	T-	0.88526	0.88526	9.484E-17
254	254	269	T-	0.88526	0.88526	2.805E-16
254	254	295	T-	0.88526	0.88526	-1.620E-16
254	254	294	T-	0.88526	0.88526	-4.276E-16
254	254	268	W	0.	0.	0.
254	254	269	W	0.	0.	0.
254	254	295	W	0.	0.	0.
254	254	294	W	0.	0.	0.
254	254	268	Qm-1	0.	0.	0.
254	254	269	Qm-1	0.	0.	0.
254	254	295	Qm-1	0.	0.	0.
254	254	294	Qm-1	0.	0.	0.
254	254	268	Qm-2	0.	0.	0.
254	254	269	Qm-2	0.	0.	0.
254	254	295	Qm-2	0.	0.	0.
254	254	294	Qm-2	0.	0.	0.
255	255	269	DEAD	0.	0.	0.
255	255	270	DEAD	0.	0.	0.
255	255	296	DEAD	0.	0.	0.
255	255	295	DEAD	0.	0.	0.
255	255	269	G1	0.	0.	0.
255	255	270	G1	0.	0.	0.
255	255	296	G1	0.	0.	0.
255	255	295	G1	0.	0.	0.
255	255	269	G2	0.	0.	0.
255	255	270	G2	0.	0.	0.
255	255	296	G2	0.	0.	0.
255	255	295	G2	0.	0.	0.
255	255	269	Qm	0.	0.	0.
255	255	270	Qm	0.	0.	0.
255	255	296	Qm	0.	0.	0.
255	255	295	Qm	0.	0.	0.
255	255	269	Qs	0.	0.	0.
255	255	270	Qs	0.	0.	0.
255	255	296	Qs	0.	0.	0.
255	255	295	Qs	0.	0.	0.
255	255	269	T+	-0.88526	-0.88526	-1.000E-16
255	255	270	T+	-0.88526	-0.88526	9.829E-16
255	255	296	T+	-0.88526	-0.88526	-1.037E-16
255	255	295	T+	-0.88526	-0.88526	-1.147E-15
255	255	269	T-	0.88526	0.88526	1.000E-16
255	255	270	T-	0.88526	0.88526	-9.829E-16
255	255	296	T-	0.88526	0.88526	1.037E-16
255	255	295	T-	0.88526	0.88526	1.147E-15
255	255	269	W	0.	0.	0.
255	255	270	W	0.	0.	0.
255	255	296	W	0.	0.	0.
255	255	295	W	0.	0.	0.
255	255	269	Qm-1	0.	0.	0.
255	255	270	Qm-1	0.	0.	0.
255	255	296	Qm-1	0.	0.	0.
255	255	295	Qm-1	0.	0.	0.

Table 27: Element Forces - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	F11	F22	F12
				KN/mm	KN/mm	KN/mm
255	255	269	Qm-2	0.	0.	0.
255	255	270	Qm-2	0.	0.	0.
255	255	296	Qm-2	0.	0.	0.
255	255	295	Qm-2	0.	0.	0.
256	256	270	DEAD	0.	0.	0.
256	256	271	DEAD	0.	0.	0.
256	256	297	DEAD	0.	0.	0.
256	256	296	DEAD	0.	0.	0.
256	256	270	G1	0.	0.	0.
256	256	271	G1	0.	0.	0.
256	256	297	G1	0.	0.	0.
256	256	296	G1	0.	0.	0.
256	256	270	G2	0.	0.	0.
256	256	271	G2	0.	0.	0.
256	256	297	G2	0.	0.	0.
256	256	296	G2	0.	0.	0.
256	256	270	Qm	0.	0.	0.
256	256	271	Qm	0.	0.	0.
256	256	297	Qm	0.	0.	0.
256	256	296	Qm	0.	0.	0.
256	256	270	Qs	0.	0.	0.
256	256	271	Qs	0.	0.	0.
256	256	297	Qs	0.	0.	0.
256	256	296	Qs	0.	0.	0.
256	256	270	T+	-0.88526	-0.88526	-3.162E-16
256	256	271	T+	-0.88526	-0.88526	-1.076E-15
256	256	297	T+	-0.88526	-0.88526	-4.862E-17
256	256	296	T+	-0.88526	-0.88526	8.316E-16
256	256	270	T-	0.88526	0.88526	3.162E-16
256	256	271	T-	0.88526	0.88526	1.076E-15
256	256	297	T-	0.88526	0.88526	4.862E-17
256	256	296	T-	0.88526	0.88526	-8.316E-16
256	256	270	W	0.	0.	0.
256	256	271	W	0.	0.	0.
256	256	297	W	0.	0.	0.
256	256	296	W	0.	0.	0.
256	256	270	Qm-1	0.	0.	0.
256	256	271	Qm-1	0.	0.	0.
256	256	297	Qm-1	0.	0.	0.
256	256	296	Qm-1	0.	0.	0.
256	256	270	Qm-2	0.	0.	0.
256	256	271	Qm-2	0.	0.	0.
256	256	297	Qm-2	0.	0.	0.
256	256	296	Qm-2	0.	0.	0.
257	257	271	DEAD	0.	0.	0.
257	257	272	DEAD	0.	0.	0.
257	257	298	DEAD	0.	0.	0.
257	257	297	DEAD	0.	0.	0.
257	257	271	G1	0.	0.	0.
257	257	272	G1	0.	0.	0.
257	257	298	G1	0.	0.	0.
257	257	297	G1	0.	0.	0.
257	257	271	G2	0.	0.	0.
257	257	272	G2	0.	0.	0.

Table 27: Element Forces - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	F11	F22	F12
				KN/mm	KN/mm	KN/mm
257	257	298	G2	0.	0.	0.
257	257	297	G2	0.	0.	0.
257	257	271	Qm	0.	0.	0.
257	257	272	Qm	0.	0.	0.
257	257	298	Qm	0.	0.	0.
257	257	297	Qm	0.	0.	0.
257	257	271	Qs	0.	0.	0.
257	257	272	Qs	0.	0.	0.
257	257	298	Qs	0.	0.	0.
257	257	297	Qs	0.	0.	0.
257	257	271	T+	-0.88526	-0.88526	1.439E-16
257	257	272	T+	-0.88526	-0.88526	-1.510E-15
257	257	298	T+	-0.88526	-0.88526	7.019E-17
257	257	297	T+	-0.88526	-0.88526	1.724E-15
257	257	271	T-	0.88526	0.88526	-1.439E-16
257	257	272	T-	0.88526	0.88526	1.510E-15
257	257	298	T-	0.88526	0.88526	-7.019E-17
257	257	297	T-	0.88526	0.88526	-1.724E-15
257	257	271	W	0.	0.	0.
257	257	272	W	0.	0.	0.
257	257	298	W	0.	0.	0.
257	257	297	W	0.	0.	0.
257	257	271	Qm-1	0.	0.	0.
257	257	272	Qm-1	0.	0.	0.
257	257	298	Qm-1	0.	0.	0.
257	257	297	Qm-1	0.	0.	0.
257	257	271	Qm-2	0.	0.	0.
257	257	272	Qm-2	0.	0.	0.
257	257	298	Qm-2	0.	0.	0.
257	257	297	Qm-2	0.	0.	0.
258	258	272	DEAD	0.	0.	0.
258	258	273	DEAD	0.	0.	0.
258	258	299	DEAD	0.	0.	0.
258	258	298	DEAD	0.	0.	0.
258	258	272	G1	0.	0.	0.
258	258	273	G1	0.	0.	0.
258	258	299	G1	0.	0.	0.
258	258	298	G1	0.	0.	0.
258	258	272	G2	0.	0.	0.
258	258	273	G2	0.	0.	0.
258	258	299	G2	0.	0.	0.
258	258	298	G2	0.	0.	0.
258	258	272	Qm	0.	0.	0.
258	258	273	Qm	0.	0.	0.
258	258	299	Qm	0.	0.	0.
258	258	298	Qm	0.	0.	0.
258	258	272	Qs	0.	0.	0.
258	258	273	Qs	0.	0.	0.
258	258	299	Qs	0.	0.	0.
258	258	298	Qs	0.	0.	0.
258	258	272	T+	-0.88526	-0.88526	6.537E-17
258	258	273	T+	-0.88526	-0.88526	-1.046E-15
258	258	299	T+	-0.88526	-0.88526	5.732E-17
258	258	298	T+	-0.88526	-0.88526	1.329E-15

Table 27: Element Forces - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	F11	F22	F12
				KN/mm	KN/mm	KN/mm
258	258	272	T-	0.88526	0.88526	-6.537E-17
258	258	273	T-	0.88526	0.88526	1.046E-15
258	258	299	T-	0.88526	0.88526	-5.732E-17
258	258	298	T-	0.88526	0.88526	-1.329E-15
258	258	272	W	0.	0.	0.
258	258	273	W	0.	0.	0.
258	258	299	W	0.	0.	0.
258	258	298	W	0.	0.	0.
258	258	272	Qm-1	0.	0.	0.
258	258	273	Qm-1	0.	0.	0.
258	258	299	Qm-1	0.	0.	0.
258	258	298	Qm-1	0.	0.	0.
258	258	272	Qm-2	0.	0.	0.
258	258	273	Qm-2	0.	0.	0.
258	258	299	Qm-2	0.	0.	0.
258	258	298	Qm-2	0.	0.	0.
259	259	273	DEAD	0.	0.	0.
259	259	274	DEAD	0.	0.	0.
259	259	300	DEAD	0.	0.	0.
259	259	299	DEAD	0.	0.	0.
259	259	273	G1	0.	0.	0.
259	259	274	G1	0.	0.	0.
259	259	300	G1	0.	0.	0.
259	259	299	G1	0.	0.	0.
259	259	273	G2	0.	0.	0.
259	259	274	G2	0.	0.	0.
259	259	300	G2	0.	0.	0.
259	259	299	G2	0.	0.	0.
259	259	273	Qm	0.	0.	0.
259	259	274	Qm	0.	0.	0.
259	259	300	Qm	0.	0.	0.
259	259	299	Qm	0.	0.	0.
259	259	273	Qs	0.	0.	0.
259	259	274	Qs	0.	0.	0.
259	259	300	Qs	0.	0.	0.
259	259	299	Qs	0.	0.	0.
259	259	273	T+	-0.88526	-0.88526	-3.461E-16
259	259	274	T+	-0.88526	-0.88526	-1.368E-15
259	259	300	T+	-0.88526	-0.88526	-1.874E-17
259	259	299	T+	-0.88526	-0.88526	1.123E-15
259	259	273	T-	0.88526	0.88526	3.461E-16
259	259	274	T-	0.88526	0.88526	1.368E-15
259	259	300	T-	0.88526	0.88526	1.874E-17
259	259	299	T-	0.88526	0.88526	-1.123E-15
259	259	273	W	0.	0.	0.
259	259	274	W	0.	0.	0.
259	259	300	W	0.	0.	0.
259	259	299	W	0.	0.	0.
259	259	273	Qm-1	0.	0.	0.
259	259	274	Qm-1	0.	0.	0.
259	259	300	Qm-1	0.	0.	0.
259	259	299	Qm-1	0.	0.	0.
259	259	273	Qm-2	0.	0.	0.
259	259	274	Qm-2	0.	0.	0.

Table 27: Element Forces - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	F11	F22	F12
				KN/mm	KN/mm	KN/mm
259	259	300	Qm-2	0.	0.	0.
259	259	299	Qm-2	0.	0.	0.
260	260	274	DEAD	0.	0.	0.
260	260	275	DEAD	0.	0.	0.
260	260	301	DEAD	0.	0.	0.
260	260	300	DEAD	0.	0.	0.
260	260	274	G1	0.	0.	0.
260	260	275	G1	0.	0.	0.
260	260	301	G1	0.	0.	0.
260	260	300	G1	0.	0.	0.
260	260	274	G2	0.	0.	0.
260	260	275	G2	0.	0.	0.
260	260	301	G2	0.	0.	0.
260	260	300	G2	0.	0.	0.
260	260	274	Qm	0.	0.	0.
260	260	275	Qm	0.	0.	0.
260	260	301	Qm	0.	0.	0.
260	260	300	Qm	0.	0.	0.
260	260	274	Qs	0.	0.	0.
260	260	275	Qs	0.	0.	0.
260	260	301	Qs	0.	0.	0.
260	260	300	Qs	0.	0.	0.
260	260	274	T+	-0.88526	-0.88526	-2.958E-16
260	260	275	T+	-0.88526	-0.88526	1.825E-15
260	260	301	T+	-0.88526	-0.88526	3.451E-16
260	260	300	T+	-0.88526	-0.88526	-1.736E-15
260	260	274	T-	0.88526	0.88526	2.958E-16
260	260	275	T-	0.88526	0.88526	-1.825E-15
260	260	301	T-	0.88526	0.88526	-3.451E-16
260	260	300	T-	0.88526	0.88526	1.736E-15
260	260	274	W	0.	0.	0.
260	260	275	W	0.	0.	0.
260	260	301	W	0.	0.	0.
260	260	300	W	0.	0.	0.
260	260	274	Qm-1	0.	0.	0.
260	260	275	Qm-1	0.	0.	0.
260	260	301	Qm-1	0.	0.	0.
260	260	300	Qm-1	0.	0.	0.
260	260	274	Qm-2	0.	0.	0.
260	260	275	Qm-2	0.	0.	0.
260	260	301	Qm-2	0.	0.	0.
260	260	300	Qm-2	0.	0.	0.
261	261	275	DEAD	0.	0.	0.
261	261	276	DEAD	0.	0.	0.
261	261	302	DEAD	0.	0.	0.
261	261	301	DEAD	0.	0.	0.
261	261	275	G1	0.	0.	0.
261	261	276	G1	0.	0.	0.
261	261	302	G1	0.	0.	0.
261	261	301	G1	0.	0.	0.
261	261	275	G2	0.	0.	0.
261	261	276	G2	0.	0.	0.
261	261	302	G2	0.	0.	0.
261	261	301	G2	0.	0.	0.

Table 27: Element Forces - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	F11	F22	F12
				KN/mm	KN/mm	KN/mm
261	261	275	Qm	0.	0.	0.
261	261	276	Qm	0.	0.	0.
261	261	302	Qm	0.	0.	0.
261	261	301	Qm	0.	0.	0.
261	261	275	Qs	0.	0.	0.
261	261	276	Qs	0.	0.	0.
261	261	302	Qs	0.	0.	0.
261	261	301	Qs	0.	0.	0.
261	261	275	T+	-0.88526	-0.88526	-4.920E-17
261	261	276	T+	-0.88526	-0.88526	-3.393E-16
261	261	302	T+	-0.88526	-0.88526	-2.856E-16
261	261	301	T+	-0.88526	-0.88526	-3.548E-17
261	261	275	T-	0.88526	0.88526	4.920E-17
261	261	276	T-	0.88526	0.88526	3.393E-16
261	261	302	T-	0.88526	0.88526	2.856E-16
261	261	301	T-	0.88526	0.88526	3.548E-17
261	261	275	W	0.	0.	0.
261	261	276	W	0.	0.	0.
261	261	302	W	0.	0.	0.
261	261	301	W	0.	0.	0.
261	261	275	Qm-1	0.	0.	0.
261	261	276	Qm-1	0.	0.	0.
261	261	302	Qm-1	0.	0.	0.
261	261	301	Qm-1	0.	0.	0.
261	261	275	Qm-2	0.	0.	0.
261	261	276	Qm-2	0.	0.	0.
261	261	302	Qm-2	0.	0.	0.
261	261	301	Qm-2	0.	0.	0.
262	262	276	DEAD	0.	0.	0.
262	262	277	DEAD	0.	0.	0.
262	262	303	DEAD	0.	0.	0.
262	262	302	DEAD	0.	0.	0.
262	262	276	G1	0.	0.	0.
262	262	277	G1	0.	0.	0.
262	262	303	G1	0.	0.	0.
262	262	302	G1	0.	0.	0.
262	262	276	G2	0.	0.	0.
262	262	277	G2	0.	0.	0.
262	262	303	G2	0.	0.	0.
262	262	302	G2	0.	0.	0.
262	262	276	Qm	0.	0.	0.
262	262	277	Qm	0.	0.	0.
262	262	303	Qm	0.	0.	0.
262	262	302	Qm	0.	0.	0.
262	262	276	Qs	0.	0.	0.
262	262	277	Qs	0.	0.	0.
262	262	303	Qs	0.	0.	0.
262	262	302	Qs	0.	0.	0.
262	262	276	T+	-0.88526	-0.88526	-2.566E-16
262	262	277	T+	-0.88526	-0.88526	2.306E-17
262	262	303	T+	-0.88526	-0.88526	3.197E-16
262	262	302	T+	-0.88526	-0.88526	1.600E-16
262	262	276	T-	0.88526	0.88526	2.566E-16
262	262	277	T-	0.88526	0.88526	-2.306E-17

Table 27: Element Forces - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	F11	F22	F12
				KN/mm	KN/mm	KN/mm
262	262	303	T-	0.88526	0.88526	-3.197E-16
262	262	302	T-	0.88526	0.88526	-1.600E-16
262	262	276	W	0.	0.	0.
262	262	277	W	0.	0.	0.
262	262	303	W	0.	0.	0.
262	262	302	W	0.	0.	0.
262	262	276	Qm-1	0.	0.	0.
262	262	277	Qm-1	0.	0.	0.
262	262	303	Qm-1	0.	0.	0.
262	262	302	Qm-1	0.	0.	0.
262	262	276	Qm-2	0.	0.	0.
262	262	277	Qm-2	0.	0.	0.
262	262	303	Qm-2	0.	0.	0.
262	262	302	Qm-2	0.	0.	0.
263	263	277	DEAD	0.	0.	0.
263	263	278	DEAD	0.	0.	0.
263	263	304	DEAD	0.	0.	0.
263	263	303	DEAD	0.	0.	0.
263	263	277	G1	0.	0.	0.
263	263	278	G1	0.	0.	0.
263	263	304	G1	0.	0.	0.
263	263	303	G1	0.	0.	0.
263	263	277	G2	0.	0.	0.
263	263	278	G2	0.	0.	0.
263	263	304	G2	0.	0.	0.
263	263	303	G2	0.	0.	0.
263	263	277	Qm	0.	0.	0.
263	263	278	Qm	0.	0.	0.
263	263	304	Qm	0.	0.	0.
263	263	303	Qm	0.	0.	0.
263	263	277	Qs	0.	0.	0.
263	263	278	Qs	0.	0.	0.
263	263	304	Qs	0.	0.	0.
263	263	303	Qs	0.	0.	0.
263	263	277	T+	-0.88526	-0.88526	-3.192E-17
263	263	278	T+	-0.88526	-0.88526	7.530E-16
263	263	304	T+	-0.88526	-0.88526	-9.347E-18
263	263	303	T+	-0.88526	-0.88526	-7.542E-16
263	263	277	T-	0.88526	0.88526	3.192E-17
263	263	278	T-	0.88526	0.88526	-7.530E-16
263	263	304	T-	0.88526	0.88526	9.347E-18
263	263	303	T-	0.88526	0.88526	7.542E-16
263	263	277	W	0.	0.	0.
263	263	278	W	0.	0.	0.
263	263	304	W	0.	0.	0.
263	263	303	W	0.	0.	0.
263	263	277	Qm-1	0.	0.	0.
263	263	278	Qm-1	0.	0.	0.
263	263	304	Qm-1	0.	0.	0.
263	263	303	Qm-1	0.	0.	0.
263	263	277	Qm-2	0.	0.	0.
263	263	278	Qm-2	0.	0.	0.
263	263	304	Qm-2	0.	0.	0.
263	263	303	Qm-2	0.	0.	0.

Table 27: Element Forces - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	F11	F22	F12
				KN/mm	KN/mm	KN/mm
264	264	278	DEAD	0.	0.	0.
264	264	279	DEAD	0.	0.	0.
264	264	305	DEAD	0.	0.	0.
264	264	304	DEAD	0.	0.	0.
264	264	278	G1	0.	0.	0.
264	264	279	G1	0.	0.	0.
264	264	305	G1	0.	0.	0.
264	264	304	G1	0.	0.	0.
264	264	278	G2	0.	0.	0.
264	264	279	G2	0.	0.	0.
264	264	305	G2	0.	0.	0.
264	264	304	G2	0.	0.	0.
264	264	278	Qm	0.	0.	0.
264	264	279	Qm	0.	0.	0.
264	264	305	Qm	0.	0.	0.
264	264	304	Qm	0.	0.	0.
264	264	278	Qs	0.	0.	0.
264	264	279	Qs	0.	0.	0.
264	264	305	Qs	0.	0.	0.
264	264	304	Qs	0.	0.	0.
264	264	278	T+	-0.88526	-0.88526	-2.699E-16
264	264	279	T+	-0.88526	-0.88526	-8.385E-16
264	264	305	T+	-0.88526	-0.88526	2.322E-16
264	264	304	T+	-0.88526	-0.88526	6.807E-16
264	264	278	T-	0.88526	0.88526	2.699E-16
264	264	279	T-	0.88526	0.88526	8.385E-16
264	264	305	T-	0.88526	0.88526	-2.322E-16
264	264	304	T-	0.88526	0.88526	-6.807E-16
264	264	278	W	0.	0.	0.
264	264	279	W	0.	0.	0.
264	264	305	W	0.	0.	0.
264	264	304	W	0.	0.	0.
264	264	278	Qm-1	0.	0.	0.
264	264	279	Qm-1	0.	0.	0.
264	264	305	Qm-1	0.	0.	0.
264	264	304	Qm-1	0.	0.	0.
264	264	278	Qm-2	0.	0.	0.
264	264	279	Qm-2	0.	0.	0.
264	264	305	Qm-2	0.	0.	0.
264	264	304	Qm-2	0.	0.	0.
265	265	279	DEAD	0.	0.	0.
265	265	280	DEAD	0.	0.	0.
265	265	306	DEAD	0.	0.	0.
265	265	305	DEAD	0.	0.	0.
265	265	279	G1	0.	0.	0.
265	265	280	G1	0.	0.	0.
265	265	306	G1	0.	0.	0.
265	265	305	G1	0.	0.	0.
265	265	279	G2	0.	0.	0.
265	265	280	G2	0.	0.	0.
265	265	306	G2	0.	0.	0.
265	265	305	G2	0.	0.	0.
265	265	279	Qm	0.	0.	0.
265	265	280	Qm	0.	0.	0.

Table 27: Element Forces - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	F11	F22	F12
				KN/mm	KN/mm	KN/mm
265	265	306	Qm	0.	0.	0.
265	265	305	Qm	0.	0.	0.
265	265	279	Qs	0.	0.	0.
265	265	280	Qs	0.	0.	0.
265	265	306	Qs	0.	0.	0.
265	265	305	Qs	0.	0.	0.
265	265	279	T+	-0.88526	-0.88526	1.966E-16
265	265	280	T+	-0.88526	-0.88526	-2.600E-16
265	265	306	T+	-0.88526	-0.88526	-1.335E-16
265	265	305	T+	-0.88526	-0.88526	4.431E-16
265	265	279	T-	0.88526	0.88526	-1.966E-16
265	265	280	T-	0.88526	0.88526	2.600E-16
265	265	306	T-	0.88526	0.88526	1.335E-16
265	265	305	T-	0.88526	0.88526	-4.431E-16
265	265	279	W	0.	0.	0.
265	265	280	W	0.	0.	0.
265	265	306	W	0.	0.	0.
265	265	305	W	0.	0.	0.
265	265	279	Qm-1	0.	0.	0.
265	265	280	Qm-1	0.	0.	0.
265	265	306	Qm-1	0.	0.	0.
265	265	305	Qm-1	0.	0.	0.
265	265	279	Qm-2	0.	0.	0.
265	265	280	Qm-2	0.	0.	0.
265	265	306	Qm-2	0.	0.	0.
265	265	305	Qm-2	0.	0.	0.
266	266	280	DEAD	0.	0.	0.
266	266	281	DEAD	0.	0.	0.
266	266	307	DEAD	0.	0.	0.
266	266	306	DEAD	0.	0.	0.
266	266	280	G1	0.	0.	0.
266	266	281	G1	0.	0.	0.
266	266	307	G1	0.	0.	0.
266	266	306	G1	0.	0.	0.
266	266	280	G2	0.	0.	0.
266	266	281	G2	0.	0.	0.
266	266	307	G2	0.	0.	0.
266	266	306	G2	0.	0.	0.
266	266	280	Qm	0.	0.	0.
266	266	281	Qm	0.	0.	0.
266	266	307	Qm	0.	0.	0.
266	266	306	Qm	0.	0.	0.
266	266	280	Qs	0.	0.	0.
266	266	281	Qs	0.	0.	0.
266	266	307	Qs	0.	0.	0.
266	266	306	Qs	0.	0.	0.
266	266	280	T+	-0.88526	-0.88526	-4.981E-17
266	266	281	T+	-0.88526	-0.88526	-2.456E-16
266	266	307	T+	-0.88526	-0.88526	1.165E-17
266	266	306	T+	-0.88526	-0.88526	2.074E-16
266	266	280	T-	0.88526	0.88526	4.981E-17
266	266	281	T-	0.88526	0.88526	2.456E-16
266	266	307	T-	0.88526	0.88526	-1.165E-17
266	266	306	T-	0.88526	0.88526	-2.074E-16

Table 27: Element Forces - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	F11	F22	F12
				KN/mm	KN/mm	KN/mm
266	266	280	W	0.	0.	0.
266	266	281	W	0.	0.	0.
266	266	307	W	0.	0.	0.
266	266	306	W	0.	0.	0.
266	266	280	Qm-1	0.	0.	0.
266	266	281	Qm-1	0.	0.	0.
266	266	307	Qm-1	0.	0.	0.
266	266	306	Qm-1	0.	0.	0.
266	266	280	Qm-2	0.	0.	0.
266	266	281	Qm-2	0.	0.	0.
266	266	307	Qm-2	0.	0.	0.
266	266	306	Qm-2	0.	0.	0.
267	267	281	DEAD	0.	0.	0.
267	267	282	DEAD	0.	0.	0.
267	267	308	DEAD	0.	0.	0.
267	267	307	DEAD	0.	0.	0.
267	267	281	G1	0.	0.	0.
267	267	282	G1	0.	0.	0.
267	267	308	G1	0.	0.	0.
267	267	307	G1	0.	0.	0.
267	267	281	G2	0.	0.	0.
267	267	282	G2	0.	0.	0.
267	267	308	G2	0.	0.	0.
267	267	307	G2	0.	0.	0.
267	267	281	Qm	0.	0.	0.
267	267	282	Qm	0.	0.	0.
267	267	308	Qm	0.	0.	0.
267	267	307	Qm	0.	0.	0.
267	267	281	Qs	0.	0.	0.
267	267	282	Qs	0.	0.	0.
267	267	308	Qs	0.	0.	0.
267	267	307	Qs	0.	0.	0.
267	267	281	T+	-0.88526	-0.88526	1.654E-17
267	267	282	T+	-0.88526	-0.88526	-1.065E-15
267	267	308	T+	-0.88526	-0.88526	6.581E-18
267	267	307	T+	-0.88526	-0.88526	1.048E-15
267	267	281	T-	0.88526	0.88526	-1.654E-17
267	267	282	T-	0.88526	0.88526	1.065E-15
267	267	308	T-	0.88526	0.88526	-6.581E-18
267	267	307	T-	0.88526	0.88526	-1.048E-15
267	267	281	W	0.	0.	0.
267	267	282	W	0.	0.	0.
267	267	308	W	0.	0.	0.
267	267	307	W	0.	0.	0.
267	267	281	Qm-1	0.	0.	0.
267	267	282	Qm-1	0.	0.	0.
267	267	308	Qm-1	0.	0.	0.
267	267	307	Qm-1	0.	0.	0.
267	267	281	Qm-2	0.	0.	0.
267	267	282	Qm-2	0.	0.	0.
267	267	308	Qm-2	0.	0.	0.
267	267	307	Qm-2	0.	0.	0.
268	268	282	DEAD	0.	0.	0.
268	268	283	DEAD	0.	0.	0.

Table 27: Element Forces - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	F11	F22	F12
				KN/mm	KN/mm	KN/mm
268	268	309	DEAD	0.	0.	0.
268	268	308	DEAD	0.	0.	0.
268	268	282	G1	0.	0.	0.
268	268	283	G1	0.	0.	0.
268	268	309	G1	0.	0.	0.
268	268	308	G1	0.	0.	0.
268	268	282	G2	0.	0.	0.
268	268	283	G2	0.	0.	0.
268	268	309	G2	0.	0.	0.
268	268	308	G2	0.	0.	0.
268	268	282	Qm	0.	0.	0.
268	268	283	Qm	0.	0.	0.
268	268	309	Qm	0.	0.	0.
268	268	308	Qm	0.	0.	0.
268	268	282	Qs	0.	0.	0.
268	268	283	Qs	0.	0.	0.
268	268	309	Qs	0.	0.	0.
268	268	308	Qs	0.	0.	0.
268	268	282	T+	-0.88526	-0.88526	-3.818E-16
268	268	283	T+	-0.88526	-0.88526	1.065E-15
268	268	309	T+	-0.88526	-0.88526	3.431E-16
268	268	308	T+	-0.88526	-0.88526	-1.184E-15
268	268	282	T-	0.88526	0.88526	3.818E-16
268	268	283	T-	0.88526	0.88526	-1.065E-15
268	268	309	T-	0.88526	0.88526	-3.431E-16
268	268	308	T-	0.88526	0.88526	1.184E-15
268	268	282	W	0.	0.	0.
268	268	283	W	0.	0.	0.
268	268	309	W	0.	0.	0.
268	268	308	W	0.	0.	0.
268	268	282	Qm-1	0.	0.	0.
268	268	283	Qm-1	0.	0.	0.
268	268	309	Qm-1	0.	0.	0.
268	268	308	Qm-1	0.	0.	0.
268	268	282	Qm-2	0.	0.	0.
268	268	283	Qm-2	0.	0.	0.
268	268	309	Qm-2	0.	0.	0.
268	268	308	Qm-2	0.	0.	0.
269	269	283	DEAD	0.	0.	0.
269	269	284	DEAD	0.	0.	0.
269	269	310	DEAD	0.	0.	0.
269	269	309	DEAD	0.	0.	0.
269	269	283	G1	0.	0.	0.
269	269	284	G1	0.	0.	0.
269	269	310	G1	0.	0.	0.
269	269	309	G1	0.	0.	0.
269	269	283	G2	0.	0.	0.
269	269	284	G2	0.	0.	0.
269	269	310	G2	0.	0.	0.
269	269	309	G2	0.	0.	0.
269	269	283	Qm	0.	0.	0.
269	269	284	Qm	0.	0.	0.
269	269	310	Qm	0.	0.	0.
269	269	309	Qm	0.	0.	0.

Table 27: Element Forces - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	F11	F22	F12
				KN/mm	KN/mm	KN/mm
269	269	283	Qs	0.	0.	0.
269	269	284	Qs	0.	0.	0.
269	269	310	Qs	0.	0.	0.
269	269	309	Qs	0.	0.	0.
269	269	283	T+	-0.88526	-0.88526	2.921E-16
269	269	284	T+	-0.88526	-0.88526	3.795E-16
269	269	310	T+	-0.88526	-0.88526	-2.284E-16
269	269	309	T+	-0.88526	-0.88526	-2.758E-16
269	269	283	T-	0.88526	0.88526	-2.921E-16
269	269	284	T-	0.88526	0.88526	-3.795E-16
269	269	310	T-	0.88526	0.88526	2.284E-16
269	269	309	T-	0.88526	0.88526	2.758E-16
269	269	283	W	0.	0.	0.
269	269	284	W	0.	0.	0.
269	269	310	W	0.	0.	0.
269	269	309	W	0.	0.	0.
269	269	283	Qm-1	0.	0.	0.
269	269	284	Qm-1	0.	0.	0.
269	269	310	Qm-1	0.	0.	0.
269	269	309	Qm-1	0.	0.	0.
269	269	283	Qm-2	0.	0.	0.
269	269	284	Qm-2	0.	0.	0.
269	269	310	Qm-2	0.	0.	0.
269	269	309	Qm-2	0.	0.	0.
270	270	284	DEAD	0.	0.	0.
270	270	285	DEAD	0.	0.	0.
270	270	311	DEAD	0.	0.	0.
270	270	310	DEAD	0.	0.	0.
270	270	284	G1	0.	0.	0.
270	270	285	G1	0.	0.	0.
270	270	311	G1	0.	0.	0.
270	270	310	G1	0.	0.	0.
270	270	284	G2	0.	0.	0.
270	270	285	G2	0.	0.	0.
270	270	311	G2	0.	0.	0.
270	270	310	G2	0.	0.	0.
270	270	284	Qm	0.	0.	0.
270	270	285	Qm	0.	0.	0.
270	270	311	Qm	0.	0.	0.
270	270	310	Qm	0.	0.	0.
270	270	284	Qs	0.	0.	0.
270	270	285	Qs	0.	0.	0.
270	270	311	Qs	0.	0.	0.
270	270	310	Qs	0.	0.	0.
270	270	284	T+	-0.88526	-0.88526	-1.322E-16
270	270	285	T+	-0.88526	-0.88526	-1.020E-15
270	270	311	T+	-0.88526	-0.88526	7.340E-17
270	270	310	T+	-0.88526	-0.88526	9.610E-16
270	270	284	T-	0.88526	0.88526	1.322E-16
270	270	285	T-	0.88526	0.88526	1.020E-15
270	270	311	T-	0.88526	0.88526	-7.340E-17
270	270	310	T-	0.88526	0.88526	-9.610E-16
270	270	284	W	0.	0.	0.
270	270	285	W	0.	0.	0.

Table 27: Element Forces - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	F11	F22	F12
				KN/mm	KN/mm	KN/mm
270	270	311	W	0.	0.	0.
270	270	310	W	0.	0.	0.
270	270	284	Qm-1	0.	0.	0.
270	270	285	Qm-1	0.	0.	0.
270	270	311	Qm-1	0.	0.	0.
270	270	310	Qm-1	0.	0.	0.
270	270	284	Qm-2	0.	0.	0.
270	270	285	Qm-2	0.	0.	0.
270	270	311	Qm-2	0.	0.	0.
270	270	310	Qm-2	0.	0.	0.
271	271	285	DEAD	0.	0.	0.
271	271	286	DEAD	0.	0.	0.
271	271	312	DEAD	0.	0.	0.
271	271	311	DEAD	0.	0.	0.
271	271	285	G1	0.	0.	0.
271	271	286	G1	0.	0.	0.
271	271	312	G1	0.	0.	0.
271	271	311	G1	0.	0.	0.
271	271	285	G2	0.	0.	0.
271	271	286	G2	0.	0.	0.
271	271	312	G2	0.	0.	0.
271	271	311	G2	0.	0.	0.
271	271	285	Qm	0.	0.	0.
271	271	286	Qm	0.	0.	0.
271	271	312	Qm	0.	0.	0.
271	271	311	Qm	0.	0.	0.
271	271	285	Qs	0.	0.	0.
271	271	286	Qs	0.	0.	0.
271	271	312	Qs	0.	0.	0.
271	271	311	Qs	0.	0.	0.
271	271	285	T+	-0.88526	-0.88526	-2.718E-19
271	271	286	T+	-0.88526	-0.88526	8.409E-16
271	271	312	T+	-0.88526	-0.88526	-5.735E-17
271	271	311	T+	-0.88526	-0.88526	-9.785E-16
271	271	285	T-	0.88526	0.88526	2.718E-19
271	271	286	T-	0.88526	0.88526	-8.409E-16
271	271	312	T-	0.88526	0.88526	5.735E-17
271	271	311	T-	0.88526	0.88526	9.785E-16
271	271	285	W	0.	0.	0.
271	271	286	W	0.	0.	0.
271	271	312	W	0.	0.	0.
271	271	311	W	0.	0.	0.
271	271	285	Qm-1	0.	0.	0.
271	271	286	Qm-1	0.	0.	0.
271	271	312	Qm-1	0.	0.	0.
271	271	311	Qm-1	0.	0.	0.
271	271	285	Qm-2	0.	0.	0.
271	271	286	Qm-2	0.	0.	0.
271	271	312	Qm-2	0.	0.	0.
271	271	311	Qm-2	0.	0.	0.
272	272	286	DEAD	0.	0.	0.
272	272	287	DEAD	0.	0.	0.
272	272	313	DEAD	0.	0.	0.
272	272	312	DEAD	0.	0.	0.

Table 27: Element Forces - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	F11	F22	F12
				KN/mm	KN/mm	KN/mm
272	272	286	G1	0.	0.	0.
272	272	287	G1	0.	0.	0.
272	272	313	G1	0.	0.	0.
272	272	312	G1	0.	0.	0.
272	272	286	G2	0.	0.	0.
272	272	287	G2	0.	0.	0.
272	272	313	G2	0.	0.	0.
272	272	312	G2	0.	0.	0.
272	272	286	Qm	0.	0.	0.
272	272	287	Qm	0.	0.	0.
272	272	313	Qm	0.	0.	0.
272	272	312	Qm	0.	0.	0.
272	272	286	Qs	0.	0.	0.
272	272	287	Qs	0.	0.	0.
272	272	313	Qs	0.	0.	0.
272	272	312	Qs	0.	0.	0.
272	272	286	T+	-0.88526	-0.88526	-3.174E-17
272	272	287	T+	-0.88526	-0.88526	1.831E-16
272	272	313	T+	-0.88526	-0.88526	-4.618E-17
272	272	312	T+	-0.88526	-0.88526	-1.810E-16
272	272	286	T-	0.88526	0.88526	3.174E-17
272	272	287	T-	0.88526	0.88526	-1.831E-16
272	272	313	T-	0.88526	0.88526	4.618E-17
272	272	312	T-	0.88526	0.88526	1.810E-16
272	272	286	W	0.	0.	0.
272	272	287	W	0.	0.	0.
272	272	313	W	0.	0.	0.
272	272	312	W	0.	0.	0.
272	272	286	Qm-1	0.	0.	0.
272	272	287	Qm-1	0.	0.	0.
272	272	313	Qm-1	0.	0.	0.
272	272	312	Qm-1	0.	0.	0.
272	272	286	Qm-2	0.	0.	0.
272	272	287	Qm-2	0.	0.	0.
272	272	313	Qm-2	0.	0.	0.
272	272	312	Qm-2	0.	0.	0.
273	273	287	DEAD	0.	0.	0.
273	273	288	DEAD	0.	0.	0.
273	273	314	DEAD	0.	0.	0.
273	273	313	DEAD	0.	0.	0.
273	273	287	G1	0.	0.	0.
273	273	288	G1	0.	0.	0.
273	273	314	G1	0.	0.	0.
273	273	313	G1	0.	0.	0.
273	273	287	G2	0.	0.	0.
273	273	288	G2	0.	0.	0.
273	273	314	G2	0.	0.	0.
273	273	313	G2	0.	0.	0.
273	273	287	Qm	0.	0.	0.
273	273	288	Qm	0.	0.	0.
273	273	314	Qm	0.	0.	0.
273	273	313	Qm	0.	0.	0.
273	273	287	Qs	0.	0.	0.
273	273	288	Qs	0.	0.	0.

Table 27: Element Forces - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	F11	F22	F12
				KN/mm	KN/mm	KN/mm
273	273	314	Qs	0.	0.	0.
273	273	313	Qs	0.	0.	0.
273	273	287	T+	-0.88526	-0.88526	-7.884E-17
273	273	288	T+	-0.88526	-0.88526	-3.417E-17
273	273	314	T+	-0.88526	-0.88526	3.401E-18
273	273	313	T+	-0.88526	-0.88526	-1.279E-18
273	273	287	T-	0.88526	0.88526	7.884E-17
273	273	288	T-	0.88526	0.88526	3.417E-17
273	273	314	T-	0.88526	0.88526	-3.401E-18
273	273	313	T-	0.88526	0.88526	1.279E-18
273	273	287	W	0.	0.	0.
273	273	288	W	0.	0.	0.
273	273	314	W	0.	0.	0.
273	273	313	W	0.	0.	0.
273	273	287	Qm-1	0.	0.	0.
273	273	288	Qm-1	0.	0.	0.
273	273	314	Qm-1	0.	0.	0.
273	273	313	Qm-1	0.	0.	0.
273	273	287	Qm-2	0.	0.	0.
273	273	288	Qm-2	0.	0.	0.
273	273	314	Qm-2	0.	0.	0.
273	273	313	Qm-2	0.	0.	0.
274	274	288	DEAD	0.	0.	0.
274	274	289	DEAD	0.	0.	0.
274	274	315	DEAD	0.	0.	0.
274	274	314	DEAD	0.	0.	0.
274	274	288	G1	0.	0.	0.
274	274	289	G1	0.	0.	0.
274	274	315	G1	0.	0.	0.
274	274	314	G1	0.	0.	0.
274	274	288	G2	0.	0.	0.
274	274	289	G2	0.	0.	0.
274	274	315	G2	0.	0.	0.
274	274	314	G2	0.	0.	0.
274	274	288	Qm	0.	0.	0.
274	274	289	Qm	0.	0.	0.
274	274	315	Qm	0.	0.	0.
274	274	314	Qm	0.	0.	0.
274	274	288	Qs	0.	0.	0.
274	274	289	Qs	0.	0.	0.
274	274	315	Qs	0.	0.	0.
274	274	314	Qs	0.	0.	0.
274	274	288	T+	-0.88526	-0.88526	-1.050E-16
274	274	289	T+	-0.88526	-0.88526	6.189E-16
274	274	315	T+	-0.88526	-0.88526	1.357E-16
274	274	314	T+	-0.88526	-0.88526	-6.682E-16
274	274	288	T-	0.88526	0.88526	1.050E-16
274	274	289	T-	0.88526	0.88526	-6.189E-16
274	274	315	T-	0.88526	0.88526	-1.357E-16
274	274	314	T-	0.88526	0.88526	6.682E-16
274	274	288	W	0.	0.	0.
274	274	289	W	0.	0.	0.
274	274	315	W	0.	0.	0.
274	274	314	W	0.	0.	0.

Table 27: Element Forces - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	F11	F22	F12
				KN/mm	KN/mm	KN/mm
274	274	288	Qm-1	0.	0.	0.
274	274	289	Qm-1	0.	0.	0.
274	274	315	Qm-1	0.	0.	0.
274	274	314	Qm-1	0.	0.	0.
274	274	288	Qm-2	0.	0.	0.
274	274	289	Qm-2	0.	0.	0.
274	274	315	Qm-2	0.	0.	0.
274	274	314	Qm-2	0.	0.	0.
275	275	289	DEAD	0.	0.	0.
275	275	290	DEAD	0.	0.	0.
275	275	316	DEAD	0.	0.	0.
275	275	315	DEAD	0.	0.	0.
275	275	289	G1	0.	0.	0.
275	275	290	G1	0.	0.	0.
275	275	316	G1	0.	0.	0.
275	275	315	G1	0.	0.	0.
275	275	289	G2	0.	0.	0.
275	275	290	G2	0.	0.	0.
275	275	316	G2	0.	0.	0.
275	275	315	G2	0.	0.	0.
275	275	289	Qm	0.	0.	0.
275	275	290	Qm	0.	0.	0.
275	275	316	Qm	0.	0.	0.
275	275	315	Qm	0.	0.	0.
275	275	289	Qs	0.	0.	0.
275	275	290	Qs	0.	0.	0.
275	275	316	Qs	0.	0.	0.
275	275	315	Qs	0.	0.	0.
275	275	289	T+	-0.88526	-0.88526	-1.740E-16
275	275	290	T+	-0.88526	-0.88526	-8.100E-17
275	275	316	T+	-0.88526	-0.88526	6.843E-17
275	275	315	T+	-0.88526	-0.88526	5.542E-17
275	275	289	T-	0.88526	0.88526	1.740E-16
275	275	290	T-	0.88526	0.88526	8.100E-17
275	275	316	T-	0.88526	0.88526	-6.843E-17
275	275	315	T-	0.88526	0.88526	-5.542E-17
275	275	289	W	0.	0.	0.
275	275	290	W	0.	0.	0.
275	275	316	W	0.	0.	0.
275	275	315	W	0.	0.	0.
275	275	289	Qm-1	0.	0.	0.
275	275	290	Qm-1	0.	0.	0.
275	275	316	Qm-1	0.	0.	0.
275	275	315	Qm-1	0.	0.	0.
275	275	289	Qm-2	0.	0.	0.
275	275	290	Qm-2	0.	0.	0.
275	275	316	Qm-2	0.	0.	0.
275	275	315	Qm-2	0.	0.	0.
276	276	290	DEAD	0.	0.	0.
276	276	291	DEAD	0.	0.	0.
276	276	317	DEAD	0.	0.	0.
276	276	316	DEAD	0.	0.	0.
276	276	290	G1	0.	0.	0.
276	276	291	G1	0.	0.	0.

Table 27: Element Forces - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	F11	F22	F12
				KN/mm	KN/mm	KN/mm
276	276	317	G1	0.	0.	0.
276	276	316	G1	0.	0.	0.
276	276	290	G2	0.	0.	0.
276	276	291	G2	0.	0.	0.
276	276	317	G2	0.	0.	0.
276	276	316	G2	0.	0.	0.
276	276	290	Qm	0.	0.	0.
276	276	291	Qm	0.	0.	0.
276	276	317	Qm	0.	0.	0.
276	276	316	Qm	0.	0.	0.
276	276	290	Qs	0.	0.	0.
276	276	291	Qs	0.	0.	0.
276	276	317	Qs	0.	0.	0.
276	276	316	Qs	0.	0.	0.
276	276	290	T+	-0.88526	-0.88526	5.918E-17
276	276	291	T+	-0.88526	-0.88526	4.717E-16
276	276	317	T+	-0.88526	-0.88526	1.032E-16
276	276	316	T+	-0.88526	-0.88526	-3.493E-16
276	276	290	T-	0.88526	0.88526	-5.918E-17
276	276	291	T-	0.88526	0.88526	-4.717E-16
276	276	317	T-	0.88526	0.88526	-1.032E-16
276	276	316	T-	0.88526	0.88526	3.493E-16
276	276	290	W	0.	0.	0.
276	276	291	W	0.	0.	0.
276	276	317	W	0.	0.	0.
276	276	316	W	0.	0.	0.
276	276	290	Qm-1	0.	0.	0.
276	276	291	Qm-1	0.	0.	0.
276	276	317	Qm-1	0.	0.	0.
276	276	316	Qm-1	0.	0.	0.
276	276	290	Qm-2	0.	0.	0.
276	276	291	Qm-2	0.	0.	0.
276	276	317	Qm-2	0.	0.	0.
276	276	316	Qm-2	0.	0.	0.
277	277	291	DEAD	0.	0.	0.
277	277	292	DEAD	0.	0.	0.
277	277	318	DEAD	0.	0.	0.
277	277	317	DEAD	0.	0.	0.
277	277	291	G1	0.	0.	0.
277	277	292	G1	0.	0.	0.
277	277	318	G1	0.	0.	0.
277	277	317	G1	0.	0.	0.
277	277	291	G2	0.	0.	0.
277	277	292	G2	0.	0.	0.
277	277	318	G2	0.	0.	0.
277	277	317	G2	0.	0.	0.
277	277	291	Qm	0.	0.	0.
277	277	292	Qm	0.	0.	0.
277	277	318	Qm	0.	0.	0.
277	277	317	Qm	0.	0.	0.
277	277	291	Qs	0.	0.	0.
277	277	292	Qs	0.	0.	0.
277	277	318	Qs	0.	0.	0.
277	277	317	Qs	0.	0.	0.

Table 27: Element Forces - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	F11	F22	F12
				KN/mm	KN/mm	KN/mm
277	277	291	T+	-0.88526	-0.88526	-4.836E-17
277	277	292	T+	-0.88526	-0.88526	-2.005E-16
277	277	318	T+	-0.88526	-0.88526	1.122E-16
277	277	317	T+	-0.88526	-0.88526	2.643E-16
277	277	291	T-	0.88526	0.88526	4.836E-17
277	277	292	T-	0.88526	0.88526	2.005E-16
277	277	318	T-	0.88526	0.88526	-1.122E-16
277	277	317	T-	0.88526	0.88526	-2.643E-16
277	277	291	W	0.	0.	0.
277	277	292	W	0.	0.	0.
277	277	318	W	0.	0.	0.
277	277	317	W	0.	0.	0.
277	277	291	Qm-1	0.	0.	0.
277	277	292	Qm-1	0.	0.	0.
277	277	318	Qm-1	0.	0.	0.
277	277	317	Qm-1	0.	0.	0.
277	277	291	Qm-2	0.	0.	0.
277	277	292	Qm-2	0.	0.	0.
277	277	318	Qm-2	0.	0.	0.
277	277	317	Qm-2	0.	0.	0.
278	278	293	DEAD	0.	0.	0.
278	278	294	DEAD	0.	0.	0.
278	278	320	DEAD	0.	0.	0.
278	278	319	DEAD	0.	0.	0.
278	278	293	G1	0.	0.	0.
278	278	294	G1	0.	0.	0.
278	278	320	G1	0.	0.	0.
278	278	319	G1	0.	0.	0.
278	278	293	G2	0.	0.	0.
278	278	294	G2	0.	0.	0.
278	278	320	G2	0.	0.	0.
278	278	319	G2	0.	0.	0.
278	278	293	Qm	0.	0.	0.
278	278	294	Qm	0.	0.	0.
278	278	320	Qm	0.	0.	0.
278	278	319	Qm	0.	0.	0.
278	278	293	Qs	0.	0.	0.
278	278	294	Qs	0.	0.	0.
278	278	320	Qs	0.	0.	0.
278	278	319	Qs	0.	0.	0.
278	278	293	T+	-0.88526	-0.88526	-4.786E-17
278	278	294	T+	-0.88526	-0.88526	-1.615E-17
278	278	320	T+	-0.88526	-0.88526	1.110E-16
278	278	319	T+	-0.88526	-0.88526	1.992E-16
278	278	293	T-	0.88526	0.88526	4.786E-17
278	278	294	T-	0.88526	0.88526	1.615E-17
278	278	320	T-	0.88526	0.88526	-1.110E-16
278	278	319	T-	0.88526	0.88526	-1.992E-16
278	278	293	W	0.	0.	0.
278	278	294	W	0.	0.	0.
278	278	320	W	0.	0.	0.
278	278	319	W	0.	0.	0.
278	278	293	Qm-1	0.	0.	0.
278	278	294	Qm-1	0.	0.	0.

Table 27: Element Forces - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	F11	F22	F12
				KN/mm	KN/mm	KN/mm
278	278	320	Qm-1	0.	0.	0.
278	278	319	Qm-1	0.	0.	0.
278	278	293	Qm-2	0.	0.	0.
278	278	294	Qm-2	0.	0.	0.
278	278	320	Qm-2	0.	0.	0.
278	278	319	Qm-2	0.	0.	0.
279	279	294	DEAD	0.	0.	0.
279	279	295	DEAD	0.	0.	0.
279	279	321	DEAD	0.	0.	0.
279	279	320	DEAD	0.	0.	0.
279	279	294	G1	0.	0.	0.
279	279	295	G1	0.	0.	0.
279	279	321	G1	0.	0.	0.
279	279	320	G1	0.	0.	0.
279	279	294	G2	0.	0.	0.
279	279	295	G2	0.	0.	0.
279	279	321	G2	0.	0.	0.
279	279	320	G2	0.	0.	0.
279	279	294	Qm	0.	0.	0.
279	279	295	Qm	0.	0.	0.
279	279	321	Qm	0.	0.	0.
279	279	320	Qm	0.	0.	0.
279	279	294	Qs	0.	0.	0.
279	279	295	Qs	0.	0.	0.
279	279	321	Qs	0.	0.	0.
279	279	320	Qs	0.	0.	0.
279	279	294	T+	-0.88526	-0.88526	-3.504E-17
279	279	295	T+	-0.88526	-0.88526	-2.248E-16
279	279	321	T+	-0.88526	-0.88526	9.816E-17
279	279	320	T+	-0.88526	-0.88526	4.079E-16
279	279	294	T-	0.88526	0.88526	3.504E-17
279	279	295	T-	0.88526	0.88526	2.248E-16
279	279	321	T-	0.88526	0.88526	-9.816E-17
279	279	320	T-	0.88526	0.88526	-4.079E-16
279	279	294	W	0.	0.	0.
279	279	295	W	0.	0.	0.
279	279	321	W	0.	0.	0.
279	279	320	W	0.	0.	0.
279	279	294	Qm-1	0.	0.	0.
279	279	295	Qm-1	0.	0.	0.
279	279	321	Qm-1	0.	0.	0.
279	279	320	Qm-1	0.	0.	0.
279	279	294	Qm-2	0.	0.	0.
279	279	295	Qm-2	0.	0.	0.
279	279	321	Qm-2	0.	0.	0.
279	279	320	Qm-2	0.	0.	0.
280	280	295	DEAD	0.	0.	0.
280	280	296	DEAD	0.	0.	0.
280	280	322	DEAD	0.	0.	0.
280	280	321	DEAD	0.	0.	0.
280	280	295	G1	0.	0.	0.
280	280	296	G1	0.	0.	0.
280	280	322	G1	0.	0.	0.
280	280	321	G1	0.	0.	0.

Table 27: Element Forces - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	F11	F22	F12
				KN/mm	KN/mm	KN/mm
280	280	295	G2	0.	0.	0.
280	280	296	G2	0.	0.	0.
280	280	322	G2	0.	0.	0.
280	280	321	G2	0.	0.	0.
280	280	295	Qm	0.	0.	0.
280	280	296	Qm	0.	0.	0.
280	280	322	Qm	0.	0.	0.
280	280	321	Qm	0.	0.	0.
280	280	295	Qs	0.	0.	0.
280	280	296	Qs	0.	0.	0.
280	280	322	Qs	0.	0.	0.
280	280	321	Qs	0.	0.	0.
280	280	295	T+	-0.88526	-0.88526	4.015E-18
280	280	296	T+	-0.88526	-0.88526	4.785E-17
280	280	322	T+	-0.88526	-0.88526	5.911E-17
280	280	321	T+	-0.88526	-0.88526	1.353E-16
280	280	295	T-	0.88526	0.88526	-4.015E-18
280	280	296	T-	0.88526	0.88526	-4.785E-17
280	280	322	T-	0.88526	0.88526	-5.911E-17
280	280	321	T-	0.88526	0.88526	-1.353E-16
280	280	295	W	0.	0.	0.
280	280	296	W	0.	0.	0.
280	280	322	W	0.	0.	0.
280	280	321	W	0.	0.	0.
280	280	295	Qm-1	0.	0.	0.
280	280	296	Qm-1	0.	0.	0.
280	280	322	Qm-1	0.	0.	0.
280	280	321	Qm-1	0.	0.	0.
280	280	295	Qm-2	0.	0.	0.
280	280	296	Qm-2	0.	0.	0.
280	280	322	Qm-2	0.	0.	0.
280	280	321	Qm-2	0.	0.	0.
281	281	296	DEAD	0.	0.	0.
281	281	297	DEAD	0.	0.	0.
281	281	323	DEAD	0.	0.	0.
281	281	322	DEAD	0.	0.	0.
281	281	296	G1	0.	0.	0.
281	281	297	G1	0.	0.	0.
281	281	323	G1	0.	0.	0.
281	281	322	G1	0.	0.	0.
281	281	296	G2	0.	0.	0.
281	281	297	G2	0.	0.	0.
281	281	323	G2	0.	0.	0.
281	281	322	G2	0.	0.	0.
281	281	296	Qm	0.	0.	0.
281	281	297	Qm	0.	0.	0.
281	281	323	Qm	0.	0.	0.
281	281	322	Qm	0.	0.	0.
281	281	296	Qs	0.	0.	0.
281	281	297	Qs	0.	0.	0.
281	281	323	Qs	0.	0.	0.
281	281	322	Qs	0.	0.	0.
281	281	296	T+	-0.88526	-0.88526	-3.318E-17
281	281	297	T+	-0.88526	-0.88526	-1.111E-15

Table 27: Element Forces - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	F11	F22	F12
				KN/mm	KN/mm	KN/mm
281	281	323	T+	-0.88526	-0.88526	1.632E-16
281	281	322	T+	-0.88526	-0.88526	1.281E-15
281	281	296	T-	0.88526	0.88526	3.318E-17
281	281	297	T-	0.88526	0.88526	1.111E-15
281	281	323	T-	0.88526	0.88526	-1.632E-16
281	281	322	T-	0.88526	0.88526	-1.281E-15
281	281	296	W	0.	0.	0.
281	281	297	W	0.	0.	0.
281	281	323	W	0.	0.	0.
281	281	322	W	0.	0.	0.
281	281	296	Qm-1	0.	0.	0.
281	281	297	Qm-1	0.	0.	0.
281	281	323	Qm-1	0.	0.	0.
281	281	322	Qm-1	0.	0.	0.
281	281	296	Qm-2	0.	0.	0.
281	281	297	Qm-2	0.	0.	0.
281	281	323	Qm-2	0.	0.	0.
281	281	322	Qm-2	0.	0.	0.
282	282	297	DEAD	0.	0.	0.
282	282	298	DEAD	0.	0.	0.
282	282	324	DEAD	0.	0.	0.
282	282	323	DEAD	0.	0.	0.
282	282	297	G1	0.	0.	0.
282	282	298	G1	0.	0.	0.
282	282	324	G1	0.	0.	0.
282	282	323	G1	0.	0.	0.
282	282	297	G2	0.	0.	0.
282	282	298	G2	0.	0.	0.
282	282	324	G2	0.	0.	0.
282	282	323	G2	0.	0.	0.
282	282	297	Qm	0.	0.	0.
282	282	298	Qm	0.	0.	0.
282	282	324	Qm	0.	0.	0.
282	282	323	Qm	0.	0.	0.
282	282	297	Qs	0.	0.	0.
282	282	298	Qs	0.	0.	0.
282	282	324	Qs	0.	0.	0.
282	282	323	Qs	0.	0.	0.
282	282	297	T+	-0.88526	-0.88526	-1.866E-16
282	282	298	T+	-0.88526	-0.88526	4.987E-16
282	282	324	T+	-0.88526	-0.88526	5.453E-17
282	282	323	T+	-0.88526	-0.88526	-5.508E-16
282	282	297	T-	0.88526	0.88526	1.866E-16
282	282	298	T-	0.88526	0.88526	-4.987E-16
282	282	324	T-	0.88526	0.88526	-5.453E-17
282	282	323	T-	0.88526	0.88526	5.508E-16
282	282	297	W	0.	0.	0.
282	282	298	W	0.	0.	0.
282	282	324	W	0.	0.	0.
282	282	323	W	0.	0.	0.
282	282	297	Qm-1	0.	0.	0.
282	282	298	Qm-1	0.	0.	0.
282	282	324	Qm-1	0.	0.	0.
282	282	323	Qm-1	0.	0.	0.

Table 27: Element Forces - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	F11	F22	F12
				KN/mm	KN/mm	KN/mm
282	282	297	Qm-2	0.	0.	0.
282	282	298	Qm-2	0.	0.	0.
282	282	324	Qm-2	0.	0.	0.
282	282	323	Qm-2	0.	0.	0.
283	283	298	DEAD	0.	0.	0.
283	283	299	DEAD	0.	0.	0.
283	283	325	DEAD	0.	0.	0.
283	283	324	DEAD	0.	0.	0.
283	283	298	G1	0.	0.	0.
283	283	299	G1	0.	0.	0.
283	283	325	G1	0.	0.	0.
283	283	324	G1	0.	0.	0.
283	283	298	G2	0.	0.	0.
283	283	299	G2	0.	0.	0.
283	283	325	G2	0.	0.	0.
283	283	324	G2	0.	0.	0.
283	283	298	Qm	0.	0.	0.
283	283	299	Qm	0.	0.	0.
283	283	325	Qm	0.	0.	0.
283	283	324	Qm	0.	0.	0.
283	283	298	Qs	0.	0.	0.
283	283	299	Qs	0.	0.	0.
283	283	325	Qs	0.	0.	0.
283	283	324	Qs	0.	0.	0.
283	283	298	T+	-0.88526	-0.88526	-5.107E-18
283	283	299	T+	-0.88526	-0.88526	-5.972E-16
283	283	325	T+	-0.88526	-0.88526	-1.457E-16
283	283	324	T+	-0.88526	-0.88526	4.064E-16
283	283	298	T-	0.88526	0.88526	5.107E-18
283	283	299	T-	0.88526	0.88526	5.972E-16
283	283	325	T-	0.88526	0.88526	1.457E-16
283	283	324	T-	0.88526	0.88526	-4.064E-16
283	283	298	W	0.	0.	0.
283	283	299	W	0.	0.	0.
283	283	325	W	0.	0.	0.
283	283	324	W	0.	0.	0.
283	283	298	Qm-1	0.	0.	0.
283	283	299	Qm-1	0.	0.	0.
283	283	325	Qm-1	0.	0.	0.
283	283	324	Qm-1	0.	0.	0.
283	283	298	Qm-2	0.	0.	0.
283	283	299	Qm-2	0.	0.	0.
283	283	325	Qm-2	0.	0.	0.
283	283	324	Qm-2	0.	0.	0.
284	284	299	DEAD	0.	0.	0.
284	284	300	DEAD	0.	0.	0.
284	284	326	DEAD	0.	0.	0.
284	284	325	DEAD	0.	0.	0.
284	284	299	G1	0.	0.	0.
284	284	300	G1	0.	0.	0.
284	284	326	G1	0.	0.	0.
284	284	325	G1	0.	0.	0.
284	284	299	G2	0.	0.	0.
284	284	300	G2	0.	0.	0.

Table 27: Element Forces - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	F11	F22	F12
				KN/mm	KN/mm	KN/mm
284	284	326	G2	0.	0.	0.
284	284	325	G2	0.	0.	0.
284	284	299	Qm	0.	0.	0.
284	284	300	Qm	0.	0.	0.
284	284	326	Qm	0.	0.	0.
284	284	325	Qm	0.	0.	0.
284	284	299	Qs	0.	0.	0.
284	284	300	Qs	0.	0.	0.
284	284	326	Qs	0.	0.	0.
284	284	325	Qs	0.	0.	0.
284	284	299	T+	-0.88526	-0.88526	1.496E-17
284	284	300	T+	-0.88526	-0.88526	6.485E-17
284	284	326	T+	-0.88526	-0.88526	4.816E-17
284	284	325	T+	-0.88526	-0.88526	1.183E-16
284	284	299	T-	0.88526	0.88526	-1.496E-17
284	284	300	T-	0.88526	0.88526	-6.485E-17
284	284	326	T-	0.88526	0.88526	-4.816E-17
284	284	325	T-	0.88526	0.88526	-1.183E-16
284	284	299	W	0.	0.	0.
284	284	300	W	0.	0.	0.
284	284	326	W	0.	0.	0.
284	284	325	W	0.	0.	0.
284	284	299	Qm-1	0.	0.	0.
284	284	300	Qm-1	0.	0.	0.
284	284	326	Qm-1	0.	0.	0.
284	284	325	Qm-1	0.	0.	0.
284	284	299	Qm-2	0.	0.	0.
284	284	300	Qm-2	0.	0.	0.
284	284	326	Qm-2	0.	0.	0.
284	284	325	Qm-2	0.	0.	0.
285	285	300	DEAD	0.	0.	0.
285	285	301	DEAD	0.	0.	0.
285	285	327	DEAD	0.	0.	0.
285	285	326	DEAD	0.	0.	0.
285	285	300	G1	0.	0.	0.
285	285	301	G1	0.	0.	0.
285	285	327	G1	0.	0.	0.
285	285	326	G1	0.	0.	0.
285	285	300	G2	0.	0.	0.
285	285	301	G2	0.	0.	0.
285	285	327	G2	0.	0.	0.
285	285	326	G2	0.	0.	0.
285	285	300	Qm	0.	0.	0.
285	285	301	Qm	0.	0.	0.
285	285	327	Qm	0.	0.	0.
285	285	326	Qm	0.	0.	0.
285	285	300	Qs	0.	0.	0.
285	285	301	Qs	0.	0.	0.
285	285	327	Qs	0.	0.	0.
285	285	326	Qs	0.	0.	0.
285	285	300	T+	-0.88526	-0.88526	2.641E-17
285	285	301	T+	-0.88526	-0.88526	-4.754E-16
285	285	327	T+	-0.88526	-0.88526	1.768E-16
285	285	326	T+	-0.88526	-0.88526	5.187E-16

Table 27: Element Forces - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	F11	F22	F12
				KN/mm	KN/mm	KN/mm
285	285	300	T-	0.88526	0.88526	-2.641E-17
285	285	301	T-	0.88526	0.88526	4.754E-16
285	285	327	T-	0.88526	0.88526	-1.768E-16
285	285	326	T-	0.88526	0.88526	-5.187E-16
285	285	300	W	0.	0.	0.
285	285	301	W	0.	0.	0.
285	285	327	W	0.	0.	0.
285	285	326	W	0.	0.	0.
285	285	300	Qm-1	0.	0.	0.
285	285	301	Qm-1	0.	0.	0.
285	285	327	Qm-1	0.	0.	0.
285	285	326	Qm-1	0.	0.	0.
285	285	300	Qm-2	0.	0.	0.
285	285	301	Qm-2	0.	0.	0.
285	285	327	Qm-2	0.	0.	0.
285	285	326	Qm-2	0.	0.	0.
286	286	301	DEAD	0.	0.	0.
286	286	302	DEAD	0.	0.	0.
286	286	328	DEAD	0.	0.	0.
286	286	327	DEAD	0.	0.	0.
286	286	301	G1	0.	0.	0.
286	286	302	G1	0.	0.	0.
286	286	328	G1	0.	0.	0.
286	286	327	G1	0.	0.	0.
286	286	301	G2	0.	0.	0.
286	286	302	G2	0.	0.	0.
286	286	328	G2	0.	0.	0.
286	286	327	G2	0.	0.	0.
286	286	301	Qm	0.	0.	0.
286	286	302	Qm	0.	0.	0.
286	286	328	Qm	0.	0.	0.
286	286	327	Qm	0.	0.	0.
286	286	301	Qs	0.	0.	0.
286	286	302	Qs	0.	0.	0.
286	286	328	Qs	0.	0.	0.
286	286	327	Qs	0.	0.	0.
286	286	301	T+	-0.88526	-0.88526	-7.578E-17
286	286	302	T+	-0.88526	-0.88526	3.315E-16
286	286	328	T+	-0.88526	-0.88526	1.294E-16
286	286	327	T+	-0.88526	-0.88526	-2.778E-16
286	286	301	T-	0.88526	0.88526	7.578E-17
286	286	302	T-	0.88526	0.88526	-3.315E-16
286	286	328	T-	0.88526	0.88526	-1.294E-16
286	286	327	T-	0.88526	0.88526	2.778E-16
286	286	301	W	0.	0.	0.
286	286	302	W	0.	0.	0.
286	286	328	W	0.	0.	0.
286	286	327	W	0.	0.	0.
286	286	301	Qm-1	0.	0.	0.
286	286	302	Qm-1	0.	0.	0.
286	286	328	Qm-1	0.	0.	0.
286	286	327	Qm-1	0.	0.	0.
286	286	301	Qm-2	0.	0.	0.
286	286	302	Qm-2	0.	0.	0.

Table 27: Element Forces - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	F11	F22	F12
				KN/mm	KN/mm	KN/mm
286	286	328	Qm-2	0.	0.	0.
286	286	327	Qm-2	0.	0.	0.
287	287	302	DEAD	0.	0.	0.
287	287	303	DEAD	0.	0.	0.
287	287	329	DEAD	0.	0.	0.
287	287	328	DEAD	0.	0.	0.
287	287	302	G1	0.	0.	0.
287	287	303	G1	0.	0.	0.
287	287	329	G1	0.	0.	0.
287	287	328	G1	0.	0.	0.
287	287	302	G2	0.	0.	0.
287	287	303	G2	0.	0.	0.
287	287	329	G2	0.	0.	0.
287	287	328	G2	0.	0.	0.
287	287	302	Qm	0.	0.	0.
287	287	303	Qm	0.	0.	0.
287	287	329	Qm	0.	0.	0.
287	287	328	Qm	0.	0.	0.
287	287	302	Qs	0.	0.	0.
287	287	303	Qs	0.	0.	0.
287	287	329	Qs	0.	0.	0.
287	287	328	Qs	0.	0.	0.
287	287	302	T+	-0.88526	-0.88526	2.509E-16
287	287	303	T+	-0.88526	-0.88526	6.368E-16
287	287	329	T+	-0.88526	-0.88526	-2.127E-16
287	287	328	T+	-0.88526	-0.88526	-5.586E-16
287	287	302	T-	0.88526	0.88526	-2.509E-16
287	287	303	T-	0.88526	0.88526	-6.368E-16
287	287	329	T-	0.88526	0.88526	2.127E-16
287	287	328	T-	0.88526	0.88526	5.586E-16
287	287	302	W	0.	0.	0.
287	287	303	W	0.	0.	0.
287	287	329	W	0.	0.	0.
287	287	328	W	0.	0.	0.
287	287	302	Qm-1	0.	0.	0.
287	287	303	Qm-1	0.	0.	0.
287	287	329	Qm-1	0.	0.	0.
287	287	328	Qm-1	0.	0.	0.
287	287	302	Qm-2	0.	0.	0.
287	287	303	Qm-2	0.	0.	0.
287	287	329	Qm-2	0.	0.	0.
287	287	328	Qm-2	0.	0.	0.
288	288	303	DEAD	0.	0.	0.
288	288	304	DEAD	0.	0.	0.
288	288	330	DEAD	0.	0.	0.
288	288	329	DEAD	0.	0.	0.
288	288	303	G1	0.	0.	0.
288	288	304	G1	0.	0.	0.
288	288	330	G1	0.	0.	0.
288	288	329	G1	0.	0.	0.
288	288	303	G2	0.	0.	0.
288	288	304	G2	0.	0.	0.
288	288	330	G2	0.	0.	0.
288	288	329	G2	0.	0.	0.

Table 27: Element Forces - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	F11	F22	F12
				KN/mm	KN/mm	KN/mm
288	288	303	Qm	0.	0.	0.
288	288	304	Qm	0.	0.	0.
288	288	330	Qm	0.	0.	0.
288	288	329	Qm	0.	0.	0.
288	288	303	Qs	0.	0.	0.
288	288	304	Qs	0.	0.	0.
288	288	330	Qs	0.	0.	0.
288	288	329	Qs	0.	0.	0.
288	288	303	T+	-0.88526	-0.88526	-1.432E-17
288	288	304	T+	-0.88526	-0.88526	-3.372E-16
288	288	330	T+	-0.88526	-0.88526	1.852E-16
288	288	329	T+	-0.88526	-0.88526	5.480E-16
288	288	303	T-	0.88526	0.88526	1.432E-17
288	288	304	T-	0.88526	0.88526	3.372E-16
288	288	330	T-	0.88526	0.88526	-1.852E-16
288	288	329	T-	0.88526	0.88526	-5.480E-16
288	288	303	W	0.	0.	0.
288	288	304	W	0.	0.	0.
288	288	330	W	0.	0.	0.
288	288	329	W	0.	0.	0.
288	288	303	Qm-1	0.	0.	0.
288	288	304	Qm-1	0.	0.	0.
288	288	330	Qm-1	0.	0.	0.
288	288	329	Qm-1	0.	0.	0.
288	288	303	Qm-2	0.	0.	0.
288	288	304	Qm-2	0.	0.	0.
288	288	330	Qm-2	0.	0.	0.
288	288	329	Qm-2	0.	0.	0.
289	289	304	DEAD	0.	0.	0.
289	289	305	DEAD	0.	0.	0.
289	289	331	DEAD	0.	0.	0.
289	289	330	DEAD	0.	0.	0.
289	289	304	G1	0.	0.	0.
289	289	305	G1	0.	0.	0.
289	289	331	G1	0.	0.	0.
289	289	330	G1	0.	0.	0.
289	289	304	G2	0.	0.	0.
289	289	305	G2	0.	0.	0.
289	289	331	G2	0.	0.	0.
289	289	330	G2	0.	0.	0.
289	289	304	Qm	0.	0.	0.
289	289	305	Qm	0.	0.	0.
289	289	331	Qm	0.	0.	0.
289	289	330	Qm	0.	0.	0.
289	289	304	Qs	0.	0.	0.
289	289	305	Qs	0.	0.	0.
289	289	331	Qs	0.	0.	0.
289	289	330	Qs	0.	0.	0.
289	289	304	T+	-0.88526	-0.88526	-8.816E-17
289	289	305	T+	-0.88526	-0.88526	-4.982E-17
289	289	331	T+	-0.88526	-0.88526	-2.544E-18
289	289	330	T+	-0.88526	-0.88526	-8.088E-17
289	289	304	T-	0.88526	0.88526	8.816E-17
289	289	305	T-	0.88526	0.88526	4.982E-17

Table 27: Element Forces - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	F11	F22	F12
				KN/mm	KN/mm	KN/mm
289	289	331	T-	0.88526	0.88526	2.544E-18
289	289	330	T-	0.88526	0.88526	8.088E-17
289	289	304	W	0.	0.	0.
289	289	305	W	0.	0.	0.
289	289	331	W	0.	0.	0.
289	289	330	W	0.	0.	0.
289	289	304	Qm-1	0.	0.	0.
289	289	305	Qm-1	0.	0.	0.
289	289	331	Qm-1	0.	0.	0.
289	289	330	Qm-1	0.	0.	0.
289	289	304	Qm-2	0.	0.	0.
289	289	305	Qm-2	0.	0.	0.
289	289	331	Qm-2	0.	0.	0.
289	289	330	Qm-2	0.	0.	0.
290	290	305	DEAD	0.	0.	0.
290	290	306	DEAD	0.	0.	0.
290	290	332	DEAD	0.	0.	0.
290	290	331	DEAD	0.	0.	0.
290	290	305	G1	0.	0.	0.
290	290	306	G1	0.	0.	0.
290	290	332	G1	0.	0.	0.
290	290	331	G1	0.	0.	0.
290	290	305	G2	0.	0.	0.
290	290	306	G2	0.	0.	0.
290	290	332	G2	0.	0.	0.
290	290	331	G2	0.	0.	0.
290	290	305	Qm	0.	0.	0.
290	290	306	Qm	0.	0.	0.
290	290	332	Qm	0.	0.	0.
290	290	331	Qm	0.	0.	0.
290	290	305	Qs	0.	0.	0.
290	290	306	Qs	0.	0.	0.
290	290	332	Qs	0.	0.	0.
290	290	331	Qs	0.	0.	0.
290	290	305	T+	-0.88526	-0.88526	-1.692E-16
290	290	306	T+	-0.88526	-0.88526	-9.490E-18
290	290	332	T+	-0.88526	-0.88526	2.323E-16
290	290	331	T+	-0.88526	-0.88526	1.926E-16
290	290	305	T-	0.88526	0.88526	1.692E-16
290	290	306	T-	0.88526	0.88526	9.490E-18
290	290	332	T-	0.88526	0.88526	-2.323E-16
290	290	331	T-	0.88526	0.88526	-1.926E-16
290	290	305	W	0.	0.	0.
290	290	306	W	0.	0.	0.
290	290	332	W	0.	0.	0.
290	290	331	W	0.	0.	0.
290	290	305	Qm-1	0.	0.	0.
290	290	306	Qm-1	0.	0.	0.
290	290	332	Qm-1	0.	0.	0.
290	290	331	Qm-1	0.	0.	0.
290	290	305	Qm-2	0.	0.	0.
290	290	306	Qm-2	0.	0.	0.
290	290	332	Qm-2	0.	0.	0.
290	290	331	Qm-2	0.	0.	0.

Table 27: Element Forces - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	F11	F22	F12
				KN/mm	KN/mm	KN/mm
291	291	306	DEAD	0.	0.	0.
291	291	307	DEAD	0.	0.	0.
291	291	333	DEAD	0.	0.	0.
291	291	332	DEAD	0.	0.	0.
291	291	306	G1	0.	0.	0.
291	291	307	G1	0.	0.	0.
291	291	333	G1	0.	0.	0.
291	291	332	G1	0.	0.	0.
291	291	306	G2	0.	0.	0.
291	291	307	G2	0.	0.	0.
291	291	333	G2	0.	0.	0.
291	291	332	G2	0.	0.	0.
291	291	306	Qm	0.	0.	0.
291	291	307	Qm	0.	0.	0.
291	291	333	Qm	0.	0.	0.
291	291	332	Qm	0.	0.	0.
291	291	306	Qs	0.	0.	0.
291	291	307	Qs	0.	0.	0.
291	291	333	Qs	0.	0.	0.
291	291	332	Qs	0.	0.	0.
291	291	306	T+	-0.88526	-0.88526	9.978E-18
291	291	307	T+	-0.88526	-0.88526	-1.536E-15
291	291	333	T+	-0.88526	-0.88526	9.509E-17
291	291	332	T+	-0.88526	-0.88526	1.681E-15
291	291	306	T-	0.88526	0.88526	-9.978E-18
291	291	307	T-	0.88526	0.88526	1.536E-15
291	291	333	T-	0.88526	0.88526	-9.509E-17
291	291	332	T-	0.88526	0.88526	-1.681E-15
291	291	306	W	0.	0.	0.
291	291	307	W	0.	0.	0.
291	291	333	W	0.	0.	0.
291	291	332	W	0.	0.	0.
291	291	306	Qm-1	0.	0.	0.
291	291	307	Qm-1	0.	0.	0.
291	291	333	Qm-1	0.	0.	0.
291	291	332	Qm-1	0.	0.	0.
291	291	306	Qm-2	0.	0.	0.
291	291	307	Qm-2	0.	0.	0.
291	291	333	Qm-2	0.	0.	0.
291	291	332	Qm-2	0.	0.	0.
292	292	307	DEAD	0.	0.	0.
292	292	308	DEAD	0.	0.	0.
292	292	334	DEAD	0.	0.	0.
292	292	333	DEAD	0.	0.	0.
292	292	307	G1	0.	0.	0.
292	292	308	G1	0.	0.	0.
292	292	334	G1	0.	0.	0.
292	292	333	G1	0.	0.	0.
292	292	307	G2	0.	0.	0.
292	292	308	G2	0.	0.	0.
292	292	334	G2	0.	0.	0.
292	292	333	G2	0.	0.	0.
292	292	307	Qm	0.	0.	0.
292	292	308	Qm	0.	0.	0.

Table 27: Element Forces - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	F11	F22	F12
				KN/mm	KN/mm	KN/mm
292	292	334	Qm	0.	0.	0.
292	292	333	Qm	0.	0.	0.
292	292	307	Qs	0.	0.	0.
292	292	308	Qs	0.	0.	0.
292	292	334	Qs	0.	0.	0.
292	292	333	Qs	0.	0.	0.
292	292	307	T+	-0.88526	-0.88526	1.877E-17
292	292	308	T+	-0.88526	-0.88526	3.177E-16
292	292	334	T+	-0.88526	-0.88526	7.214E-17
292	292	333	T+	-0.88526	-0.88526	-2.268E-16
292	292	307	T-	0.88526	0.88526	-1.877E-17
292	292	308	T-	0.88526	0.88526	-3.177E-16
292	292	334	T-	0.88526	0.88526	-7.214E-17
292	292	333	T-	0.88526	0.88526	2.268E-16
292	292	307	W	0.	0.	0.
292	292	308	W	0.	0.	0.
292	292	334	W	0.	0.	0.
292	292	333	W	0.	0.	0.
292	292	307	Qm-1	0.	0.	0.
292	292	308	Qm-1	0.	0.	0.
292	292	334	Qm-1	0.	0.	0.
292	292	333	Qm-1	0.	0.	0.
292	292	307	Qm-2	0.	0.	0.
292	292	308	Qm-2	0.	0.	0.
292	292	334	Qm-2	0.	0.	0.
292	292	333	Qm-2	0.	0.	0.
293	293	308	DEAD	0.	0.	0.
293	293	309	DEAD	0.	0.	0.
293	293	335	DEAD	0.	0.	0.
293	293	334	DEAD	0.	0.	0.
293	293	308	G1	0.	0.	0.
293	293	309	G1	0.	0.	0.
293	293	335	G1	0.	0.	0.
293	293	334	G1	0.	0.	0.
293	293	308	G2	0.	0.	0.
293	293	309	G2	0.	0.	0.
293	293	335	G2	0.	0.	0.
293	293	334	G2	0.	0.	0.
293	293	308	Qm	0.	0.	0.
293	293	309	Qm	0.	0.	0.
293	293	335	Qm	0.	0.	0.
293	293	334	Qm	0.	0.	0.
293	293	308	Qs	0.	0.	0.
293	293	309	Qs	0.	0.	0.
293	293	335	Qs	0.	0.	0.
293	293	334	Qs	0.	0.	0.
293	293	308	T+	-0.88526	-0.88526	-4.762E-17
293	293	309	T+	-0.88526	-0.88526	1.223E-15
293	293	335	T+	-0.88526	-0.88526	-2.102E-17
293	293	334	T+	-0.88526	-0.88526	-1.332E-15
293	293	308	T-	0.88526	0.88526	4.762E-17
293	293	309	T-	0.88526	0.88526	-1.223E-15
293	293	335	T-	0.88526	0.88526	2.102E-17
293	293	334	T-	0.88526	0.88526	1.332E-15

Table 27: Element Forces - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	F11	F22	F12
				KN/mm	KN/mm	KN/mm
293	293	308	W	0.	0.	0.
293	293	309	W	0.	0.	0.
293	293	335	W	0.	0.	0.
293	293	334	W	0.	0.	0.
293	293	308	Qm-1	0.	0.	0.
293	293	309	Qm-1	0.	0.	0.
293	293	335	Qm-1	0.	0.	0.
293	293	334	Qm-1	0.	0.	0.
293	293	308	Qm-2	0.	0.	0.
293	293	309	Qm-2	0.	0.	0.
293	293	335	Qm-2	0.	0.	0.
293	293	334	Qm-2	0.	0.	0.
294	294	309	DEAD	0.	0.	0.
294	294	310	DEAD	0.	0.	0.
294	294	336	DEAD	0.	0.	0.
294	294	335	DEAD	0.	0.	0.
294	294	309	G1	0.	0.	0.
294	294	310	G1	0.	0.	0.
294	294	336	G1	0.	0.	0.
294	294	335	G1	0.	0.	0.
294	294	309	G2	0.	0.	0.
294	294	310	G2	0.	0.	0.
294	294	336	G2	0.	0.	0.
294	294	335	G2	0.	0.	0.
294	294	309	Qm	0.	0.	0.
294	294	310	Qm	0.	0.	0.
294	294	336	Qm	0.	0.	0.
294	294	335	Qm	0.	0.	0.
294	294	309	Qs	0.	0.	0.
294	294	310	Qs	0.	0.	0.
294	294	336	Qs	0.	0.	0.
294	294	335	Qs	0.	0.	0.
294	294	309	T+	-0.88526	-0.88526	-3.865E-16
294	294	310	T+	-0.88526	-0.88526	2.152E-15
294	294	336	T+	-0.88526	-0.88526	3.418E-16
294	294	335	T+	-0.88526	-0.88526	-2.197E-15
294	294	309	T-	0.88526	0.88526	3.865E-16
294	294	310	T-	0.88526	0.88526	-2.152E-15
294	294	336	T-	0.88526	0.88526	-3.418E-16
294	294	335	T-	0.88526	0.88526	2.197E-15
294	294	309	W	0.	0.	0.
294	294	310	W	0.	0.	0.
294	294	336	W	0.	0.	0.
294	294	335	W	0.	0.	0.
294	294	309	Qm-1	0.	0.	0.
294	294	310	Qm-1	0.	0.	0.
294	294	336	Qm-1	0.	0.	0.
294	294	335	Qm-1	0.	0.	0.
294	294	309	Qm-2	0.	0.	0.
294	294	310	Qm-2	0.	0.	0.
294	294	336	Qm-2	0.	0.	0.
294	294	335	Qm-2	0.	0.	0.
295	295	310	DEAD	0.	0.	0.
295	295	311	DEAD	0.	0.	0.

Table 27: Element Forces - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	F11	F22	F12
				KN/mm	KN/mm	KN/mm
295	295	337	DEAD	0.	0.	0.
295	295	336	DEAD	0.	0.	0.
295	295	310	G1	0.	0.	0.
295	295	311	G1	0.	0.	0.
295	295	337	G1	0.	0.	0.
295	295	336	G1	0.	0.	0.
295	295	310	G2	0.	0.	0.
295	295	311	G2	0.	0.	0.
295	295	337	G2	0.	0.	0.
295	295	336	G2	0.	0.	0.
295	295	310	Qm	0.	0.	0.
295	295	311	Qm	0.	0.	0.
295	295	337	Qm	0.	0.	0.
295	295	336	Qm	0.	0.	0.
295	295	310	Qs	0.	0.	0.
295	295	311	Qs	0.	0.	0.
295	295	337	Qs	0.	0.	0.
295	295	336	Qs	0.	0.	0.
295	295	310	T+	-0.88526	-0.88526	2.872E-16
295	295	311	T+	-0.88526	-0.88526	-2.298E-15
295	295	337	T+	-0.88526	-0.88526	-2.731E-16
295	295	336	T+	-0.88526	-0.88526	2.592E-15
295	295	310	T-	0.88526	0.88526	-2.872E-16
295	295	311	T-	0.88526	0.88526	2.298E-15
295	295	337	T-	0.88526	0.88526	2.731E-16
295	295	336	T-	0.88526	0.88526	-2.592E-15
295	295	310	W	0.	0.	0.
295	295	311	W	0.	0.	0.
295	295	337	W	0.	0.	0.
295	295	336	W	0.	0.	0.
295	295	310	Qm-1	0.	0.	0.
295	295	311	Qm-1	0.	0.	0.
295	295	337	Qm-1	0.	0.	0.
295	295	336	Qm-1	0.	0.	0.
295	295	310	Qm-2	0.	0.	0.
295	295	311	Qm-2	0.	0.	0.
295	295	337	Qm-2	0.	0.	0.
295	295	336	Qm-2	0.	0.	0.
296	296	311	DEAD	0.	0.	0.
296	296	312	DEAD	0.	0.	0.
296	296	338	DEAD	0.	0.	0.
296	296	337	DEAD	0.	0.	0.
296	296	311	G1	0.	0.	0.
296	296	312	G1	0.	0.	0.
296	296	338	G1	0.	0.	0.
296	296	337	G1	0.	0.	0.
296	296	311	G2	0.	0.	0.
296	296	312	G2	0.	0.	0.
296	296	338	G2	0.	0.	0.
296	296	337	G2	0.	0.	0.
296	296	311	Qm	0.	0.	0.
296	296	312	Qm	0.	0.	0.
296	296	338	Qm	0.	0.	0.
296	296	337	Qm	0.	0.	0.

Table 27: Element Forces - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	F11	F22	F12
				KN/mm	KN/mm	KN/mm
296	296	311	Qs	0.	0.	0.
296	296	312	Qs	0.	0.	0.
296	296	338	Qs	0.	0.	0.
296	296	337	Qs	0.	0.	0.
296	296	311	T+	-0.88526	-0.88526	1.252E-16
296	296	312	T+	-0.88526	-0.88526	2.748E-16
296	296	338	T+	-0.88526	-0.88526	-9.853E-18
296	296	337	T+	-0.88526	-0.88526	-2.795E-16
296	296	311	T-	0.88526	0.88526	-1.252E-16
296	296	312	T-	0.88526	0.88526	-2.748E-16
296	296	338	T-	0.88526	0.88526	9.853E-18
296	296	337	T-	0.88526	0.88526	2.795E-16
296	296	311	W	0.	0.	0.
296	296	312	W	0.	0.	0.
296	296	338	W	0.	0.	0.
296	296	337	W	0.	0.	0.
296	296	311	Qm-1	0.	0.	0.
296	296	312	Qm-1	0.	0.	0.
296	296	338	Qm-1	0.	0.	0.
296	296	337	Qm-1	0.	0.	0.
296	296	311	Qm-2	0.	0.	0.
296	296	312	Qm-2	0.	0.	0.
296	296	338	Qm-2	0.	0.	0.
296	296	337	Qm-2	0.	0.	0.
297	297	312	DEAD	0.	0.	0.
297	297	313	DEAD	0.	0.	0.
297	297	339	DEAD	0.	0.	0.
297	297	338	DEAD	0.	0.	0.
297	297	312	G1	0.	0.	0.
297	297	313	G1	0.	0.	0.
297	297	339	G1	0.	0.	0.
297	297	338	G1	0.	0.	0.
297	297	312	G2	0.	0.	0.
297	297	313	G2	0.	0.	0.
297	297	339	G2	0.	0.	0.
297	297	338	G2	0.	0.	0.
297	297	312	Qm	0.	0.	0.
297	297	313	Qm	0.	0.	0.
297	297	339	Qm	0.	0.	0.
297	297	338	Qm	0.	0.	0.
297	297	312	Qs	0.	0.	0.
297	297	313	Qs	0.	0.	0.
297	297	339	Qs	0.	0.	0.
297	297	338	Qs	0.	0.	0.
297	297	312	T+	-0.88526	-0.88526	-8.050E-17
297	297	313	T+	-0.88526	-0.88526	-2.341E-16
297	297	339	T+	-0.88526	-0.88526	-3.746E-18
297	297	338	T+	-0.88526	-0.88526	6.987E-17
297	297	312	T-	0.88526	0.88526	8.050E-17
297	297	313	T-	0.88526	0.88526	2.341E-16
297	297	339	T-	0.88526	0.88526	3.746E-18
297	297	338	T-	0.88526	0.88526	-6.987E-17
297	297	312	W	0.	0.	0.
297	297	313	W	0.	0.	0.

Table 27: Element Forces - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	F11	F22	F12
				KN/mm	KN/mm	KN/mm
297	297	339	W	0.	0.	0.
297	297	338	W	0.	0.	0.
297	297	312	Qm-1	0.	0.	0.
297	297	313	Qm-1	0.	0.	0.
297	297	339	Qm-1	0.	0.	0.
297	297	338	Qm-1	0.	0.	0.
297	297	312	Qm-2	0.	0.	0.
297	297	313	Qm-2	0.	0.	0.
297	297	339	Qm-2	0.	0.	0.
297	297	338	Qm-2	0.	0.	0.
298	298	313	DEAD	0.	0.	0.
298	298	314	DEAD	0.	0.	0.
298	298	340	DEAD	0.	0.	0.
298	298	339	DEAD	0.	0.	0.
298	298	313	G1	0.	0.	0.
298	298	314	G1	0.	0.	0.
298	298	340	G1	0.	0.	0.
298	298	339	G1	0.	0.	0.
298	298	313	G2	0.	0.	0.
298	298	314	G2	0.	0.	0.
298	298	340	G2	0.	0.	0.
298	298	339	G2	0.	0.	0.
298	298	313	Qm	0.	0.	0.
298	298	314	Qm	0.	0.	0.
298	298	340	Qm	0.	0.	0.
298	298	339	Qm	0.	0.	0.
298	298	313	Qs	0.	0.	0.
298	298	314	Qs	0.	0.	0.
298	298	340	Qs	0.	0.	0.
298	298	339	Qs	0.	0.	0.
298	298	313	T+	-0.88526	-0.88526	-8.275E-17
298	298	314	T+	-0.88526	-0.88526	-7.035E-17
298	298	340	T+	-0.88526	-0.88526	-7.717E-17
298	298	339	T+	-0.88526	-0.88526	7.039E-17
298	298	313	T-	0.88526	0.88526	8.275E-17
298	298	314	T-	0.88526	0.88526	7.035E-17
298	298	340	T-	0.88526	0.88526	7.717E-17
298	298	339	T-	0.88526	0.88526	-7.039E-17
298	298	313	W	0.	0.	0.
298	298	314	W	0.	0.	0.
298	298	340	W	0.	0.	0.
298	298	339	W	0.	0.	0.
298	298	313	Qm-1	0.	0.	0.
298	298	314	Qm-1	0.	0.	0.
298	298	340	Qm-1	0.	0.	0.
298	298	339	Qm-1	0.	0.	0.
298	298	313	Qm-2	0.	0.	0.
298	298	314	Qm-2	0.	0.	0.
298	298	340	Qm-2	0.	0.	0.
298	298	339	Qm-2	0.	0.	0.
299	299	314	DEAD	0.	0.	0.
299	299	315	DEAD	0.	0.	0.
299	299	341	DEAD	0.	0.	0.
299	299	340	DEAD	0.	0.	0.

Table 27: Element Forces - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	F11	F22	F12
				KN/mm	KN/mm	KN/mm
299	299	314	G1	0.	0.	0.
299	299	315	G1	0.	0.	0.
299	299	341	G1	0.	0.	0.
299	299	340	G1	0.	0.	0.
299	299	314	G2	0.	0.	0.
299	299	315	G2	0.	0.	0.
299	299	341	G2	0.	0.	0.
299	299	340	G2	0.	0.	0.
299	299	314	Qm	0.	0.	0.
299	299	315	Qm	0.	0.	0.
299	299	341	Qm	0.	0.	0.
299	299	340	Qm	0.	0.	0.
299	299	314	Qs	0.	0.	0.
299	299	315	Qs	0.	0.	0.
299	299	341	Qs	0.	0.	0.
299	299	340	Qs	0.	0.	0.
299	299	314	T+	-0.88526	-0.88526	-1.815E-16
299	299	315	T+	-0.88526	-0.88526	3.765E-16
299	299	341	T+	-0.88526	-0.88526	8.718E-17
299	299	340	T+	-0.88526	-0.88526	-4.709E-16
299	299	314	T-	0.88526	0.88526	1.815E-16
299	299	315	T-	0.88526	0.88526	-3.765E-16
299	299	341	T-	0.88526	0.88526	-8.718E-17
299	299	340	T-	0.88526	0.88526	4.709E-16
299	299	314	W	0.	0.	0.
299	299	315	W	0.	0.	0.
299	299	341	W	0.	0.	0.
299	299	340	W	0.	0.	0.
299	299	314	Qm-1	0.	0.	0.
299	299	315	Qm-1	0.	0.	0.
299	299	341	Qm-1	0.	0.	0.
299	299	340	Qm-1	0.	0.	0.
299	299	314	Qm-2	0.	0.	0.
299	299	315	Qm-2	0.	0.	0.
299	299	341	Qm-2	0.	0.	0.
299	299	340	Qm-2	0.	0.	0.
300	300	315	DEAD	0.	0.	0.
300	300	316	DEAD	0.	0.	0.
300	300	342	DEAD	0.	0.	0.
300	300	341	DEAD	0.	0.	0.
300	300	315	G1	0.	0.	0.
300	300	316	G1	0.	0.	0.
300	300	342	G1	0.	0.	0.
300	300	341	G1	0.	0.	0.
300	300	315	G2	0.	0.	0.
300	300	316	G2	0.	0.	0.
300	300	342	G2	0.	0.	0.
300	300	341	G2	0.	0.	0.
300	300	315	Qm	0.	0.	0.
300	300	316	Qm	0.	0.	0.
300	300	342	Qm	0.	0.	0.
300	300	341	Qm	0.	0.	0.
300	300	315	Qs	0.	0.	0.
300	300	316	Qs	0.	0.	0.

Table 27: Element Forces - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	F11	F22	F12
				KN/mm	KN/mm	KN/mm
300	300	342	Qs	0.	0.	0.
300	300	341	Qs	0.	0.	0.
300	300	315	T+	-0.88526	-0.88526	-7.886E-17
300	300	316	T+	-0.88526	-0.88526	4.234E-16
300	300	342	T+	-0.88526	-0.88526	-1.546E-17
300	300	341	T+	-0.88526	-0.88526	-5.177E-16
300	300	315	T-	0.88526	0.88526	7.886E-17
300	300	316	T-	0.88526	0.88526	-4.234E-16
300	300	342	T-	0.88526	0.88526	1.546E-17
300	300	341	T-	0.88526	0.88526	5.177E-16
300	300	315	W	0.	0.	0.
300	300	316	W	0.	0.	0.
300	300	342	W	0.	0.	0.
300	300	341	W	0.	0.	0.
300	300	315	Qm-1	0.	0.	0.
300	300	316	Qm-1	0.	0.	0.
300	300	342	Qm-1	0.	0.	0.
300	300	341	Qm-1	0.	0.	0.
300	300	315	Qm-2	0.	0.	0.
300	300	316	Qm-2	0.	0.	0.
300	300	342	Qm-2	0.	0.	0.
300	300	341	Qm-2	0.	0.	0.
301	301	316	DEAD	0.	0.	0.
301	301	317	DEAD	0.	0.	0.
301	301	343	DEAD	0.	0.	0.
301	301	342	DEAD	0.	0.	0.
301	301	316	G1	0.	0.	0.
301	301	317	G1	0.	0.	0.
301	301	343	G1	0.	0.	0.
301	301	342	G1	0.	0.	0.
301	301	316	G2	0.	0.	0.
301	301	317	G2	0.	0.	0.
301	301	343	G2	0.	0.	0.
301	301	342	G2	0.	0.	0.
301	301	316	Qm	0.	0.	0.
301	301	317	Qm	0.	0.	0.
301	301	343	Qm	0.	0.	0.
301	301	342	Qm	0.	0.	0.
301	301	316	Qs	0.	0.	0.
301	301	317	Qs	0.	0.	0.
301	301	343	Qs	0.	0.	0.
301	301	342	Qs	0.	0.	0.
301	301	316	T+	-0.88526	-0.88526	8.618E-18
301	301	317	T+	-0.88526	-0.88526	-3.498E-16
301	301	343	T+	-0.88526	-0.88526	-2.534E-18
301	301	342	T+	-0.88526	-0.88526	3.559E-16
301	301	316	T-	0.88526	0.88526	-8.618E-18
301	301	317	T-	0.88526	0.88526	3.498E-16
301	301	343	T-	0.88526	0.88526	2.534E-18
301	301	342	T-	0.88526	0.88526	-3.559E-16
301	301	316	W	0.	0.	0.
301	301	317	W	0.	0.	0.
301	301	343	W	0.	0.	0.
301	301	342	W	0.	0.	0.

Table 27: Element Forces - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	F11	F22	F12
				KN/mm	KN/mm	KN/mm
301	301	316	Qm-1	0.	0.	0.
301	301	317	Qm-1	0.	0.	0.
301	301	343	Qm-1	0.	0.	0.
301	301	342	Qm-1	0.	0.	0.
301	301	316	Qm-2	0.	0.	0.
301	301	317	Qm-2	0.	0.	0.
301	301	343	Qm-2	0.	0.	0.
301	301	342	Qm-2	0.	0.	0.
302	302	317	DEAD	0.	0.	0.
302	302	318	DEAD	0.	0.	0.
302	302	344	DEAD	0.	0.	0.
302	302	343	DEAD	0.	0.	0.
302	302	317	G1	0.	0.	0.
302	302	318	G1	0.	0.	0.
302	302	344	G1	0.	0.	0.
302	302	343	G1	0.	0.	0.
302	302	317	G2	0.	0.	0.
302	302	318	G2	0.	0.	0.
302	302	344	G2	0.	0.	0.
302	302	343	G2	0.	0.	0.
302	302	317	Qm	0.	0.	0.
302	302	318	Qm	0.	0.	0.
302	302	344	Qm	0.	0.	0.
302	302	343	Qm	0.	0.	0.
302	302	317	Qs	0.	0.	0.
302	302	318	Qs	0.	0.	0.
302	302	344	Qs	0.	0.	0.
302	302	343	Qs	0.	0.	0.
302	302	317	T+	-0.88526	-0.88526	5.937E-17
302	302	318	T+	-0.88526	-0.88526	-3.450E-16
302	302	344	T+	-0.88526	-0.88526	4.441E-18
302	302	343	T+	-0.88526	-0.88526	4.088E-16
302	302	317	T-	0.88526	0.88526	-5.937E-17
302	302	318	T-	0.88526	0.88526	3.450E-16
302	302	344	T-	0.88526	0.88526	-4.441E-18
302	302	343	T-	0.88526	0.88526	-4.088E-16
302	302	317	W	0.	0.	0.
302	302	318	W	0.	0.	0.
302	302	344	W	0.	0.	0.
302	302	343	W	0.	0.	0.
302	302	317	Qm-1	0.	0.	0.
302	302	318	Qm-1	0.	0.	0.
302	302	344	Qm-1	0.	0.	0.
302	302	343	Qm-1	0.	0.	0.
302	302	317	Qm-2	0.	0.	0.
302	302	318	Qm-2	0.	0.	0.
302	302	344	Qm-2	0.	0.	0.
302	302	343	Qm-2	0.	0.	0.
303	303	319	DEAD	0.	0.	0.
303	303	320	DEAD	0.	0.	0.
303	303	346	DEAD	0.	0.	0.
303	303	345	DEAD	0.	0.	0.
303	303	319	G1	0.	0.	0.
303	303	320	G1	0.	0.	0.

Table 27: Element Forces - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	F11	F22	F12
				KN/mm	KN/mm	KN/mm
303	303	346	G1	0.	0.	0.
303	303	345	G1	0.	0.	0.
303	303	319	G2	0.	0.	0.
303	303	320	G2	0.	0.	0.
303	303	346	G2	0.	0.	0.
303	303	345	G2	0.	0.	0.
303	303	319	Qm	0.	0.	0.
303	303	320	Qm	0.	0.	0.
303	303	346	Qm	0.	0.	0.
303	303	345	Qm	0.	0.	0.
303	303	319	Qs	0.	0.	0.
303	303	320	Qs	0.	0.	0.
303	303	346	Qs	0.	0.	0.
303	303	345	Qs	0.	0.	0.
303	303	319	T+	-0.88526	-0.88526	-2.005E-17
303	303	320	T+	-0.88526	-0.88526	-1.613E-16
303	303	346	T+	-0.88526	-0.88526	8.317E-17
303	303	345	T+	-0.88526	-0.88526	3.444E-16
303	303	319	T-	0.88526	0.88526	2.005E-17
303	303	320	T-	0.88526	0.88526	1.613E-16
303	303	346	T-	0.88526	0.88526	-8.317E-17
303	303	345	T-	0.88526	0.88526	-3.444E-16
303	303	319	W	0.	0.	0.
303	303	320	W	0.	0.	0.
303	303	346	W	0.	0.	0.
303	303	345	W	0.	0.	0.
303	303	319	Qm-1	0.	0.	0.
303	303	320	Qm-1	0.	0.	0.
303	303	346	Qm-1	0.	0.	0.
303	303	345	Qm-1	0.	0.	0.
303	303	319	Qm-2	0.	0.	0.
303	303	320	Qm-2	0.	0.	0.
303	303	346	Qm-2	0.	0.	0.
303	303	345	Qm-2	0.	0.	0.
304	304	320	DEAD	0.	0.	0.
304	304	321	DEAD	0.	0.	0.
304	304	347	DEAD	0.	0.	0.
304	304	346	DEAD	0.	0.	0.
304	304	320	G1	0.	0.	0.
304	304	321	G1	0.	0.	0.
304	304	347	G1	0.	0.	0.
304	304	346	G1	0.	0.	0.
304	304	320	G2	0.	0.	0.
304	304	321	G2	0.	0.	0.
304	304	347	G2	0.	0.	0.
304	304	346	G2	0.	0.	0.
304	304	320	Qm	0.	0.	0.
304	304	321	Qm	0.	0.	0.
304	304	347	Qm	0.	0.	0.
304	304	346	Qm	0.	0.	0.
304	304	320	Qs	0.	0.	0.
304	304	321	Qs	0.	0.	0.
304	304	347	Qs	0.	0.	0.
304	304	346	Qs	0.	0.	0.

Table 27: Element Forces - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	F11	F22	F12
				KN/mm	KN/mm	KN/mm
304	304	320	T+	-0.88526	-0.88526	-3.920E-17
304	304	321	T+	-0.88526	-0.88526	-7.655E-16
304	304	347	T+	-0.88526	-0.88526	-5.833E-17
304	304	346	T+	-0.88526	-0.88526	7.879E-16
304	304	320	T-	0.88526	0.88526	3.920E-17
304	304	321	T-	0.88526	0.88526	7.655E-16
304	304	347	T-	0.88526	0.88526	5.833E-17
304	304	346	T-	0.88526	0.88526	-7.879E-16
304	304	320	W	0.	0.	0.
304	304	321	W	0.	0.	0.
304	304	347	W	0.	0.	0.
304	304	346	W	0.	0.	0.
304	304	320	Qm-1	0.	0.	0.
304	304	321	Qm-1	0.	0.	0.
304	304	347	Qm-1	0.	0.	0.
304	304	346	Qm-1	0.	0.	0.
304	304	320	Qm-2	0.	0.	0.
304	304	321	Qm-2	0.	0.	0.
304	304	347	Qm-2	0.	0.	0.
304	304	346	Qm-2	0.	0.	0.
305	305	321	DEAD	0.	0.	0.
305	305	322	DEAD	0.	0.	0.
305	305	348	DEAD	0.	0.	0.
305	305	347	DEAD	0.	0.	0.
305	305	321	G1	0.	0.	0.
305	305	322	G1	0.	0.	0.
305	305	348	G1	0.	0.	0.
305	305	347	G1	0.	0.	0.
305	305	321	G2	0.	0.	0.
305	305	322	G2	0.	0.	0.
305	305	348	G2	0.	0.	0.
305	305	347	G2	0.	0.	0.
305	305	321	Qm	0.	0.	0.
305	305	322	Qm	0.	0.	0.
305	305	348	Qm	0.	0.	0.
305	305	347	Qm	0.	0.	0.
305	305	321	Qs	0.	0.	0.
305	305	322	Qs	0.	0.	0.
305	305	348	Qs	0.	0.	0.
305	305	347	Qs	0.	0.	0.
305	305	321	T+	-0.88526	-0.88526	-3.285E-16
305	305	322	T+	-0.88526	-0.88526	4.613E-17
305	305	348	T+	-0.88526	-0.88526	3.121E-16
305	305	347	T+	-0.88526	-0.88526	-6.253E-17
305	305	321	T-	0.88526	0.88526	3.285E-16
305	305	322	T-	0.88526	0.88526	-4.613E-17
305	305	348	T-	0.88526	0.88526	-3.121E-16
305	305	347	T-	0.88526	0.88526	6.253E-17
305	305	321	W	0.	0.	0.
305	305	322	W	0.	0.	0.
305	305	348	W	0.	0.	0.
305	305	347	W	0.	0.	0.
305	305	321	Qm-1	0.	0.	0.
305	305	322	Qm-1	0.	0.	0.

Table 27: Element Forces - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	F11	F22	F12
				KN/mm	KN/mm	KN/mm
305	305	348	Qm-1	0.	0.	0.
305	305	347	Qm-1	0.	0.	0.
305	305	321	Qm-2	0.	0.	0.
305	305	322	Qm-2	0.	0.	0.
305	305	348	Qm-2	0.	0.	0.
305	305	347	Qm-2	0.	0.	0.
306	306	322	DEAD	0.	0.	0.
306	306	323	DEAD	0.	0.	0.
306	306	349	DEAD	0.	0.	0.
306	306	348	DEAD	0.	0.	0.
306	306	322	G1	0.	0.	0.
306	306	323	G1	0.	0.	0.
306	306	349	G1	0.	0.	0.
306	306	348	G1	0.	0.	0.
306	306	322	G2	0.	0.	0.
306	306	323	G2	0.	0.	0.
306	306	349	G2	0.	0.	0.
306	306	348	G2	0.	0.	0.
306	306	322	Qm	0.	0.	0.
306	306	323	Qm	0.	0.	0.
306	306	349	Qm	0.	0.	0.
306	306	348	Qm	0.	0.	0.
306	306	322	Qs	0.	0.	0.
306	306	323	Qs	0.	0.	0.
306	306	349	Qs	0.	0.	0.
306	306	348	Qs	0.	0.	0.
306	306	322	T+	-0.88526	-0.88526	-2.653E-16
306	306	323	T+	-0.88526	-0.88526	-2.445E-16
306	306	349	T+	-0.88526	-0.88526	3.341E-16
306	306	348	T+	-0.88526	-0.88526	3.133E-16
306	306	322	T-	0.88526	0.88526	2.653E-16
306	306	323	T-	0.88526	0.88526	2.445E-16
306	306	349	T-	0.88526	0.88526	-3.341E-16
306	306	348	T-	0.88526	0.88526	-3.133E-16
306	306	322	W	0.	0.	0.
306	306	323	W	0.	0.	0.
306	306	349	W	0.	0.	0.
306	306	348	W	0.	0.	0.
306	306	322	Qm-1	0.	0.	0.
306	306	323	Qm-1	0.	0.	0.
306	306	349	Qm-1	0.	0.	0.
306	306	348	Qm-1	0.	0.	0.
306	306	322	Qm-2	0.	0.	0.
306	306	323	Qm-2	0.	0.	0.
306	306	349	Qm-2	0.	0.	0.
306	306	348	Qm-2	0.	0.	0.
307	307	323	DEAD	0.	0.	0.
307	307	324	DEAD	0.	0.	0.
307	307	350	DEAD	0.	0.	0.
307	307	349	DEAD	0.	0.	0.
307	307	323	G1	0.	0.	0.
307	307	324	G1	0.	0.	0.
307	307	350	G1	0.	0.	0.
307	307	349	G1	0.	0.	0.

Table 27: Element Forces - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	F11	F22	F12
				KN/mm	KN/mm	KN/mm
307	307	323	G2	0.	0.	0.
307	307	324	G2	0.	0.	0.
307	307	350	G2	0.	0.	0.
307	307	349	G2	0.	0.	0.
307	307	323	Qm	0.	0.	0.
307	307	324	Qm	0.	0.	0.
307	307	350	Qm	0.	0.	0.
307	307	349	Qm	0.	0.	0.
307	307	323	Qs	0.	0.	0.
307	307	324	Qs	0.	0.	0.
307	307	350	Qs	0.	0.	0.
307	307	349	Qs	0.	0.	0.
307	307	323	T+	-0.88526	-0.88526	-1.727E-16
307	307	324	T+	-0.88526	-0.88526	-1.145E-15
307	307	350	T+	-0.88526	-0.88526	1.506E-16
307	307	349	T+	-0.88526	-0.88526	1.123E-15
307	307	323	T-	0.88526	0.88526	1.727E-16
307	307	324	T-	0.88526	0.88526	1.145E-15
307	307	350	T-	0.88526	0.88526	-1.506E-16
307	307	349	T-	0.88526	0.88526	-1.123E-15
307	307	323	W	0.	0.	0.
307	307	324	W	0.	0.	0.
307	307	350	W	0.	0.	0.
307	307	349	W	0.	0.	0.
307	307	323	Qm-1	0.	0.	0.
307	307	324	Qm-1	0.	0.	0.
307	307	350	Qm-1	0.	0.	0.
307	307	349	Qm-1	0.	0.	0.
307	307	323	Qm-2	0.	0.	0.
307	307	324	Qm-2	0.	0.	0.
307	307	350	Qm-2	0.	0.	0.
307	307	349	Qm-2	0.	0.	0.
308	308	324	DEAD	0.	0.	0.
308	308	325	DEAD	0.	0.	0.
308	308	351	DEAD	0.	0.	0.
308	308	350	DEAD	0.	0.	0.
308	308	324	G1	0.	0.	0.
308	308	325	G1	0.	0.	0.
308	308	351	G1	0.	0.	0.
308	308	350	G1	0.	0.	0.
308	308	324	G2	0.	0.	0.
308	308	325	G2	0.	0.	0.
308	308	351	G2	0.	0.	0.
308	308	350	G2	0.	0.	0.
308	308	324	Qm	0.	0.	0.
308	308	325	Qm	0.	0.	0.
308	308	351	Qm	0.	0.	0.
308	308	350	Qm	0.	0.	0.
308	308	324	Qs	0.	0.	0.
308	308	325	Qs	0.	0.	0.
308	308	351	Qs	0.	0.	0.
308	308	350	Qs	0.	0.	0.
308	308	324	T+	-0.88526	-0.88526	1.248E-16
308	308	325	T+	-0.88526	-0.88526	2.135E-17

Table 27: Element Forces - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	F11	F22	F12
				KN/mm	KN/mm	KN/mm
308	308	351	T+	-0.88526	-0.88526	-6.163E-17
308	308	350	T+	-0.88526	-0.88526	1.617E-16
308	308	324	T-	0.88526	0.88526	-1.248E-16
308	308	325	T-	0.88526	0.88526	-2.135E-17
308	308	351	T-	0.88526	0.88526	6.163E-17
308	308	350	T-	0.88526	0.88526	-1.617E-16
308	308	324	W	0.	0.	0.
308	308	325	W	0.	0.	0.
308	308	351	W	0.	0.	0.
308	308	350	W	0.	0.	0.
308	308	324	Qm-1	0.	0.	0.
308	308	325	Qm-1	0.	0.	0.
308	308	351	Qm-1	0.	0.	0.
308	308	350	Qm-1	0.	0.	0.
308	308	324	Qm-2	0.	0.	0.
308	308	325	Qm-2	0.	0.	0.
308	308	351	Qm-2	0.	0.	0.
308	308	350	Qm-2	0.	0.	0.
309	309	325	DEAD	0.	0.	0.
309	309	326	DEAD	0.	0.	0.
309	309	352	DEAD	0.	0.	0.
309	309	351	DEAD	0.	0.	0.
309	309	325	G1	0.	0.	0.
309	309	326	G1	0.	0.	0.
309	309	352	G1	0.	0.	0.
309	309	351	G1	0.	0.	0.
309	309	325	G2	0.	0.	0.
309	309	326	G2	0.	0.	0.
309	309	352	G2	0.	0.	0.
309	309	351	G2	0.	0.	0.
309	309	325	Qm	0.	0.	0.
309	309	326	Qm	0.	0.	0.
309	309	352	Qm	0.	0.	0.
309	309	351	Qm	0.	0.	0.
309	309	325	Qs	0.	0.	0.
309	309	326	Qs	0.	0.	0.
309	309	352	Qs	0.	0.	0.
309	309	351	Qs	0.	0.	0.
309	309	325	T+	-0.88526	-0.88526	-1.157E-16
309	309	326	T+	-0.88526	-0.88526	-2.034E-16
309	309	352	T+	-0.88526	-0.88526	1.788E-16
309	309	351	T+	-0.88526	-0.88526	3.865E-16
309	309	325	T-	0.88526	0.88526	1.157E-16
309	309	326	T-	0.88526	0.88526	2.034E-16
309	309	352	T-	0.88526	0.88526	-1.788E-16
309	309	351	T-	0.88526	0.88526	-3.865E-16
309	309	325	W	0.	0.	0.
309	309	326	W	0.	0.	0.
309	309	352	W	0.	0.	0.
309	309	351	W	0.	0.	0.
309	309	325	Qm-1	0.	0.	0.
309	309	326	Qm-1	0.	0.	0.
309	309	352	Qm-1	0.	0.	0.
309	309	351	Qm-1	0.	0.	0.

Table 27: Element Forces - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	F11	F22	F12
				KN/mm	KN/mm	KN/mm
309	309	325	Qm-2	0.	0.	0.
309	309	326	Qm-2	0.	0.	0.
309	309	352	Qm-2	0.	0.	0.
309	309	351	Qm-2	0.	0.	0.
310	310	326	DEAD	0.	0.	0.
310	310	327	DEAD	0.	0.	0.
310	310	353	DEAD	0.	0.	0.
310	310	352	DEAD	0.	0.	0.
310	310	326	G1	0.	0.	0.
310	310	327	G1	0.	0.	0.
310	310	353	G1	0.	0.	0.
310	310	352	G1	0.	0.	0.
310	310	326	G2	0.	0.	0.
310	310	327	G2	0.	0.	0.
310	310	353	G2	0.	0.	0.
310	310	352	G2	0.	0.	0.
310	310	326	Qm	0.	0.	0.
310	310	327	Qm	0.	0.	0.
310	310	353	Qm	0.	0.	0.
310	310	352	Qm	0.	0.	0.
310	310	326	Qs	0.	0.	0.
310	310	327	Qs	0.	0.	0.
310	310	353	Qs	0.	0.	0.
310	310	352	Qs	0.	0.	0.
310	310	326	T+	-0.88526	-0.88526	-3.845E-17
310	310	327	T+	-0.88526	-0.88526	2.945E-16
310	310	353	T+	-0.88526	-0.88526	7.112E-17
310	310	352	T+	-0.88526	-0.88526	-2.619E-16
310	310	326	T-	0.88526	0.88526	3.845E-17
310	310	327	T-	0.88526	0.88526	-2.945E-16
310	310	353	T-	0.88526	0.88526	-7.112E-17
310	310	352	T-	0.88526	0.88526	2.619E-16
310	310	326	W	0.	0.	0.
310	310	327	W	0.	0.	0.
310	310	353	W	0.	0.	0.
310	310	352	W	0.	0.	0.
310	310	326	Qm-1	0.	0.	0.
310	310	327	Qm-1	0.	0.	0.
310	310	353	Qm-1	0.	0.	0.
310	310	352	Qm-1	0.	0.	0.
310	310	326	Qm-2	0.	0.	0.
310	310	327	Qm-2	0.	0.	0.
310	310	353	Qm-2	0.	0.	0.
310	310	352	Qm-2	0.	0.	0.
311	311	327	DEAD	0.	0.	0.
311	311	328	DEAD	0.	0.	0.
311	311	354	DEAD	0.	0.	0.
311	311	353	DEAD	0.	0.	0.
311	311	327	G1	0.	0.	0.
311	311	328	G1	0.	0.	0.
311	311	354	G1	0.	0.	0.
311	311	353	G1	0.	0.	0.
311	311	327	G2	0.	0.	0.
311	311	328	G2	0.	0.	0.

Table 27: Element Forces - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	F11	F22	F12
				KN/mm	KN/mm	KN/mm
311	311	354	G2	0.	0.	0.
311	311	353	G2	0.	0.	0.
311	311	327	Qm	0.	0.	0.
311	311	328	Qm	0.	0.	0.
311	311	354	Qm	0.	0.	0.
311	311	353	Qm	0.	0.	0.
311	311	327	Qs	0.	0.	0.
311	311	328	Qs	0.	0.	0.
311	311	354	Qs	0.	0.	0.
311	311	353	Qs	0.	0.	0.
311	311	327	T+	-0.88526	-0.88526	1.104E-16
311	311	328	T+	-0.88526	-0.88526	-7.352E-16
311	311	354	T+	-0.88526	-0.88526	3.320E-17
311	311	353	T+	-0.88526	-0.88526	8.788E-16
311	311	327	T-	0.88526	0.88526	-1.104E-16
311	311	328	T-	0.88526	0.88526	7.352E-16
311	311	354	T-	0.88526	0.88526	-3.320E-17
311	311	353	T-	0.88526	0.88526	-8.788E-16
311	311	327	W	0.	0.	0.
311	311	328	W	0.	0.	0.
311	311	354	W	0.	0.	0.
311	311	353	W	0.	0.	0.
311	311	327	Qm-1	0.	0.	0.
311	311	328	Qm-1	0.	0.	0.
311	311	354	Qm-1	0.	0.	0.
311	311	353	Qm-1	0.	0.	0.
311	311	327	Qm-2	0.	0.	0.
311	311	328	Qm-2	0.	0.	0.
311	311	354	Qm-2	0.	0.	0.
311	311	353	Qm-2	0.	0.	0.
312	312	328	DEAD	0.	0.	0.
312	312	329	DEAD	0.	0.	0.
312	312	355	DEAD	0.	0.	0.
312	312	354	DEAD	0.	0.	0.
312	312	328	G1	0.	0.	0.
312	312	329	G1	0.	0.	0.
312	312	355	G1	0.	0.	0.
312	312	354	G1	0.	0.	0.
312	312	328	G2	0.	0.	0.
312	312	329	G2	0.	0.	0.
312	312	355	G2	0.	0.	0.
312	312	354	G2	0.	0.	0.
312	312	328	Qm	0.	0.	0.
312	312	329	Qm	0.	0.	0.
312	312	355	Qm	0.	0.	0.
312	312	354	Qm	0.	0.	0.
312	312	328	Qs	0.	0.	0.
312	312	329	Qs	0.	0.	0.
312	312	355	Qs	0.	0.	0.
312	312	354	Qs	0.	0.	0.
312	312	328	T+	-0.88526	-0.88526	-2.283E-16
312	312	329	T+	-0.88526	-0.88526	-1.087E-15
312	312	355	T+	-0.88526	-0.88526	2.062E-16
312	312	354	T+	-0.88526	-0.88526	1.065E-15

Table 27: Element Forces - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	F11	F22	F12
				KN/mm	KN/mm	KN/mm
312	312	328	T-	0.88526	0.88526	2.283E-16
312	312	329	T-	0.88526	0.88526	1.087E-15
312	312	355	T-	0.88526	0.88526	-2.062E-16
312	312	354	T-	0.88526	0.88526	-1.065E-15
312	312	328	W	0.	0.	0.
312	312	329	W	0.	0.	0.
312	312	355	W	0.	0.	0.
312	312	354	W	0.	0.	0.
312	312	328	Qm-1	0.	0.	0.
312	312	329	Qm-1	0.	0.	0.
312	312	355	Qm-1	0.	0.	0.
312	312	354	Qm-1	0.	0.	0.
312	312	328	Qm-2	0.	0.	0.
312	312	329	Qm-2	0.	0.	0.
312	312	355	Qm-2	0.	0.	0.
312	312	354	Qm-2	0.	0.	0.
313	313	329	DEAD	0.	0.	0.
313	313	330	DEAD	0.	0.	0.
313	313	356	DEAD	0.	0.	0.
313	313	355	DEAD	0.	0.	0.
313	313	329	G1	0.	0.	0.
313	313	330	G1	0.	0.	0.
313	313	356	G1	0.	0.	0.
313	313	355	G1	0.	0.	0.
313	313	329	G2	0.	0.	0.
313	313	330	G2	0.	0.	0.
313	313	356	G2	0.	0.	0.
313	313	355	G2	0.	0.	0.
313	313	329	Qm	0.	0.	0.
313	313	330	Qm	0.	0.	0.
313	313	356	Qm	0.	0.	0.
313	313	355	Qm	0.	0.	0.
313	313	329	Qs	0.	0.	0.
313	313	330	Qs	0.	0.	0.
313	313	356	Qs	0.	0.	0.
313	313	355	Qs	0.	0.	0.
313	313	329	T+	-0.88526	-0.88526	3.897E-17
313	313	330	T+	-0.88526	-0.88526	-1.643E-16
313	313	356	T+	-0.88526	-0.88526	2.415E-17
313	313	355	T+	-0.88526	-0.88526	3.474E-16
313	313	329	T-	0.88526	0.88526	-3.897E-17
313	313	330	T-	0.88526	0.88526	1.643E-16
313	313	356	T-	0.88526	0.88526	-2.415E-17
313	313	355	T-	0.88526	0.88526	-3.474E-16
313	313	329	W	0.	0.	0.
313	313	330	W	0.	0.	0.
313	313	356	W	0.	0.	0.
313	313	355	W	0.	0.	0.
313	313	329	Qm-1	0.	0.	0.
313	313	330	Qm-1	0.	0.	0.
313	313	356	Qm-1	0.	0.	0.
313	313	355	Qm-1	0.	0.	0.
313	313	329	Qm-2	0.	0.	0.
313	313	330	Qm-2	0.	0.	0.

Table 27: Element Forces - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	F11	F22	F12
				KN/mm	KN/mm	KN/mm
313	313	356	Qm-2	0.	0.	0.
313	313	355	Qm-2	0.	0.	0.
314	314	330	DEAD	0.	0.	0.
314	314	331	DEAD	0.	0.	0.
314	314	357	DEAD	0.	0.	0.
314	314	356	DEAD	0.	0.	0.
314	314	330	G1	0.	0.	0.
314	314	331	G1	0.	0.	0.
314	314	357	G1	0.	0.	0.
314	314	356	G1	0.	0.	0.
314	314	330	G2	0.	0.	0.
314	314	331	G2	0.	0.	0.
314	314	357	G2	0.	0.	0.
314	314	356	G2	0.	0.	0.
314	314	330	Qm	0.	0.	0.
314	314	331	Qm	0.	0.	0.
314	314	357	Qm	0.	0.	0.
314	314	356	Qm	0.	0.	0.
314	314	330	Qs	0.	0.	0.
314	314	331	Qs	0.	0.	0.
314	314	357	Qs	0.	0.	0.
314	314	356	Qs	0.	0.	0.
314	314	330	T+	-0.88526	-0.88526	-4.053E-17
314	314	331	T+	-0.88526	-0.88526	4.104E-18
314	314	357	T+	-0.88526	-0.88526	1.036E-16
314	314	356	T+	-0.88526	-0.88526	1.790E-16
314	314	330	T-	0.88526	0.88526	4.053E-17
314	314	331	T-	0.88526	0.88526	-4.104E-18
314	314	357	T-	0.88526	0.88526	-1.036E-16
314	314	356	T-	0.88526	0.88526	-1.790E-16
314	314	330	W	0.	0.	0.
314	314	331	W	0.	0.	0.
314	314	357	W	0.	0.	0.
314	314	356	W	0.	0.	0.
314	314	330	Qm-1	0.	0.	0.
314	314	331	Qm-1	0.	0.	0.
314	314	357	Qm-1	0.	0.	0.
314	314	356	Qm-1	0.	0.	0.
314	314	330	Qm-2	0.	0.	0.
314	314	331	Qm-2	0.	0.	0.
314	314	357	Qm-2	0.	0.	0.
314	314	356	Qm-2	0.	0.	0.
315	315	331	DEAD	0.	0.	0.
315	315	332	DEAD	0.	0.	0.
315	315	358	DEAD	0.	0.	0.
315	315	357	DEAD	0.	0.	0.
315	315	331	G1	0.	0.	0.
315	315	332	G1	0.	0.	0.
315	315	358	G1	0.	0.	0.
315	315	357	G1	0.	0.	0.
315	315	331	G2	0.	0.	0.
315	315	332	G2	0.	0.	0.
315	315	358	G2	0.	0.	0.
315	315	357	G2	0.	0.	0.

Table 27: Element Forces - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	F11	F22	F12
				KN/mm	KN/mm	KN/mm
315	315	331	Qm	0.	0.	0.
315	315	332	Qm	0.	0.	0.
315	315	358	Qm	0.	0.	0.
315	315	357	Qm	0.	0.	0.
315	315	331	Qs	0.	0.	0.
315	315	332	Qs	0.	0.	0.
315	315	358	Qs	0.	0.	0.
315	315	357	Qs	0.	0.	0.
315	315	331	T+	-0.88526	-0.88526	8.183E-17
315	315	332	T+	-0.88526	-0.88526	-1.752E-16
315	315	358	T+	-0.88526	-0.88526	-1.871E-17
315	315	357	T+	-0.88526	-0.88526	3.583E-16
315	315	331	T-	0.88526	0.88526	-8.183E-17
315	315	332	T-	0.88526	0.88526	1.752E-16
315	315	358	T-	0.88526	0.88526	1.871E-17
315	315	357	T-	0.88526	0.88526	-3.583E-16
315	315	331	W	0.	0.	0.
315	315	332	W	0.	0.	0.
315	315	358	W	0.	0.	0.
315	315	357	W	0.	0.	0.
315	315	331	Qm-1	0.	0.	0.
315	315	332	Qm-1	0.	0.	0.
315	315	358	Qm-1	0.	0.	0.
315	315	357	Qm-1	0.	0.	0.
315	315	331	Qm-2	0.	0.	0.
315	315	332	Qm-2	0.	0.	0.
315	315	358	Qm-2	0.	0.	0.
315	315	357	Qm-2	0.	0.	0.
316	316	332	DEAD	0.	0.	0.
316	316	333	DEAD	0.	0.	0.
316	316	359	DEAD	0.	0.	0.
316	316	358	DEAD	0.	0.	0.
316	316	332	G1	0.	0.	0.
316	316	333	G1	0.	0.	0.
316	316	359	G1	0.	0.	0.
316	316	358	G1	0.	0.	0.
316	316	332	G2	0.	0.	0.
316	316	333	G2	0.	0.	0.
316	316	359	G2	0.	0.	0.
316	316	358	G2	0.	0.	0.
316	316	332	Qm	0.	0.	0.
316	316	333	Qm	0.	0.	0.
316	316	359	Qm	0.	0.	0.
316	316	358	Qm	0.	0.	0.
316	316	332	Qs	0.	0.	0.
316	316	333	Qs	0.	0.	0.
316	316	359	Qs	0.	0.	0.
316	316	358	Qs	0.	0.	0.
316	316	332	T+	-0.88526	-0.88526	-8.011E-17
316	316	333	T+	-0.88526	-0.88526	-9.153E-17
316	316	359	T+	-0.88526	-0.88526	2.478E-17
316	316	358	T+	-0.88526	-0.88526	-3.802E-18
316	316	332	T-	0.88526	0.88526	8.011E-17
316	316	333	T-	0.88526	0.88526	9.153E-17

Table 27: Element Forces - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	F11	F22	F12
				KN/mm	KN/mm	KN/mm
316	316	359	T-	0.88526	0.88526	-2.478E-17
316	316	358	T-	0.88526	0.88526	3.802E-18
316	316	332	W	0.	0.	0.
316	316	333	W	0.	0.	0.
316	316	359	W	0.	0.	0.
316	316	358	W	0.	0.	0.
316	316	332	Qm-1	0.	0.	0.
316	316	333	Qm-1	0.	0.	0.
316	316	359	Qm-1	0.	0.	0.
316	316	358	Qm-1	0.	0.	0.
316	316	332	Qm-2	0.	0.	0.
316	316	333	Qm-2	0.	0.	0.
316	316	359	Qm-2	0.	0.	0.
316	316	358	Qm-2	0.	0.	0.
317	317	333	DEAD	0.	0.	0.
317	317	334	DEAD	0.	0.	0.
317	317	360	DEAD	0.	0.	0.
317	317	359	DEAD	0.	0.	0.
317	317	333	G1	0.	0.	0.
317	317	334	G1	0.	0.	0.
317	317	360	G1	0.	0.	0.
317	317	359	G1	0.	0.	0.
317	317	333	G2	0.	0.	0.
317	317	334	G2	0.	0.	0.
317	317	360	G2	0.	0.	0.
317	317	359	G2	0.	0.	0.
317	317	333	Qm	0.	0.	0.
317	317	334	Qm	0.	0.	0.
317	317	360	Qm	0.	0.	0.
317	317	359	Qm	0.	0.	0.
317	317	333	Qs	0.	0.	0.
317	317	334	Qs	0.	0.	0.
317	317	360	Qs	0.	0.	0.
317	317	359	Qs	0.	0.	0.
317	317	333	T+	-0.88526	-0.88526	7.440E-17
317	317	334	T+	-0.88526	-0.88526	-4.827E-16
317	317	360	T+	-0.88526	-0.88526	-5.430E-17
317	317	359	T+	-0.88526	-0.88526	4.628E-16
317	317	333	T-	0.88526	0.88526	-7.440E-17
317	317	334	T-	0.88526	0.88526	4.827E-16
317	317	360	T-	0.88526	0.88526	5.430E-17
317	317	359	T-	0.88526	0.88526	-4.628E-16
317	317	333	W	0.	0.	0.
317	317	334	W	0.	0.	0.
317	317	360	W	0.	0.	0.
317	317	359	W	0.	0.	0.
317	317	333	Qm-1	0.	0.	0.
317	317	334	Qm-1	0.	0.	0.
317	317	360	Qm-1	0.	0.	0.
317	317	359	Qm-1	0.	0.	0.
317	317	333	Qm-2	0.	0.	0.
317	317	334	Qm-2	0.	0.	0.
317	317	360	Qm-2	0.	0.	0.
317	317	359	Qm-2	0.	0.	0.

Table 27: Element Forces - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	F11	F22	F12
				KN/mm	KN/mm	KN/mm
318	318	334	DEAD	0.	0.	0.
318	318	335	DEAD	0.	0.	0.
318	318	361	DEAD	0.	0.	0.
318	318	360	DEAD	0.	0.	0.
318	318	334	G1	0.	0.	0.
318	318	335	G1	0.	0.	0.
318	318	361	G1	0.	0.	0.
318	318	360	G1	0.	0.	0.
318	318	334	G2	0.	0.	0.
318	318	335	G2	0.	0.	0.
318	318	361	G2	0.	0.	0.
318	318	360	G2	0.	0.	0.
318	318	334	Qm	0.	0.	0.
318	318	335	Qm	0.	0.	0.
318	318	361	Qm	0.	0.	0.
318	318	360	Qm	0.	0.	0.
318	318	334	Qs	0.	0.	0.
318	318	335	Qs	0.	0.	0.
318	318	361	Qs	0.	0.	0.
318	318	360	Qs	0.	0.	0.
318	318	334	T+	-0.88526	-0.88526	-2.672E-16
318	318	335	T+	-0.88526	-0.88526	-1.937E-16
318	318	361	T+	-0.88526	-0.88526	3.360E-16
318	318	360	T+	-0.88526	-0.88526	2.625E-16
318	318	334	T-	0.88526	0.88526	2.672E-16
318	318	335	T-	0.88526	0.88526	1.937E-16
318	318	361	T-	0.88526	0.88526	-3.360E-16
318	318	360	T-	0.88526	0.88526	-2.625E-16
318	318	334	W	0.	0.	0.
318	318	335	W	0.	0.	0.
318	318	361	W	0.	0.	0.
318	318	360	W	0.	0.	0.
318	318	334	Qm-1	0.	0.	0.
318	318	335	Qm-1	0.	0.	0.
318	318	361	Qm-1	0.	0.	0.
318	318	360	Qm-1	0.	0.	0.
318	318	334	Qm-2	0.	0.	0.
318	318	335	Qm-2	0.	0.	0.
318	318	361	Qm-2	0.	0.	0.
318	318	360	Qm-2	0.	0.	0.
319	319	335	DEAD	0.	0.	0.
319	319	336	DEAD	0.	0.	0.
319	319	362	DEAD	0.	0.	0.
319	319	361	DEAD	0.	0.	0.
319	319	335	G1	0.	0.	0.
319	319	336	G1	0.	0.	0.
319	319	362	G1	0.	0.	0.
319	319	361	G1	0.	0.	0.
319	319	335	G2	0.	0.	0.
319	319	336	G2	0.	0.	0.
319	319	362	G2	0.	0.	0.
319	319	361	G2	0.	0.	0.
319	319	335	Qm	0.	0.	0.
319	319	336	Qm	0.	0.	0.

Table 27: Element Forces - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	F11	F22	F12
				KN/mm	KN/mm	KN/mm
319	319	362	Qm	0.	0.	0.
319	319	361	Qm	0.	0.	0.
319	319	335	Qs	0.	0.	0.
319	319	336	Qs	0.	0.	0.
319	319	362	Qs	0.	0.	0.
319	319	361	Qs	0.	0.	0.
319	319	335	T+	-0.88526	-0.88526	1.751E-16
319	319	336	T+	-0.88526	-0.88526	1.968E-16
319	319	362	T+	-0.88526	-0.88526	-3.214E-16
319	319	361	T+	-0.88526	-0.88526	-2.631E-16
319	319	335	T-	0.88526	0.88526	-1.751E-16
319	319	336	T-	0.88526	0.88526	-1.968E-16
319	319	362	T-	0.88526	0.88526	3.214E-16
319	319	361	T-	0.88526	0.88526	2.631E-16
319	319	335	W	0.	0.	0.
319	319	336	W	0.	0.	0.
319	319	362	W	0.	0.	0.
319	319	361	W	0.	0.	0.
319	319	335	Qm-1	0.	0.	0.
319	319	336	Qm-1	0.	0.	0.
319	319	362	Qm-1	0.	0.	0.
319	319	361	Qm-1	0.	0.	0.
319	319	335	Qm-2	0.	0.	0.
319	319	336	Qm-2	0.	0.	0.
319	319	362	Qm-2	0.	0.	0.
319	319	361	Qm-2	0.	0.	0.
320	320	336	DEAD	0.	0.	0.
320	320	337	DEAD	0.	0.	0.
320	320	363	DEAD	0.	0.	0.
320	320	362	DEAD	0.	0.	0.
320	320	336	G1	0.	0.	0.
320	320	337	G1	0.	0.	0.
320	320	363	G1	0.	0.	0.
320	320	362	G1	0.	0.	0.
320	320	336	G2	0.	0.	0.
320	320	337	G2	0.	0.	0.
320	320	363	G2	0.	0.	0.
320	320	362	G2	0.	0.	0.
320	320	336	Qm	0.	0.	0.
320	320	337	Qm	0.	0.	0.
320	320	363	Qm	0.	0.	0.
320	320	362	Qm	0.	0.	0.
320	320	336	Qs	0.	0.	0.
320	320	337	Qs	0.	0.	0.
320	320	363	Qs	0.	0.	0.
320	320	362	Qs	0.	0.	0.
320	320	336	T+	-0.88526	-0.88526	-1.712E-16
320	320	337	T+	-0.88526	-0.88526	4.589E-16
320	320	363	T+	-0.88526	-0.88526	1.279E-16
320	320	362	T+	-0.88526	-0.88526	-4.622E-16
320	320	336	T-	0.88526	0.88526	1.712E-16
320	320	337	T-	0.88526	0.88526	-4.589E-16
320	320	363	T-	0.88526	0.88526	-1.279E-16
320	320	362	T-	0.88526	0.88526	4.622E-16

Table 27: Element Forces - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	F11	F22	F12
				KN/mm	KN/mm	KN/mm
320	320	336	W	0.	0.	0.
320	320	337	W	0.	0.	0.
320	320	363	W	0.	0.	0.
320	320	362	W	0.	0.	0.
320	320	336	Qm-1	0.	0.	0.
320	320	337	Qm-1	0.	0.	0.
320	320	363	Qm-1	0.	0.	0.
320	320	362	Qm-1	0.	0.	0.
320	320	336	Qm-2	0.	0.	0.
320	320	337	Qm-2	0.	0.	0.
320	320	363	Qm-2	0.	0.	0.
320	320	362	Qm-2	0.	0.	0.
321	321	337	DEAD	0.	0.	0.
321	321	338	DEAD	0.	0.	0.
321	321	364	DEAD	0.	0.	0.
321	321	363	DEAD	0.	0.	0.
321	321	337	G1	0.	0.	0.
321	321	338	G1	0.	0.	0.
321	321	364	G1	0.	0.	0.
321	321	363	G1	0.	0.	0.
321	321	337	G2	0.	0.	0.
321	321	338	G2	0.	0.	0.
321	321	364	G2	0.	0.	0.
321	321	363	G2	0.	0.	0.
321	321	337	Qm	0.	0.	0.
321	321	338	Qm	0.	0.	0.
321	321	364	Qm	0.	0.	0.
321	321	363	Qm	0.	0.	0.
321	321	337	Qs	0.	0.	0.
321	321	338	Qs	0.	0.	0.
321	321	364	Qs	0.	0.	0.
321	321	363	Qs	0.	0.	0.
321	321	337	T+	-0.88526	-0.88526	8.169E-17
321	321	338	T+	-0.88526	-0.88526	-1.549E-16
321	321	364	T+	-0.88526	-0.88526	-1.857E-17
321	321	363	T+	-0.88526	-0.88526	3.380E-16
321	321	337	T-	0.88526	0.88526	-8.169E-17
321	321	338	T-	0.88526	0.88526	1.549E-16
321	321	364	T-	0.88526	0.88526	1.857E-17
321	321	363	T-	0.88526	0.88526	-3.380E-16
321	321	337	W	0.	0.	0.
321	321	338	W	0.	0.	0.
321	321	364	W	0.	0.	0.
321	321	363	W	0.	0.	0.
321	321	337	Qm-1	0.	0.	0.
321	321	338	Qm-1	0.	0.	0.
321	321	364	Qm-1	0.	0.	0.
321	321	363	Qm-1	0.	0.	0.
321	321	337	Qm-2	0.	0.	0.
321	321	338	Qm-2	0.	0.	0.
321	321	364	Qm-2	0.	0.	0.
321	321	363	Qm-2	0.	0.	0.
322	322	338	DEAD	0.	0.	0.
322	322	339	DEAD	0.	0.	0.

Table 27: Element Forces - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	F11	F22	F12
				KN/mm	KN/mm	KN/mm
322	322	365	DEAD	0.	0.	0.
322	322	364	DEAD	0.	0.	0.
322	322	338	G1	0.	0.	0.
322	322	339	G1	0.	0.	0.
322	322	365	G1	0.	0.	0.
322	322	364	G1	0.	0.	0.
322	322	338	G2	0.	0.	0.
322	322	339	G2	0.	0.	0.
322	322	365	G2	0.	0.	0.
322	322	364	G2	0.	0.	0.
322	322	338	Qm	0.	0.	0.
322	322	339	Qm	0.	0.	0.
322	322	365	Qm	0.	0.	0.
322	322	364	Qm	0.	0.	0.
322	322	338	Qs	0.	0.	0.
322	322	339	Qs	0.	0.	0.
322	322	365	Qs	0.	0.	0.
322	322	364	Qs	0.	0.	0.
322	322	338	T+	-0.88526	-0.88526	-7.119E-17
322	322	339	T+	-0.88526	-0.88526	-1.147E-17
322	322	365	T+	-0.88526	-0.88526	-1.305E-17
322	322	364	T+	-0.88526	-0.88526	-1.528E-16
322	322	338	T-	0.88526	0.88526	7.119E-17
322	322	339	T-	0.88526	0.88526	1.147E-17
322	322	365	T-	0.88526	0.88526	1.305E-17
322	322	364	T-	0.88526	0.88526	1.528E-16
322	322	338	W	0.	0.	0.
322	322	339	W	0.	0.	0.
322	322	365	W	0.	0.	0.
322	322	364	W	0.	0.	0.
322	322	338	Qm-1	0.	0.	0.
322	322	339	Qm-1	0.	0.	0.
322	322	365	Qm-1	0.	0.	0.
322	322	364	Qm-1	0.	0.	0.
322	322	338	Qm-2	0.	0.	0.
322	322	339	Qm-2	0.	0.	0.
322	322	365	Qm-2	0.	0.	0.
322	322	364	Qm-2	0.	0.	0.
323	323	339	DEAD	0.	0.	0.
323	323	340	DEAD	0.	0.	0.
323	323	366	DEAD	0.	0.	0.
323	323	365	DEAD	0.	0.	0.
323	323	339	G1	0.	0.	0.
323	323	340	G1	0.	0.	0.
323	323	366	G1	0.	0.	0.
323	323	365	G1	0.	0.	0.
323	323	339	G2	0.	0.	0.
323	323	340	G2	0.	0.	0.
323	323	366	G2	0.	0.	0.
323	323	365	G2	0.	0.	0.
323	323	339	Qm	0.	0.	0.
323	323	340	Qm	0.	0.	0.
323	323	366	Qm	0.	0.	0.
323	323	365	Qm	0.	0.	0.

Table 27: Element Forces - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	F11	F22	F12
				KN/mm	KN/mm	KN/mm
323	323	339	Qs	0.	0.	0.
323	323	340	Qs	0.	0.	0.
323	323	366	Qs	0.	0.	0.
323	323	365	Qs	0.	0.	0.
323	323	339	T+	-0.88526	-0.88526	-7.683E-17
323	323	340	T+	-0.88526	-0.88526	-2.617E-16
323	323	366	T+	-0.88526	-0.88526	-8.309E-17
323	323	365	T+	-0.88526	-0.88526	2.617E-16
323	323	339	T-	0.88526	0.88526	7.683E-17
323	323	340	T-	0.88526	0.88526	2.617E-16
323	323	366	T-	0.88526	0.88526	8.309E-17
323	323	365	T-	0.88526	0.88526	-2.617E-16
323	323	339	W	0.	0.	0.
323	323	340	W	0.	0.	0.
323	323	366	W	0.	0.	0.
323	323	365	W	0.	0.	0.
323	323	339	Qm-1	0.	0.	0.
323	323	340	Qm-1	0.	0.	0.
323	323	366	Qm-1	0.	0.	0.
323	323	365	Qm-1	0.	0.	0.
323	323	339	Qm-2	0.	0.	0.
323	323	340	Qm-2	0.	0.	0.
323	323	366	Qm-2	0.	0.	0.
323	323	365	Qm-2	0.	0.	0.
324	324	340	DEAD	0.	0.	0.
324	324	341	DEAD	0.	0.	0.
324	324	367	DEAD	0.	0.	0.
324	324	366	DEAD	0.	0.	0.
324	324	340	G1	0.	0.	0.
324	324	341	G1	0.	0.	0.
324	324	367	G1	0.	0.	0.
324	324	366	G1	0.	0.	0.
324	324	340	G2	0.	0.	0.
324	324	341	G2	0.	0.	0.
324	324	367	G2	0.	0.	0.
324	324	366	G2	0.	0.	0.
324	324	340	Qm	0.	0.	0.
324	324	341	Qm	0.	0.	0.
324	324	367	Qm	0.	0.	0.
324	324	366	Qm	0.	0.	0.
324	324	340	Qs	0.	0.	0.
324	324	341	Qs	0.	0.	0.
324	324	367	Qs	0.	0.	0.
324	324	366	Qs	0.	0.	0.
324	324	340	T+	-0.88526	-0.88526	-1.384E-16
324	324	341	T+	-0.88526	-0.88526	5.022E-16
324	324	367	T+	-0.88526	-0.88526	4.405E-17
324	324	366	T+	-0.88526	-0.88526	-5.965E-16
324	324	340	T-	0.88526	0.88526	1.384E-16
324	324	341	T-	0.88526	0.88526	-5.022E-16
324	324	367	T-	0.88526	0.88526	-4.405E-17
324	324	366	T-	0.88526	0.88526	5.965E-16
324	324	340	W	0.	0.	0.
324	324	341	W	0.	0.	0.

Table 27: Element Forces - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	F11	F22	F12
				KN/mm	KN/mm	KN/mm
324	324	367	W	0.	0.	0.
324	324	366	W	0.	0.	0.
324	324	340	Qm-1	0.	0.	0.
324	324	341	Qm-1	0.	0.	0.
324	324	367	Qm-1	0.	0.	0.
324	324	366	Qm-1	0.	0.	0.
324	324	340	Qm-2	0.	0.	0.
324	324	341	Qm-2	0.	0.	0.
324	324	367	Qm-2	0.	0.	0.
324	324	366	Qm-2	0.	0.	0.
325	325	341	DEAD	0.	0.	0.
325	325	342	DEAD	0.	0.	0.
325	325	368	DEAD	0.	0.	0.
325	325	367	DEAD	0.	0.	0.
325	325	341	G1	0.	0.	0.
325	325	342	G1	0.	0.	0.
325	325	368	G1	0.	0.	0.
325	325	367	G1	0.	0.	0.
325	325	341	G2	0.	0.	0.
325	325	342	G2	0.	0.	0.
325	325	368	G2	0.	0.	0.
325	325	367	G2	0.	0.	0.
325	325	341	Qm	0.	0.	0.
325	325	342	Qm	0.	0.	0.
325	325	368	Qm	0.	0.	0.
325	325	367	Qm	0.	0.	0.
325	325	341	Qs	0.	0.	0.
325	325	342	Qs	0.	0.	0.
325	325	368	Qs	0.	0.	0.
325	325	367	Qs	0.	0.	0.
325	325	341	T+	-0.88526	-0.88526	-8.240E-17
325	325	342	T+	-0.88526	-0.88526	-1.055E-15
325	325	368	T+	-0.88526	-0.88526	1.017E-16
325	325	367	T+	-0.88526	-0.88526	1.074E-15
325	325	341	T-	0.88526	0.88526	8.240E-17
325	325	342	T-	0.88526	0.88526	1.055E-15
325	325	368	T-	0.88526	0.88526	-1.017E-16
325	325	367	T-	0.88526	0.88526	-1.074E-15
325	325	341	W	0.	0.	0.
325	325	342	W	0.	0.	0.
325	325	368	W	0.	0.	0.
325	325	367	W	0.	0.	0.
325	325	341	Qm-1	0.	0.	0.
325	325	342	Qm-1	0.	0.	0.
325	325	368	Qm-1	0.	0.	0.
325	325	367	Qm-1	0.	0.	0.
325	325	341	Qm-2	0.	0.	0.
325	325	342	Qm-2	0.	0.	0.
325	325	368	Qm-2	0.	0.	0.
325	325	367	Qm-2	0.	0.	0.
326	326	342	DEAD	0.	0.	0.
326	326	343	DEAD	0.	0.	0.
326	326	369	DEAD	0.	0.	0.
326	326	368	DEAD	0.	0.	0.

Table 27: Element Forces - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	F11	F22	F12
				KN/mm	KN/mm	KN/mm
326	326	342	G1	0.	0.	0.
326	326	343	G1	0.	0.	0.
326	326	369	G1	0.	0.	0.
326	326	368	G1	0.	0.	0.
326	326	342	G2	0.	0.	0.
326	326	343	G2	0.	0.	0.
326	326	369	G2	0.	0.	0.
326	326	368	G2	0.	0.	0.
326	326	342	Qm	0.	0.	0.
326	326	343	Qm	0.	0.	0.
326	326	369	Qm	0.	0.	0.
326	326	368	Qm	0.	0.	0.
326	326	342	Qs	0.	0.	0.
326	326	343	Qs	0.	0.	0.
326	326	369	Qs	0.	0.	0.
326	326	368	Qs	0.	0.	0.
326	326	342	T+	-0.88526	-0.88526	-2.480E-16
326	326	343	T+	-0.88526	-0.88526	-3.294E-16
326	326	369	T+	-0.88526	-0.88526	2.612E-16
326	326	368	T+	-0.88526	-0.88526	3.026E-16
326	326	342	T-	0.88526	0.88526	2.480E-16
326	326	343	T-	0.88526	0.88526	3.294E-16
326	326	369	T-	0.88526	0.88526	-2.612E-16
326	326	368	T-	0.88526	0.88526	-3.026E-16
326	326	342	W	0.	0.	0.
326	326	343	W	0.	0.	0.
326	326	369	W	0.	0.	0.
326	326	368	W	0.	0.	0.
326	326	342	Qm-1	0.	0.	0.
326	326	343	Qm-1	0.	0.	0.
326	326	369	Qm-1	0.	0.	0.
326	326	368	Qm-1	0.	0.	0.
326	326	342	Qm-2	0.	0.	0.
326	326	343	Qm-2	0.	0.	0.
326	326	369	Qm-2	0.	0.	0.
326	326	368	Qm-2	0.	0.	0.
327	327	343	DEAD	0.	0.	0.
327	327	344	DEAD	0.	0.	0.
327	327	370	DEAD	0.	0.	0.
327	327	369	DEAD	0.	0.	0.
327	327	343	G1	0.	0.	0.
327	327	344	G1	0.	0.	0.
327	327	370	G1	0.	0.	0.
327	327	369	G1	0.	0.	0.
327	327	343	G2	0.	0.	0.
327	327	344	G2	0.	0.	0.
327	327	370	G2	0.	0.	0.
327	327	369	G2	0.	0.	0.
327	327	343	Qm	0.	0.	0.
327	327	344	Qm	0.	0.	0.
327	327	370	Qm	0.	0.	0.
327	327	369	Qm	0.	0.	0.
327	327	343	Qs	0.	0.	0.
327	327	344	Qs	0.	0.	0.

Table 27: Element Forces - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	F11	F22	F12
				KN/mm	KN/mm	KN/mm
327	327	370	Qs	0.	0.	0.
327	327	369	Qs	0.	0.	0.
327	327	343	T+	-0.88526	-0.88526	-3.974E-17
327	327	344	T+	-0.88526	-0.88526	-2.596E-16
327	327	370	T+	-0.88526	-0.88526	1.035E-16
327	327	369	T+	-0.88526	-0.88526	3.234E-16
327	327	343	T-	0.88526	0.88526	3.974E-17
327	327	344	T-	0.88526	0.88526	2.596E-16
327	327	370	T-	0.88526	0.88526	-1.035E-16
327	327	369	T-	0.88526	0.88526	-3.234E-16
327	327	343	W	0.	0.	0.
327	327	344	W	0.	0.	0.
327	327	370	W	0.	0.	0.
327	327	369	W	0.	0.	0.
327	327	343	Qm-1	0.	0.	0.
327	327	344	Qm-1	0.	0.	0.
327	327	370	Qm-1	0.	0.	0.
327	327	369	Qm-1	0.	0.	0.
327	327	343	Qm-2	0.	0.	0.
327	327	344	Qm-2	0.	0.	0.
327	327	370	Qm-2	0.	0.	0.
327	327	369	Qm-2	0.	0.	0.
328	328	345	DEAD	0.	0.	0.
328	328	346	DEAD	0.	0.	0.
328	328	372	DEAD	0.	0.	0.
328	328	371	DEAD	0.	0.	0.
328	328	345	G1	0.	0.	0.
328	328	346	G1	0.	0.	0.
328	328	372	G1	0.	0.	0.
328	328	371	G1	0.	0.	0.
328	328	345	G2	0.	0.	0.
328	328	346	G2	0.	0.	0.
328	328	372	G2	0.	0.	0.
328	328	371	G2	0.	0.	0.
328	328	345	Qm	0.	0.	0.
328	328	346	Qm	0.	0.	0.
328	328	372	Qm	0.	0.	0.
328	328	371	Qm	0.	0.	0.
328	328	345	Qs	0.	0.	0.
328	328	346	Qs	0.	0.	0.
328	328	372	Qs	0.	0.	0.
328	328	371	Qs	0.	0.	0.
328	328	345	T+	-0.88526	-0.88526	-2.656E-17
328	328	346	T+	-0.88526	-0.88526	6.302E-16
328	328	372	T+	-0.88526	-0.88526	2.689E-17
328	328	371	T+	-0.88526	-0.88526	-6.698E-16
328	328	345	T-	0.88526	0.88526	2.656E-17
328	328	346	T-	0.88526	0.88526	-6.302E-16
328	328	372	T-	0.88526	0.88526	-2.689E-17
328	328	371	T-	0.88526	0.88526	6.698E-16
328	328	345	W	0.	0.	0.
328	328	346	W	0.	0.	0.
328	328	372	W	0.	0.	0.
328	328	371	W	0.	0.	0.

Table 27: Element Forces - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	F11	F22	F12
				KN/mm	KN/mm	KN/mm
328	328	345	Qm-1	0.	0.	0.
328	328	346	Qm-1	0.	0.	0.
328	328	372	Qm-1	0.	0.	0.
328	328	371	Qm-1	0.	0.	0.
328	328	345	Qm-2	0.	0.	0.
328	328	346	Qm-2	0.	0.	0.
328	328	372	Qm-2	0.	0.	0.
328	328	371	Qm-2	0.	0.	0.
329	329	346	DEAD	0.	0.	0.
329	329	347	DEAD	0.	0.	0.
329	329	373	DEAD	0.	0.	0.
329	329	372	DEAD	0.	0.	0.
329	329	346	G1	0.	0.	0.
329	329	347	G1	0.	0.	0.
329	329	373	G1	0.	0.	0.
329	329	372	G1	0.	0.	0.
329	329	346	G2	0.	0.	0.
329	329	347	G2	0.	0.	0.
329	329	373	G2	0.	0.	0.
329	329	372	G2	0.	0.	0.
329	329	346	Qm	0.	0.	0.
329	329	347	Qm	0.	0.	0.
329	329	373	Qm	0.	0.	0.
329	329	372	Qm	0.	0.	0.
329	329	346	Qs	0.	0.	0.
329	329	347	Qs	0.	0.	0.
329	329	373	Qs	0.	0.	0.
329	329	372	Qs	0.	0.	0.
329	329	346	T+	-0.88526	-0.88526	-2.581E-16
329	329	347	T+	-0.88526	-0.88526	-1.189E-16
329	329	373	T+	-0.88526	-0.88526	1.668E-16
329	329	372	T+	-0.88526	-0.88526	1.075E-16
329	329	346	T-	0.88526	0.88526	2.581E-16
329	329	347	T-	0.88526	0.88526	1.189E-16
329	329	373	T-	0.88526	0.88526	-1.668E-16
329	329	372	T-	0.88526	0.88526	-1.075E-16
329	329	346	W	0.	0.	0.
329	329	347	W	0.	0.	0.
329	329	373	W	0.	0.	0.
329	329	372	W	0.	0.	0.
329	329	346	Qm-1	0.	0.	0.
329	329	347	Qm-1	0.	0.	0.
329	329	373	Qm-1	0.	0.	0.
329	329	372	Qm-1	0.	0.	0.
329	329	346	Qm-2	0.	0.	0.
329	329	347	Qm-2	0.	0.	0.
329	329	373	Qm-2	0.	0.	0.
329	329	372	Qm-2	0.	0.	0.
330	330	347	DEAD	0.	0.	0.
330	330	348	DEAD	0.	0.	0.
330	330	374	DEAD	0.	0.	0.
330	330	373	DEAD	0.	0.	0.
330	330	347	G1	0.	0.	0.
330	330	348	G1	0.	0.	0.

Table 27: Element Forces - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	F11	F22	F12
				KN/mm	KN/mm	KN/mm
330	330	374	G1	0.	0.	0.
330	330	373	G1	0.	0.	0.
330	330	347	G2	0.	0.	0.
330	330	348	G2	0.	0.	0.
330	330	374	G2	0.	0.	0.
330	330	373	G2	0.	0.	0.
330	330	347	Qm	0.	0.	0.
330	330	348	Qm	0.	0.	0.
330	330	374	Qm	0.	0.	0.
330	330	373	Qm	0.	0.	0.
330	330	347	Qs	0.	0.	0.
330	330	348	Qs	0.	0.	0.
330	330	374	Qs	0.	0.	0.
330	330	373	Qs	0.	0.	0.
330	330	347	T+	-0.88526	-0.88526	-2.566E-16
330	330	348	T+	-0.88526	-0.88526	-1.603E-16
330	330	374	T+	-0.88526	-0.88526	3.254E-16
330	330	373	T+	-0.88526	-0.88526	2.291E-16
330	330	347	T-	0.88526	0.88526	2.566E-16
330	330	348	T-	0.88526	0.88526	1.603E-16
330	330	374	T-	0.88526	0.88526	-3.254E-16
330	330	373	T-	0.88526	0.88526	-2.291E-16
330	330	347	W	0.	0.	0.
330	330	348	W	0.	0.	0.
330	330	374	W	0.	0.	0.
330	330	373	W	0.	0.	0.
330	330	347	Qm-1	0.	0.	0.
330	330	348	Qm-1	0.	0.	0.
330	330	374	Qm-1	0.	0.	0.
330	330	373	Qm-1	0.	0.	0.
330	330	347	Qm-2	0.	0.	0.
330	330	348	Qm-2	0.	0.	0.
330	330	374	Qm-2	0.	0.	0.
330	330	373	Qm-2	0.	0.	0.
331	331	348	DEAD	0.	0.	0.
331	331	349	DEAD	0.	0.	0.
331	331	375	DEAD	0.	0.	0.
331	331	374	DEAD	0.	0.	0.
331	331	348	G1	0.	0.	0.
331	331	349	G1	0.	0.	0.
331	331	375	G1	0.	0.	0.
331	331	374	G1	0.	0.	0.
331	331	348	G2	0.	0.	0.
331	331	349	G2	0.	0.	0.
331	331	375	G2	0.	0.	0.
331	331	374	G2	0.	0.	0.
331	331	348	Qm	0.	0.	0.
331	331	349	Qm	0.	0.	0.
331	331	375	Qm	0.	0.	0.
331	331	374	Qm	0.	0.	0.
331	331	348	Qs	0.	0.	0.
331	331	349	Qs	0.	0.	0.
331	331	375	Qs	0.	0.	0.
331	331	374	Qs	0.	0.	0.

Table 27: Element Forces - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	F11	F22	F12
				KN/mm	KN/mm	KN/mm
331	331	348	T+	-0.88526	-0.88526	-2.443E-16
331	331	349	T+	-0.88526	-0.88526	5.986E-17
331	331	375	T+	-0.88526	-0.88526	2.279E-16
331	331	374	T+	-0.88526	-0.88526	-7.626E-17
331	331	348	T-	0.88526	0.88526	2.443E-16
331	331	349	T-	0.88526	0.88526	-5.986E-17
331	331	375	T-	0.88526	0.88526	-2.279E-16
331	331	374	T-	0.88526	0.88526	7.626E-17
331	331	348	W	0.	0.	0.
331	331	349	W	0.	0.	0.
331	331	375	W	0.	0.	0.
331	331	374	W	0.	0.	0.
331	331	348	Qm-1	0.	0.	0.
331	331	349	Qm-1	0.	0.	0.
331	331	375	Qm-1	0.	0.	0.
331	331	374	Qm-1	0.	0.	0.
331	331	348	Qm-2	0.	0.	0.
331	331	349	Qm-2	0.	0.	0.
331	331	375	Qm-2	0.	0.	0.
331	331	374	Qm-2	0.	0.	0.
332	332	349	DEAD	0.	0.	0.
332	332	350	DEAD	0.	0.	0.
332	332	376	DEAD	0.	0.	0.
332	332	375	DEAD	0.	0.	0.
332	332	349	G1	0.	0.	0.
332	332	350	G1	0.	0.	0.
332	332	376	G1	0.	0.	0.
332	332	375	G1	0.	0.	0.
332	332	349	G2	0.	0.	0.
332	332	350	G2	0.	0.	0.
332	332	376	G2	0.	0.	0.
332	332	375	G2	0.	0.	0.
332	332	349	Qm	0.	0.	0.
332	332	350	Qm	0.	0.	0.
332	332	376	Qm	0.	0.	0.
332	332	375	Qm	0.	0.	0.
332	332	349	Qs	0.	0.	0.
332	332	350	Qs	0.	0.	0.
332	332	376	Qs	0.	0.	0.
332	332	375	Qs	0.	0.	0.
332	332	349	T+	-0.88526	-0.88526	-4.423E-16
332	332	350	T+	-0.88526	-0.88526	5.481E-17
332	332	376	T+	-0.88526	-0.88526	1.787E-16
332	332	375	T+	-0.88526	-0.88526	-3.184E-16
332	332	349	T-	0.88526	0.88526	4.423E-16
332	332	350	T-	0.88526	0.88526	-5.481E-17
332	332	376	T-	0.88526	0.88526	-1.787E-16
332	332	375	T-	0.88526	0.88526	3.184E-16
332	332	349	W	0.	0.	0.
332	332	350	W	0.	0.	0.
332	332	376	W	0.	0.	0.
332	332	375	W	0.	0.	0.
332	332	349	Qm-1	0.	0.	0.
332	332	350	Qm-1	0.	0.	0.

Table 27: Element Forces - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	F11	F22	F12
				KN/mm	KN/mm	KN/mm
332	332	376	Qm-1	0.	0.	0.
332	332	375	Qm-1	0.	0.	0.
332	332	349	Qm-2	0.	0.	0.
332	332	350	Qm-2	0.	0.	0.
332	332	376	Qm-2	0.	0.	0.
332	332	375	Qm-2	0.	0.	0.
333	333	350	DEAD	0.	0.	0.
333	333	351	DEAD	0.	0.	0.
333	333	377	DEAD	0.	0.	0.
333	333	376	DEAD	0.	0.	0.
333	333	350	G1	0.	0.	0.
333	333	351	G1	0.	0.	0.
333	333	377	G1	0.	0.	0.
333	333	376	G1	0.	0.	0.
333	333	350	G2	0.	0.	0.
333	333	351	G2	0.	0.	0.
333	333	377	G2	0.	0.	0.
333	333	376	G2	0.	0.	0.
333	333	350	Qm	0.	0.	0.
333	333	351	Qm	0.	0.	0.
333	333	377	Qm	0.	0.	0.
333	333	376	Qm	0.	0.	0.
333	333	350	Qs	0.	0.	0.
333	333	351	Qs	0.	0.	0.
333	333	377	Qs	0.	0.	0.
333	333	376	Qs	0.	0.	0.
333	333	350	T+	-0.88526	-0.88526	-9.667E-17
333	333	351	T+	-0.88526	-0.88526	5.617E-16
333	333	377	T+	-0.88526	-0.88526	1.140E-17
333	333	376	T+	-0.88526	-0.88526	-6.469E-16
333	333	350	T-	0.88526	0.88526	9.667E-17
333	333	351	T-	0.88526	0.88526	-5.617E-16
333	333	377	T-	0.88526	0.88526	-1.140E-17
333	333	376	T-	0.88526	0.88526	6.469E-16
333	333	350	W	0.	0.	0.
333	333	351	W	0.	0.	0.
333	333	377	W	0.	0.	0.
333	333	376	W	0.	0.	0.
333	333	350	Qm-1	0.	0.	0.
333	333	351	Qm-1	0.	0.	0.
333	333	377	Qm-1	0.	0.	0.
333	333	376	Qm-1	0.	0.	0.
333	333	350	Qm-2	0.	0.	0.
333	333	351	Qm-2	0.	0.	0.
333	333	377	Qm-2	0.	0.	0.
333	333	376	Qm-2	0.	0.	0.
334	334	351	DEAD	0.	0.	0.
334	334	352	DEAD	0.	0.	0.
334	334	378	DEAD	0.	0.	0.
334	334	377	DEAD	0.	0.	0.
334	334	351	G1	0.	0.	0.
334	334	352	G1	0.	0.	0.
334	334	378	G1	0.	0.	0.
334	334	377	G1	0.	0.	0.

Table 27: Element Forces - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	F11	F22	F12
				KN/mm	KN/mm	KN/mm
334	334	351	G2	0.	0.	0.
334	334	352	G2	0.	0.	0.
334	334	378	G2	0.	0.	0.
334	334	377	G2	0.	0.	0.
334	334	351	Qm	0.	0.	0.
334	334	352	Qm	0.	0.	0.
334	334	378	Qm	0.	0.	0.
334	334	377	Qm	0.	0.	0.
334	334	351	Qs	0.	0.	0.
334	334	352	Qs	0.	0.	0.
334	334	378	Qs	0.	0.	0.
334	334	377	Qs	0.	0.	0.
334	334	351	T+	-0.88526	-0.88526	4.711E-17
334	334	352	T+	-0.88526	-0.88526	-5.564E-18
334	334	378	T+	-0.88526	-0.88526	1.601E-17
334	334	377	T+	-0.88526	-0.88526	1.887E-16
334	334	351	T-	0.88526	0.88526	-4.711E-17
334	334	352	T-	0.88526	0.88526	5.564E-18
334	334	378	T-	0.88526	0.88526	-1.601E-17
334	334	377	T-	0.88526	0.88526	-1.887E-16
334	334	351	W	0.	0.	0.
334	334	352	W	0.	0.	0.
334	334	378	W	0.	0.	0.
334	334	377	W	0.	0.	0.
334	334	351	Qm-1	0.	0.	0.
334	334	352	Qm-1	0.	0.	0.
334	334	378	Qm-1	0.	0.	0.
334	334	377	Qm-1	0.	0.	0.
334	334	351	Qm-2	0.	0.	0.
334	334	352	Qm-2	0.	0.	0.
334	334	378	Qm-2	0.	0.	0.
334	334	377	Qm-2	0.	0.	0.
335	335	352	DEAD	0.	0.	0.
335	335	353	DEAD	0.	0.	0.
335	335	379	DEAD	0.	0.	0.
335	335	378	DEAD	0.	0.	0.
335	335	352	G1	0.	0.	0.
335	335	353	G1	0.	0.	0.
335	335	379	G1	0.	0.	0.
335	335	378	G1	0.	0.	0.
335	335	352	G2	0.	0.	0.
335	335	353	G2	0.	0.	0.
335	335	379	G2	0.	0.	0.
335	335	378	G2	0.	0.	0.
335	335	352	Qm	0.	0.	0.
335	335	353	Qm	0.	0.	0.
335	335	379	Qm	0.	0.	0.
335	335	378	Qm	0.	0.	0.
335	335	352	Qs	0.	0.	0.
335	335	353	Qs	0.	0.	0.
335	335	379	Qs	0.	0.	0.
335	335	378	Qs	0.	0.	0.
335	335	352	T+	-0.88526	-0.88526	-3.949E-16
335	335	353	T+	-0.88526	-0.88526	-7.747E-16

Table 27: Element Forces - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	F11	F22	F12
				KN/mm	KN/mm	KN/mm
335	335	379	T+	-0.88526	-0.88526	1.662E-16
335	335	378	T+	-0.88526	-0.88526	4.660E-16
335	335	352	T-	0.88526	0.88526	3.949E-16
335	335	353	T-	0.88526	0.88526	7.747E-16
335	335	379	T-	0.88526	0.88526	-1.662E-16
335	335	378	T-	0.88526	0.88526	-4.660E-16
335	335	352	W	0.	0.	0.
335	335	353	W	0.	0.	0.
335	335	379	W	0.	0.	0.
335	335	378	W	0.	0.	0.
335	335	352	Qm-1	0.	0.	0.
335	335	353	Qm-1	0.	0.	0.
335	335	379	Qm-1	0.	0.	0.
335	335	378	Qm-1	0.	0.	0.
335	335	352	Qm-2	0.	0.	0.
335	335	353	Qm-2	0.	0.	0.
335	335	379	Qm-2	0.	0.	0.
335	335	378	Qm-2	0.	0.	0.
336	336	353	DEAD	0.	0.	0.
336	336	354	DEAD	0.	0.	0.
336	336	380	DEAD	0.	0.	0.
336	336	379	DEAD	0.	0.	0.
336	336	353	G1	0.	0.	0.
336	336	354	G1	0.	0.	0.
336	336	380	G1	0.	0.	0.
336	336	379	G1	0.	0.	0.
336	336	353	G2	0.	0.	0.
336	336	354	G2	0.	0.	0.
336	336	380	G2	0.	0.	0.
336	336	379	G2	0.	0.	0.
336	336	353	Qm	0.	0.	0.
336	336	354	Qm	0.	0.	0.
336	336	380	Qm	0.	0.	0.
336	336	379	Qm	0.	0.	0.
336	336	353	Qs	0.	0.	0.
336	336	354	Qs	0.	0.	0.
336	336	380	Qs	0.	0.	0.
336	336	379	Qs	0.	0.	0.
336	336	353	T+	-0.88526	-0.88526	7.078E-17
336	336	354	T+	-0.88526	-0.88526	7.982E-16
336	336	380	T+	-0.88526	-0.88526	-4.307E-17
336	336	379	T+	-0.88526	-0.88526	-8.105E-16
336	336	353	T-	0.88526	0.88526	-7.078E-17
336	336	354	T-	0.88526	0.88526	-7.982E-16
336	336	380	T-	0.88526	0.88526	4.307E-17
336	336	379	T-	0.88526	0.88526	8.105E-16
336	336	353	W	0.	0.	0.
336	336	354	W	0.	0.	0.
336	336	380	W	0.	0.	0.
336	336	379	W	0.	0.	0.
336	336	353	Qm-1	0.	0.	0.
336	336	354	Qm-1	0.	0.	0.
336	336	380	Qm-1	0.	0.	0.
336	336	379	Qm-1	0.	0.	0.

Table 27: Element Forces - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	F11	F22	F12
				KN/mm	KN/mm	KN/mm
336	336	353	Qm-2	0.	0.	0.
336	336	354	Qm-2	0.	0.	0.
336	336	380	Qm-2	0.	0.	0.
336	336	379	Qm-2	0.	0.	0.
337	337	354	DEAD	0.	0.	0.
337	337	355	DEAD	0.	0.	0.
337	337	381	DEAD	0.	0.	0.
337	337	380	DEAD	0.	0.	0.
337	337	354	G1	0.	0.	0.
337	337	355	G1	0.	0.	0.
337	337	381	G1	0.	0.	0.
337	337	380	G1	0.	0.	0.
337	337	354	G2	0.	0.	0.
337	337	355	G2	0.	0.	0.
337	337	381	G2	0.	0.	0.
337	337	380	G2	0.	0.	0.
337	337	354	Qm	0.	0.	0.
337	337	355	Qm	0.	0.	0.
337	337	381	Qm	0.	0.	0.
337	337	380	Qm	0.	0.	0.
337	337	354	Qs	0.	0.	0.
337	337	355	Qs	0.	0.	0.
337	337	381	Qs	0.	0.	0.
337	337	380	Qs	0.	0.	0.
337	337	354	T+	-0.88526	-0.88526	2.795E-17
337	337	355	T+	-0.88526	-0.88526	-2.989E-17
337	337	381	T+	-0.88526	-0.88526	3.517E-17
337	337	380	T+	-0.88526	-0.88526	2.130E-16
337	337	354	T-	0.88526	0.88526	-2.795E-17
337	337	355	T-	0.88526	0.88526	2.989E-17
337	337	381	T-	0.88526	0.88526	-3.517E-17
337	337	380	T-	0.88526	0.88526	-2.130E-16
337	337	354	W	0.	0.	0.
337	337	355	W	0.	0.	0.
337	337	381	W	0.	0.	0.
337	337	380	W	0.	0.	0.
337	337	354	Qm-1	0.	0.	0.
337	337	355	Qm-1	0.	0.	0.
337	337	381	Qm-1	0.	0.	0.
337	337	380	Qm-1	0.	0.	0.
337	337	354	Qm-2	0.	0.	0.
337	337	355	Qm-2	0.	0.	0.
337	337	381	Qm-2	0.	0.	0.
337	337	380	Qm-2	0.	0.	0.
338	338	355	DEAD	0.	0.	0.
338	338	356	DEAD	0.	0.	0.
338	338	382	DEAD	0.	0.	0.
338	338	381	DEAD	0.	0.	0.
338	338	355	G1	0.	0.	0.
338	338	356	G1	0.	0.	0.
338	338	382	G1	0.	0.	0.
338	338	381	G1	0.	0.	0.
338	338	355	G2	0.	0.	0.
338	338	356	G2	0.	0.	0.

Table 27: Element Forces - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	F11	F22	F12
				KN/mm	KN/mm	KN/mm
338	338	382	G2	0.	0.	0.
338	338	381	G2	0.	0.	0.
338	338	355	Qm	0.	0.	0.
338	338	356	Qm	0.	0.	0.
338	338	382	Qm	0.	0.	0.
338	338	381	Qm	0.	0.	0.
338	338	355	Qs	0.	0.	0.
338	338	356	Qs	0.	0.	0.
338	338	382	Qs	0.	0.	0.
338	338	381	Qs	0.	0.	0.
338	338	355	T+	-0.88526	-0.88526	-8.786E-17
338	338	356	T+	-0.88526	-0.88526	-9.031E-16
338	338	382	T+	-0.88526	-0.88526	-9.677E-18
338	338	381	T+	-0.88526	-0.88526	9.256E-16
338	338	355	T-	0.88526	0.88526	8.786E-17
338	338	356	T-	0.88526	0.88526	9.031E-16
338	338	382	T-	0.88526	0.88526	9.677E-18
338	338	381	T-	0.88526	0.88526	-9.256E-16
338	338	355	W	0.	0.	0.
338	338	356	W	0.	0.	0.
338	338	382	W	0.	0.	0.
338	338	381	W	0.	0.	0.
338	338	355	Qm-1	0.	0.	0.
338	338	356	Qm-1	0.	0.	0.
338	338	382	Qm-1	0.	0.	0.
338	338	381	Qm-1	0.	0.	0.
338	338	355	Qm-2	0.	0.	0.
338	338	356	Qm-2	0.	0.	0.
338	338	382	Qm-2	0.	0.	0.
338	338	381	Qm-2	0.	0.	0.
339	339	356	DEAD	0.	0.	0.
339	339	357	DEAD	0.	0.	0.
339	339	383	DEAD	0.	0.	0.
339	339	382	DEAD	0.	0.	0.
339	339	356	G1	0.	0.	0.
339	339	357	G1	0.	0.	0.
339	339	383	G1	0.	0.	0.
339	339	382	G1	0.	0.	0.
339	339	356	G2	0.	0.	0.
339	339	357	G2	0.	0.	0.
339	339	383	G2	0.	0.	0.
339	339	382	G2	0.	0.	0.
339	339	356	Qm	0.	0.	0.
339	339	357	Qm	0.	0.	0.
339	339	383	Qm	0.	0.	0.
339	339	382	Qm	0.	0.	0.
339	339	356	Qs	0.	0.	0.
339	339	357	Qs	0.	0.	0.
339	339	383	Qs	0.	0.	0.
339	339	382	Qs	0.	0.	0.
339	339	356	T+	-0.88526	-0.88526	-3.484E-16
339	339	357	T+	-0.88526	-0.88526	1.043E-16
339	339	383	T+	-0.88526	-0.88526	3.320E-16
339	339	382	T+	-0.88526	-0.88526	-1.207E-16

Table 27: Element Forces - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	F11	F22	F12
				KN/mm	KN/mm	KN/mm
339	339	356	T-	0.88526	0.88526	3.484E-16
339	339	357	T-	0.88526	0.88526	-1.043E-16
339	339	383	T-	0.88526	0.88526	-3.320E-16
339	339	382	T-	0.88526	0.88526	1.207E-16
339	339	356	W	0.	0.	0.
339	339	357	W	0.	0.	0.
339	339	383	W	0.	0.	0.
339	339	382	W	0.	0.	0.
339	339	356	Qm-1	0.	0.	0.
339	339	357	Qm-1	0.	0.	0.
339	339	383	Qm-1	0.	0.	0.
339	339	382	Qm-1	0.	0.	0.
339	339	356	Qm-2	0.	0.	0.
339	339	357	Qm-2	0.	0.	0.
339	339	383	Qm-2	0.	0.	0.
339	339	382	Qm-2	0.	0.	0.
340	340	357	DEAD	0.	0.	0.
340	340	358	DEAD	0.	0.	0.
340	340	384	DEAD	0.	0.	0.
340	340	383	DEAD	0.	0.	0.
340	340	357	G1	0.	0.	0.
340	340	358	G1	0.	0.	0.
340	340	384	G1	0.	0.	0.
340	340	383	G1	0.	0.	0.
340	340	357	G2	0.	0.	0.
340	340	358	G2	0.	0.	0.
340	340	384	G2	0.	0.	0.
340	340	383	G2	0.	0.	0.
340	340	357	Qm	0.	0.	0.
340	340	358	Qm	0.	0.	0.
340	340	384	Qm	0.	0.	0.
340	340	383	Qm	0.	0.	0.
340	340	357	Qs	0.	0.	0.
340	340	358	Qs	0.	0.	0.
340	340	384	Qs	0.	0.	0.
340	340	383	Qs	0.	0.	0.
340	340	357	T+	-0.88526	-0.88526	-5.028E-17
340	340	358	T+	-0.88526	-0.88526	-3.384E-18
340	340	384	T+	-0.88526	-0.88526	1.134E-16
340	340	383	T+	-0.88526	-0.88526	1.865E-16
340	340	357	T-	0.88526	0.88526	5.028E-17
340	340	358	T-	0.88526	0.88526	3.384E-18
340	340	384	T-	0.88526	0.88526	-1.134E-16
340	340	383	T-	0.88526	0.88526	-1.865E-16
340	340	357	W	0.	0.	0.
340	340	358	W	0.	0.	0.
340	340	384	W	0.	0.	0.
340	340	383	W	0.	0.	0.
340	340	357	Qm-1	0.	0.	0.
340	340	358	Qm-1	0.	0.	0.
340	340	384	Qm-1	0.	0.	0.
340	340	383	Qm-1	0.	0.	0.
340	340	357	Qm-2	0.	0.	0.
340	340	358	Qm-2	0.	0.	0.

Table 27: Element Forces - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	F11	F22	F12
				KN/mm	KN/mm	KN/mm
340	340	384	Qm-2	0.	0.	0.
340	340	383	Qm-2	0.	0.	0.
341	341	358	DEAD	0.	0.	0.
341	341	359	DEAD	0.	0.	0.
341	341	385	DEAD	0.	0.	0.
341	341	384	DEAD	0.	0.	0.
341	341	358	G1	0.	0.	0.
341	341	359	G1	0.	0.	0.
341	341	385	G1	0.	0.	0.
341	341	384	G1	0.	0.	0.
341	341	358	G2	0.	0.	0.
341	341	359	G2	0.	0.	0.
341	341	385	G2	0.	0.	0.
341	341	384	G2	0.	0.	0.
341	341	358	Qm	0.	0.	0.
341	341	359	Qm	0.	0.	0.
341	341	385	Qm	0.	0.	0.
341	341	384	Qm	0.	0.	0.
341	341	358	Qs	0.	0.	0.
341	341	359	Qs	0.	0.	0.
341	341	385	Qs	0.	0.	0.
341	341	384	Qs	0.	0.	0.
341	341	358	T+	-0.88526	-0.88526	-1.335E-16
341	341	359	T+	-0.88526	-0.88526	-6.203E-16
341	341	385	T+	-0.88526	-0.88526	-5.760E-17
341	341	384	T+	-0.88526	-0.88526	3.092E-16
341	341	358	T-	0.88526	0.88526	1.335E-16
341	341	359	T-	0.88526	0.88526	6.203E-16
341	341	385	T-	0.88526	0.88526	5.760E-17
341	341	384	T-	0.88526	0.88526	-3.092E-16
341	341	358	W	0.	0.	0.
341	341	359	W	0.	0.	0.
341	341	385	W	0.	0.	0.
341	341	384	W	0.	0.	0.
341	341	358	Qm-1	0.	0.	0.
341	341	359	Qm-1	0.	0.	0.
341	341	385	Qm-1	0.	0.	0.
341	341	384	Qm-1	0.	0.	0.
341	341	358	Qm-2	0.	0.	0.
341	341	359	Qm-2	0.	0.	0.
341	341	385	Qm-2	0.	0.	0.
341	341	384	Qm-2	0.	0.	0.
342	342	359	DEAD	0.	0.	0.
342	342	360	DEAD	0.	0.	0.
342	342	386	DEAD	0.	0.	0.
342	342	385	DEAD	0.	0.	0.
342	342	359	G1	0.	0.	0.
342	342	360	G1	0.	0.	0.
342	342	386	G1	0.	0.	0.
342	342	385	G1	0.	0.	0.
342	342	359	G2	0.	0.	0.
342	342	360	G2	0.	0.	0.
342	342	386	G2	0.	0.	0.
342	342	385	G2	0.	0.	0.

Table 27: Element Forces - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	F11	F22	F12
				KN/mm	KN/mm	KN/mm
342	342	359	Qm	0.	0.	0.
342	342	360	Qm	0.	0.	0.
342	342	386	Qm	0.	0.	0.
342	342	385	Qm	0.	0.	0.
342	342	359	Qs	0.	0.	0.
342	342	360	Qs	0.	0.	0.
342	342	386	Qs	0.	0.	0.
342	342	385	Qs	0.	0.	0.
342	342	359	T+	-0.88526	-0.88526	-9.597E-17
342	342	360	T+	-0.88526	-0.88526	-4.512E-16
342	342	386	T+	-0.88526	-0.88526	1.514E-16
342	342	385	T+	-0.88526	-0.88526	5.466E-16
342	342	359	T-	0.88526	0.88526	9.597E-17
342	342	360	T-	0.88526	0.88526	4.512E-16
342	342	386	T-	0.88526	0.88526	-1.514E-16
342	342	385	T-	0.88526	0.88526	-5.466E-16
342	342	359	W	0.	0.	0.
342	342	360	W	0.	0.	0.
342	342	386	W	0.	0.	0.
342	342	385	W	0.	0.	0.
342	342	359	Qm-1	0.	0.	0.
342	342	360	Qm-1	0.	0.	0.
342	342	386	Qm-1	0.	0.	0.
342	342	385	Qm-1	0.	0.	0.
342	342	359	Qm-2	0.	0.	0.
342	342	360	Qm-2	0.	0.	0.
342	342	386	Qm-2	0.	0.	0.
342	342	385	Qm-2	0.	0.	0.
343	343	360	DEAD	0.	0.	0.
343	343	361	DEAD	0.	0.	0.
343	343	387	DEAD	0.	0.	0.
343	343	386	DEAD	0.	0.	0.
343	343	360	G1	0.	0.	0.
343	343	361	G1	0.	0.	0.
343	343	387	G1	0.	0.	0.
343	343	386	G1	0.	0.	0.
343	343	360	G2	0.	0.	0.
343	343	361	G2	0.	0.	0.
343	343	387	G2	0.	0.	0.
343	343	386	G2	0.	0.	0.
343	343	360	Qm	0.	0.	0.
343	343	361	Qm	0.	0.	0.
343	343	387	Qm	0.	0.	0.
343	343	386	Qm	0.	0.	0.
343	343	360	Qs	0.	0.	0.
343	343	361	Qs	0.	0.	0.
343	343	387	Qs	0.	0.	0.
343	343	386	Qs	0.	0.	0.
343	343	360	T+	-0.88526	-0.88526	-2.188E-16
343	343	361	T+	-0.88526	-0.88526	-6.959E-16
343	343	387	T+	-0.88526	-0.88526	-1.398E-17
343	343	386	T+	-0.88526	-0.88526	5.030E-16
343	343	360	T-	0.88526	0.88526	2.188E-16
343	343	361	T-	0.88526	0.88526	6.959E-16

Table 27: Element Forces - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	F11	F22	F12
				KN/mm	KN/mm	KN/mm
343	343	387	T-	0.88526	0.88526	1.398E-17
343	343	386	T-	0.88526	0.88526	-5.030E-16
343	343	360	W	0.	0.	0.
343	343	361	W	0.	0.	0.
343	343	387	W	0.	0.	0.
343	343	386	W	0.	0.	0.
343	343	360	Qm-1	0.	0.	0.
343	343	361	Qm-1	0.	0.	0.
343	343	387	Qm-1	0.	0.	0.
343	343	386	Qm-1	0.	0.	0.
343	343	360	Qm-2	0.	0.	0.
343	343	361	Qm-2	0.	0.	0.
343	343	387	Qm-2	0.	0.	0.
343	343	386	Qm-2	0.	0.	0.
344	344	361	DEAD	0.	0.	0.
344	344	362	DEAD	0.	0.	0.
344	344	388	DEAD	0.	0.	0.
344	344	387	DEAD	0.	0.	0.
344	344	361	G1	0.	0.	0.
344	344	362	G1	0.	0.	0.
344	344	388	G1	0.	0.	0.
344	344	387	G1	0.	0.	0.
344	344	361	G2	0.	0.	0.
344	344	362	G2	0.	0.	0.
344	344	388	G2	0.	0.	0.
344	344	387	G2	0.	0.	0.
344	344	361	Qm	0.	0.	0.
344	344	362	Qm	0.	0.	0.
344	344	388	Qm	0.	0.	0.
344	344	387	Qm	0.	0.	0.
344	344	361	Qs	0.	0.	0.
344	344	362	Qs	0.	0.	0.
344	344	388	Qs	0.	0.	0.
344	344	387	Qs	0.	0.	0.
344	344	361	T+	-0.88526	-0.88526	-1.642E-16
344	344	362	T+	-0.88526	-0.88526	-1.959E-15
344	344	388	T+	-0.88526	-0.88526	-1.862E-17
344	344	387	T+	-0.88526	-0.88526	1.816E-15
344	344	361	T-	0.88526	0.88526	1.642E-16
344	344	362	T-	0.88526	0.88526	1.959E-15
344	344	388	T-	0.88526	0.88526	1.862E-17
344	344	387	T-	0.88526	0.88526	-1.816E-15
344	344	361	W	0.	0.	0.
344	344	362	W	0.	0.	0.
344	344	388	W	0.	0.	0.
344	344	387	W	0.	0.	0.
344	344	361	Qm-1	0.	0.	0.
344	344	362	Qm-1	0.	0.	0.
344	344	388	Qm-1	0.	0.	0.
344	344	387	Qm-1	0.	0.	0.
344	344	361	Qm-2	0.	0.	0.
344	344	362	Qm-2	0.	0.	0.
344	344	388	Qm-2	0.	0.	0.
344	344	387	Qm-2	0.	0.	0.

Table 27: Element Forces - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	F11	F22	F12
				KN/mm	KN/mm	KN/mm
345	345	362	DEAD	0.	0.	0.
345	345	363	DEAD	0.	0.	0.
345	345	389	DEAD	0.	0.	0.
345	345	388	DEAD	0.	0.	0.
345	345	362	G1	0.	0.	0.
345	345	363	G1	0.	0.	0.
345	345	389	G1	0.	0.	0.
345	345	388	G1	0.	0.	0.
345	345	362	G2	0.	0.	0.
345	345	363	G2	0.	0.	0.
345	345	389	G2	0.	0.	0.
345	345	388	G2	0.	0.	0.
345	345	362	Qm	0.	0.	0.
345	345	363	Qm	0.	0.	0.
345	345	389	Qm	0.	0.	0.
345	345	388	Qm	0.	0.	0.
345	345	362	Qs	0.	0.	0.
345	345	363	Qs	0.	0.	0.
345	345	389	Qs	0.	0.	0.
345	345	388	Qs	0.	0.	0.
345	345	362	T+	-0.88526	-0.88526	-4.629E-18
345	345	363	T+	-0.88526	-0.88526	2.717E-16
345	345	389	T+	-0.88526	-0.88526	3.777E-17
345	345	388	T+	-0.88526	-0.88526	-1.986E-16
345	345	362	T-	0.88526	0.88526	4.629E-18
345	345	363	T-	0.88526	0.88526	-2.717E-16
345	345	389	T-	0.88526	0.88526	-3.777E-17
345	345	388	T-	0.88526	0.88526	1.986E-16
345	345	362	W	0.	0.	0.
345	345	363	W	0.	0.	0.
345	345	389	W	0.	0.	0.
345	345	388	W	0.	0.	0.
345	345	362	Qm-1	0.	0.	0.
345	345	363	Qm-1	0.	0.	0.
345	345	389	Qm-1	0.	0.	0.
345	345	388	Qm-1	0.	0.	0.
345	345	362	Qm-2	0.	0.	0.
345	345	363	Qm-2	0.	0.	0.
345	345	389	Qm-2	0.	0.	0.
345	345	388	Qm-2	0.	0.	0.
346	346	363	DEAD	0.	0.	0.
346	346	364	DEAD	0.	0.	0.
346	346	390	DEAD	0.	0.	0.
346	346	389	DEAD	0.	0.	0.
346	346	363	G1	0.	0.	0.
346	346	364	G1	0.	0.	0.
346	346	390	G1	0.	0.	0.
346	346	389	G1	0.	0.	0.
346	346	363	G2	0.	0.	0.
346	346	364	G2	0.	0.	0.
346	346	390	G2	0.	0.	0.
346	346	389	G2	0.	0.	0.
346	346	363	Qm	0.	0.	0.
346	346	364	Qm	0.	0.	0.

Table 27: Element Forces - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	F11	F22	F12
				KN/mm	KN/mm	KN/mm
346	346	390	Qm	0.	0.	0.
346	346	389	Qm	0.	0.	0.
346	346	363	Qs	0.	0.	0.
346	346	364	Qs	0.	0.	0.
346	346	390	Qs	0.	0.	0.
346	346	389	Qs	0.	0.	0.
346	346	363	T+	-0.88526	-0.88526	-7.605E-17
346	346	364	T+	-0.88526	-0.88526	-3.019E-17
346	346	390	T+	-0.88526	-0.88526	1.392E-16
346	346	389	T+	-0.88526	-0.88526	2.133E-16
346	346	363	T-	0.88526	0.88526	7.605E-17
346	346	364	T-	0.88526	0.88526	3.019E-17
346	346	390	T-	0.88526	0.88526	-1.392E-16
346	346	389	T-	0.88526	0.88526	-2.133E-16
346	346	363	W	0.	0.	0.
346	346	364	W	0.	0.	0.
346	346	390	W	0.	0.	0.
346	346	389	W	0.	0.	0.
346	346	363	Qm-1	0.	0.	0.
346	346	364	Qm-1	0.	0.	0.
346	346	390	Qm-1	0.	0.	0.
346	346	389	Qm-1	0.	0.	0.
346	346	363	Qm-2	0.	0.	0.
346	346	364	Qm-2	0.	0.	0.
346	346	390	Qm-2	0.	0.	0.
346	346	389	Qm-2	0.	0.	0.
347	347	364	DEAD	0.	0.	0.
347	347	365	DEAD	0.	0.	0.
347	347	391	DEAD	0.	0.	0.
347	347	390	DEAD	0.	0.	0.
347	347	364	G1	0.	0.	0.
347	347	365	G1	0.	0.	0.
347	347	391	G1	0.	0.	0.
347	347	390	G1	0.	0.	0.
347	347	364	G2	0.	0.	0.
347	347	365	G2	0.	0.	0.
347	347	391	G2	0.	0.	0.
347	347	390	G2	0.	0.	0.
347	347	364	Qm	0.	0.	0.
347	347	365	Qm	0.	0.	0.
347	347	391	Qm	0.	0.	0.
347	347	390	Qm	0.	0.	0.
347	347	364	Qs	0.	0.	0.
347	347	365	Qs	0.	0.	0.
347	347	391	Qs	0.	0.	0.
347	347	390	Qs	0.	0.	0.
347	347	364	T+	-0.88526	-0.88526	-8.708E-17
347	347	365	T+	-0.88526	-0.88526	-2.013E-15
347	347	391	T+	-0.88526	-0.88526	-9.578E-17
347	347	390	T+	-0.88526	-0.88526	1.870E-15
347	347	364	T-	0.88526	0.88526	8.708E-17
347	347	365	T-	0.88526	0.88526	2.013E-15
347	347	391	T-	0.88526	0.88526	9.578E-17
347	347	390	T-	0.88526	0.88526	-1.870E-15

Table 27: Element Forces - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	F11	F22	F12
				KN/mm	KN/mm	KN/mm
347	347	364	W	0.	0.	0.
347	347	365	W	0.	0.	0.
347	347	391	W	0.	0.	0.
347	347	390	W	0.	0.	0.
347	347	364	Qm-1	0.	0.	0.
347	347	365	Qm-1	0.	0.	0.
347	347	391	Qm-1	0.	0.	0.
347	347	390	Qm-1	0.	0.	0.
347	347	364	Qm-2	0.	0.	0.
347	347	365	Qm-2	0.	0.	0.
347	347	391	Qm-2	0.	0.	0.
347	347	390	Qm-2	0.	0.	0.
348	348	365	DEAD	0.	0.	0.
348	348	366	DEAD	0.	0.	0.
348	348	392	DEAD	0.	0.	0.
348	348	391	DEAD	0.	0.	0.
348	348	365	G1	0.	0.	0.
348	348	366	G1	0.	0.	0.
348	348	392	G1	0.	0.	0.
348	348	391	G1	0.	0.	0.
348	348	365	G2	0.	0.	0.
348	348	366	G2	0.	0.	0.
348	348	392	G2	0.	0.	0.
348	348	391	G2	0.	0.	0.
348	348	365	Qm	0.	0.	0.
348	348	366	Qm	0.	0.	0.
348	348	392	Qm	0.	0.	0.
348	348	391	Qm	0.	0.	0.
348	348	365	Qs	0.	0.	0.
348	348	366	Qs	0.	0.	0.
348	348	392	Qs	0.	0.	0.
348	348	391	Qs	0.	0.	0.
348	348	365	T+	-0.88526	-0.88526	-9.518E-17
348	348	366	T+	-0.88526	-0.88526	8.547E-16
348	348	392	T+	-0.88526	-0.88526	1.044E-16
348	348	391	T+	-0.88526	-0.88526	-8.855E-16
348	348	365	T-	0.88526	0.88526	9.518E-17
348	348	366	T-	0.88526	0.88526	-8.547E-16
348	348	392	T-	0.88526	0.88526	-1.044E-16
348	348	391	T-	0.88526	0.88526	8.855E-16
348	348	365	W	0.	0.	0.
348	348	366	W	0.	0.	0.
348	348	392	W	0.	0.	0.
348	348	391	W	0.	0.	0.
348	348	365	Qm-1	0.	0.	0.
348	348	366	Qm-1	0.	0.	0.
348	348	392	Qm-1	0.	0.	0.
348	348	391	Qm-1	0.	0.	0.
348	348	365	Qm-2	0.	0.	0.
348	348	366	Qm-2	0.	0.	0.
348	348	392	Qm-2	0.	0.	0.
348	348	391	Qm-2	0.	0.	0.
349	349	366	DEAD	0.	0.	0.
349	349	367	DEAD	0.	0.	0.

Table 27: Element Forces - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	F11	F22	F12
				KN/mm	KN/mm	KN/mm
349	349	393	DEAD	0.	0.	0.
349	349	392	DEAD	0.	0.	0.
349	349	366	G1	0.	0.	0.
349	349	367	G1	0.	0.	0.
349	349	393	G1	0.	0.	0.
349	349	392	G1	0.	0.	0.
349	349	366	G2	0.	0.	0.
349	349	367	G2	0.	0.	0.
349	349	393	G2	0.	0.	0.
349	349	392	G2	0.	0.	0.
349	349	366	Qm	0.	0.	0.
349	349	367	Qm	0.	0.	0.
349	349	393	Qm	0.	0.	0.
349	349	392	Qm	0.	0.	0.
349	349	366	Qs	0.	0.	0.
349	349	367	Qs	0.	0.	0.
349	349	393	Qs	0.	0.	0.
349	349	392	Qs	0.	0.	0.
349	349	366	T+	-0.88526	-0.88526	6.139E-17
349	349	367	T+	-0.88526	-0.88526	1.246E-16
349	349	393	T+	-0.88526	-0.88526	-1.914E-16
349	349	392	T+	-0.88526	-0.88526	-2.546E-16
349	349	366	T-	0.88526	0.88526	-6.139E-17
349	349	367	T-	0.88526	0.88526	-1.246E-16
349	349	393	T-	0.88526	0.88526	1.914E-16
349	349	392	T-	0.88526	0.88526	2.546E-16
349	349	366	W	0.	0.	0.
349	349	367	W	0.	0.	0.
349	349	393	W	0.	0.	0.
349	349	392	W	0.	0.	0.
349	349	366	Qm-1	0.	0.	0.
349	349	367	Qm-1	0.	0.	0.
349	349	393	Qm-1	0.	0.	0.
349	349	392	Qm-1	0.	0.	0.
349	349	366	Qm-2	0.	0.	0.
349	349	367	Qm-2	0.	0.	0.
349	349	393	Qm-2	0.	0.	0.
349	349	392	Qm-2	0.	0.	0.
350	350	367	DEAD	0.	0.	0.
350	350	368	DEAD	0.	0.	0.
350	350	394	DEAD	0.	0.	0.
350	350	393	DEAD	0.	0.	0.
350	350	367	G1	0.	0.	0.
350	350	368	G1	0.	0.	0.
350	350	394	G1	0.	0.	0.
350	350	393	G1	0.	0.	0.
350	350	367	G2	0.	0.	0.
350	350	368	G2	0.	0.	0.
350	350	394	G2	0.	0.	0.
350	350	393	G2	0.	0.	0.
350	350	367	Qm	0.	0.	0.
350	350	368	Qm	0.	0.	0.
350	350	394	Qm	0.	0.	0.
350	350	393	Qm	0.	0.	0.

Table 27: Element Forces - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	F11	F22	F12
				KN/mm	KN/mm	KN/mm
350	350	367	Qs	0.	0.	0.
350	350	368	Qs	0.	0.	0.
350	350	394	Qs	0.	0.	0.
350	350	393	Qs	0.	0.	0.
350	350	367	T+	-0.88526	-0.88526	-1.973E-16
350	350	368	T+	-0.88526	-0.88526	1.264E-16
350	350	394	T+	-0.88526	-0.88526	2.323E-16
350	350	393	T+	-0.88526	-0.88526	-1.713E-16
350	350	367	T-	0.88526	0.88526	1.973E-16
350	350	368	T-	0.88526	0.88526	-1.264E-16
350	350	394	T-	0.88526	0.88526	-2.323E-16
350	350	393	T-	0.88526	0.88526	1.713E-16
350	350	367	W	0.	0.	0.
350	350	368	W	0.	0.	0.
350	350	394	W	0.	0.	0.
350	350	393	W	0.	0.	0.
350	350	367	Qm-1	0.	0.	0.
350	350	368	Qm-1	0.	0.	0.
350	350	394	Qm-1	0.	0.	0.
350	350	393	Qm-1	0.	0.	0.
350	350	367	Qm-2	0.	0.	0.
350	350	368	Qm-2	0.	0.	0.
350	350	394	Qm-2	0.	0.	0.
350	350	393	Qm-2	0.	0.	0.
351	351	368	DEAD	0.	0.	0.
351	351	369	DEAD	0.	0.	0.
351	351	395	DEAD	0.	0.	0.
351	351	394	DEAD	0.	0.	0.
351	351	368	G1	0.	0.	0.
351	351	369	G1	0.	0.	0.
351	351	395	G1	0.	0.	0.
351	351	394	G1	0.	0.	0.
351	351	368	G2	0.	0.	0.
351	351	369	G2	0.	0.	0.
351	351	395	G2	0.	0.	0.
351	351	394	G2	0.	0.	0.
351	351	368	Qm	0.	0.	0.
351	351	369	Qm	0.	0.	0.
351	351	395	Qm	0.	0.	0.
351	351	394	Qm	0.	0.	0.
351	351	368	Qs	0.	0.	0.
351	351	369	Qs	0.	0.	0.
351	351	395	Qs	0.	0.	0.
351	351	394	Qs	0.	0.	0.
351	351	368	T+	-0.88526	-0.88526	-8.319E-17
351	351	369	T+	-0.88526	-0.88526	1.064E-15
351	351	395	T+	-0.88526	-0.88526	-1.021E-16
351	351	394	T+	-0.88526	-0.88526	-1.169E-15
351	351	368	T-	0.88526	0.88526	8.319E-17
351	351	369	T-	0.88526	0.88526	-1.064E-15
351	351	395	T-	0.88526	0.88526	1.021E-16
351	351	394	T-	0.88526	0.88526	1.169E-15
351	351	368	W	0.	0.	0.
351	351	369	W	0.	0.	0.

Table 27: Element Forces - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	F11	F22	F12
				KN/mm	KN/mm	KN/mm
351	351	395	W	0.	0.	0.
351	351	394	W	0.	0.	0.
351	351	368	Qm-1	0.	0.	0.
351	351	369	Qm-1	0.	0.	0.
351	351	395	Qm-1	0.	0.	0.
351	351	394	Qm-1	0.	0.	0.
351	351	368	Qm-2	0.	0.	0.
351	351	369	Qm-2	0.	0.	0.
351	351	395	Qm-2	0.	0.	0.
351	351	394	Qm-2	0.	0.	0.
352	352	369	DEAD	0.	0.	0.
352	352	370	DEAD	0.	0.	0.
352	352	396	DEAD	0.	0.	0.
352	352	395	DEAD	0.	0.	0.
352	352	369	G1	0.	0.	0.
352	352	370	G1	0.	0.	0.
352	352	396	G1	0.	0.	0.
352	352	395	G1	0.	0.	0.
352	352	369	G2	0.	0.	0.
352	352	370	G2	0.	0.	0.
352	352	396	G2	0.	0.	0.
352	352	395	G2	0.	0.	0.
352	352	369	Qm	0.	0.	0.
352	352	370	Qm	0.	0.	0.
352	352	396	Qm	0.	0.	0.
352	352	395	Qm	0.	0.	0.
352	352	369	Qs	0.	0.	0.
352	352	370	Qs	0.	0.	0.
352	352	396	Qs	0.	0.	0.
352	352	395	Qs	0.	0.	0.
352	352	369	T+	-0.88526	-0.88526	3.460E-17
352	352	370	T+	-0.88526	-0.88526	-1.977E-16
352	352	396	T+	-0.88526	-0.88526	4.784E-17
352	352	395	T+	-0.88526	-0.88526	2.401E-16
352	352	369	T-	0.88526	0.88526	-3.460E-17
352	352	370	T-	0.88526	0.88526	1.977E-16
352	352	396	T-	0.88526	0.88526	-4.784E-17
352	352	395	T-	0.88526	0.88526	-2.401E-16
352	352	369	W	0.	0.	0.
352	352	370	W	0.	0.	0.
352	352	396	W	0.	0.	0.
352	352	395	W	0.	0.	0.
352	352	369	Qm-1	0.	0.	0.
352	352	370	Qm-1	0.	0.	0.
352	352	396	Qm-1	0.	0.	0.
352	352	395	Qm-1	0.	0.	0.
352	352	369	Qm-2	0.	0.	0.
352	352	370	Qm-2	0.	0.	0.
352	352	396	Qm-2	0.	0.	0.
352	352	395	Qm-2	0.	0.	0.
353	353	371	DEAD	0.	0.	0.
353	353	372	DEAD	0.	0.	0.
353	353	398	DEAD	0.	0.	0.
353	353	397	DEAD	0.	0.	0.

Table 27: Element Forces - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	F11	F22	F12
				KN/mm	KN/mm	KN/mm
353	353	371	G1	0.	0.	0.
353	353	372	G1	0.	0.	0.
353	353	398	G1	0.	0.	0.
353	353	397	G1	0.	0.	0.
353	353	371	G2	0.	0.	0.
353	353	372	G2	0.	0.	0.
353	353	398	G2	0.	0.	0.
353	353	397	G2	0.	0.	0.
353	353	371	Qm	0.	0.	0.
353	353	372	Qm	0.	0.	0.
353	353	398	Qm	0.	0.	0.
353	353	397	Qm	0.	0.	0.
353	353	371	Qs	0.	0.	0.
353	353	372	Qs	0.	0.	0.
353	353	398	Qs	0.	0.	0.
353	353	397	Qs	0.	0.	0.
353	353	371	T+	-0.88526	-0.88526	-1.059E-16
353	353	372	T+	-0.88526	-0.88526	2.824E-16
353	353	398	T+	-0.88526	-0.88526	1.128E-16
353	353	397	T+	-0.88526	-0.88526	-2.755E-16
353	353	371	T-	0.88526	0.88526	1.059E-16
353	353	372	T-	0.88526	0.88526	-2.824E-16
353	353	398	T-	0.88526	0.88526	-1.128E-16
353	353	397	T-	0.88526	0.88526	2.755E-16
353	353	371	W	0.	0.	0.
353	353	372	W	0.	0.	0.
353	353	398	W	0.	0.	0.
353	353	397	W	0.	0.	0.
353	353	371	Qm-1	0.	0.	0.
353	353	372	Qm-1	0.	0.	0.
353	353	398	Qm-1	0.	0.	0.
353	353	397	Qm-1	0.	0.	0.
353	353	371	Qm-2	0.	0.	0.
353	353	372	Qm-2	0.	0.	0.
353	353	398	Qm-2	0.	0.	0.
353	353	397	Qm-2	0.	0.	0.
354	354	372	DEAD	0.	0.	0.
354	354	373	DEAD	0.	0.	0.
354	354	399	DEAD	0.	0.	0.
354	354	398	DEAD	0.	0.	0.
354	354	372	G1	0.	0.	0.
354	354	373	G1	0.	0.	0.
354	354	399	G1	0.	0.	0.
354	354	398	G1	0.	0.	0.
354	354	372	G2	0.	0.	0.
354	354	373	G2	0.	0.	0.
354	354	399	G2	0.	0.	0.
354	354	398	G2	0.	0.	0.
354	354	372	Qm	0.	0.	0.
354	354	373	Qm	0.	0.	0.
354	354	399	Qm	0.	0.	0.
354	354	398	Qm	0.	0.	0.
354	354	372	Qs	0.	0.	0.
354	354	373	Qs	0.	0.	0.

Table 27: Element Forces - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	F11	F22	F12
				KN/mm	KN/mm	KN/mm
354	354	399	Qs	0.	0.	0.
354	354	398	Qs	0.	0.	0.
354	354	372	T+	-0.88526	-0.88526	1.997E-16
354	354	373	T+	-0.88526	-0.88526	-6.380E-16
354	354	399	T+	-0.88526	-0.88526	-3.541E-16
354	354	398	T+	-0.88526	-0.88526	5.636E-16
354	354	372	T-	0.88526	0.88526	-1.997E-16
354	354	373	T-	0.88526	0.88526	6.380E-16
354	354	399	T-	0.88526	0.88526	3.541E-16
354	354	398	T-	0.88526	0.88526	-5.636E-16
354	354	372	W	0.	0.	0.
354	354	373	W	0.	0.	0.
354	354	399	W	0.	0.	0.
354	354	398	W	0.	0.	0.
354	354	372	Qm-1	0.	0.	0.
354	354	373	Qm-1	0.	0.	0.
354	354	399	Qm-1	0.	0.	0.
354	354	398	Qm-1	0.	0.	0.
354	354	372	Qm-2	0.	0.	0.
354	354	373	Qm-2	0.	0.	0.
354	354	399	Qm-2	0.	0.	0.
354	354	398	Qm-2	0.	0.	0.
355	355	373	DEAD	0.	0.	0.
355	355	374	DEAD	0.	0.	0.
355	355	400	DEAD	0.	0.	0.
355	355	399	DEAD	0.	0.	0.
355	355	373	G1	0.	0.	0.
355	355	374	G1	0.	0.	0.
355	355	400	G1	0.	0.	0.
355	355	399	G1	0.	0.	0.
355	355	373	G2	0.	0.	0.
355	355	374	G2	0.	0.	0.
355	355	400	G2	0.	0.	0.
355	355	399	G2	0.	0.	0.
355	355	373	Qm	0.	0.	0.
355	355	374	Qm	0.	0.	0.
355	355	400	Qm	0.	0.	0.
355	355	399	Qm	0.	0.	0.
355	355	373	Qs	0.	0.	0.
355	355	374	Qs	0.	0.	0.
355	355	400	Qs	0.	0.	0.
355	355	399	Qs	0.	0.	0.
355	355	373	T+	-0.88526	-0.88526	-4.204E-16
355	355	374	T+	-0.88526	-0.88526	-4.963E-16
355	355	400	T+	-0.88526	-0.88526	4.452E-16
355	355	399	T+	-0.88526	-0.88526	2.012E-16
355	355	373	T-	0.88526	0.88526	4.204E-16
355	355	374	T-	0.88526	0.88526	4.963E-16
355	355	400	T-	0.88526	0.88526	-4.452E-16
355	355	399	T-	0.88526	0.88526	-2.012E-16
355	355	373	W	0.	0.	0.
355	355	374	W	0.	0.	0.
355	355	400	W	0.	0.	0.
355	355	399	W	0.	0.	0.

Table 27: Element Forces - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	F11	F22	F12
				KN/mm	KN/mm	KN/mm
355	355	373	Qm-1	0.	0.	0.
355	355	374	Qm-1	0.	0.	0.
355	355	400	Qm-1	0.	0.	0.
355	355	399	Qm-1	0.	0.	0.
355	355	373	Qm-2	0.	0.	0.
355	355	374	Qm-2	0.	0.	0.
355	355	400	Qm-2	0.	0.	0.
355	355	399	Qm-2	0.	0.	0.
356	356	374	DEAD	0.	0.	0.
356	356	375	DEAD	0.	0.	0.
356	356	401	DEAD	0.	0.	0.
356	356	400	DEAD	0.	0.	0.
356	356	374	G1	0.	0.	0.
356	356	375	G1	0.	0.	0.
356	356	401	G1	0.	0.	0.
356	356	400	G1	0.	0.	0.
356	356	374	G2	0.	0.	0.
356	356	375	G2	0.	0.	0.
356	356	401	G2	0.	0.	0.
356	356	400	G2	0.	0.	0.
356	356	374	Qm	0.	0.	0.
356	356	375	Qm	0.	0.	0.
356	356	401	Qm	0.	0.	0.
356	356	400	Qm	0.	0.	0.
356	356	374	Qs	0.	0.	0.
356	356	375	Qs	0.	0.	0.
356	356	401	Qs	0.	0.	0.
356	356	400	Qs	0.	0.	0.
356	356	374	T+	-0.88526	-0.88526	2.932E-16
356	356	375	T+	-0.88526	-0.88526	4.318E-16
356	356	401	T+	-0.88526	-0.88526	-8.543E-17
356	356	400	T+	-0.88526	-0.88526	-2.640E-16
356	356	374	T-	0.88526	0.88526	-2.932E-16
356	356	375	T-	0.88526	0.88526	-4.318E-16
356	356	401	T-	0.88526	0.88526	8.543E-17
356	356	400	T-	0.88526	0.88526	2.640E-16
356	356	374	W	0.	0.	0.
356	356	375	W	0.	0.	0.
356	356	401	W	0.	0.	0.
356	356	400	W	0.	0.	0.
356	356	374	Qm-1	0.	0.	0.
356	356	375	Qm-1	0.	0.	0.
356	356	401	Qm-1	0.	0.	0.
356	356	400	Qm-1	0.	0.	0.
356	356	374	Qm-2	0.	0.	0.
356	356	375	Qm-2	0.	0.	0.
356	356	401	Qm-2	0.	0.	0.
356	356	400	Qm-2	0.	0.	0.
357	357	375	DEAD	0.	0.	0.
357	357	376	DEAD	0.	0.	0.
357	357	402	DEAD	0.	0.	0.
357	357	401	DEAD	0.	0.	0.
357	357	375	G1	0.	0.	0.
357	357	376	G1	0.	0.	0.

Table 27: Element Forces - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	F11	F22	F12
				KN/mm	KN/mm	KN/mm
357	357	402	G1	0.	0.	0.
357	357	401	G1	0.	0.	0.
357	357	375	G2	0.	0.	0.
357	357	376	G2	0.	0.	0.
357	357	402	G2	0.	0.	0.
357	357	401	G2	0.	0.	0.
357	357	375	Qm	0.	0.	0.
357	357	376	Qm	0.	0.	0.
357	357	402	Qm	0.	0.	0.
357	357	401	Qm	0.	0.	0.
357	357	375	Qs	0.	0.	0.
357	357	376	Qs	0.	0.	0.
357	357	402	Qs	0.	0.	0.
357	357	401	Qs	0.	0.	0.
357	357	375	T+	-0.88526	-0.88526	-3.344E-16
357	357	376	T+	-0.88526	-0.88526	-1.826E-16
357	357	402	T+	-0.88526	-0.88526	9.074E-17
357	357	401	T+	-0.88526	-0.88526	-1.010E-16
357	357	375	T-	0.88526	0.88526	3.344E-16
357	357	376	T-	0.88526	0.88526	1.826E-16
357	357	402	T-	0.88526	0.88526	-9.074E-17
357	357	401	T-	0.88526	0.88526	1.010E-16
357	357	375	W	0.	0.	0.
357	357	376	W	0.	0.	0.
357	357	402	W	0.	0.	0.
357	357	401	W	0.	0.	0.
357	357	375	Qm-1	0.	0.	0.
357	357	376	Qm-1	0.	0.	0.
357	357	402	Qm-1	0.	0.	0.
357	357	401	Qm-1	0.	0.	0.
357	357	375	Qm-2	0.	0.	0.
357	357	376	Qm-2	0.	0.	0.
357	357	402	Qm-2	0.	0.	0.
357	357	401	Qm-2	0.	0.	0.
358	358	376	DEAD	0.	0.	0.
358	358	377	DEAD	0.	0.	0.
358	358	403	DEAD	0.	0.	0.
358	358	402	DEAD	0.	0.	0.
358	358	376	G1	0.	0.	0.
358	358	377	G1	0.	0.	0.
358	358	403	G1	0.	0.	0.
358	358	402	G1	0.	0.	0.
358	358	376	G2	0.	0.	0.
358	358	377	G2	0.	0.	0.
358	358	403	G2	0.	0.	0.
358	358	402	G2	0.	0.	0.
358	358	376	Qm	0.	0.	0.
358	358	377	Qm	0.	0.	0.
358	358	403	Qm	0.	0.	0.
358	358	402	Qm	0.	0.	0.
358	358	376	Qs	0.	0.	0.
358	358	377	Qs	0.	0.	0.
358	358	403	Qs	0.	0.	0.
358	358	402	Qs	0.	0.	0.

Table 27: Element Forces - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	F11	F22	F12
				KN/mm	KN/mm	KN/mm
358	358	376	T+	-0.88526	-0.88526	9.074E-17
358	358	377	T+	-0.88526	-0.88526	1.442E-15
358	358	403	T+	-0.88526	-0.88526	-5.672E-17
358	358	402	T+	-0.88526	-0.88526	-1.408E-15
358	358	376	T-	0.88526	0.88526	-9.074E-17
358	358	377	T-	0.88526	0.88526	-1.442E-15
358	358	403	T-	0.88526	0.88526	5.672E-17
358	358	402	T-	0.88526	0.88526	1.408E-15
358	358	376	W	0.	0.	0.
358	358	377	W	0.	0.	0.
358	358	403	W	0.	0.	0.
358	358	402	W	0.	0.	0.
358	358	376	Qm-1	0.	0.	0.
358	358	377	Qm-1	0.	0.	0.
358	358	403	Qm-1	0.	0.	0.
358	358	402	Qm-1	0.	0.	0.
358	358	376	Qm-2	0.	0.	0.
358	358	377	Qm-2	0.	0.	0.
358	358	403	Qm-2	0.	0.	0.
358	358	402	Qm-2	0.	0.	0.
359	359	377	DEAD	0.	0.	0.
359	359	378	DEAD	0.	0.	0.
359	359	404	DEAD	0.	0.	0.
359	359	403	DEAD	0.	0.	0.
359	359	377	G1	0.	0.	0.
359	359	378	G1	0.	0.	0.
359	359	404	G1	0.	0.	0.
359	359	403	G1	0.	0.	0.
359	359	377	G2	0.	0.	0.
359	359	378	G2	0.	0.	0.
359	359	404	G2	0.	0.	0.
359	359	403	G2	0.	0.	0.
359	359	377	Qm	0.	0.	0.
359	359	378	Qm	0.	0.	0.
359	359	404	Qm	0.	0.	0.
359	359	403	Qm	0.	0.	0.
359	359	377	Qs	0.	0.	0.
359	359	378	Qs	0.	0.	0.
359	359	404	Qs	0.	0.	0.
359	359	403	Qs	0.	0.	0.
359	359	377	T+	-0.88526	-0.88526	-1.550E-17
359	359	378	T+	-0.88526	-0.88526	-1.521E-16
359	359	404	T+	-0.88526	-0.88526	7.862E-17
359	359	403	T+	-0.88526	-0.88526	3.352E-16
359	359	377	T-	0.88526	0.88526	1.550E-17
359	359	378	T-	0.88526	0.88526	1.521E-16
359	359	404	T-	0.88526	0.88526	-7.862E-17
359	359	403	T-	0.88526	0.88526	-3.352E-16
359	359	377	W	0.	0.	0.
359	359	378	W	0.	0.	0.
359	359	404	W	0.	0.	0.
359	359	403	W	0.	0.	0.
359	359	377	Qm-1	0.	0.	0.
359	359	378	Qm-1	0.	0.	0.

Table 27: Element Forces - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	F11	F22	F12
				KN/mm	KN/mm	KN/mm
359	359	404	Qm-1	0.	0.	0.
359	359	403	Qm-1	0.	0.	0.
359	359	377	Qm-2	0.	0.	0.
359	359	378	Qm-2	0.	0.	0.
359	359	404	Qm-2	0.	0.	0.
359	359	403	Qm-2	0.	0.	0.
360	360	378	DEAD	0.	0.	0.
360	360	379	DEAD	0.	0.	0.
360	360	405	DEAD	0.	0.	0.
360	360	404	DEAD	0.	0.	0.
360	360	378	G1	0.	0.	0.
360	360	379	G1	0.	0.	0.
360	360	405	G1	0.	0.	0.
360	360	404	G1	0.	0.	0.
360	360	378	G2	0.	0.	0.
360	360	379	G2	0.	0.	0.
360	360	405	G2	0.	0.	0.
360	360	404	G2	0.	0.	0.
360	360	378	Qm	0.	0.	0.
360	360	379	Qm	0.	0.	0.
360	360	405	Qm	0.	0.	0.
360	360	404	Qm	0.	0.	0.
360	360	378	Qs	0.	0.	0.
360	360	379	Qs	0.	0.	0.
360	360	405	Qs	0.	0.	0.
360	360	404	Qs	0.	0.	0.
360	360	378	T+	-0.88526	-0.88526	2.492E-16
360	360	379	T+	-0.88526	-0.88526	-7.197E-16
360	360	405	T+	-0.88526	-0.88526	1.105E-17
360	360	404	T+	-0.88526	-0.88526	8.199E-16
360	360	378	T-	0.88526	0.88526	-2.492E-16
360	360	379	T-	0.88526	0.88526	7.197E-16
360	360	405	T-	0.88526	0.88526	-1.105E-17
360	360	404	T-	0.88526	0.88526	-8.199E-16
360	360	378	W	0.	0.	0.
360	360	379	W	0.	0.	0.
360	360	405	W	0.	0.	0.
360	360	404	W	0.	0.	0.
360	360	378	Qm-1	0.	0.	0.
360	360	379	Qm-1	0.	0.	0.
360	360	405	Qm-1	0.	0.	0.
360	360	404	Qm-1	0.	0.	0.
360	360	378	Qm-2	0.	0.	0.
360	360	379	Qm-2	0.	0.	0.
360	360	405	Qm-2	0.	0.	0.
360	360	404	Qm-2	0.	0.	0.
361	361	379	DEAD	0.	0.	0.
361	361	380	DEAD	0.	0.	0.
361	361	406	DEAD	0.	0.	0.
361	361	405	DEAD	0.	0.	0.
361	361	379	G1	0.	0.	0.
361	361	380	G1	0.	0.	0.
361	361	406	G1	0.	0.	0.
361	361	405	G1	0.	0.	0.

Table 27: Element Forces - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	F11	F22	F12
				KN/mm	KN/mm	KN/mm
361	361	379	G2	0.	0.	0.
361	361	380	G2	0.	0.	0.
361	361	406	G2	0.	0.	0.
361	361	405	G2	0.	0.	0.
361	361	379	Qm	0.	0.	0.
361	361	380	Qm	0.	0.	0.
361	361	406	Qm	0.	0.	0.
361	361	405	Qm	0.	0.	0.
361	361	379	Qs	0.	0.	0.
361	361	380	Qs	0.	0.	0.
361	361	406	Qs	0.	0.	0.
361	361	405	Qs	0.	0.	0.
361	361	379	T+	-0.88526	-0.88526	-3.423E-16
361	361	380	T+	-0.88526	-0.88526	1.076E-15
361	361	406	T+	-0.88526	-0.88526	1.100E-16
361	361	405	T+	-0.88526	-0.88526	-1.268E-15
361	361	379	T-	0.88526	0.88526	3.423E-16
361	361	380	T-	0.88526	0.88526	-1.076E-15
361	361	406	T-	0.88526	0.88526	-1.100E-16
361	361	405	T-	0.88526	0.88526	1.268E-15
361	361	379	W	0.	0.	0.
361	361	380	W	0.	0.	0.
361	361	406	W	0.	0.	0.
361	361	405	W	0.	0.	0.
361	361	379	Qm-1	0.	0.	0.
361	361	380	Qm-1	0.	0.	0.
361	361	406	Qm-1	0.	0.	0.
361	361	405	Qm-1	0.	0.	0.
361	361	379	Qm-2	0.	0.	0.
361	361	380	Qm-2	0.	0.	0.
361	361	406	Qm-2	0.	0.	0.
361	361	405	Qm-2	0.	0.	0.
362	362	380	DEAD	0.	0.	0.
362	362	381	DEAD	0.	0.	0.
362	362	407	DEAD	0.	0.	0.
362	362	406	DEAD	0.	0.	0.
362	362	380	G1	0.	0.	0.
362	362	381	G1	0.	0.	0.
362	362	407	G1	0.	0.	0.
362	362	406	G1	0.	0.	0.
362	362	380	G2	0.	0.	0.
362	362	381	G2	0.	0.	0.
362	362	407	G2	0.	0.	0.
362	362	406	G2	0.	0.	0.
362	362	380	Qm	0.	0.	0.
362	362	381	Qm	0.	0.	0.
362	362	407	Qm	0.	0.	0.
362	362	406	Qm	0.	0.	0.
362	362	380	Qs	0.	0.	0.
362	362	381	Qs	0.	0.	0.
362	362	407	Qs	0.	0.	0.
362	362	406	Qs	0.	0.	0.
362	362	380	T+	-0.88526	-0.88526	-3.980E-17
362	362	381	T+	-0.88526	-0.88526	-5.487E-17

Table 27: Element Forces - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	F11	F22	F12
				KN/mm	KN/mm	KN/mm
362	362	407	T+	-0.88526	-0.88526	1.029E-16
362	362	406	T+	-0.88526	-0.88526	2.380E-16
362	362	380	T-	0.88526	0.88526	3.980E-17
362	362	381	T-	0.88526	0.88526	5.487E-17
362	362	407	T-	0.88526	0.88526	-1.029E-16
362	362	406	T-	0.88526	0.88526	-2.380E-16
362	362	380	W	0.	0.	0.
362	362	381	W	0.	0.	0.
362	362	407	W	0.	0.	0.
362	362	406	W	0.	0.	0.
362	362	380	Qm-1	0.	0.	0.
362	362	381	Qm-1	0.	0.	0.
362	362	407	Qm-1	0.	0.	0.
362	362	406	Qm-1	0.	0.	0.
362	362	380	Qm-2	0.	0.	0.
362	362	381	Qm-2	0.	0.	0.
362	362	407	Qm-2	0.	0.	0.
362	362	406	Qm-2	0.	0.	0.
363	363	381	DEAD	0.	0.	0.
363	363	382	DEAD	0.	0.	0.
363	363	408	DEAD	0.	0.	0.
363	363	407	DEAD	0.	0.	0.
363	363	381	G1	0.	0.	0.
363	363	382	G1	0.	0.	0.
363	363	408	G1	0.	0.	0.
363	363	407	G1	0.	0.	0.
363	363	381	G2	0.	0.	0.
363	363	382	G2	0.	0.	0.
363	363	408	G2	0.	0.	0.
363	363	407	G2	0.	0.	0.
363	363	381	Qm	0.	0.	0.
363	363	382	Qm	0.	0.	0.
363	363	408	Qm	0.	0.	0.
363	363	407	Qm	0.	0.	0.
363	363	381	Qs	0.	0.	0.
363	363	382	Qs	0.	0.	0.
363	363	408	Qs	0.	0.	0.
363	363	407	Qs	0.	0.	0.
363	363	381	T+	-0.88526	-0.88526	1.833E-16
363	363	382	T+	-0.88526	-0.88526	-3.809E-16
363	363	408	T+	-0.88526	-0.88526	5.238E-17
363	363	407	T+	-0.88526	-0.88526	6.565E-16
363	363	381	T-	0.88526	0.88526	-1.833E-16
363	363	382	T-	0.88526	0.88526	3.809E-16
363	363	408	T-	0.88526	0.88526	-5.238E-17
363	363	407	T-	0.88526	0.88526	-6.565E-16
363	363	381	W	0.	0.	0.
363	363	382	W	0.	0.	0.
363	363	408	W	0.	0.	0.
363	363	407	W	0.	0.	0.
363	363	381	Qm-1	0.	0.	0.
363	363	382	Qm-1	0.	0.	0.
363	363	408	Qm-1	0.	0.	0.
363	363	407	Qm-1	0.	0.	0.

Table 27: Element Forces - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	F11	F22	F12
				KN/mm	KN/mm	KN/mm
363	363	381	Qm-2	0.	0.	0.
363	363	382	Qm-2	0.	0.	0.
363	363	408	Qm-2	0.	0.	0.
363	363	407	Qm-2	0.	0.	0.
364	364	382	DEAD	0.	0.	0.
364	364	383	DEAD	0.	0.	0.
364	364	409	DEAD	0.	0.	0.
364	364	408	DEAD	0.	0.	0.
364	364	382	G1	0.	0.	0.
364	364	383	G1	0.	0.	0.
364	364	409	G1	0.	0.	0.
364	364	408	G1	0.	0.	0.
364	364	382	G2	0.	0.	0.
364	364	383	G2	0.	0.	0.
364	364	409	G2	0.	0.	0.
364	364	408	G2	0.	0.	0.
364	364	382	Qm	0.	0.	0.
364	364	383	Qm	0.	0.	0.
364	364	409	Qm	0.	0.	0.
364	364	408	Qm	0.	0.	0.
364	364	382	Qs	0.	0.	0.
364	364	383	Qs	0.	0.	0.
364	364	409	Qs	0.	0.	0.
364	364	408	Qs	0.	0.	0.
364	364	382	T+	-0.88526	-0.88526	2.110E-16
364	364	383	T+	-0.88526	-0.88526	4.451E-16
364	364	409	T+	-0.88526	-0.88526	-3.267E-18
364	364	408	T+	-0.88526	-0.88526	-2.773E-16
364	364	382	T-	0.88526	0.88526	-2.110E-16
364	364	383	T-	0.88526	0.88526	-4.451E-16
364	364	409	T-	0.88526	0.88526	3.267E-18
364	364	408	T-	0.88526	0.88526	2.773E-16
364	364	382	W	0.	0.	0.
364	364	383	W	0.	0.	0.
364	364	409	W	0.	0.	0.
364	364	408	W	0.	0.	0.
364	364	382	Qm-1	0.	0.	0.
364	364	383	Qm-1	0.	0.	0.
364	364	409	Qm-1	0.	0.	0.
364	364	408	Qm-1	0.	0.	0.
364	364	382	Qm-2	0.	0.	0.
364	364	383	Qm-2	0.	0.	0.
364	364	409	Qm-2	0.	0.	0.
364	364	408	Qm-2	0.	0.	0.
365	365	383	DEAD	0.	0.	0.
365	365	384	DEAD	0.	0.	0.
365	365	410	DEAD	0.	0.	0.
365	365	409	DEAD	0.	0.	0.
365	365	383	G1	0.	0.	0.
365	365	384	G1	0.	0.	0.
365	365	410	G1	0.	0.	0.
365	365	409	G1	0.	0.	0.
365	365	383	G2	0.	0.	0.
365	365	384	G2	0.	0.	0.

Table 27: Element Forces - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	F11	F22	F12
				KN/mm	KN/mm	KN/mm
365	365	410	G2	0.	0.	0.
365	365	409	G2	0.	0.	0.
365	365	383	Qm	0.	0.	0.
365	365	384	Qm	0.	0.	0.
365	365	410	Qm	0.	0.	0.
365	365	409	Qm	0.	0.	0.
365	365	383	Qs	0.	0.	0.
365	365	384	Qs	0.	0.	0.
365	365	410	Qs	0.	0.	0.
365	365	409	Qs	0.	0.	0.
365	365	383	T+	-0.88526	-0.88526	-9.484E-18
365	365	384	T+	-0.88526	-0.88526	-1.974E-16
365	365	410	T+	-0.88526	-0.88526	7.260E-17
365	365	409	T+	-0.88526	-0.88526	3.805E-16
365	365	383	T-	0.88526	0.88526	9.484E-18
365	365	384	T-	0.88526	0.88526	1.974E-16
365	365	410	T-	0.88526	0.88526	-7.260E-17
365	365	409	T-	0.88526	0.88526	-3.805E-16
365	365	383	W	0.	0.	0.
365	365	384	W	0.	0.	0.
365	365	410	W	0.	0.	0.
365	365	409	W	0.	0.	0.
365	365	383	Qm-1	0.	0.	0.
365	365	384	Qm-1	0.	0.	0.
365	365	410	Qm-1	0.	0.	0.
365	365	409	Qm-1	0.	0.	0.
365	365	383	Qm-2	0.	0.	0.
365	365	384	Qm-2	0.	0.	0.
365	365	410	Qm-2	0.	0.	0.
365	365	409	Qm-2	0.	0.	0.
366	366	384	DEAD	0.	0.	0.
366	366	385	DEAD	0.	0.	0.
366	366	411	DEAD	0.	0.	0.
366	366	410	DEAD	0.	0.	0.
366	366	384	G1	0.	0.	0.
366	366	385	G1	0.	0.	0.
366	366	411	G1	0.	0.	0.
366	366	410	G1	0.	0.	0.
366	366	384	G2	0.	0.	0.
366	366	385	G2	0.	0.	0.
366	366	411	G2	0.	0.	0.
366	366	410	G2	0.	0.	0.
366	366	384	Qm	0.	0.	0.
366	366	385	Qm	0.	0.	0.
366	366	411	Qm	0.	0.	0.
366	366	410	Qm	0.	0.	0.
366	366	384	Qs	0.	0.	0.
366	366	385	Qs	0.	0.	0.
366	366	411	Qs	0.	0.	0.
366	366	410	Qs	0.	0.	0.
366	366	384	T+	-0.88526	-0.88526	-6.053E-17
366	366	385	T+	-0.88526	-0.88526	-3.990E-17
366	366	411	T+	-0.88526	-0.88526	1.236E-16
366	366	410	T+	-0.88526	-0.88526	2.230E-16

Table 27: Element Forces - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	F11	F22	F12
				KN/mm	KN/mm	KN/mm
366	366	384	T-	0.88526	0.88526	6.053E-17
366	366	385	T-	0.88526	0.88526	3.990E-17
366	366	411	T-	0.88526	0.88526	-1.236E-16
366	366	410	T-	0.88526	0.88526	-2.230E-16
366	366	384	W	0.	0.	0.
366	366	385	W	0.	0.	0.
366	366	411	W	0.	0.	0.
366	366	410	W	0.	0.	0.
366	366	384	Qm-1	0.	0.	0.
366	366	385	Qm-1	0.	0.	0.
366	366	411	Qm-1	0.	0.	0.
366	366	410	Qm-1	0.	0.	0.
366	366	384	Qm-2	0.	0.	0.
366	366	385	Qm-2	0.	0.	0.
366	366	411	Qm-2	0.	0.	0.
366	366	410	Qm-2	0.	0.	0.
367	367	385	DEAD	0.	0.	0.
367	367	386	DEAD	0.	0.	0.
367	367	412	DEAD	0.	0.	0.
367	367	411	DEAD	0.	0.	0.
367	367	385	G1	0.	0.	0.
367	367	386	G1	0.	0.	0.
367	367	412	G1	0.	0.	0.
367	367	411	G1	0.	0.	0.
367	367	385	G2	0.	0.	0.
367	367	386	G2	0.	0.	0.
367	367	412	G2	0.	0.	0.
367	367	411	G2	0.	0.	0.
367	367	385	Qm	0.	0.	0.
367	367	386	Qm	0.	0.	0.
367	367	412	Qm	0.	0.	0.
367	367	411	Qm	0.	0.	0.
367	367	385	Qs	0.	0.	0.
367	367	386	Qs	0.	0.	0.
367	367	412	Qs	0.	0.	0.
367	367	411	Qs	0.	0.	0.
367	367	385	T+	-0.88526	-0.88526	1.756E-17
367	367	386	T+	-0.88526	-0.88526	4.966E-16
367	367	412	T+	-0.88526	-0.88526	-2.381E-17
367	367	411	T+	-0.88526	-0.88526	-5.828E-16
367	367	385	T-	0.88526	0.88526	-1.756E-17
367	367	386	T-	0.88526	0.88526	-4.966E-16
367	367	412	T-	0.88526	0.88526	2.381E-17
367	367	411	T-	0.88526	0.88526	5.828E-16
367	367	385	W	0.	0.	0.
367	367	386	W	0.	0.	0.
367	367	412	W	0.	0.	0.
367	367	411	W	0.	0.	0.
367	367	385	Qm-1	0.	0.	0.
367	367	386	Qm-1	0.	0.	0.
367	367	412	Qm-1	0.	0.	0.
367	367	411	Qm-1	0.	0.	0.
367	367	385	Qm-2	0.	0.	0.
367	367	386	Qm-2	0.	0.	0.

Table 27: Element Forces - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	F11	F22	F12
				KN/mm	KN/mm	KN/mm
367	367	412	Qm-2	0.	0.	0.
367	367	411	Qm-2	0.	0.	0.
368	368	386	DEAD	0.	0.	0.
368	368	387	DEAD	0.	0.	0.
368	368	413	DEAD	0.	0.	0.
368	368	412	DEAD	0.	0.	0.
368	368	386	G1	0.	0.	0.
368	368	387	G1	0.	0.	0.
368	368	413	G1	0.	0.	0.
368	368	412	G1	0.	0.	0.
368	368	386	G2	0.	0.	0.
368	368	387	G2	0.	0.	0.
368	368	413	G2	0.	0.	0.
368	368	412	G2	0.	0.	0.
368	368	386	Qm	0.	0.	0.
368	368	387	Qm	0.	0.	0.
368	368	413	Qm	0.	0.	0.
368	368	412	Qm	0.	0.	0.
368	368	386	Qs	0.	0.	0.
368	368	387	Qs	0.	0.	0.
368	368	413	Qs	0.	0.	0.
368	368	412	Qs	0.	0.	0.
368	368	386	T+	-0.88526	-0.88526	1.158E-16
368	368	387	T+	-0.88526	-0.88526	1.974E-16
368	368	413	T+	-0.88526	-0.88526	-5.311E-19
368	368	412	T+	-0.88526	-0.88526	-2.021E-16
368	368	386	T-	0.88526	0.88526	-1.158E-16
368	368	387	T-	0.88526	0.88526	-1.974E-16
368	368	413	T-	0.88526	0.88526	5.311E-19
368	368	412	T-	0.88526	0.88526	2.021E-16
368	368	386	W	0.	0.	0.
368	368	387	W	0.	0.	0.
368	368	413	W	0.	0.	0.
368	368	412	W	0.	0.	0.
368	368	386	Qm-1	0.	0.	0.
368	368	387	Qm-1	0.	0.	0.
368	368	413	Qm-1	0.	0.	0.
368	368	412	Qm-1	0.	0.	0.
368	368	386	Qm-2	0.	0.	0.
368	368	387	Qm-2	0.	0.	0.
368	368	413	Qm-2	0.	0.	0.
368	368	412	Qm-2	0.	0.	0.
369	369	387	DEAD	0.	0.	0.
369	369	388	DEAD	0.	0.	0.
369	369	414	DEAD	0.	0.	0.
369	369	413	DEAD	0.	0.	0.
369	369	387	G1	0.	0.	0.
369	369	388	G1	0.	0.	0.
369	369	414	G1	0.	0.	0.
369	369	413	G1	0.	0.	0.
369	369	387	G2	0.	0.	0.
369	369	388	G2	0.	0.	0.
369	369	414	G2	0.	0.	0.
369	369	413	G2	0.	0.	0.

Table 27: Element Forces - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	F11	F22	F12
				KN/mm	KN/mm	KN/mm
369	369	387	Qm	0.	0.	0.
369	369	388	Qm	0.	0.	0.
369	369	414	Qm	0.	0.	0.
369	369	413	Qm	0.	0.	0.
369	369	387	Qs	0.	0.	0.
369	369	388	Qs	0.	0.	0.
369	369	414	Qs	0.	0.	0.
369	369	413	Qs	0.	0.	0.
369	369	387	T+	-0.88526	-0.88526	-1.112E-16
369	369	388	T+	-0.88526	-0.88526	-4.172E-16
369	369	414	T+	-0.88526	-0.88526	1.076E-17
369	369	413	T+	-0.88526	-0.88526	3.967E-16
369	369	387	T-	0.88526	0.88526	1.112E-16
369	369	388	T-	0.88526	0.88526	4.172E-16
369	369	414	T-	0.88526	0.88526	-1.076E-17
369	369	413	T-	0.88526	0.88526	-3.967E-16
369	369	387	W	0.	0.	0.
369	369	388	W	0.	0.	0.
369	369	414	W	0.	0.	0.
369	369	413	W	0.	0.	0.
369	369	387	Qm-1	0.	0.	0.
369	369	388	Qm-1	0.	0.	0.
369	369	414	Qm-1	0.	0.	0.
369	369	413	Qm-1	0.	0.	0.
369	369	387	Qm-2	0.	0.	0.
369	369	388	Qm-2	0.	0.	0.
369	369	414	Qm-2	0.	0.	0.
369	369	413	Qm-2	0.	0.	0.
370	370	388	DEAD	0.	0.	0.
370	370	389	DEAD	0.	0.	0.
370	370	415	DEAD	0.	0.	0.
370	370	414	DEAD	0.	0.	0.
370	370	388	G1	0.	0.	0.
370	370	389	G1	0.	0.	0.
370	370	415	G1	0.	0.	0.
370	370	414	G1	0.	0.	0.
370	370	388	G2	0.	0.	0.
370	370	389	G2	0.	0.	0.
370	370	415	G2	0.	0.	0.
370	370	414	G2	0.	0.	0.
370	370	388	Qm	0.	0.	0.
370	370	389	Qm	0.	0.	0.
370	370	415	Qm	0.	0.	0.
370	370	414	Qm	0.	0.	0.
370	370	388	Qs	0.	0.	0.
370	370	389	Qs	0.	0.	0.
370	370	415	Qs	0.	0.	0.
370	370	414	Qs	0.	0.	0.
370	370	388	T+	-0.88526	-0.88526	-2.253E-16
370	370	389	T+	-0.88526	-0.88526	-1.045E-15
370	370	415	T+	-0.88526	-0.88526	7.463E-17
370	370	414	T+	-0.88526	-0.88526	8.947E-16
370	370	388	T-	0.88526	0.88526	2.253E-16
370	370	389	T-	0.88526	0.88526	1.045E-15

Table 27: Element Forces - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	F11	F22	F12
				KN/mm	KN/mm	KN/mm
370	370	415	T-	0.88526	0.88526	-7.463E-17
370	370	414	T-	0.88526	0.88526	-8.947E-16
370	370	388	W	0.	0.	0.
370	370	389	W	0.	0.	0.
370	370	415	W	0.	0.	0.
370	370	414	W	0.	0.	0.
370	370	388	Qm-1	0.	0.	0.
370	370	389	Qm-1	0.	0.	0.
370	370	415	Qm-1	0.	0.	0.
370	370	414	Qm-1	0.	0.	0.
370	370	388	Qm-2	0.	0.	0.
370	370	389	Qm-2	0.	0.	0.
370	370	415	Qm-2	0.	0.	0.
370	370	414	Qm-2	0.	0.	0.
371	371	389	DEAD	0.	0.	0.
371	371	390	DEAD	0.	0.	0.
371	371	416	DEAD	0.	0.	0.
371	371	415	DEAD	0.	0.	0.
371	371	389	G1	0.	0.	0.
371	371	390	G1	0.	0.	0.
371	371	416	G1	0.	0.	0.
371	371	415	G1	0.	0.	0.
371	371	389	G2	0.	0.	0.
371	371	390	G2	0.	0.	0.
371	371	416	G2	0.	0.	0.
371	371	415	G2	0.	0.	0.
371	371	389	Qm	0.	0.	0.
371	371	390	Qm	0.	0.	0.
371	371	416	Qm	0.	0.	0.
371	371	415	Qm	0.	0.	0.
371	371	389	Qs	0.	0.	0.
371	371	390	Qs	0.	0.	0.
371	371	416	Qs	0.	0.	0.
371	371	415	Qs	0.	0.	0.
371	371	389	T+	-0.88526	-0.88526	9.697E-17
371	371	390	T+	-0.88526	-0.88526	-2.948E-16
371	371	416	T+	-0.88526	-0.88526	-3.385E-17
371	371	415	T+	-0.88526	-0.88526	4.779E-16
371	371	389	T-	0.88526	0.88526	-9.697E-17
371	371	390	T-	0.88526	0.88526	2.948E-16
371	371	416	T-	0.88526	0.88526	3.385E-17
371	371	415	T-	0.88526	0.88526	-4.779E-16
371	371	389	W	0.	0.	0.
371	371	390	W	0.	0.	0.
371	371	416	W	0.	0.	0.
371	371	415	W	0.	0.	0.
371	371	389	Qm-1	0.	0.	0.
371	371	390	Qm-1	0.	0.	0.
371	371	416	Qm-1	0.	0.	0.
371	371	415	Qm-1	0.	0.	0.
371	371	389	Qm-2	0.	0.	0.
371	371	390	Qm-2	0.	0.	0.
371	371	416	Qm-2	0.	0.	0.
371	371	415	Qm-2	0.	0.	0.

Table 27: Element Forces - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	F11	F22	F12
				KN/mm	KN/mm	KN/mm
372	372	390	DEAD	0.	0.	0.
372	372	391	DEAD	0.	0.	0.
372	372	417	DEAD	0.	0.	0.
372	372	416	DEAD	0.	0.	0.
372	372	390	G1	0.	0.	0.
372	372	391	G1	0.	0.	0.
372	372	417	G1	0.	0.	0.
372	372	416	G1	0.	0.	0.
372	372	390	G2	0.	0.	0.
372	372	391	G2	0.	0.	0.
372	372	417	G2	0.	0.	0.
372	372	416	G2	0.	0.	0.
372	372	390	Qm	0.	0.	0.
372	372	391	Qm	0.	0.	0.
372	372	417	Qm	0.	0.	0.
372	372	416	Qm	0.	0.	0.
372	372	390	Qs	0.	0.	0.
372	372	391	Qs	0.	0.	0.
372	372	417	Qs	0.	0.	0.
372	372	416	Qs	0.	0.	0.
372	372	390	T+	-0.88526	-0.88526	-2.782E-16
372	372	391	T+	-0.88526	-0.88526	-1.505E-16
372	372	417	T+	-0.88526	-0.88526	1.778E-16
372	372	416	T+	-0.88526	-0.88526	1.300E-16
372	372	390	T-	0.88526	0.88526	2.782E-16
372	372	391	T-	0.88526	0.88526	1.505E-16
372	372	417	T-	0.88526	0.88526	-1.778E-16
372	372	416	T-	0.88526	0.88526	-1.300E-16
372	372	390	W	0.	0.	0.
372	372	391	W	0.	0.	0.
372	372	417	W	0.	0.	0.
372	372	416	W	0.	0.	0.
372	372	390	Qm-1	0.	0.	0.
372	372	391	Qm-1	0.	0.	0.
372	372	417	Qm-1	0.	0.	0.
372	372	416	Qm-1	0.	0.	0.
372	372	390	Qm-2	0.	0.	0.
372	372	391	Qm-2	0.	0.	0.
372	372	417	Qm-2	0.	0.	0.
372	372	416	Qm-2	0.	0.	0.
373	373	391	DEAD	0.	0.	0.
373	373	392	DEAD	0.	0.	0.
373	373	418	DEAD	0.	0.	0.
373	373	417	DEAD	0.	0.	0.
373	373	391	G1	0.	0.	0.
373	373	392	G1	0.	0.	0.
373	373	418	G1	0.	0.	0.
373	373	417	G1	0.	0.	0.
373	373	391	G2	0.	0.	0.
373	373	392	G2	0.	0.	0.
373	373	418	G2	0.	0.	0.
373	373	417	G2	0.	0.	0.
373	373	391	Qm	0.	0.	0.
373	373	392	Qm	0.	0.	0.

Table 27: Element Forces - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	F11	F22	F12
				KN/mm	KN/mm	KN/mm
373	373	418	Qm	0.	0.	0.
373	373	417	Qm	0.	0.	0.
373	373	391	Qs	0.	0.	0.
373	373	392	Qs	0.	0.	0.
373	373	418	Qs	0.	0.	0.
373	373	417	Qs	0.	0.	0.
373	373	391	T+	-0.88526	-0.88526	1.202E-16
373	373	392	T+	-0.88526	-0.88526	-1.506E-15
373	373	418	T+	-0.88526	-0.88526	-9.564E-17
373	373	417	T+	-0.88526	-0.88526	1.570E-15
373	373	391	T-	0.88526	0.88526	-1.202E-16
373	373	392	T-	0.88526	0.88526	1.506E-15
373	373	418	T-	0.88526	0.88526	9.564E-17
373	373	417	T-	0.88526	0.88526	-1.570E-15
373	373	391	W	0.	0.	0.
373	373	392	W	0.	0.	0.
373	373	418	W	0.	0.	0.
373	373	417	W	0.	0.	0.
373	373	391	Qm-1	0.	0.	0.
373	373	392	Qm-1	0.	0.	0.
373	373	418	Qm-1	0.	0.	0.
373	373	417	Qm-1	0.	0.	0.
373	373	391	Qm-2	0.	0.	0.
373	373	392	Qm-2	0.	0.	0.
373	373	418	Qm-2	0.	0.	0.
373	373	417	Qm-2	0.	0.	0.
374	374	392	DEAD	0.	0.	0.
374	374	393	DEAD	0.	0.	0.
374	374	419	DEAD	0.	0.	0.
374	374	418	DEAD	0.	0.	0.
374	374	392	G1	0.	0.	0.
374	374	393	G1	0.	0.	0.
374	374	419	G1	0.	0.	0.
374	374	418	G1	0.	0.	0.
374	374	392	G2	0.	0.	0.
374	374	393	G2	0.	0.	0.
374	374	419	G2	0.	0.	0.
374	374	418	G2	0.	0.	0.
374	374	392	Qm	0.	0.	0.
374	374	393	Qm	0.	0.	0.
374	374	419	Qm	0.	0.	0.
374	374	418	Qm	0.	0.	0.
374	374	392	Qs	0.	0.	0.
374	374	393	Qs	0.	0.	0.
374	374	419	Qs	0.	0.	0.
374	374	418	Qs	0.	0.	0.
374	374	392	T+	-0.88526	-0.88526	-4.475E-16
374	374	393	T+	-0.88526	-0.88526	-3.473E-16
374	374	419	T+	-0.88526	-0.88526	2.795E-16
374	374	418	T+	-0.88526	-0.88526	5.937E-17
374	374	392	T-	0.88526	0.88526	4.475E-16
374	374	393	T-	0.88526	0.88526	3.473E-16
374	374	419	T-	0.88526	0.88526	-2.795E-16
374	374	418	T-	0.88526	0.88526	-5.937E-17

Table 27: Element Forces - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	F11	F22	F12
				KN/mm	KN/mm	KN/mm
374	374	392	W	0.	0.	0.
374	374	393	W	0.	0.	0.
374	374	419	W	0.	0.	0.
374	374	418	W	0.	0.	0.
374	374	392	Qm-1	0.	0.	0.
374	374	393	Qm-1	0.	0.	0.
374	374	419	Qm-1	0.	0.	0.
374	374	418	Qm-1	0.	0.	0.
374	374	392	Qm-2	0.	0.	0.
374	374	393	Qm-2	0.	0.	0.
374	374	419	Qm-2	0.	0.	0.
374	374	418	Qm-2	0.	0.	0.
375	375	393	DEAD	0.	0.	0.
375	375	394	DEAD	0.	0.	0.
375	375	420	DEAD	0.	0.	0.
375	375	419	DEAD	0.	0.	0.
375	375	393	G1	0.	0.	0.
375	375	394	G1	0.	0.	0.
375	375	420	G1	0.	0.	0.
375	375	419	G1	0.	0.	0.
375	375	393	G2	0.	0.	0.
375	375	394	G2	0.	0.	0.
375	375	420	G2	0.	0.	0.
375	375	419	G2	0.	0.	0.
375	375	393	Qm	0.	0.	0.
375	375	394	Qm	0.	0.	0.
375	375	420	Qm	0.	0.	0.
375	375	419	Qm	0.	0.	0.
375	375	393	Qs	0.	0.	0.
375	375	394	Qs	0.	0.	0.
375	375	420	Qs	0.	0.	0.
375	375	419	Qs	0.	0.	0.
375	375	393	T+	-0.88526	-0.88526	7.819E-17
375	375	394	T+	-0.88526	-0.88526	1.985E-15
375	375	420	T+	-0.88526	-0.88526	-2.409E-16
375	375	419	T+	-0.88526	-0.88526	-2.028E-15
375	375	393	T-	0.88526	0.88526	-7.819E-17
375	375	394	T-	0.88526	0.88526	-1.985E-15
375	375	420	T-	0.88526	0.88526	2.409E-16
375	375	419	T-	0.88526	0.88526	2.028E-15
375	375	393	W	0.	0.	0.
375	375	394	W	0.	0.	0.
375	375	420	W	0.	0.	0.
375	375	419	W	0.	0.	0.
375	375	393	Qm-1	0.	0.	0.
375	375	394	Qm-1	0.	0.	0.
375	375	420	Qm-1	0.	0.	0.
375	375	419	Qm-1	0.	0.	0.
375	375	393	Qm-2	0.	0.	0.
375	375	394	Qm-2	0.	0.	0.
375	375	420	Qm-2	0.	0.	0.
375	375	419	Qm-2	0.	0.	0.
376	376	394	DEAD	0.	0.	0.
376	376	395	DEAD	0.	0.	0.

Table 27: Element Forces - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	F11	F22	F12
				KN/mm	KN/mm	KN/mm
376	376	421	DEAD	0.	0.	0.
376	376	420	DEAD	0.	0.	0.
376	376	394	G1	0.	0.	0.
376	376	395	G1	0.	0.	0.
376	376	421	G1	0.	0.	0.
376	376	420	G1	0.	0.	0.
376	376	394	G2	0.	0.	0.
376	376	395	G2	0.	0.	0.
376	376	421	G2	0.	0.	0.
376	376	420	G2	0.	0.	0.
376	376	394	Qm	0.	0.	0.
376	376	395	Qm	0.	0.	0.
376	376	421	Qm	0.	0.	0.
376	376	420	Qm	0.	0.	0.
376	376	394	Qs	0.	0.	0.
376	376	395	Qs	0.	0.	0.
376	376	421	Qs	0.	0.	0.
376	376	420	Qs	0.	0.	0.
376	376	394	T+	-0.88526	-0.88526	-3.028E-17
376	376	395	T+	-0.88526	-0.88526	6.389E-16
376	376	421	T+	-0.88526	-0.88526	2.875E-16
376	376	420	T+	-0.88526	-0.88526	-3.817E-16
376	376	394	T-	0.88526	0.88526	3.028E-17
376	376	395	T-	0.88526	0.88526	-6.389E-16
376	376	421	T-	0.88526	0.88526	-2.875E-16
376	376	420	T-	0.88526	0.88526	3.817E-16
376	376	394	W	0.	0.	0.
376	376	395	W	0.	0.	0.
376	376	421	W	0.	0.	0.
376	376	420	W	0.	0.	0.
376	376	394	Qm-1	0.	0.	0.
376	376	395	Qm-1	0.	0.	0.
376	376	421	Qm-1	0.	0.	0.
376	376	420	Qm-1	0.	0.	0.
376	376	394	Qm-2	0.	0.	0.
376	376	395	Qm-2	0.	0.	0.
376	376	421	Qm-2	0.	0.	0.
376	376	420	Qm-2	0.	0.	0.
377	377	395	DEAD	0.	0.	0.
377	377	396	DEAD	0.	0.	0.
377	377	422	DEAD	0.	0.	0.
377	377	421	DEAD	0.	0.	0.
377	377	395	G1	0.	0.	0.
377	377	396	G1	0.	0.	0.
377	377	422	G1	0.	0.	0.
377	377	421	G1	0.	0.	0.
377	377	395	G2	0.	0.	0.
377	377	396	G2	0.	0.	0.
377	377	422	G2	0.	0.	0.
377	377	421	G2	0.	0.	0.
377	377	395	Qm	0.	0.	0.
377	377	396	Qm	0.	0.	0.
377	377	422	Qm	0.	0.	0.
377	377	421	Qm	0.	0.	0.

Table 27: Element Forces - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	F11	F22	F12
				KN/mm	KN/mm	KN/mm
377	377	395	Qs	0.	0.	0.
377	377	396	Qs	0.	0.	0.
377	377	422	Qs	0.	0.	0.
377	377	421	Qs	0.	0.	0.
377	377	395	T+	-0.88526	-0.88526	-2.717E-17
377	377	396	T+	-0.88526	-0.88526	7.555E-16
377	377	422	T+	-0.88526	-0.88526	7.174E-17
377	377	421	T+	-0.88526	-0.88526	-6.709E-16
377	377	395	T-	0.88526	0.88526	2.717E-17
377	377	396	T-	0.88526	0.88526	-7.555E-16
377	377	422	T-	0.88526	0.88526	-7.174E-17
377	377	421	T-	0.88526	0.88526	6.709E-16
377	377	395	W	0.	0.	0.
377	377	396	W	0.	0.	0.
377	377	422	W	0.	0.	0.
377	377	421	W	0.	0.	0.
377	377	395	Qm-1	0.	0.	0.
377	377	396	Qm-1	0.	0.	0.
377	377	422	Qm-1	0.	0.	0.
377	377	421	Qm-1	0.	0.	0.
377	377	395	Qm-2	0.	0.	0.
377	377	396	Qm-2	0.	0.	0.
377	377	422	Qm-2	0.	0.	0.
377	377	421	Qm-2	0.	0.	0.
378	378	397	DEAD	0.	0.	0.
378	378	398	DEAD	0.	0.	0.
378	378	424	DEAD	0.	0.	0.
378	378	423	DEAD	0.	0.	0.
378	378	397	G1	0.	0.	0.
378	378	398	G1	0.	0.	0.
378	378	424	G1	0.	0.	0.
378	378	423	G1	0.	0.	0.
378	378	397	G2	0.	0.	0.
378	378	398	G2	0.	0.	0.
378	378	424	G2	0.	0.	0.
378	378	423	G2	0.	0.	0.
378	378	397	Qm	0.	0.	0.
378	378	398	Qm	0.	0.	0.
378	378	424	Qm	0.	0.	0.
378	378	423	Qm	0.	0.	0.
378	378	397	Qs	0.	0.	0.
378	378	398	Qs	0.	0.	0.
378	378	424	Qs	0.	0.	0.
378	378	423	Qs	0.	0.	0.
378	378	397	T+	-0.88526	-0.88526	-2.337E-16
378	378	398	T+	-0.88526	-0.88526	-6.240E-16
378	378	424	T+	-0.88526	-0.88526	8.195E-17
378	378	423	T+	-0.88526	-0.88526	4.723E-16
378	378	397	T-	0.88526	0.88526	2.337E-16
378	378	398	T-	0.88526	0.88526	6.240E-16
378	378	424	T-	0.88526	0.88526	-8.195E-17
378	378	423	T-	0.88526	0.88526	-4.723E-16
378	378	397	W	0.	0.	0.
378	378	398	W	0.	0.	0.

Table 27: Element Forces - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	F11	F22	F12
				KN/mm	KN/mm	KN/mm
378	378	424	W	0.	0.	0.
378	378	423	W	0.	0.	0.
378	378	397	Qm-1	0.	0.	0.
378	378	398	Qm-1	0.	0.	0.
378	378	424	Qm-1	0.	0.	0.
378	378	423	Qm-1	0.	0.	0.
378	378	397	Qm-2	0.	0.	0.
378	378	398	Qm-2	0.	0.	0.
378	378	424	Qm-2	0.	0.	0.
378	378	423	Qm-2	0.	0.	0.
379	379	398	DEAD	0.	0.	0.
379	379	399	DEAD	0.	0.	0.
379	379	425	DEAD	0.	0.	0.
379	379	424	DEAD	0.	0.	0.
379	379	398	G1	0.	0.	0.
379	379	399	G1	0.	0.	0.
379	379	425	G1	0.	0.	0.
379	379	424	G1	0.	0.	0.
379	379	398	G2	0.	0.	0.
379	379	399	G2	0.	0.	0.
379	379	425	G2	0.	0.	0.
379	379	424	G2	0.	0.	0.
379	379	398	Qm	0.	0.	0.
379	379	399	Qm	0.	0.	0.
379	379	425	Qm	0.	0.	0.
379	379	424	Qm	0.	0.	0.
379	379	398	Qs	0.	0.	0.
379	379	399	Qs	0.	0.	0.
379	379	425	Qs	0.	0.	0.
379	379	424	Qs	0.	0.	0.
379	379	398	T+	-0.88526	-0.88526	-7.050E-17
379	379	399	T+	-0.88526	-0.88526	4.529E-16
379	379	425	T+	-0.88526	-0.88526	3.068E-16
379	379	424	T+	-0.88526	-0.88526	-2.966E-16
379	379	398	T-	0.88526	0.88526	7.050E-17
379	379	399	T-	0.88526	0.88526	-4.529E-16
379	379	425	T-	0.88526	0.88526	-3.068E-16
379	379	424	T-	0.88526	0.88526	2.966E-16
379	379	398	W	0.	0.	0.
379	379	399	W	0.	0.	0.
379	379	425	W	0.	0.	0.
379	379	424	W	0.	0.	0.
379	379	398	Qm-1	0.	0.	0.
379	379	399	Qm-1	0.	0.	0.
379	379	425	Qm-1	0.	0.	0.
379	379	424	Qm-1	0.	0.	0.
379	379	398	Qm-2	0.	0.	0.
379	379	399	Qm-2	0.	0.	0.
379	379	425	Qm-2	0.	0.	0.
379	379	424	Qm-2	0.	0.	0.
380	380	399	DEAD	0.	0.	0.
380	380	400	DEAD	0.	0.	0.
380	380	426	DEAD	0.	0.	0.
380	380	425	DEAD	0.	0.	0.

Table 27: Element Forces - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	F11	F22	F12
				KN/mm	KN/mm	KN/mm
380	380	399	G1	0.	0.	0.
380	380	400	G1	0.	0.	0.
380	380	426	G1	0.	0.	0.
380	380	425	G1	0.	0.	0.
380	380	399	G2	0.	0.	0.
380	380	400	G2	0.	0.	0.
380	380	426	G2	0.	0.	0.
380	380	425	G2	0.	0.	0.
380	380	399	Qm	0.	0.	0.
380	380	400	Qm	0.	0.	0.
380	380	426	Qm	0.	0.	0.
380	380	425	Qm	0.	0.	0.
380	380	399	Qs	0.	0.	0.
380	380	400	Qs	0.	0.	0.
380	380	426	Qs	0.	0.	0.
380	380	425	Qs	0.	0.	0.
380	380	399	T+	-0.88526	-0.88526	1.831E-16
380	380	400	T+	-0.88526	-0.88526	-4.077E-16
380	380	426	T+	-0.88526	-0.88526	-3.339E-16
380	380	425	T+	-0.88526	-0.88526	2.169E-16
380	380	399	T-	0.88526	0.88526	-1.831E-16
380	380	400	T-	0.88526	0.88526	4.077E-16
380	380	426	T-	0.88526	0.88526	3.339E-16
380	380	425	T-	0.88526	0.88526	-2.169E-16
380	380	399	W	0.	0.	0.
380	380	400	W	0.	0.	0.
380	380	426	W	0.	0.	0.
380	380	425	W	0.	0.	0.
380	380	399	Qm-1	0.	0.	0.
380	380	400	Qm-1	0.	0.	0.
380	380	426	Qm-1	0.	0.	0.
380	380	425	Qm-1	0.	0.	0.
380	380	399	Qm-2	0.	0.	0.
380	380	400	Qm-2	0.	0.	0.
380	380	426	Qm-2	0.	0.	0.
380	380	425	Qm-2	0.	0.	0.
381	381	400	DEAD	0.	0.	0.
381	381	401	DEAD	0.	0.	0.
381	381	427	DEAD	0.	0.	0.
381	381	426	DEAD	0.	0.	0.
381	381	400	G1	0.	0.	0.
381	381	401	G1	0.	0.	0.
381	381	427	G1	0.	0.	0.
381	381	426	G1	0.	0.	0.
381	381	400	G2	0.	0.	0.
381	381	401	G2	0.	0.	0.
381	381	427	G2	0.	0.	0.
381	381	426	G2	0.	0.	0.
381	381	400	Qm	0.	0.	0.
381	381	401	Qm	0.	0.	0.
381	381	427	Qm	0.	0.	0.
381	381	426	Qm	0.	0.	0.
381	381	400	Qs	0.	0.	0.
381	381	401	Qs	0.	0.	0.

Table 27: Element Forces - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	F11	F22	F12
				KN/mm	KN/mm	KN/mm
381	381	427	Qs	0.	0.	0.
381	381	426	Qs	0.	0.	0.
381	381	400	T+	-0.88526	-0.88526	-1.872E-16
381	381	401	T+	-0.88526	-0.88526	-1.548E-16
381	381	427	T+	-0.88526	-0.88526	2.503E-16
381	381	426	T+	-0.88526	-0.88526	3.379E-16
381	381	400	T-	0.88526	0.88526	1.872E-16
381	381	401	T-	0.88526	0.88526	1.548E-16
381	381	427	T-	0.88526	0.88526	-2.503E-16
381	381	426	T-	0.88526	0.88526	-3.379E-16
381	381	400	W	0.	0.	0.
381	381	401	W	0.	0.	0.
381	381	427	W	0.	0.	0.
381	381	426	W	0.	0.	0.
381	381	400	Qm-1	0.	0.	0.
381	381	401	Qm-1	0.	0.	0.
381	381	427	Qm-1	0.	0.	0.
381	381	426	Qm-1	0.	0.	0.
381	381	400	Qm-2	0.	0.	0.
381	381	401	Qm-2	0.	0.	0.
381	381	427	Qm-2	0.	0.	0.
381	381	426	Qm-2	0.	0.	0.
382	382	401	DEAD	0.	0.	0.
382	382	402	DEAD	0.	0.	0.
382	382	428	DEAD	0.	0.	0.
382	382	427	DEAD	0.	0.	0.
382	382	401	G1	0.	0.	0.
382	382	402	G1	0.	0.	0.
382	382	428	G1	0.	0.	0.
382	382	427	G1	0.	0.	0.
382	382	401	G2	0.	0.	0.
382	382	402	G2	0.	0.	0.
382	382	428	G2	0.	0.	0.
382	382	427	G2	0.	0.	0.
382	382	401	Qm	0.	0.	0.
382	382	402	Qm	0.	0.	0.
382	382	428	Qm	0.	0.	0.
382	382	427	Qm	0.	0.	0.
382	382	401	Qs	0.	0.	0.
382	382	402	Qs	0.	0.	0.
382	382	428	Qs	0.	0.	0.
382	382	427	Qs	0.	0.	0.
382	382	401	T+	-0.88526	-0.88526	1.006E-16
382	382	402	T+	-0.88526	-0.88526	-7.162E-17
382	382	428	T+	-0.88526	-0.88526	-3.744E-17
382	382	427	T+	-0.88526	-0.88526	2.547E-16
382	382	401	T-	0.88526	0.88526	-1.006E-16
382	382	402	T-	0.88526	0.88526	7.162E-17
382	382	428	T-	0.88526	0.88526	3.744E-17
382	382	427	T-	0.88526	0.88526	-2.547E-16
382	382	401	W	0.	0.	0.
382	382	402	W	0.	0.	0.
382	382	428	W	0.	0.	0.
382	382	427	W	0.	0.	0.

Table 27: Element Forces - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	F11	F22	F12
				KN/mm	KN/mm	KN/mm
382	382	401	Qm-1	0.	0.	0.
382	382	402	Qm-1	0.	0.	0.
382	382	428	Qm-1	0.	0.	0.
382	382	427	Qm-1	0.	0.	0.
382	382	401	Qm-2	0.	0.	0.
382	382	402	Qm-2	0.	0.	0.
382	382	428	Qm-2	0.	0.	0.
382	382	427	Qm-2	0.	0.	0.
383	383	402	DEAD	0.	0.	0.
383	383	403	DEAD	0.	0.	0.
383	383	429	DEAD	0.	0.	0.
383	383	428	DEAD	0.	0.	0.
383	383	402	G1	0.	0.	0.
383	383	403	G1	0.	0.	0.
383	383	429	G1	0.	0.	0.
383	383	428	G1	0.	0.	0.
383	383	402	G2	0.	0.	0.
383	383	403	G2	0.	0.	0.
383	383	429	G2	0.	0.	0.
383	383	428	G2	0.	0.	0.
383	383	402	Qm	0.	0.	0.
383	383	403	Qm	0.	0.	0.
383	383	429	Qm	0.	0.	0.
383	383	428	Qm	0.	0.	0.
383	383	402	Qs	0.	0.	0.
383	383	403	Qs	0.	0.	0.
383	383	429	Qs	0.	0.	0.
383	383	428	Qs	0.	0.	0.
383	383	402	T+	-0.88526	-0.88526	-1.058E-16
383	383	403	T+	-0.88526	-0.88526	-9.223E-17
383	383	429	T+	-0.88526	-0.88526	1.690E-16
383	383	428	T+	-0.88526	-0.88526	2.753E-16
383	383	402	T-	0.88526	0.88526	1.058E-16
383	383	403	T-	0.88526	0.88526	9.223E-17
383	383	429	T-	0.88526	0.88526	-1.690E-16
383	383	428	T-	0.88526	0.88526	-2.753E-16
383	383	402	W	0.	0.	0.
383	383	403	W	0.	0.	0.
383	383	429	W	0.	0.	0.
383	383	428	W	0.	0.	0.
383	383	402	Qm-1	0.	0.	0.
383	383	403	Qm-1	0.	0.	0.
383	383	429	Qm-1	0.	0.	0.
383	383	428	Qm-1	0.	0.	0.
383	383	402	Qm-2	0.	0.	0.
383	383	403	Qm-2	0.	0.	0.
383	383	429	Qm-2	0.	0.	0.
383	383	428	Qm-2	0.	0.	0.
384	384	403	DEAD	0.	0.	0.
384	384	404	DEAD	0.	0.	0.
384	384	430	DEAD	0.	0.	0.
384	384	429	DEAD	0.	0.	0.
384	384	403	G1	0.	0.	0.
384	384	404	G1	0.	0.	0.

Table 27: Element Forces - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	F11	F22	F12
				KN/mm	KN/mm	KN/mm
384	384	430	G1	0.	0.	0.
384	384	429	G1	0.	0.	0.
384	384	403	G2	0.	0.	0.
384	384	404	G2	0.	0.	0.
384	384	430	G2	0.	0.	0.
384	384	429	G2	0.	0.	0.
384	384	403	Qm	0.	0.	0.
384	384	404	Qm	0.	0.	0.
384	384	430	Qm	0.	0.	0.
384	384	429	Qm	0.	0.	0.
384	384	403	Qs	0.	0.	0.
384	384	404	Qs	0.	0.	0.
384	384	430	Qs	0.	0.	0.
384	384	429	Qs	0.	0.	0.
384	384	403	T+	-0.88526	-0.88526	4.932E-17
384	384	404	T+	-0.88526	-0.88526	-8.511E-17
384	384	430	T+	-0.88526	-0.88526	1.380E-17
384	384	429	T+	-0.88526	-0.88526	2.682E-16
384	384	403	T-	0.88526	0.88526	-4.932E-17
384	384	404	T-	0.88526	0.88526	8.511E-17
384	384	430	T-	0.88526	0.88526	-1.380E-17
384	384	429	T-	0.88526	0.88526	-2.682E-16
384	384	403	W	0.	0.	0.
384	384	404	W	0.	0.	0.
384	384	430	W	0.	0.	0.
384	384	429	W	0.	0.	0.
384	384	403	Qm-1	0.	0.	0.
384	384	404	Qm-1	0.	0.	0.
384	384	430	Qm-1	0.	0.	0.
384	384	429	Qm-1	0.	0.	0.
384	384	403	Qm-2	0.	0.	0.
384	384	404	Qm-2	0.	0.	0.
384	384	430	Qm-2	0.	0.	0.
384	384	429	Qm-2	0.	0.	0.
385	385	404	DEAD	0.	0.	0.
385	385	405	DEAD	0.	0.	0.
385	385	431	DEAD	0.	0.	0.
385	385	430	DEAD	0.	0.	0.
385	385	404	G1	0.	0.	0.
385	385	405	G1	0.	0.	0.
385	385	431	G1	0.	0.	0.
385	385	430	G1	0.	0.	0.
385	385	404	G2	0.	0.	0.
385	385	405	G2	0.	0.	0.
385	385	431	G2	0.	0.	0.
385	385	430	G2	0.	0.	0.
385	385	404	Qm	0.	0.	0.
385	385	405	Qm	0.	0.	0.
385	385	431	Qm	0.	0.	0.
385	385	430	Qm	0.	0.	0.
385	385	404	Qs	0.	0.	0.
385	385	405	Qs	0.	0.	0.
385	385	431	Qs	0.	0.	0.
385	385	430	Qs	0.	0.	0.

Table 27: Element Forces - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	F11	F22	F12
				KN/mm	KN/mm	KN/mm
385	385	404	T+	-0.88526	-0.88526	-1.913E-16
385	385	405	T+	-0.88526	-0.88526	-5.540E-16
385	385	431	T+	-0.88526	-0.88526	2.133E-19
385	385	430	T+	-0.88526	-0.88526	2.429E-16
385	385	404	T-	0.88526	0.88526	1.913E-16
385	385	405	T-	0.88526	0.88526	5.540E-16
385	385	431	T-	0.88526	0.88526	-2.133E-19
385	385	430	T-	0.88526	0.88526	-2.429E-16
385	385	404	W	0.	0.	0.
385	385	405	W	0.	0.	0.
385	385	431	W	0.	0.	0.
385	385	430	W	0.	0.	0.
385	385	404	Qm-1	0.	0.	0.
385	385	405	Qm-1	0.	0.	0.
385	385	431	Qm-1	0.	0.	0.
385	385	430	Qm-1	0.	0.	0.
385	385	404	Qm-2	0.	0.	0.
385	385	405	Qm-2	0.	0.	0.
385	385	431	Qm-2	0.	0.	0.
385	385	430	Qm-2	0.	0.	0.
386	386	405	DEAD	0.	0.	0.
386	386	406	DEAD	0.	0.	0.
386	386	432	DEAD	0.	0.	0.
386	386	431	DEAD	0.	0.	0.
386	386	405	G1	0.	0.	0.
386	386	406	G1	0.	0.	0.
386	386	432	G1	0.	0.	0.
386	386	431	G1	0.	0.	0.
386	386	405	G2	0.	0.	0.
386	386	406	G2	0.	0.	0.
386	386	432	G2	0.	0.	0.
386	386	431	G2	0.	0.	0.
386	386	405	Qm	0.	0.	0.
386	386	406	Qm	0.	0.	0.
386	386	432	Qm	0.	0.	0.
386	386	431	Qm	0.	0.	0.
386	386	405	Qs	0.	0.	0.
386	386	406	Qs	0.	0.	0.
386	386	432	Qs	0.	0.	0.
386	386	431	Qs	0.	0.	0.
386	386	405	T+	-0.88526	-0.88526	1.675E-16
386	386	406	T+	-0.88526	-0.88526	-2.321E-16
386	386	432	T+	-0.88526	-0.88526	-1.042E-16
386	386	431	T+	-0.88526	-0.88526	2.954E-16
386	386	405	T-	0.88526	0.88526	-1.675E-16
386	386	406	T-	0.88526	0.88526	2.321E-16
386	386	432	T-	0.88526	0.88526	1.042E-16
386	386	431	T-	0.88526	0.88526	-2.954E-16
386	386	405	W	0.	0.	0.
386	386	406	W	0.	0.	0.
386	386	432	W	0.	0.	0.
386	386	431	W	0.	0.	0.
386	386	405	Qm-1	0.	0.	0.
386	386	406	Qm-1	0.	0.	0.

Table 27: Element Forces - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	F11	F22	F12
				KN/mm	KN/mm	KN/mm
386	386	432	Qm-1	0.	0.	0.
386	386	431	Qm-1	0.	0.	0.
386	386	405	Qm-2	0.	0.	0.
386	386	406	Qm-2	0.	0.	0.
386	386	432	Qm-2	0.	0.	0.
386	386	431	Qm-2	0.	0.	0.
387	387	406	DEAD	0.	0.	0.
387	387	407	DEAD	0.	0.	0.
387	387	433	DEAD	0.	0.	0.
387	387	432	DEAD	0.	0.	0.
387	387	406	G1	0.	0.	0.
387	387	407	G1	0.	0.	0.
387	387	433	G1	0.	0.	0.
387	387	432	G1	0.	0.	0.
387	387	406	G2	0.	0.	0.
387	387	407	G2	0.	0.	0.
387	387	433	G2	0.	0.	0.
387	387	432	G2	0.	0.	0.
387	387	406	Qm	0.	0.	0.
387	387	407	Qm	0.	0.	0.
387	387	433	Qm	0.	0.	0.
387	387	432	Qm	0.	0.	0.
387	387	406	Qs	0.	0.	0.
387	387	407	Qs	0.	0.	0.
387	387	433	Qs	0.	0.	0.
387	387	432	Qs	0.	0.	0.
387	387	406	T+	-0.88526	-0.88526	-6.156E-17
387	387	407	T+	-0.88526	-0.88526	-1.846E-16
387	387	433	T+	-0.88526	-0.88526	1.247E-16
387	387	432	T+	-0.88526	-0.88526	3.677E-16
387	387	406	T-	0.88526	0.88526	6.156E-17
387	387	407	T-	0.88526	0.88526	1.846E-16
387	387	433	T-	0.88526	0.88526	-1.247E-16
387	387	432	T-	0.88526	0.88526	-3.677E-16
387	387	406	W	0.	0.	0.
387	387	407	W	0.	0.	0.
387	387	433	W	0.	0.	0.
387	387	432	W	0.	0.	0.
387	387	406	Qm-1	0.	0.	0.
387	387	407	Qm-1	0.	0.	0.
387	387	433	Qm-1	0.	0.	0.
387	387	432	Qm-1	0.	0.	0.
387	387	406	Qm-2	0.	0.	0.
387	387	407	Qm-2	0.	0.	0.
387	387	433	Qm-2	0.	0.	0.
387	387	432	Qm-2	0.	0.	0.
388	388	407	DEAD	0.	0.	0.
388	388	408	DEAD	0.	0.	0.
388	388	434	DEAD	0.	0.	0.
388	388	433	DEAD	0.	0.	0.
388	388	407	G1	0.	0.	0.
388	388	408	G1	0.	0.	0.
388	388	434	G1	0.	0.	0.
388	388	433	G1	0.	0.	0.

Table 27: Element Forces - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	F11	F22	F12
				KN/mm	KN/mm	KN/mm
388	388	407	G2	0.	0.	0.
388	388	408	G2	0.	0.	0.
388	388	434	G2	0.	0.	0.
388	388	433	G2	0.	0.	0.
388	388	407	Qm	0.	0.	0.
388	388	408	Qm	0.	0.	0.
388	388	434	Qm	0.	0.	0.
388	388	433	Qm	0.	0.	0.
388	388	407	Qs	0.	0.	0.
388	388	408	Qs	0.	0.	0.
388	388	434	Qs	0.	0.	0.
388	388	433	Qs	0.	0.	0.
388	388	407	T+	-0.88526	-0.88526	-6.710E-17
388	388	408	T+	-0.88526	-0.88526	-3.202E-17
388	388	434	T+	-0.88526	-0.88526	1.302E-16
388	388	433	T+	-0.88526	-0.88526	2.151E-16
388	388	407	T-	0.88526	0.88526	6.710E-17
388	388	408	T-	0.88526	0.88526	3.202E-17
388	388	434	T-	0.88526	0.88526	-1.302E-16
388	388	433	T-	0.88526	0.88526	-2.151E-16
388	388	407	W	0.	0.	0.
388	388	408	W	0.	0.	0.
388	388	434	W	0.	0.	0.
388	388	433	W	0.	0.	0.
388	388	407	Qm-1	0.	0.	0.
388	388	408	Qm-1	0.	0.	0.
388	388	434	Qm-1	0.	0.	0.
388	388	433	Qm-1	0.	0.	0.
388	388	407	Qm-2	0.	0.	0.
388	388	408	Qm-2	0.	0.	0.
388	388	434	Qm-2	0.	0.	0.
388	388	433	Qm-2	0.	0.	0.
389	389	408	DEAD	0.	0.	0.
389	389	409	DEAD	0.	0.	0.
389	389	435	DEAD	0.	0.	0.
389	389	434	DEAD	0.	0.	0.
389	389	408	G1	0.	0.	0.
389	389	409	G1	0.	0.	0.
389	389	435	G1	0.	0.	0.
389	389	434	G1	0.	0.	0.
389	389	408	G2	0.	0.	0.
389	389	409	G2	0.	0.	0.
389	389	435	G2	0.	0.	0.
389	389	434	G2	0.	0.	0.
389	389	408	Qm	0.	0.	0.
389	389	409	Qm	0.	0.	0.
389	389	435	Qm	0.	0.	0.
389	389	434	Qm	0.	0.	0.
389	389	408	Qs	0.	0.	0.
389	389	409	Qs	0.	0.	0.
389	389	435	Qs	0.	0.	0.
389	389	434	Qs	0.	0.	0.
389	389	408	T+	-0.88526	-0.88526	-1.120E-17
389	389	409	T+	-0.88526	-0.88526	-2.588E-16

Table 27: Element Forces - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	F11	F22	F12
				KN/mm	KN/mm	KN/mm
389	389	435	T+	-0.88526	-0.88526	7.432E-17
389	389	434	T+	-0.88526	-0.88526	4.419E-16
389	389	408	T-	0.88526	0.88526	1.120E-17
389	389	409	T-	0.88526	0.88526	2.588E-16
389	389	435	T-	0.88526	0.88526	-7.432E-17
389	389	434	T-	0.88526	0.88526	-4.419E-16
389	389	408	W	0.	0.	0.
389	389	409	W	0.	0.	0.
389	389	435	W	0.	0.	0.
389	389	434	W	0.	0.	0.
389	389	408	Qm-1	0.	0.	0.
389	389	409	Qm-1	0.	0.	0.
389	389	435	Qm-1	0.	0.	0.
389	389	434	Qm-1	0.	0.	0.
389	389	408	Qm-2	0.	0.	0.
389	389	409	Qm-2	0.	0.	0.
389	389	435	Qm-2	0.	0.	0.
389	389	434	Qm-2	0.	0.	0.
390	390	409	DEAD	0.	0.	0.
390	390	410	DEAD	0.	0.	0.
390	390	436	DEAD	0.	0.	0.
390	390	435	DEAD	0.	0.	0.
390	390	409	G1	0.	0.	0.
390	390	410	G1	0.	0.	0.
390	390	436	G1	0.	0.	0.
390	390	435	G1	0.	0.	0.
390	390	409	G2	0.	0.	0.
390	390	410	G2	0.	0.	0.
390	390	436	G2	0.	0.	0.
390	390	435	G2	0.	0.	0.
390	390	409	Qm	0.	0.	0.
390	390	410	Qm	0.	0.	0.
390	390	436	Qm	0.	0.	0.
390	390	435	Qm	0.	0.	0.
390	390	409	Qs	0.	0.	0.
390	390	410	Qs	0.	0.	0.
390	390	436	Qs	0.	0.	0.
390	390	435	Qs	0.	0.	0.
390	390	409	T+	-0.88526	-0.88526	-1.177E-16
390	390	410	T+	-0.88526	-0.88526	-1.236E-15
390	390	436	T+	-0.88526	-0.88526	2.227E-16
390	390	435	T+	-0.88526	-0.88526	1.381E-15
390	390	409	T-	0.88526	0.88526	1.177E-16
390	390	410	T-	0.88526	0.88526	1.236E-15
390	390	436	T-	0.88526	0.88526	-2.227E-16
390	390	435	T-	0.88526	0.88526	-1.381E-15
390	390	409	W	0.	0.	0.
390	390	410	W	0.	0.	0.
390	390	436	W	0.	0.	0.
390	390	435	W	0.	0.	0.
390	390	409	Qm-1	0.	0.	0.
390	390	410	Qm-1	0.	0.	0.
390	390	436	Qm-1	0.	0.	0.
390	390	435	Qm-1	0.	0.	0.

Table 27: Element Forces - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	F11	F22	F12
				KN/mm	KN/mm	KN/mm
390	390	409	Qm-2	0.	0.	0.
390	390	410	Qm-2	0.	0.	0.
390	390	436	Qm-2	0.	0.	0.
390	390	435	Qm-2	0.	0.	0.
391	391	410	DEAD	0.	0.	0.
391	391	411	DEAD	0.	0.	0.
391	391	437	DEAD	0.	0.	0.
391	391	436	DEAD	0.	0.	0.
391	391	410	G1	0.	0.	0.
391	391	411	G1	0.	0.	0.
391	391	437	G1	0.	0.	0.
391	391	436	G1	0.	0.	0.
391	391	410	G2	0.	0.	0.
391	391	411	G2	0.	0.	0.
391	391	437	G2	0.	0.	0.
391	391	436	G2	0.	0.	0.
391	391	410	Qm	0.	0.	0.
391	391	411	Qm	0.	0.	0.
391	391	437	Qm	0.	0.	0.
391	391	436	Qm	0.	0.	0.
391	391	410	Qs	0.	0.	0.
391	391	411	Qs	0.	0.	0.
391	391	437	Qs	0.	0.	0.
391	391	436	Qs	0.	0.	0.
391	391	410	T+	-0.88526	-0.88526	7.412E-17
391	391	411	T+	-0.88526	-0.88526	-2.438E-16
391	391	437	T+	-0.88526	-0.88526	-5.852E-17
391	391	436	T+	-0.88526	-0.88526	3.394E-16
391	391	410	T-	0.88526	0.88526	-7.412E-17
391	391	411	T-	0.88526	0.88526	2.438E-16
391	391	437	T-	0.88526	0.88526	5.852E-17
391	391	436	T-	0.88526	0.88526	-3.394E-16
391	391	410	W	0.	0.	0.
391	391	411	W	0.	0.	0.
391	391	437	W	0.	0.	0.
391	391	436	W	0.	0.	0.
391	391	410	Qm-1	0.	0.	0.
391	391	411	Qm-1	0.	0.	0.
391	391	437	Qm-1	0.	0.	0.
391	391	436	Qm-1	0.	0.	0.
391	391	410	Qm-2	0.	0.	0.
391	391	411	Qm-2	0.	0.	0.
391	391	437	Qm-2	0.	0.	0.
391	391	436	Qm-2	0.	0.	0.
392	392	411	DEAD	0.	0.	0.
392	392	412	DEAD	0.	0.	0.
392	392	438	DEAD	0.	0.	0.
392	392	437	DEAD	0.	0.	0.
392	392	411	G1	0.	0.	0.
392	392	412	G1	0.	0.	0.
392	392	438	G1	0.	0.	0.
392	392	437	G1	0.	0.	0.
392	392	411	G2	0.	0.	0.
392	392	412	G2	0.	0.	0.

Table 27: Element Forces - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	F11	F22	F12
				KN/mm	KN/mm	KN/mm
392	392	438	G2	0.	0.	0.
392	392	437	G2	0.	0.	0.
392	392	411	Qm	0.	0.	0.
392	392	412	Qm	0.	0.	0.
392	392	438	Qm	0.	0.	0.
392	392	437	Qm	0.	0.	0.
392	392	411	Qs	0.	0.	0.
392	392	412	Qs	0.	0.	0.
392	392	438	Qs	0.	0.	0.
392	392	437	Qs	0.	0.	0.
392	392	411	T+	-0.88526	-0.88526	-2.998E-16
392	392	412	T+	-0.88526	-0.88526	1.796E-16
392	392	438	T+	-0.88526	-0.88526	2.645E-16
392	392	437	T+	-0.88526	-0.88526	-1.349E-16
392	392	411	T-	0.88526	0.88526	2.998E-16
392	392	412	T-	0.88526	0.88526	-1.796E-16
392	392	438	T-	0.88526	0.88526	-2.645E-16
392	392	437	T-	0.88526	0.88526	1.349E-16
392	392	411	W	0.	0.	0.
392	392	412	W	0.	0.	0.
392	392	438	W	0.	0.	0.
392	392	437	W	0.	0.	0.
392	392	411	Qm-1	0.	0.	0.
392	392	412	Qm-1	0.	0.	0.
392	392	438	Qm-1	0.	0.	0.
392	392	437	Qm-1	0.	0.	0.
392	392	411	Qm-2	0.	0.	0.
392	392	412	Qm-2	0.	0.	0.
392	392	438	Qm-2	0.	0.	0.
392	392	437	Qm-2	0.	0.	0.
393	393	412	DEAD	0.	0.	0.
393	393	413	DEAD	0.	0.	0.
393	393	439	DEAD	0.	0.	0.
393	393	438	DEAD	0.	0.	0.
393	393	412	G1	0.	0.	0.
393	393	413	G1	0.	0.	0.
393	393	439	G1	0.	0.	0.
393	393	438	G1	0.	0.	0.
393	393	412	G2	0.	0.	0.
393	393	413	G2	0.	0.	0.
393	393	439	G2	0.	0.	0.
393	393	438	G2	0.	0.	0.
393	393	412	Qm	0.	0.	0.
393	393	413	Qm	0.	0.	0.
393	393	439	Qm	0.	0.	0.
393	393	438	Qm	0.	0.	0.
393	393	412	Qs	0.	0.	0.
393	393	413	Qs	0.	0.	0.
393	393	439	Qs	0.	0.	0.
393	393	438	Qs	0.	0.	0.
393	393	412	T+	-0.88526	-0.88526	7.953E-17
393	393	413	T+	-0.88526	-0.88526	-6.528E-17
393	393	439	T+	-0.88526	-0.88526	-1.641E-17
393	393	438	T+	-0.88526	-0.88526	2.484E-16

Table 27: Element Forces - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	F11	F22	F12
				KN/mm	KN/mm	KN/mm
393	393	412	T-	0.88526	0.88526	-7.953E-17
393	393	413	T-	0.88526	0.88526	6.528E-17
393	393	439	T-	0.88526	0.88526	1.641E-17
393	393	438	T-	0.88526	0.88526	-2.484E-16
393	393	412	W	0.	0.	0.
393	393	413	W	0.	0.	0.
393	393	439	W	0.	0.	0.
393	393	438	W	0.	0.	0.
393	393	412	Qm-1	0.	0.	0.
393	393	413	Qm-1	0.	0.	0.
393	393	439	Qm-1	0.	0.	0.
393	393	438	Qm-1	0.	0.	0.
393	393	412	Qm-2	0.	0.	0.
393	393	413	Qm-2	0.	0.	0.
393	393	439	Qm-2	0.	0.	0.
393	393	438	Qm-2	0.	0.	0.
394	394	413	DEAD	0.	0.	0.
394	394	414	DEAD	0.	0.	0.
394	394	440	DEAD	0.	0.	0.
394	394	439	DEAD	0.	0.	0.
394	394	413	G1	0.	0.	0.
394	394	414	G1	0.	0.	0.
394	394	440	G1	0.	0.	0.
394	394	439	G1	0.	0.	0.
394	394	413	G2	0.	0.	0.
394	394	414	G2	0.	0.	0.
394	394	440	G2	0.	0.	0.
394	394	439	G2	0.	0.	0.
394	394	413	Qm	0.	0.	0.
394	394	414	Qm	0.	0.	0.
394	394	440	Qm	0.	0.	0.
394	394	439	Qm	0.	0.	0.
394	394	413	Qs	0.	0.	0.
394	394	414	Qs	0.	0.	0.
394	394	440	Qs	0.	0.	0.
394	394	439	Qs	0.	0.	0.
394	394	413	T+	-0.88526	-0.88526	-8.187E-17
394	394	414	T+	-0.88526	-0.88526	-4.806E-17
394	394	440	T+	-0.88526	-0.88526	-2.377E-18
394	394	439	T+	-0.88526	-0.88526	-1.162E-16
394	394	413	T-	0.88526	0.88526	8.187E-17
394	394	414	T-	0.88526	0.88526	4.806E-17
394	394	440	T-	0.88526	0.88526	2.377E-18
394	394	439	T-	0.88526	0.88526	1.162E-16
394	394	413	W	0.	0.	0.
394	394	414	W	0.	0.	0.
394	394	440	W	0.	0.	0.
394	394	439	W	0.	0.	0.
394	394	413	Qm-1	0.	0.	0.
394	394	414	Qm-1	0.	0.	0.
394	394	440	Qm-1	0.	0.	0.
394	394	439	Qm-1	0.	0.	0.
394	394	413	Qm-2	0.	0.	0.
394	394	414	Qm-2	0.	0.	0.

Table 27: Element Forces - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	F11	F22	F12
				KN/mm	KN/mm	KN/mm
394	394	440	Qm-2	0.	0.	0.
394	394	439	Qm-2	0.	0.	0.
395	395	414	DEAD	0.	0.	0.
395	395	415	DEAD	0.	0.	0.
395	395	441	DEAD	0.	0.	0.
395	395	440	DEAD	0.	0.	0.
395	395	414	G1	0.	0.	0.
395	395	415	G1	0.	0.	0.
395	395	441	G1	0.	0.	0.
395	395	440	G1	0.	0.	0.
395	395	414	G2	0.	0.	0.
395	395	415	G2	0.	0.	0.
395	395	441	G2	0.	0.	0.
395	395	440	G2	0.	0.	0.
395	395	414	Qm	0.	0.	0.
395	395	415	Qm	0.	0.	0.
395	395	441	Qm	0.	0.	0.
395	395	440	Qm	0.	0.	0.
395	395	414	Qs	0.	0.	0.
395	395	415	Qs	0.	0.	0.
395	395	441	Qs	0.	0.	0.
395	395	440	Qs	0.	0.	0.
395	395	414	T+	-0.88526	-0.88526	7.412E-17
395	395	415	T+	-0.88526	-0.88526	3.401E-16
395	395	441	T+	-0.88526	-0.88526	-1.174E-16
395	395	440	T+	-0.88526	-0.88526	-3.434E-16
395	395	414	T-	0.88526	0.88526	-7.412E-17
395	395	415	T-	0.88526	0.88526	-3.401E-16
395	395	441	T-	0.88526	0.88526	1.174E-16
395	395	440	T-	0.88526	0.88526	3.434E-16
395	395	414	W	0.	0.	0.
395	395	415	W	0.	0.	0.
395	395	441	W	0.	0.	0.
395	395	440	W	0.	0.	0.
395	395	414	Qm-1	0.	0.	0.
395	395	415	Qm-1	0.	0.	0.
395	395	441	Qm-1	0.	0.	0.
395	395	440	Qm-1	0.	0.	0.
395	395	414	Qm-2	0.	0.	0.
395	395	415	Qm-2	0.	0.	0.
395	395	441	Qm-2	0.	0.	0.
395	395	440	Qm-2	0.	0.	0.
396	396	415	DEAD	0.	0.	0.
396	396	416	DEAD	0.	0.	0.
396	396	442	DEAD	0.	0.	0.
396	396	441	DEAD	0.	0.	0.
396	396	415	G1	0.	0.	0.
396	396	416	G1	0.	0.	0.
396	396	442	G1	0.	0.	0.
396	396	441	G1	0.	0.	0.
396	396	415	G2	0.	0.	0.
396	396	416	G2	0.	0.	0.
396	396	442	G2	0.	0.	0.
396	396	441	G2	0.	0.	0.

Table 27: Element Forces - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	F11	F22	F12
				KN/mm	KN/mm	KN/mm
396	396	415	Qm	0.	0.	0.
396	396	416	Qm	0.	0.	0.
396	396	442	Qm	0.	0.	0.
396	396	441	Qm	0.	0.	0.
396	396	415	Qs	0.	0.	0.
396	396	416	Qs	0.	0.	0.
396	396	442	Qs	0.	0.	0.
396	396	441	Qs	0.	0.	0.
396	396	415	T+	-0.88526	-0.88526	-2.476E-16
396	396	416	T+	-0.88526	-0.88526	-6.754E-16
396	396	442	T+	-0.88526	-0.88526	1.610E-16
396	396	441	T+	-0.88526	-0.88526	5.487E-16
396	396	415	T-	0.88526	0.88526	2.476E-16
396	396	416	T-	0.88526	0.88526	6.754E-16
396	396	442	T-	0.88526	0.88526	-1.610E-16
396	396	441	T-	0.88526	0.88526	-5.487E-16
396	396	415	W	0.	0.	0.
396	396	416	W	0.	0.	0.
396	396	442	W	0.	0.	0.
396	396	441	W	0.	0.	0.
396	396	415	Qm-1	0.	0.	0.
396	396	416	Qm-1	0.	0.	0.
396	396	442	Qm-1	0.	0.	0.
396	396	441	Qm-1	0.	0.	0.
396	396	415	Qm-2	0.	0.	0.
396	396	416	Qm-2	0.	0.	0.
396	396	442	Qm-2	0.	0.	0.
396	396	441	Qm-2	0.	0.	0.
397	397	416	DEAD	0.	0.	0.
397	397	417	DEAD	0.	0.	0.
397	397	443	DEAD	0.	0.	0.
397	397	442	DEAD	0.	0.	0.
397	397	416	G1	0.	0.	0.
397	397	417	G1	0.	0.	0.
397	397	443	G1	0.	0.	0.
397	397	442	G1	0.	0.	0.
397	397	416	G2	0.	0.	0.
397	397	417	G2	0.	0.	0.
397	397	443	G2	0.	0.	0.
397	397	442	G2	0.	0.	0.
397	397	416	Qm	0.	0.	0.
397	397	417	Qm	0.	0.	0.
397	397	443	Qm	0.	0.	0.
397	397	442	Qm	0.	0.	0.
397	397	416	Qs	0.	0.	0.
397	397	417	Qs	0.	0.	0.
397	397	443	Qs	0.	0.	0.
397	397	442	Qs	0.	0.	0.
397	397	416	T+	-0.88526	-0.88526	1.588E-16
397	397	417	T+	-0.88526	-0.88526	-6.889E-17
397	397	443	T+	-0.88526	-0.88526	-1.204E-16
397	397	442	T+	-0.88526	-0.88526	6.729E-17
397	397	416	T-	0.88526	0.88526	-1.588E-16
397	397	417	T-	0.88526	0.88526	6.889E-17

Table 27: Element Forces - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	F11	F22	F12
				KN/mm	KN/mm	KN/mm
397	397	443	T-	0.88526	0.88526	1.204E-16
397	397	442	T-	0.88526	0.88526	-6.729E-17
397	397	416	W	0.	0.	0.
397	397	417	W	0.	0.	0.
397	397	443	W	0.	0.	0.
397	397	442	W	0.	0.	0.
397	397	416	Qm-1	0.	0.	0.
397	397	417	Qm-1	0.	0.	0.
397	397	443	Qm-1	0.	0.	0.
397	397	442	Qm-1	0.	0.	0.
397	397	416	Qm-2	0.	0.	0.
397	397	417	Qm-2	0.	0.	0.
397	397	443	Qm-2	0.	0.	0.
397	397	442	Qm-2	0.	0.	0.
398	398	417	DEAD	0.	0.	0.
398	398	418	DEAD	0.	0.	0.
398	398	444	DEAD	0.	0.	0.
398	398	443	DEAD	0.	0.	0.
398	398	417	G1	0.	0.	0.
398	398	418	G1	0.	0.	0.
398	398	444	G1	0.	0.	0.
398	398	443	G1	0.	0.	0.
398	398	417	G2	0.	0.	0.
398	398	418	G2	0.	0.	0.
398	398	444	G2	0.	0.	0.
398	398	443	G2	0.	0.	0.
398	398	417	Qm	0.	0.	0.
398	398	418	Qm	0.	0.	0.
398	398	444	Qm	0.	0.	0.
398	398	443	Qm	0.	0.	0.
398	398	417	Qs	0.	0.	0.
398	398	418	Qs	0.	0.	0.
398	398	444	Qs	0.	0.	0.
398	398	443	Qs	0.	0.	0.
398	398	417	T+	-0.88526	-0.88526	-9.398E-17
398	398	418	T+	-0.88526	-0.88526	8.492E-16
398	398	444	T+	-0.88526	-0.88526	4.921E-17
398	398	443	T+	-0.88526	-0.88526	-9.340E-16
398	398	417	T-	0.88526	0.88526	9.398E-17
398	398	418	T-	0.88526	0.88526	-8.492E-16
398	398	444	T-	0.88526	0.88526	-4.921E-17
398	398	443	T-	0.88526	0.88526	9.340E-16
398	398	417	W	0.	0.	0.
398	398	418	W	0.	0.	0.
398	398	444	W	0.	0.	0.
398	398	443	W	0.	0.	0.
398	398	417	Qm-1	0.	0.	0.
398	398	418	Qm-1	0.	0.	0.
398	398	444	Qm-1	0.	0.	0.
398	398	443	Qm-1	0.	0.	0.
398	398	417	Qm-2	0.	0.	0.
398	398	418	Qm-2	0.	0.	0.
398	398	444	Qm-2	0.	0.	0.
398	398	443	Qm-2	0.	0.	0.

Table 27: Element Forces - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	F11	F22	F12
				KN/mm	KN/mm	KN/mm
399	399	418	DEAD	0.	0.	0.
399	399	419	DEAD	0.	0.	0.
399	399	445	DEAD	0.	0.	0.
399	399	444	DEAD	0.	0.	0.
399	399	418	G1	0.	0.	0.
399	399	419	G1	0.	0.	0.
399	399	445	G1	0.	0.	0.
399	399	444	G1	0.	0.	0.
399	399	418	G2	0.	0.	0.
399	399	419	G2	0.	0.	0.
399	399	445	G2	0.	0.	0.
399	399	444	G2	0.	0.	0.
399	399	418	Qm	0.	0.	0.
399	399	419	Qm	0.	0.	0.
399	399	445	Qm	0.	0.	0.
399	399	444	Qm	0.	0.	0.
399	399	418	Qs	0.	0.	0.
399	399	419	Qs	0.	0.	0.
399	399	445	Qs	0.	0.	0.
399	399	444	Qs	0.	0.	0.
399	399	418	T+	-0.88526	-0.88526	9.823E-17
399	399	419	T+	-0.88526	-0.88526	-3.494E-16
399	399	445	T+	-0.88526	-0.88526	-3.775E-17
399	399	444	T+	-0.88526	-0.88526	3.698E-16
399	399	418	T-	0.88526	0.88526	-9.823E-17
399	399	419	T-	0.88526	0.88526	3.494E-16
399	399	445	T-	0.88526	0.88526	3.775E-17
399	399	444	T-	0.88526	0.88526	-3.698E-16
399	399	418	W	0.	0.	0.
399	399	419	W	0.	0.	0.
399	399	445	W	0.	0.	0.
399	399	444	W	0.	0.	0.
399	399	418	Qm-1	0.	0.	0.
399	399	419	Qm-1	0.	0.	0.
399	399	445	Qm-1	0.	0.	0.
399	399	444	Qm-1	0.	0.	0.
399	399	418	Qm-2	0.	0.	0.
399	399	419	Qm-2	0.	0.	0.
399	399	445	Qm-2	0.	0.	0.
399	399	444	Qm-2	0.	0.	0.
400	400	419	DEAD	0.	0.	0.
400	400	420	DEAD	0.	0.	0.
400	400	446	DEAD	0.	0.	0.
400	400	445	DEAD	0.	0.	0.
400	400	419	G1	0.	0.	0.
400	400	420	G1	0.	0.	0.
400	400	446	G1	0.	0.	0.
400	400	445	G1	0.	0.	0.
400	400	419	G2	0.	0.	0.
400	400	420	G2	0.	0.	0.
400	400	446	G2	0.	0.	0.
400	400	445	G2	0.	0.	0.
400	400	419	Qm	0.	0.	0.
400	400	420	Qm	0.	0.	0.

Table 27: Element Forces - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	F11	F22	F12
				KN/mm	KN/mm	KN/mm
400	400	446	Qm	0.	0.	0.
400	400	445	Qm	0.	0.	0.
400	400	419	Qs	0.	0.	0.
400	400	420	Qs	0.	0.	0.
400	400	446	Qs	0.	0.	0.
400	400	445	Qs	0.	0.	0.
400	400	419	T+	-0.88526	-0.88526	-5.052E-16
400	400	420	T+	-0.88526	-0.88526	-3.111E-16
400	400	446	T+	-0.88526	-0.88526	3.910E-16
400	400	445	T+	-0.88526	-0.88526	-3.033E-18
400	400	419	T-	0.88526	0.88526	5.052E-16
400	400	420	T-	0.88526	0.88526	3.111E-16
400	400	446	T-	0.88526	0.88526	-3.910E-16
400	400	445	T-	0.88526	0.88526	3.033E-18
400	400	419	W	0.	0.	0.
400	400	420	W	0.	0.	0.
400	400	446	W	0.	0.	0.
400	400	445	W	0.	0.	0.
400	400	419	Qm-1	0.	0.	0.
400	400	420	Qm-1	0.	0.	0.
400	400	446	Qm-1	0.	0.	0.
400	400	445	Qm-1	0.	0.	0.
400	400	419	Qm-2	0.	0.	0.
400	400	420	Qm-2	0.	0.	0.
400	400	446	Qm-2	0.	0.	0.
400	400	445	Qm-2	0.	0.	0.
401	401	420	DEAD	0.	0.	0.
401	401	421	DEAD	0.	0.	0.
401	401	447	DEAD	0.	0.	0.
401	401	446	DEAD	0.	0.	0.
401	401	420	G1	0.	0.	0.
401	401	421	G1	0.	0.	0.
401	401	447	G1	0.	0.	0.
401	401	446	G1	0.	0.	0.
401	401	420	G2	0.	0.	0.
401	401	421	G2	0.	0.	0.
401	401	447	G2	0.	0.	0.
401	401	446	G2	0.	0.	0.
401	401	420	Qm	0.	0.	0.
401	401	421	Qm	0.	0.	0.
401	401	447	Qm	0.	0.	0.
401	401	446	Qm	0.	0.	0.
401	401	420	Qs	0.	0.	0.
401	401	421	Qs	0.	0.	0.
401	401	447	Qs	0.	0.	0.
401	401	446	Qs	0.	0.	0.
401	401	420	T+	-0.88526	-0.88526	2.675E-16
401	401	421	T+	-0.88526	-0.88526	-9.814E-17
401	401	447	T+	-0.88526	-0.88526	-1.608E-16
401	401	446	T+	-0.88526	-0.88526	1.249E-16
401	401	420	T-	0.88526	0.88526	-2.675E-16
401	401	421	T-	0.88526	0.88526	9.814E-17
401	401	447	T-	0.88526	0.88526	1.608E-16
401	401	446	T-	0.88526	0.88526	-1.249E-16

Table 27: Element Forces - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	F11	F22	F12
				KN/mm	KN/mm	KN/mm
401	401	420	W	0.	0.	0.
401	401	421	W	0.	0.	0.
401	401	447	W	0.	0.	0.
401	401	446	W	0.	0.	0.
401	401	420	Qm-1	0.	0.	0.
401	401	421	Qm-1	0.	0.	0.
401	401	447	Qm-1	0.	0.	0.
401	401	446	Qm-1	0.	0.	0.
401	401	420	Qm-2	0.	0.	0.
401	401	421	Qm-2	0.	0.	0.
401	401	447	Qm-2	0.	0.	0.
401	401	446	Qm-2	0.	0.	0.
402	402	421	DEAD	0.	0.	0.
402	402	422	DEAD	0.	0.	0.
402	402	448	DEAD	0.	0.	0.
402	402	447	DEAD	0.	0.	0.
402	402	421	G1	0.	0.	0.
402	402	422	G1	0.	0.	0.
402	402	448	G1	0.	0.	0.
402	402	447	G1	0.	0.	0.
402	402	421	G2	0.	0.	0.
402	402	422	G2	0.	0.	0.
402	402	448	G2	0.	0.	0.
402	402	447	G2	0.	0.	0.
402	402	421	Qm	0.	0.	0.
402	402	422	Qm	0.	0.	0.
402	402	448	Qm	0.	0.	0.
402	402	447	Qm	0.	0.	0.
402	402	421	Qs	0.	0.	0.
402	402	422	Qs	0.	0.	0.
402	402	448	Qs	0.	0.	0.
402	402	447	Qs	0.	0.	0.
402	402	421	T+	-0.88526	-0.88526	-2.360E-16
402	402	422	T+	-0.88526	-0.88526	1.704E-15
402	402	448	T+	-0.88526	-0.88526	1.587E-16
402	402	447	T+	-0.88526	-0.88526	-1.581E-15
402	402	421	T-	0.88526	0.88526	2.360E-16
402	402	422	T-	0.88526	0.88526	-1.704E-15
402	402	448	T-	0.88526	0.88526	-1.587E-16
402	402	447	T-	0.88526	0.88526	1.581E-15
402	402	421	W	0.	0.	0.
402	402	422	W	0.	0.	0.
402	402	448	W	0.	0.	0.
402	402	447	W	0.	0.	0.
402	402	421	Qm-1	0.	0.	0.
402	402	422	Qm-1	0.	0.	0.
402	402	448	Qm-1	0.	0.	0.
402	402	447	Qm-1	0.	0.	0.
402	402	421	Qm-2	0.	0.	0.
402	402	422	Qm-2	0.	0.	0.
402	402	448	Qm-2	0.	0.	0.
402	402	447	Qm-2	0.	0.	0.
403	403	423	DEAD	0.	0.	0.
403	403	424	DEAD	0.	0.	0.

Table 27: Element Forces - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	F11	F22	F12
				KN/mm	KN/mm	KN/mm
403	403	450	DEAD	0.	0.	0.
403	403	449	DEAD	0.	0.	0.
403	403	423	G1	0.	0.	0.
403	403	424	G1	0.	0.	0.
403	403	450	G1	0.	0.	0.
403	403	449	G1	0.	0.	0.
403	403	423	G2	0.	0.	0.
403	403	424	G2	0.	0.	0.
403	403	450	G2	0.	0.	0.
403	403	449	G2	0.	0.	0.
403	403	423	Qm	0.	0.	0.
403	403	424	Qm	0.	0.	0.
403	403	450	Qm	0.	0.	0.
403	403	449	Qm	0.	0.	0.
403	403	423	Qs	0.	0.	0.
403	403	424	Qs	0.	0.	0.
403	403	450	Qs	0.	0.	0.
403	403	449	Qs	0.	0.	0.
403	403	423	T+	-0.88526	-0.88526	-1.835E-16
403	403	424	T+	-0.88526	-0.88526	2.125E-16
403	403	450	T+	-0.88526	-0.88526	2.828E-16
403	403	449	T+	-0.88526	-0.88526	-3.319E-17
403	403	423	T-	0.88526	0.88526	1.835E-16
403	403	424	T-	0.88526	0.88526	-2.125E-16
403	403	450	T-	0.88526	0.88526	-2.828E-16
403	403	449	T-	0.88526	0.88526	3.319E-17
403	403	423	W	0.	0.	0.
403	403	424	W	0.	0.	0.
403	403	450	W	0.	0.	0.
403	403	449	W	0.	0.	0.
403	403	423	Qm-1	0.	0.	0.
403	403	424	Qm-1	0.	0.	0.
403	403	450	Qm-1	0.	0.	0.
403	403	449	Qm-1	0.	0.	0.
403	403	423	Qm-2	0.	0.	0.
403	403	424	Qm-2	0.	0.	0.
403	403	450	Qm-2	0.	0.	0.
403	403	449	Qm-2	0.	0.	0.
404	404	424	DEAD	0.	0.	0.
404	404	425	DEAD	0.	0.	0.
404	404	451	DEAD	0.	0.	0.
404	404	450	DEAD	0.	0.	0.
404	404	424	G1	0.	0.	0.
404	404	425	G1	0.	0.	0.
404	404	451	G1	0.	0.	0.
404	404	450	G1	0.	0.	0.
404	404	424	G2	0.	0.	0.
404	404	425	G2	0.	0.	0.
404	404	451	G2	0.	0.	0.
404	404	450	G2	0.	0.	0.
404	404	424	Qm	0.	0.	0.
404	404	425	Qm	0.	0.	0.
404	404	451	Qm	0.	0.	0.
404	404	450	Qm	0.	0.	0.

Table 27: Element Forces - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	F11	F22	F12
				KN/mm	KN/mm	KN/mm
404	404	424	Qs	0.	0.	0.
404	404	425	Qs	0.	0.	0.
404	404	451	Qs	0.	0.	0.
404	404	450	Qs	0.	0.	0.
404	404	424	T+	-0.88526	-0.88526	-6.192E-17
404	404	425	T+	-0.88526	-0.88526	4.638E-17
404	404	451	T+	-0.88526	-0.88526	1.173E-16
404	404	450	T+	-0.88526	-0.88526	9.040E-18
404	404	424	T-	0.88526	0.88526	6.192E-17
404	404	425	T-	0.88526	0.88526	-4.638E-17
404	404	451	T-	0.88526	0.88526	-1.173E-16
404	404	450	T-	0.88526	0.88526	-9.040E-18
404	404	424	W	0.	0.	0.
404	404	425	W	0.	0.	0.
404	404	451	W	0.	0.	0.
404	404	450	W	0.	0.	0.
404	404	424	Qm-1	0.	0.	0.
404	404	425	Qm-1	0.	0.	0.
404	404	451	Qm-1	0.	0.	0.
404	404	450	Qm-1	0.	0.	0.
404	404	424	Qm-2	0.	0.	0.
404	404	425	Qm-2	0.	0.	0.
404	404	451	Qm-2	0.	0.	0.
404	404	450	Qm-2	0.	0.	0.
405	405	425	DEAD	0.	0.	0.
405	405	426	DEAD	0.	0.	0.
405	405	452	DEAD	0.	0.	0.
405	405	451	DEAD	0.	0.	0.
405	405	425	G1	0.	0.	0.
405	405	426	G1	0.	0.	0.
405	405	452	G1	0.	0.	0.
405	405	451	G1	0.	0.	0.
405	405	425	G2	0.	0.	0.
405	405	426	G2	0.	0.	0.
405	405	452	G2	0.	0.	0.
405	405	451	G2	0.	0.	0.
405	405	425	Qm	0.	0.	0.
405	405	426	Qm	0.	0.	0.
405	405	452	Qm	0.	0.	0.
405	405	451	Qm	0.	0.	0.
405	405	425	Qs	0.	0.	0.
405	405	426	Qs	0.	0.	0.
405	405	452	Qs	0.	0.	0.
405	405	451	Qs	0.	0.	0.
405	405	425	T+	-0.88526	-0.88526	-1.060E-16
405	405	426	T+	-0.88526	-0.88526	-1.942E-16
405	405	452	T+	-0.88526	-0.88526	1.691E-16
405	405	451	T+	-0.88526	-0.88526	3.773E-16
405	405	425	T-	0.88526	0.88526	1.060E-16
405	405	426	T-	0.88526	0.88526	1.942E-16
405	405	452	T-	0.88526	0.88526	-1.691E-16
405	405	451	T-	0.88526	0.88526	-3.773E-16
405	405	425	W	0.	0.	0.
405	405	426	W	0.	0.	0.

Table 27: Element Forces - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	F11	F22	F12
				KN/mm	KN/mm	KN/mm
405	405	452	W	0.	0.	0.
405	405	451	W	0.	0.	0.
405	405	425	Qm-1	0.	0.	0.
405	405	426	Qm-1	0.	0.	0.
405	405	452	Qm-1	0.	0.	0.
405	405	451	Qm-1	0.	0.	0.
405	405	425	Qm-2	0.	0.	0.
405	405	426	Qm-2	0.	0.	0.
405	405	452	Qm-2	0.	0.	0.
405	405	451	Qm-2	0.	0.	0.
406	406	426	DEAD	0.	0.	0.
406	406	427	DEAD	0.	0.	0.
406	406	453	DEAD	0.	0.	0.
406	406	452	DEAD	0.	0.	0.
406	406	426	G1	0.	0.	0.
406	406	427	G1	0.	0.	0.
406	406	453	G1	0.	0.	0.
406	406	452	G1	0.	0.	0.
406	406	426	G2	0.	0.	0.
406	406	427	G2	0.	0.	0.
406	406	453	G2	0.	0.	0.
406	406	452	G2	0.	0.	0.
406	406	426	Qm	0.	0.	0.
406	406	427	Qm	0.	0.	0.
406	406	453	Qm	0.	0.	0.
406	406	452	Qm	0.	0.	0.
406	406	426	Qs	0.	0.	0.
406	406	427	Qs	0.	0.	0.
406	406	453	Qs	0.	0.	0.
406	406	452	Qs	0.	0.	0.
406	406	426	T+	-0.88526	-0.88526	7.656E-17
406	406	427	T+	-0.88526	-0.88526	3.768E-17
406	406	453	T+	-0.88526	-0.88526	-1.344E-17
406	406	452	T+	-0.88526	-0.88526	1.454E-16
406	406	426	T-	0.88526	0.88526	-7.656E-17
406	406	427	T-	0.88526	0.88526	-3.768E-17
406	406	453	T-	0.88526	0.88526	1.344E-17
406	406	452	T-	0.88526	0.88526	-1.454E-16
406	406	426	W	0.	0.	0.
406	406	427	W	0.	0.	0.
406	406	453	W	0.	0.	0.
406	406	452	W	0.	0.	0.
406	406	426	Qm-1	0.	0.	0.
406	406	427	Qm-1	0.	0.	0.
406	406	453	Qm-1	0.	0.	0.
406	406	452	Qm-1	0.	0.	0.
406	406	426	Qm-2	0.	0.	0.
406	406	427	Qm-2	0.	0.	0.
406	406	453	Qm-2	0.	0.	0.
406	406	452	Qm-2	0.	0.	0.
407	407	427	DEAD	0.	0.	0.
407	407	428	DEAD	0.	0.	0.
407	407	454	DEAD	0.	0.	0.
407	407	453	DEAD	0.	0.	0.

Table 27: Element Forces - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	F11	F22	F12
				KN/mm	KN/mm	KN/mm
407	407	427	G1	0.	0.	0.
407	407	428	G1	0.	0.	0.
407	407	454	G1	0.	0.	0.
407	407	453	G1	0.	0.	0.
407	407	427	G2	0.	0.	0.
407	407	428	G2	0.	0.	0.
407	407	454	G2	0.	0.	0.
407	407	453	G2	0.	0.	0.
407	407	427	Qm	0.	0.	0.
407	407	428	Qm	0.	0.	0.
407	407	454	Qm	0.	0.	0.
407	407	453	Qm	0.	0.	0.
407	407	427	Qs	0.	0.	0.
407	407	428	Qs	0.	0.	0.
407	407	454	Qs	0.	0.	0.
407	407	453	Qs	0.	0.	0.
407	407	427	T+	-0.88526	-0.88526	-7.788E-17
407	407	428	T+	-0.88526	-0.88526	-1.526E-16
407	407	454	T+	-0.88526	-0.88526	1.410E-16
407	407	453	T+	-0.88526	-0.88526	3.357E-16
407	407	427	T-	0.88526	0.88526	7.788E-17
407	407	428	T-	0.88526	0.88526	1.526E-16
407	407	454	T-	0.88526	0.88526	-1.410E-16
407	407	453	T-	0.88526	0.88526	-3.357E-16
407	407	427	W	0.	0.	0.
407	407	428	W	0.	0.	0.
407	407	454	W	0.	0.	0.
407	407	453	W	0.	0.	0.
407	407	427	Qm-1	0.	0.	0.
407	407	428	Qm-1	0.	0.	0.
407	407	454	Qm-1	0.	0.	0.
407	407	453	Qm-1	0.	0.	0.
407	407	427	Qm-2	0.	0.	0.
407	407	428	Qm-2	0.	0.	0.
407	407	454	Qm-2	0.	0.	0.
407	407	453	Qm-2	0.	0.	0.
408	408	428	DEAD	0.	0.	0.
408	408	429	DEAD	0.	0.	0.
408	408	455	DEAD	0.	0.	0.
408	408	454	DEAD	0.	0.	0.
408	408	428	G1	0.	0.	0.
408	408	429	G1	0.	0.	0.
408	408	455	G1	0.	0.	0.
408	408	454	G1	0.	0.	0.
408	408	428	G2	0.	0.	0.
408	408	429	G2	0.	0.	0.
408	408	455	G2	0.	0.	0.
408	408	454	G2	0.	0.	0.
408	408	428	Qm	0.	0.	0.
408	408	429	Qm	0.	0.	0.
408	408	455	Qm	0.	0.	0.
408	408	454	Qm	0.	0.	0.
408	408	428	Qs	0.	0.	0.
408	408	429	Qs	0.	0.	0.

Table 27: Element Forces - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	F11	F22	F12
				KN/mm	KN/mm	KN/mm
408	408	455	Qs	0.	0.	0.
408	408	454	Qs	0.	0.	0.
408	408	428	T+	-0.88526	-0.88526	4.024E-17
408	408	429	T+	-0.88526	-0.88526	-6.858E-17
408	408	455	T+	-0.88526	-0.88526	2.288E-17
408	408	454	T+	-0.88526	-0.88526	2.517E-16
408	408	428	T-	0.88526	0.88526	-4.024E-17
408	408	429	T-	0.88526	0.88526	6.858E-17
408	408	455	T-	0.88526	0.88526	-2.288E-17
408	408	454	T-	0.88526	0.88526	-2.517E-16
408	408	428	W	0.	0.	0.
408	408	429	W	0.	0.	0.
408	408	455	W	0.	0.	0.
408	408	454	W	0.	0.	0.
408	408	428	Qm-1	0.	0.	0.
408	408	429	Qm-1	0.	0.	0.
408	408	455	Qm-1	0.	0.	0.
408	408	454	Qm-1	0.	0.	0.
408	408	428	Qm-2	0.	0.	0.
408	408	429	Qm-2	0.	0.	0.
408	408	455	Qm-2	0.	0.	0.
408	408	454	Qm-2	0.	0.	0.
409	409	429	DEAD	0.	0.	0.
409	409	430	DEAD	0.	0.	0.
409	409	456	DEAD	0.	0.	0.
409	409	455	DEAD	0.	0.	0.
409	409	429	G1	0.	0.	0.
409	409	430	G1	0.	0.	0.
409	409	456	G1	0.	0.	0.
409	409	455	G1	0.	0.	0.
409	409	429	G2	0.	0.	0.
409	409	430	G2	0.	0.	0.
409	409	456	G2	0.	0.	0.
409	409	455	G2	0.	0.	0.
409	409	429	Qm	0.	0.	0.
409	409	430	Qm	0.	0.	0.
409	409	456	Qm	0.	0.	0.
409	409	455	Qm	0.	0.	0.
409	409	429	Qs	0.	0.	0.
409	409	430	Qs	0.	0.	0.
409	409	456	Qs	0.	0.	0.
409	409	455	Qs	0.	0.	0.
409	409	429	T+	-0.88526	-0.88526	-8.931E-17
409	409	430	T+	-0.88526	-0.88526	-1.086E-16
409	409	456	T+	-0.88526	-0.88526	1.524E-16
409	409	455	T+	-0.88526	-0.88526	2.917E-16
409	409	429	T-	0.88526	0.88526	8.931E-17
409	409	430	T-	0.88526	0.88526	1.086E-16
409	409	456	T-	0.88526	0.88526	-1.524E-16
409	409	455	T-	0.88526	0.88526	-2.917E-16
409	409	429	W	0.	0.	0.
409	409	430	W	0.	0.	0.
409	409	456	W	0.	0.	0.
409	409	455	W	0.	0.	0.

Table 27: Element Forces - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	F11	F22	F12
				KN/mm	KN/mm	KN/mm
409	409	429	Qm-1	0.	0.	0.
409	409	430	Qm-1	0.	0.	0.
409	409	456	Qm-1	0.	0.	0.
409	409	455	Qm-1	0.	0.	0.
409	409	429	Qm-2	0.	0.	0.
409	409	430	Qm-2	0.	0.	0.
409	409	456	Qm-2	0.	0.	0.
409	409	455	Qm-2	0.	0.	0.
410	410	430	DEAD	0.	0.	0.
410	410	431	DEAD	0.	0.	0.
410	410	457	DEAD	0.	0.	0.
410	410	456	DEAD	0.	0.	0.
410	410	430	G1	0.	0.	0.
410	410	431	G1	0.	0.	0.
410	410	457	G1	0.	0.	0.
410	410	456	G1	0.	0.	0.
410	410	430	G2	0.	0.	0.
410	410	431	G2	0.	0.	0.
410	410	457	G2	0.	0.	0.
410	410	456	G2	0.	0.	0.
410	410	430	Qm	0.	0.	0.
410	410	431	Qm	0.	0.	0.
410	410	457	Qm	0.	0.	0.
410	410	456	Qm	0.	0.	0.
410	410	430	Qs	0.	0.	0.
410	410	431	Qs	0.	0.	0.
410	410	457	Qs	0.	0.	0.
410	410	456	Qs	0.	0.	0.
410	410	430	T+	-0.88526	-0.88526	6.163E-17
410	410	431	T+	-0.88526	-0.88526	-7.732E-17
410	410	457	T+	-0.88526	-0.88526	1.485E-18
410	410	456	T+	-0.88526	-0.88526	2.604E-16
410	410	430	T-	0.88526	0.88526	-6.163E-17
410	410	431	T-	0.88526	0.88526	7.732E-17
410	410	457	T-	0.88526	0.88526	-1.485E-18
410	410	456	T-	0.88526	0.88526	-2.604E-16
410	410	430	W	0.	0.	0.
410	410	431	W	0.	0.	0.
410	410	457	W	0.	0.	0.
410	410	456	W	0.	0.	0.
410	410	430	Qm-1	0.	0.	0.
410	410	431	Qm-1	0.	0.	0.
410	410	457	Qm-1	0.	0.	0.
410	410	456	Qm-1	0.	0.	0.
410	410	430	Qm-2	0.	0.	0.
410	410	431	Qm-2	0.	0.	0.
410	410	457	Qm-2	0.	0.	0.
410	410	456	Qm-2	0.	0.	0.
411	411	431	DEAD	0.	0.	0.
411	411	432	DEAD	0.	0.	0.
411	411	458	DEAD	0.	0.	0.
411	411	457	DEAD	0.	0.	0.
411	411	431	G1	0.	0.	0.
411	411	432	G1	0.	0.	0.

Table 27: Element Forces - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	F11	F22	F12
				KN/mm	KN/mm	KN/mm
411	411	458	G1	0.	0.	0.
411	411	457	G1	0.	0.	0.
411	411	431	G2	0.	0.	0.
411	411	432	G2	0.	0.	0.
411	411	458	G2	0.	0.	0.
411	411	457	G2	0.	0.	0.
411	411	431	Qm	0.	0.	0.
411	411	432	Qm	0.	0.	0.
411	411	458	Qm	0.	0.	0.
411	411	457	Qm	0.	0.	0.
411	411	431	Qs	0.	0.	0.
411	411	432	Qs	0.	0.	0.
411	411	458	Qs	0.	0.	0.
411	411	457	Qs	0.	0.	0.
411	411	431	T+	-0.88526	-0.88526	-6.717E-17
411	411	432	T+	-0.88526	-0.88526	-8.684E-17
411	411	458	T+	-0.88526	-0.88526	1.303E-16
411	411	457	T+	-0.88526	-0.88526	2.699E-16
411	411	431	T-	0.88526	0.88526	6.717E-17
411	411	432	T-	0.88526	0.88526	8.684E-17
411	411	458	T-	0.88526	0.88526	-1.303E-16
411	411	457	T-	0.88526	0.88526	-2.699E-16
411	411	431	W	0.	0.	0.
411	411	432	W	0.	0.	0.
411	411	458	W	0.	0.	0.
411	411	457	W	0.	0.	0.
411	411	431	Qm-1	0.	0.	0.
411	411	432	Qm-1	0.	0.	0.
411	411	458	Qm-1	0.	0.	0.
411	411	457	Qm-1	0.	0.	0.
411	411	431	Qm-2	0.	0.	0.
411	411	432	Qm-2	0.	0.	0.
411	411	458	Qm-2	0.	0.	0.
411	411	457	Qm-2	0.	0.	0.
412	412	432	DEAD	0.	0.	0.
412	412	433	DEAD	0.	0.	0.
412	412	459	DEAD	0.	0.	0.
412	412	458	DEAD	0.	0.	0.
412	412	432	G1	0.	0.	0.
412	412	433	G1	0.	0.	0.
412	412	459	G1	0.	0.	0.
412	412	458	G1	0.	0.	0.
412	412	432	G2	0.	0.	0.
412	412	433	G2	0.	0.	0.
412	412	459	G2	0.	0.	0.
412	412	458	G2	0.	0.	0.
412	412	432	Qm	0.	0.	0.
412	412	433	Qm	0.	0.	0.
412	412	459	Qm	0.	0.	0.
412	412	458	Qm	0.	0.	0.
412	412	432	Qs	0.	0.	0.
412	412	433	Qs	0.	0.	0.
412	412	459	Qs	0.	0.	0.
412	412	458	Qs	0.	0.	0.

Table 27: Element Forces - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	F11	F22	F12
				KN/mm	KN/mm	KN/mm
412	412	432	T+	-0.88526	-0.88526	9.487E-17
412	412	433	T+	-0.88526	-0.88526	-1.237E-16
412	412	459	T+	-0.88526	-0.88526	-3.175E-17
412	412	458	T+	-0.88526	-0.88526	3.068E-16
412	412	432	T-	0.88526	0.88526	-9.487E-17
412	412	433	T-	0.88526	0.88526	1.237E-16
412	412	459	T-	0.88526	0.88526	3.175E-17
412	412	458	T-	0.88526	0.88526	-3.068E-16
412	412	432	W	0.	0.	0.
412	412	433	W	0.	0.	0.
412	412	459	W	0.	0.	0.
412	412	458	W	0.	0.	0.
412	412	432	Qm-1	0.	0.	0.
412	412	433	Qm-1	0.	0.	0.
412	412	459	Qm-1	0.	0.	0.
412	412	458	Qm-1	0.	0.	0.
412	412	432	Qm-2	0.	0.	0.
412	412	433	Qm-2	0.	0.	0.
412	412	459	Qm-2	0.	0.	0.
412	412	458	Qm-2	0.	0.	0.
413	413	433	DEAD	0.	0.	0.
413	413	434	DEAD	0.	0.	0.
413	413	460	DEAD	0.	0.	0.
413	413	459	DEAD	0.	0.	0.
413	413	433	G1	0.	0.	0.
413	413	434	G1	0.	0.	0.
413	413	460	G1	0.	0.	0.
413	413	459	G1	0.	0.	0.
413	413	433	G2	0.	0.	0.
413	413	434	G2	0.	0.	0.
413	413	460	G2	0.	0.	0.
413	413	459	G2	0.	0.	0.
413	413	433	Qm	0.	0.	0.
413	413	434	Qm	0.	0.	0.
413	413	460	Qm	0.	0.	0.
413	413	459	Qm	0.	0.	0.
413	413	433	Qs	0.	0.	0.
413	413	434	Qs	0.	0.	0.
413	413	460	Qs	0.	0.	0.
413	413	459	Qs	0.	0.	0.
413	413	433	T+	-0.88526	-0.88526	-4.824E-16
413	413	434	T+	-0.88526	-0.88526	-1.005E-16
413	413	460	T+	-0.88526	-0.88526	2.188E-16
413	413	459	T+	-0.88526	-0.88526	-1.631E-16
413	413	433	T-	0.88526	0.88526	4.824E-16
413	413	434	T-	0.88526	0.88526	1.005E-16
413	413	460	T-	0.88526	0.88526	-2.188E-16
413	413	459	T-	0.88526	0.88526	1.631E-16
413	413	433	W	0.	0.	0.
413	413	434	W	0.	0.	0.
413	413	460	W	0.	0.	0.
413	413	459	W	0.	0.	0.
413	413	433	Qm-1	0.	0.	0.
413	413	434	Qm-1	0.	0.	0.

Table 27: Element Forces - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	F11	F22	F12
				KN/mm	KN/mm	KN/mm
413	413	460	Qm-1	0.	0.	0.
413	413	459	Qm-1	0.	0.	0.
413	413	433	Qm-2	0.	0.	0.
413	413	434	Qm-2	0.	0.	0.
413	413	460	Qm-2	0.	0.	0.
413	413	459	Qm-2	0.	0.	0.
414	414	434	DEAD	0.	0.	0.
414	414	435	DEAD	0.	0.	0.
414	414	461	DEAD	0.	0.	0.
414	414	460	DEAD	0.	0.	0.
414	414	434	G1	0.	0.	0.
414	414	435	G1	0.	0.	0.
414	414	461	G1	0.	0.	0.
414	414	460	G1	0.	0.	0.
414	414	434	G2	0.	0.	0.
414	414	435	G2	0.	0.	0.
414	414	461	G2	0.	0.	0.
414	414	460	G2	0.	0.	0.
414	414	434	Qm	0.	0.	0.
414	414	435	Qm	0.	0.	0.
414	414	461	Qm	0.	0.	0.
414	414	460	Qm	0.	0.	0.
414	414	434	Qs	0.	0.	0.
414	414	435	Qs	0.	0.	0.
414	414	461	Qs	0.	0.	0.
414	414	460	Qs	0.	0.	0.
414	414	434	T+	-0.88526	-0.88526	1.278E-16
414	414	435	T+	-0.88526	-0.88526	2.112E-16
414	414	461	T+	-0.88526	-0.88526	-2.403E-16
414	414	460	T+	-0.88526	-0.88526	-3.237E-16
414	414	434	T-	0.88526	0.88526	-1.278E-16
414	414	435	T-	0.88526	0.88526	-2.112E-16
414	414	461	T-	0.88526	0.88526	2.403E-16
414	414	460	T-	0.88526	0.88526	3.237E-16
414	414	434	W	0.	0.	0.
414	414	435	W	0.	0.	0.
414	414	461	W	0.	0.	0.
414	414	460	W	0.	0.	0.
414	414	434	Qm-1	0.	0.	0.
414	414	435	Qm-1	0.	0.	0.
414	414	461	Qm-1	0.	0.	0.
414	414	460	Qm-1	0.	0.	0.
414	414	434	Qm-2	0.	0.	0.
414	414	435	Qm-2	0.	0.	0.
414	414	461	Qm-2	0.	0.	0.
414	414	460	Qm-2	0.	0.	0.
415	415	435	DEAD	0.	0.	0.
415	415	436	DEAD	0.	0.	0.
415	415	462	DEAD	0.	0.	0.
415	415	461	DEAD	0.	0.	0.
415	415	435	G1	0.	0.	0.
415	415	436	G1	0.	0.	0.
415	415	462	G1	0.	0.	0.
415	415	461	G1	0.	0.	0.

Table 27: Element Forces - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	F11	F22	F12
				KN/mm	KN/mm	KN/mm
415	415	435	G2	0.	0.	0.
415	415	436	G2	0.	0.	0.
415	415	462	G2	0.	0.	0.
415	415	461	G2	0.	0.	0.
415	415	435	Qm	0.	0.	0.
415	415	436	Qm	0.	0.	0.
415	415	462	Qm	0.	0.	0.
415	415	461	Qm	0.	0.	0.
415	415	435	Qs	0.	0.	0.
415	415	436	Qs	0.	0.	0.
415	415	462	Qs	0.	0.	0.
415	415	461	Qs	0.	0.	0.
415	415	435	T+	-0.88526	-0.88526	-3.513E-16
415	415	436	T+	-0.88526	-0.88526	5.584E-16
415	415	462	T+	-0.88526	-0.88526	2.312E-16
415	415	461	T+	-0.88526	-0.88526	-7.985E-16
415	415	435	T-	0.88526	0.88526	3.513E-16
415	415	436	T-	0.88526	0.88526	-5.584E-16
415	415	462	T-	0.88526	0.88526	-2.312E-16
415	415	461	T-	0.88526	0.88526	7.985E-16
415	415	435	W	0.	0.	0.
415	415	436	W	0.	0.	0.
415	415	462	W	0.	0.	0.
415	415	461	W	0.	0.	0.
415	415	435	Qm-1	0.	0.	0.
415	415	436	Qm-1	0.	0.	0.
415	415	462	Qm-1	0.	0.	0.
415	415	461	Qm-1	0.	0.	0.
415	415	435	Qm-2	0.	0.	0.
415	415	436	Qm-2	0.	0.	0.
415	415	462	Qm-2	0.	0.	0.
415	415	461	Qm-2	0.	0.	0.
416	416	436	DEAD	0.	0.	0.
416	416	437	DEAD	0.	0.	0.
416	416	463	DEAD	0.	0.	0.
416	416	462	DEAD	0.	0.	0.
416	416	436	G1	0.	0.	0.
416	416	437	G1	0.	0.	0.
416	416	463	G1	0.	0.	0.
416	416	462	G1	0.	0.	0.
416	416	436	G2	0.	0.	0.
416	416	437	G2	0.	0.	0.
416	416	463	G2	0.	0.	0.
416	416	462	G2	0.	0.	0.
416	416	436	Qm	0.	0.	0.
416	416	437	Qm	0.	0.	0.
416	416	463	Qm	0.	0.	0.
416	416	462	Qm	0.	0.	0.
416	416	436	Qs	0.	0.	0.
416	416	437	Qs	0.	0.	0.
416	416	463	Qs	0.	0.	0.
416	416	462	Qs	0.	0.	0.
416	416	436	T+	-0.88526	-0.88526	-7.598E-17
416	416	437	T+	-0.88526	-0.88526	5.958E-16

Table 27: Element Forces - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	F11	F22	F12
				KN/mm	KN/mm	KN/mm
416	416	463	T+	-0.88526	-0.88526	-9.293E-18
416	416	462	T+	-0.88526	-0.88526	-6.811E-16
416	416	436	T-	0.88526	0.88526	7.598E-17
416	416	437	T-	0.88526	0.88526	-5.958E-16
416	416	463	T-	0.88526	0.88526	9.293E-18
416	416	462	T-	0.88526	0.88526	6.811E-16
416	416	436	W	0.	0.	0.
416	416	437	W	0.	0.	0.
416	416	463	W	0.	0.	0.
416	416	462	W	0.	0.	0.
416	416	436	Qm-1	0.	0.	0.
416	416	437	Qm-1	0.	0.	0.
416	416	463	Qm-1	0.	0.	0.
416	416	462	Qm-1	0.	0.	0.
416	416	436	Qm-2	0.	0.	0.
416	416	437	Qm-2	0.	0.	0.
416	416	463	Qm-2	0.	0.	0.
416	416	462	Qm-2	0.	0.	0.
417	417	437	DEAD	0.	0.	0.
417	417	438	DEAD	0.	0.	0.
417	417	464	DEAD	0.	0.	0.
417	417	463	DEAD	0.	0.	0.
417	417	437	G1	0.	0.	0.
417	417	438	G1	0.	0.	0.
417	417	464	G1	0.	0.	0.
417	417	463	G1	0.	0.	0.
417	417	437	G2	0.	0.	0.
417	417	438	G2	0.	0.	0.
417	417	464	G2	0.	0.	0.
417	417	463	G2	0.	0.	0.
417	417	437	Qm	0.	0.	0.
417	417	438	Qm	0.	0.	0.
417	417	464	Qm	0.	0.	0.
417	417	463	Qm	0.	0.	0.
417	417	437	Qs	0.	0.	0.
417	417	438	Qs	0.	0.	0.
417	417	464	Qs	0.	0.	0.
417	417	463	Qs	0.	0.	0.
417	417	437	T+	-0.88526	-0.88526	-4.395E-17
417	417	438	T+	-0.88526	-0.88526	-2.340E-16
417	417	464	T+	-0.88526	-0.88526	6.405E-17
417	417	463	T+	-0.88526	-0.88526	2.141E-16
417	417	437	T-	0.88526	0.88526	4.395E-17
417	417	438	T-	0.88526	0.88526	2.340E-16
417	417	464	T-	0.88526	0.88526	-6.405E-17
417	417	463	T-	0.88526	0.88526	-2.141E-16
417	417	437	W	0.	0.	0.
417	417	438	W	0.	0.	0.
417	417	464	W	0.	0.	0.
417	417	463	W	0.	0.	0.
417	417	437	Qm-1	0.	0.	0.
417	417	438	Qm-1	0.	0.	0.
417	417	464	Qm-1	0.	0.	0.
417	417	463	Qm-1	0.	0.	0.

Table 27: Element Forces - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	F11	F22	F12
				KN/mm	KN/mm	KN/mm
417	417	437	Qm-2	0.	0.	0.
417	417	438	Qm-2	0.	0.	0.
417	417	464	Qm-2	0.	0.	0.
417	417	463	Qm-2	0.	0.	0.
418	418	438	DEAD	0.	0.	0.
418	418	439	DEAD	0.	0.	0.
418	418	465	DEAD	0.	0.	0.
418	418	464	DEAD	0.	0.	0.
418	418	438	G1	0.	0.	0.
418	418	439	G1	0.	0.	0.
418	418	465	G1	0.	0.	0.
418	418	464	G1	0.	0.	0.
418	418	438	G2	0.	0.	0.
418	418	439	G2	0.	0.	0.
418	418	465	G2	0.	0.	0.
418	418	464	G2	0.	0.	0.
418	418	438	Qm	0.	0.	0.
418	418	439	Qm	0.	0.	0.
418	418	465	Qm	0.	0.	0.
418	418	464	Qm	0.	0.	0.
418	418	438	Qs	0.	0.	0.
418	418	439	Qs	0.	0.	0.
418	418	465	Qs	0.	0.	0.
418	418	464	Qs	0.	0.	0.
418	418	438	T+	-0.88526	-0.88526	-4.550E-17
418	418	439	T+	-0.88526	-0.88526	-1.666E-16
418	418	465	T+	-0.88526	-0.88526	1.086E-16
418	418	464	T+	-0.88526	-0.88526	3.497E-16
418	418	438	T-	0.88526	0.88526	4.550E-17
418	418	439	T-	0.88526	0.88526	1.666E-16
418	418	465	T-	0.88526	0.88526	-1.086E-16
418	418	464	T-	0.88526	0.88526	-3.497E-16
418	418	438	W	0.	0.	0.
418	418	439	W	0.	0.	0.
418	418	465	W	0.	0.	0.
418	418	464	W	0.	0.	0.
418	418	438	Qm-1	0.	0.	0.
418	418	439	Qm-1	0.	0.	0.
418	418	465	Qm-1	0.	0.	0.
418	418	464	Qm-1	0.	0.	0.
418	418	438	Qm-2	0.	0.	0.
418	418	439	Qm-2	0.	0.	0.
418	418	465	Qm-2	0.	0.	0.
418	418	464	Qm-2	0.	0.	0.
419	419	439	DEAD	0.	0.	0.
419	419	440	DEAD	0.	0.	0.
419	419	466	DEAD	0.	0.	0.
419	419	465	DEAD	0.	0.	0.
419	419	439	G1	0.	0.	0.
419	419	440	G1	0.	0.	0.
419	419	466	G1	0.	0.	0.
419	419	465	G1	0.	0.	0.
419	419	439	G2	0.	0.	0.
419	419	440	G2	0.	0.	0.

Table 27: Element Forces - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	F11	F22	F12
				KN/mm	KN/mm	KN/mm
419	419	466	G2	0.	0.	0.
419	419	465	G2	0.	0.	0.
419	419	439	Qm	0.	0.	0.
419	419	440	Qm	0.	0.	0.
419	419	466	Qm	0.	0.	0.
419	419	465	Qm	0.	0.	0.
419	419	439	Qs	0.	0.	0.
419	419	440	Qs	0.	0.	0.
419	419	466	Qs	0.	0.	0.
419	419	465	Qs	0.	0.	0.
419	419	439	T+	-0.88526	-0.88526	-1.891E-16
419	419	440	T+	-0.88526	-0.88526	-1.947E-15
419	419	466	T+	-0.88526	-0.88526	6.252E-18
419	419	465	T+	-0.88526	-0.88526	1.805E-15
419	419	439	T-	0.88526	0.88526	1.891E-16
419	419	440	T-	0.88526	0.88526	1.947E-15
419	419	466	T-	0.88526	0.88526	-6.252E-18
419	419	465	T-	0.88526	0.88526	-1.805E-15
419	419	439	W	0.	0.	0.
419	419	440	W	0.	0.	0.
419	419	466	W	0.	0.	0.
419	419	465	W	0.	0.	0.
419	419	439	Qm-1	0.	0.	0.
419	419	440	Qm-1	0.	0.	0.
419	419	466	Qm-1	0.	0.	0.
419	419	465	Qm-1	0.	0.	0.
419	419	439	Qm-2	0.	0.	0.
419	419	440	Qm-2	0.	0.	0.
419	419	466	Qm-2	0.	0.	0.
419	419	465	Qm-2	0.	0.	0.
420	420	440	DEAD	0.	0.	0.
420	420	441	DEAD	0.	0.	0.
420	420	467	DEAD	0.	0.	0.
420	420	466	DEAD	0.	0.	0.
420	420	440	G1	0.	0.	0.
420	420	441	G1	0.	0.	0.
420	420	467	G1	0.	0.	0.
420	420	466	G1	0.	0.	0.
420	420	440	G2	0.	0.	0.
420	420	441	G2	0.	0.	0.
420	420	467	G2	0.	0.	0.
420	420	466	G2	0.	0.	0.
420	420	440	Qm	0.	0.	0.
420	420	441	Qm	0.	0.	0.
420	420	467	Qm	0.	0.	0.
420	420	466	Qm	0.	0.	0.
420	420	440	Qs	0.	0.	0.
420	420	441	Qs	0.	0.	0.
420	420	467	Qs	0.	0.	0.
420	420	466	Qs	0.	0.	0.
420	420	440	T+	-0.88526	-0.88526	1.031E-16
420	420	441	T+	-0.88526	-0.88526	-4.171E-16
420	420	467	T+	-0.88526	-0.88526	1.504E-16
420	420	466	T+	-0.88526	-0.88526	7.506E-16

Table 27: Element Forces - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	F11	F22	F12
				KN/mm	KN/mm	KN/mm
420	420	440	T-	0.88526	0.88526	-1.031E-16
420	420	441	T-	0.88526	0.88526	4.171E-16
420	420	467	T-	0.88526	0.88526	-1.504E-16
420	420	466	T-	0.88526	0.88526	-7.506E-16
420	420	440	W	0.	0.	0.
420	420	441	W	0.	0.	0.
420	420	467	W	0.	0.	0.
420	420	466	W	0.	0.	0.
420	420	440	Qm-1	0.	0.	0.
420	420	441	Qm-1	0.	0.	0.
420	420	467	Qm-1	0.	0.	0.
420	420	466	Qm-1	0.	0.	0.
420	420	440	Qm-2	0.	0.	0.
420	420	441	Qm-2	0.	0.	0.
420	420	467	Qm-2	0.	0.	0.
420	420	466	Qm-2	0.	0.	0.
421	421	441	DEAD	0.	0.	0.
421	421	442	DEAD	0.	0.	0.
421	421	468	DEAD	0.	0.	0.
421	421	467	DEAD	0.	0.	0.
421	421	441	G1	0.	0.	0.
421	421	442	G1	0.	0.	0.
421	421	468	G1	0.	0.	0.
421	421	467	G1	0.	0.	0.
421	421	441	G2	0.	0.	0.
421	421	442	G2	0.	0.	0.
421	421	468	G2	0.	0.	0.
421	421	467	G2	0.	0.	0.
421	421	441	Qm	0.	0.	0.
421	421	442	Qm	0.	0.	0.
421	421	468	Qm	0.	0.	0.
421	421	467	Qm	0.	0.	0.
421	421	441	Qs	0.	0.	0.
421	421	442	Qs	0.	0.	0.
421	421	468	Qs	0.	0.	0.
421	421	467	Qs	0.	0.	0.
421	421	441	T+	-0.88526	-0.88526	4.334E-17
421	421	442	T+	-0.88526	-0.88526	-2.853E-16
421	421	468	T+	-0.88526	-0.88526	8.662E-17
421	421	467	T+	-0.88526	-0.88526	3.353E-16
421	421	441	T-	0.88526	0.88526	-4.334E-17
421	421	442	T-	0.88526	0.88526	2.853E-16
421	421	468	T-	0.88526	0.88526	-8.662E-17
421	421	467	T-	0.88526	0.88526	-3.353E-16
421	421	441	W	0.	0.	0.
421	421	442	W	0.	0.	0.
421	421	468	W	0.	0.	0.
421	421	467	W	0.	0.	0.
421	421	441	Qm-1	0.	0.	0.
421	421	442	Qm-1	0.	0.	0.
421	421	468	Qm-1	0.	0.	0.
421	421	467	Qm-1	0.	0.	0.
421	421	441	Qm-2	0.	0.	0.
421	421	442	Qm-2	0.	0.	0.

Table 27: Element Forces - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	F11	F22	F12
				KN/mm	KN/mm	KN/mm
421	421	468	Qm-2	0.	0.	0.
421	421	467	Qm-2	0.	0.	0.
422	422	442	DEAD	0.	0.	0.
422	422	443	DEAD	0.	0.	0.
422	422	469	DEAD	0.	0.	0.
422	422	468	DEAD	0.	0.	0.
422	422	442	G1	0.	0.	0.
422	422	443	G1	0.	0.	0.
422	422	469	G1	0.	0.	0.
422	422	468	G1	0.	0.	0.
422	422	442	G2	0.	0.	0.
422	422	443	G2	0.	0.	0.
422	422	469	G2	0.	0.	0.
422	422	468	G2	0.	0.	0.
422	422	442	Qm	0.	0.	0.
422	422	443	Qm	0.	0.	0.
422	422	469	Qm	0.	0.	0.
422	422	468	Qm	0.	0.	0.
422	422	442	Qs	0.	0.	0.
422	422	443	Qs	0.	0.	0.
422	422	469	Qs	0.	0.	0.
422	422	468	Qs	0.	0.	0.
422	422	442	T+	-0.88526	-0.88526	-1.907E-16
422	422	443	T+	-0.88526	-0.88526	-6.019E-16
422	422	469	T+	-0.88526	-0.88526	-4.210E-17
422	422	468	T+	-0.88526	-0.88526	4.091E-16
422	422	442	T-	0.88526	0.88526	1.907E-16
422	422	443	T-	0.88526	0.88526	6.019E-16
422	422	469	T-	0.88526	0.88526	4.210E-17
422	422	468	T-	0.88526	0.88526	-4.091E-16
422	422	442	W	0.	0.	0.
422	422	443	W	0.	0.	0.
422	422	469	W	0.	0.	0.
422	422	468	W	0.	0.	0.
422	422	442	Qm-1	0.	0.	0.
422	422	443	Qm-1	0.	0.	0.
422	422	469	Qm-1	0.	0.	0.
422	422	468	Qm-1	0.	0.	0.
422	422	442	Qm-2	0.	0.	0.
422	422	443	Qm-2	0.	0.	0.
422	422	469	Qm-2	0.	0.	0.
422	422	468	Qm-2	0.	0.	0.
423	423	443	DEAD	0.	0.	0.
423	423	444	DEAD	0.	0.	0.
423	423	470	DEAD	0.	0.	0.
423	423	469	DEAD	0.	0.	0.
423	423	443	G1	0.	0.	0.
423	423	444	G1	0.	0.	0.
423	423	470	G1	0.	0.	0.
423	423	469	G1	0.	0.	0.
423	423	443	G2	0.	0.	0.
423	423	444	G2	0.	0.	0.
423	423	470	G2	0.	0.	0.
423	423	469	G2	0.	0.	0.

Table 27: Element Forces - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	F11	F22	F12
				KN/mm	KN/mm	KN/mm
423	423	443	Qm	0.	0.	0.
423	423	444	Qm	0.	0.	0.
423	423	470	Qm	0.	0.	0.
423	423	469	Qm	0.	0.	0.
423	423	443	Qs	0.	0.	0.
423	423	444	Qs	0.	0.	0.
423	423	470	Qs	0.	0.	0.
423	423	469	Qs	0.	0.	0.
423	423	443	T+	-0.88526	-0.88526	-4.409E-17
423	423	444	T+	-0.88526	-0.88526	-2.785E-16
423	423	470	T+	-0.88526	-0.88526	-1.158E-16
423	423	469	T+	-0.88526	-0.88526	2.785E-16
423	423	443	T-	0.88526	0.88526	4.409E-17
423	423	444	T-	0.88526	0.88526	2.785E-16
423	423	470	T-	0.88526	0.88526	1.158E-16
423	423	469	T-	0.88526	0.88526	-2.785E-16
423	423	443	W	0.	0.	0.
423	423	444	W	0.	0.	0.
423	423	470	W	0.	0.	0.
423	423	469	W	0.	0.	0.
423	423	443	Qm-1	0.	0.	0.
423	423	444	Qm-1	0.	0.	0.
423	423	470	Qm-1	0.	0.	0.
423	423	469	Qm-1	0.	0.	0.
423	423	443	Qm-2	0.	0.	0.
423	423	444	Qm-2	0.	0.	0.
423	423	470	Qm-2	0.	0.	0.
423	423	469	Qm-2	0.	0.	0.
424	424	444	DEAD	0.	0.	0.
424	424	445	DEAD	0.	0.	0.
424	424	471	DEAD	0.	0.	0.
424	424	470	DEAD	0.	0.	0.
424	424	444	G1	0.	0.	0.
424	424	445	G1	0.	0.	0.
424	424	471	G1	0.	0.	0.
424	424	470	G1	0.	0.	0.
424	424	444	G2	0.	0.	0.
424	424	445	G2	0.	0.	0.
424	424	471	G2	0.	0.	0.
424	424	470	G2	0.	0.	0.
424	424	444	Qm	0.	0.	0.
424	424	445	Qm	0.	0.	0.
424	424	471	Qm	0.	0.	0.
424	424	470	Qm	0.	0.	0.
424	424	444	Qs	0.	0.	0.
424	424	445	Qs	0.	0.	0.
424	424	471	Qs	0.	0.	0.
424	424	470	Qs	0.	0.	0.
424	424	444	T+	-0.88526	-0.88526	-2.089E-16
424	424	445	T+	-0.88526	-0.88526	9.766E-16
424	424	471	T+	-0.88526	-0.88526	1.133E-16
424	424	470	T+	-0.88526	-0.88526	-1.032E-15
424	424	444	T-	0.88526	0.88526	2.089E-16
424	424	445	T-	0.88526	0.88526	-9.766E-16

Table 27: Element Forces - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	F11	F22	F12
				KN/mm	KN/mm	KN/mm
424	424	471	T-	0.88526	0.88526	-1.133E-16
424	424	470	T-	0.88526	0.88526	1.032E-15
424	424	444	W	0.	0.	0.
424	424	445	W	0.	0.	0.
424	424	471	W	0.	0.	0.
424	424	470	W	0.	0.	0.
424	424	444	Qm-1	0.	0.	0.
424	424	445	Qm-1	0.	0.	0.
424	424	471	Qm-1	0.	0.	0.
424	424	470	Qm-1	0.	0.	0.
424	424	444	Qm-2	0.	0.	0.
424	424	445	Qm-2	0.	0.	0.
424	424	471	Qm-2	0.	0.	0.
424	424	470	Qm-2	0.	0.	0.
425	425	445	DEAD	0.	0.	0.
425	425	446	DEAD	0.	0.	0.
425	425	472	DEAD	0.	0.	0.
425	425	471	DEAD	0.	0.	0.
425	425	445	G1	0.	0.	0.
425	425	446	G1	0.	0.	0.
425	425	472	G1	0.	0.	0.
425	425	471	G1	0.	0.	0.
425	425	445	G2	0.	0.	0.
425	425	446	G2	0.	0.	0.
425	425	472	G2	0.	0.	0.
425	425	471	G2	0.	0.	0.
425	425	445	Qm	0.	0.	0.
425	425	446	Qm	0.	0.	0.
425	425	472	Qm	0.	0.	0.
425	425	471	Qm	0.	0.	0.
425	425	445	Qs	0.	0.	0.
425	425	446	Qs	0.	0.	0.
425	425	472	Qs	0.	0.	0.
425	425	471	Qs	0.	0.	0.
425	425	445	T+	-0.88526	-0.88526	6.382E-17
425	425	446	T+	-0.88526	-0.88526	-2.013E-15
425	425	472	T+	-0.88526	-0.88526	-2.694E-16
425	425	471	T+	-0.88526	-0.88526	1.847E-15
425	425	445	T-	0.88526	0.88526	-6.382E-17
425	425	446	T-	0.88526	0.88526	2.013E-15
425	425	472	T-	0.88526	0.88526	2.694E-16
425	425	471	T-	0.88526	0.88526	-1.847E-15
425	425	445	W	0.	0.	0.
425	425	446	W	0.	0.	0.
425	425	472	W	0.	0.	0.
425	425	471	W	0.	0.	0.
425	425	445	Qm-1	0.	0.	0.
425	425	446	Qm-1	0.	0.	0.
425	425	472	Qm-1	0.	0.	0.
425	425	471	Qm-1	0.	0.	0.
425	425	445	Qm-2	0.	0.	0.
425	425	446	Qm-2	0.	0.	0.
425	425	472	Qm-2	0.	0.	0.
425	425	471	Qm-2	0.	0.	0.

Table 27: Element Forces - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	F11	F22	F12
				KN/mm	KN/mm	KN/mm
426	426	446	DEAD	0.	0.	0.
426	426	447	DEAD	0.	0.	0.
426	426	473	DEAD	0.	0.	0.
426	426	472	DEAD	0.	0.	0.
426	426	446	G1	0.	0.	0.
426	426	447	G1	0.	0.	0.
426	426	473	G1	0.	0.	0.
426	426	472	G1	0.	0.	0.
426	426	446	G2	0.	0.	0.
426	426	447	G2	0.	0.	0.
426	426	473	G2	0.	0.	0.
426	426	472	G2	0.	0.	0.
426	426	446	Qm	0.	0.	0.
426	426	447	Qm	0.	0.	0.
426	426	473	Qm	0.	0.	0.
426	426	472	Qm	0.	0.	0.
426	426	446	Qs	0.	0.	0.
426	426	447	Qs	0.	0.	0.
426	426	473	Qs	0.	0.	0.
426	426	472	Qs	0.	0.	0.
426	426	446	T+	-0.88526	-0.88526	-3.690E-16
426	426	447	T+	-0.88526	-0.88526	2.172E-16
426	426	473	T+	-0.88526	-0.88526	3.235E-16
426	426	472	T+	-0.88526	-0.88526	-2.227E-16
426	426	446	T-	0.88526	0.88526	3.690E-16
426	426	447	T-	0.88526	0.88526	-2.172E-16
426	426	473	T-	0.88526	0.88526	-3.235E-16
426	426	472	T-	0.88526	0.88526	2.227E-16
426	426	446	W	0.	0.	0.
426	426	447	W	0.	0.	0.
426	426	473	W	0.	0.	0.
426	426	472	W	0.	0.	0.
426	426	446	Qm-1	0.	0.	0.
426	426	447	Qm-1	0.	0.	0.
426	426	473	Qm-1	0.	0.	0.
426	426	472	Qm-1	0.	0.	0.
426	426	446	Qm-2	0.	0.	0.
426	426	447	Qm-2	0.	0.	0.
426	426	473	Qm-2	0.	0.	0.
426	426	472	Qm-2	0.	0.	0.
427	427	447	DEAD	0.	0.	0.
427	427	448	DEAD	0.	0.	0.
427	427	474	DEAD	0.	0.	0.
427	427	473	DEAD	0.	0.	0.
427	427	447	G1	0.	0.	0.
427	427	448	G1	0.	0.	0.
427	427	474	G1	0.	0.	0.
427	427	473	G1	0.	0.	0.
427	427	447	G2	0.	0.	0.
427	427	448	G2	0.	0.	0.
427	427	474	G2	0.	0.	0.
427	427	473	G2	0.	0.	0.
427	427	447	Qm	0.	0.	0.
427	427	448	Qm	0.	0.	0.

Table 27: Element Forces - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	F11	F22	F12
				KN/mm	KN/mm	KN/mm
427	427	474	Qm	0.	0.	0.
427	427	473	Qm	0.	0.	0.
427	427	447	Qs	0.	0.	0.
427	427	448	Qs	0.	0.	0.
427	427	474	Qs	0.	0.	0.
427	427	473	Qs	0.	0.	0.
427	427	447	T+	-0.88526	-0.88526	3.534E-16
427	427	448	T+	-0.88526	-0.88526	6.774E-16
427	427	474	T+	-0.88526	-0.88526	-3.400E-16
427	427	473	T+	-0.88526	-0.88526	-7.040E-16
427	427	447	T-	0.88526	0.88526	-3.534E-16
427	427	448	T-	0.88526	0.88526	-6.774E-16
427	427	474	T-	0.88526	0.88526	3.400E-16
427	427	473	T-	0.88526	0.88526	7.040E-16
427	427	447	W	0.	0.	0.
427	427	448	W	0.	0.	0.
427	427	474	W	0.	0.	0.
427	427	473	W	0.	0.	0.
427	427	447	Qm-1	0.	0.	0.
427	427	448	Qm-1	0.	0.	0.
427	427	474	Qm-1	0.	0.	0.
427	427	473	Qm-1	0.	0.	0.
427	427	447	Qm-2	0.	0.	0.
427	427	448	Qm-2	0.	0.	0.
427	427	474	Qm-2	0.	0.	0.
427	427	473	Qm-2	0.	0.	0.
428	428	449	DEAD	0.	0.	0.
428	428	450	DEAD	0.	0.	0.
428	428	476	DEAD	0.	0.	0.
428	428	475	DEAD	0.	0.	0.
428	428	449	G1	0.	0.	0.
428	428	450	G1	0.	0.	0.
428	428	476	G1	0.	0.	0.
428	428	475	G1	0.	0.	0.
428	428	449	G2	0.	0.	0.
428	428	450	G2	0.	0.	0.
428	428	476	G2	0.	0.	0.
428	428	475	G2	0.	0.	0.
428	428	449	Qm	0.	0.	0.
428	428	450	Qm	0.	0.	0.
428	428	476	Qm	0.	0.	0.
428	428	475	Qm	0.	0.	0.
428	428	449	Qs	0.	0.	0.
428	428	450	Qs	0.	0.	0.
428	428	476	Qs	0.	0.	0.
428	428	475	Qs	0.	0.	0.
428	428	449	T+	-0.88526	-0.88526	-5.338E-19
428	428	450	T+	-0.88526	-0.88526	-6.855E-16
428	428	476	T+	-0.88526	-0.88526	6.575E-17
428	428	475	T+	-0.88526	-0.88526	7.507E-16
428	428	449	T-	0.88526	0.88526	5.338E-19
428	428	450	T-	0.88526	0.88526	6.855E-16
428	428	476	T-	0.88526	0.88526	-6.575E-17
428	428	475	T-	0.88526	0.88526	-7.507E-16

Table 27: Element Forces - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	F11	F22	F12
				KN/mm	KN/mm	KN/mm
428	428	449	W	0.	0.	0.
428	428	450	W	0.	0.	0.
428	428	476	W	0.	0.	0.
428	428	475	W	0.	0.	0.
428	428	449	Qm-1	0.	0.	0.
428	428	450	Qm-1	0.	0.	0.
428	428	476	Qm-1	0.	0.	0.
428	428	475	Qm-1	0.	0.	0.
428	428	449	Qm-2	0.	0.	0.
428	428	450	Qm-2	0.	0.	0.
428	428	476	Qm-2	0.	0.	0.
428	428	475	Qm-2	0.	0.	0.
429	429	450	DEAD	0.	0.	0.
429	429	451	DEAD	0.	0.	0.
429	429	477	DEAD	0.	0.	0.
429	429	476	DEAD	0.	0.	0.
429	429	450	G1	0.	0.	0.
429	429	451	G1	0.	0.	0.
429	429	477	G1	0.	0.	0.
429	429	476	G1	0.	0.	0.
429	429	450	G2	0.	0.	0.
429	429	451	G2	0.	0.	0.
429	429	477	G2	0.	0.	0.
429	429	476	G2	0.	0.	0.
429	429	450	Qm	0.	0.	0.
429	429	451	Qm	0.	0.	0.
429	429	477	Qm	0.	0.	0.
429	429	476	Qm	0.	0.	0.
429	429	450	Qs	0.	0.	0.
429	429	451	Qs	0.	0.	0.
429	429	477	Qs	0.	0.	0.
429	429	476	Qs	0.	0.	0.
429	429	450	T+	-0.88526	-0.88526	-1.614E-17
429	429	451	T+	-0.88526	-0.88526	-6.849E-16
429	429	477	T+	-0.88526	-0.88526	9.324E-19
429	429	476	T+	-0.88526	-0.88526	7.097E-16
429	429	450	T-	0.88526	0.88526	1.614E-17
429	429	451	T-	0.88526	0.88526	6.849E-16
429	429	477	T-	0.88526	0.88526	-9.324E-19
429	429	476	T-	0.88526	0.88526	-7.097E-16
429	429	450	W	0.	0.	0.
429	429	451	W	0.	0.	0.
429	429	477	W	0.	0.	0.
429	429	476	W	0.	0.	0.
429	429	450	Qm-1	0.	0.	0.
429	429	451	Qm-1	0.	0.	0.
429	429	477	Qm-1	0.	0.	0.
429	429	476	Qm-1	0.	0.	0.
429	429	450	Qm-2	0.	0.	0.
429	429	451	Qm-2	0.	0.	0.
429	429	477	Qm-2	0.	0.	0.
429	429	476	Qm-2	0.	0.	0.
430	430	451	DEAD	0.	0.	0.
430	430	452	DEAD	0.	0.	0.

Table 27: Element Forces - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	F11	F22	F12
				KN/mm	KN/mm	KN/mm
430	430	478	DEAD	0.	0.	0.
430	430	477	DEAD	0.	0.	0.
430	430	451	G1	0.	0.	0.
430	430	452	G1	0.	0.	0.
430	430	478	G1	0.	0.	0.
430	430	477	G1	0.	0.	0.
430	430	451	G2	0.	0.	0.
430	430	452	G2	0.	0.	0.
430	430	478	G2	0.	0.	0.
430	430	477	G2	0.	0.	0.
430	430	451	Qm	0.	0.	0.
430	430	452	Qm	0.	0.	0.
430	430	478	Qm	0.	0.	0.
430	430	477	Qm	0.	0.	0.
430	430	451	Qs	0.	0.	0.
430	430	452	Qs	0.	0.	0.
430	430	478	Qs	0.	0.	0.
430	430	477	Qs	0.	0.	0.
430	430	451	T+	-0.88526	-0.88526	6.025E-17
430	430	452	T+	-0.88526	-0.88526	-9.522E-16
430	430	478	T+	-0.88526	-0.88526	6.973E-17
430	430	477	T+	-0.88526	-0.88526	1.122E-15
430	430	451	T-	0.88526	0.88526	-6.025E-17
430	430	452	T-	0.88526	0.88526	9.522E-16
430	430	478	T-	0.88526	0.88526	-6.973E-17
430	430	477	T-	0.88526	0.88526	-1.122E-15
430	430	451	W	0.	0.	0.
430	430	452	W	0.	0.	0.
430	430	478	W	0.	0.	0.
430	430	477	W	0.	0.	0.
430	430	451	Qm-1	0.	0.	0.
430	430	452	Qm-1	0.	0.	0.
430	430	478	Qm-1	0.	0.	0.
430	430	477	Qm-1	0.	0.	0.
430	430	451	Qm-2	0.	0.	0.
430	430	452	Qm-2	0.	0.	0.
430	430	478	Qm-2	0.	0.	0.
430	430	477	Qm-2	0.	0.	0.
431	431	452	DEAD	0.	0.	0.
431	431	453	DEAD	0.	0.	0.
431	431	479	DEAD	0.	0.	0.
431	431	478	DEAD	0.	0.	0.
431	431	452	G1	0.	0.	0.
431	431	453	G1	0.	0.	0.
431	431	479	G1	0.	0.	0.
431	431	478	G1	0.	0.	0.
431	431	452	G2	0.	0.	0.
431	431	453	G2	0.	0.	0.
431	431	479	G2	0.	0.	0.
431	431	478	G2	0.	0.	0.
431	431	452	Qm	0.	0.	0.
431	431	453	Qm	0.	0.	0.
431	431	479	Qm	0.	0.	0.
431	431	478	Qm	0.	0.	0.

Table 27: Element Forces - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	F11	F22	F12
				KN/mm	KN/mm	KN/mm
431	431	452	Qs	0.	0.	0.
431	431	453	Qs	0.	0.	0.
431	431	479	Qs	0.	0.	0.
431	431	478	Qs	0.	0.	0.
431	431	452	T+	-0.88526	-0.88526	-6.060E-17
431	431	453	T+	-0.88526	-0.88526	4.831E-16
431	431	479	T+	-0.88526	-0.88526	9.878E-17
431	431	478	T+	-0.88526	-0.88526	-4.050E-16
431	431	452	T-	0.88526	0.88526	6.060E-17
431	431	453	T-	0.88526	0.88526	-4.831E-16
431	431	479	T-	0.88526	0.88526	-9.878E-17
431	431	478	T-	0.88526	0.88526	4.050E-16
431	431	452	W	0.	0.	0.
431	431	453	W	0.	0.	0.
431	431	479	W	0.	0.	0.
431	431	478	W	0.	0.	0.
431	431	452	Qm-1	0.	0.	0.
431	431	453	Qm-1	0.	0.	0.
431	431	479	Qm-1	0.	0.	0.
431	431	478	Qm-1	0.	0.	0.
431	431	452	Qm-2	0.	0.	0.
431	431	453	Qm-2	0.	0.	0.
431	431	479	Qm-2	0.	0.	0.
431	431	478	Qm-2	0.	0.	0.
432	432	453	DEAD	0.	0.	0.
432	432	454	DEAD	0.	0.	0.
432	432	480	DEAD	0.	0.	0.
432	432	479	DEAD	0.	0.	0.
432	432	453	G1	0.	0.	0.
432	432	454	G1	0.	0.	0.
432	432	480	G1	0.	0.	0.
432	432	479	G1	0.	0.	0.
432	432	453	G2	0.	0.	0.
432	432	454	G2	0.	0.	0.
432	432	480	G2	0.	0.	0.
432	432	479	G2	0.	0.	0.
432	432	453	Qm	0.	0.	0.
432	432	454	Qm	0.	0.	0.
432	432	480	Qm	0.	0.	0.
432	432	479	Qm	0.	0.	0.
432	432	453	Qs	0.	0.	0.
432	432	454	Qs	0.	0.	0.
432	432	480	Qs	0.	0.	0.
432	432	479	Qs	0.	0.	0.
432	432	453	T+	-0.88526	-0.88526	2.005E-18
432	432	454	T+	-0.88526	-0.88526	-1.442E-17
432	432	480	T+	-0.88526	-0.88526	6.111E-17
432	432	479	T+	-0.88526	-0.88526	1.975E-16
432	432	453	T-	0.88526	0.88526	-2.005E-18
432	432	454	T-	0.88526	0.88526	1.442E-17
432	432	480	T-	0.88526	0.88526	-6.111E-17
432	432	479	T-	0.88526	0.88526	-1.975E-16
432	432	453	W	0.	0.	0.
432	432	454	W	0.	0.	0.

Table 27: Element Forces - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	F11	F22	F12
				KN/mm	KN/mm	KN/mm
432	432	480	W	0.	0.	0.
432	432	479	W	0.	0.	0.
432	432	453	Qm-1	0.	0.	0.
432	432	454	Qm-1	0.	0.	0.
432	432	480	Qm-1	0.	0.	0.
432	432	479	Qm-1	0.	0.	0.
432	432	453	Qm-2	0.	0.	0.
432	432	454	Qm-2	0.	0.	0.
432	432	480	Qm-2	0.	0.	0.
432	432	479	Qm-2	0.	0.	0.
433	433	454	DEAD	0.	0.	0.
433	433	455	DEAD	0.	0.	0.
433	433	481	DEAD	0.	0.	0.
433	433	480	DEAD	0.	0.	0.
433	433	454	G1	0.	0.	0.
433	433	455	G1	0.	0.	0.
433	433	481	G1	0.	0.	0.
433	433	480	G1	0.	0.	0.
433	433	454	G2	0.	0.	0.
433	433	455	G2	0.	0.	0.
433	433	481	G2	0.	0.	0.
433	433	480	G2	0.	0.	0.
433	433	454	Qm	0.	0.	0.
433	433	455	Qm	0.	0.	0.
433	433	481	Qm	0.	0.	0.
433	433	480	Qm	0.	0.	0.
433	433	454	Qs	0.	0.	0.
433	433	455	Qs	0.	0.	0.
433	433	481	Qs	0.	0.	0.
433	433	480	Qs	0.	0.	0.
433	433	454	T+	-0.88526	-0.88526	-2.372E-17
433	433	455	T+	-0.88526	-0.88526	-1.035E-16
433	433	481	T+	-0.88526	-0.88526	8.684E-17
433	433	480	T+	-0.88526	-0.88526	2.866E-16
433	433	454	T-	0.88526	0.88526	2.372E-17
433	433	455	T-	0.88526	0.88526	1.035E-16
433	433	481	T-	0.88526	0.88526	-8.684E-17
433	433	480	T-	0.88526	0.88526	-2.866E-16
433	433	454	W	0.	0.	0.
433	433	455	W	0.	0.	0.
433	433	481	W	0.	0.	0.
433	433	480	W	0.	0.	0.
433	433	454	Qm-1	0.	0.	0.
433	433	455	Qm-1	0.	0.	0.
433	433	481	Qm-1	0.	0.	0.
433	433	480	Qm-1	0.	0.	0.
433	433	454	Qm-2	0.	0.	0.
433	433	455	Qm-2	0.	0.	0.
433	433	481	Qm-2	0.	0.	0.
433	433	480	Qm-2	0.	0.	0.
434	434	455	DEAD	0.	0.	0.
434	434	456	DEAD	0.	0.	0.
434	434	482	DEAD	0.	0.	0.
434	434	481	DEAD	0.	0.	0.

Table 27: Element Forces - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	F11	F22	F12
				KN/mm	KN/mm	KN/mm
434	434	455	G1	0.	0.	0.
434	434	456	G1	0.	0.	0.
434	434	482	G1	0.	0.	0.
434	434	481	G1	0.	0.	0.
434	434	455	G2	0.	0.	0.
434	434	456	G2	0.	0.	0.
434	434	482	G2	0.	0.	0.
434	434	481	G2	0.	0.	0.
434	434	455	Qm	0.	0.	0.
434	434	456	Qm	0.	0.	0.
434	434	482	Qm	0.	0.	0.
434	434	481	Qm	0.	0.	0.
434	434	455	Qs	0.	0.	0.
434	434	456	Qs	0.	0.	0.
434	434	482	Qs	0.	0.	0.
434	434	481	Qs	0.	0.	0.
434	434	455	T+	-0.88526	-0.88526	4.536E-17
434	434	456	T+	-0.88526	-0.88526	-9.826E-17
434	434	482	T+	-0.88526	-0.88526	1.776E-17
434	434	481	T+	-0.88526	-0.88526	2.814E-16
434	434	455	T-	0.88526	0.88526	-4.536E-17
434	434	456	T-	0.88526	0.88526	9.826E-17
434	434	482	T-	0.88526	0.88526	-1.776E-17
434	434	481	T-	0.88526	0.88526	-2.814E-16
434	434	455	W	0.	0.	0.
434	434	456	W	0.	0.	0.
434	434	482	W	0.	0.	0.
434	434	481	W	0.	0.	0.
434	434	455	Qm-1	0.	0.	0.
434	434	456	Qm-1	0.	0.	0.
434	434	482	Qm-1	0.	0.	0.
434	434	481	Qm-1	0.	0.	0.
434	434	455	Qm-2	0.	0.	0.
434	434	456	Qm-2	0.	0.	0.
434	434	482	Qm-2	0.	0.	0.
434	434	481	Qm-2	0.	0.	0.
435	435	456	DEAD	0.	0.	0.
435	435	457	DEAD	0.	0.	0.
435	435	483	DEAD	0.	0.	0.
435	435	482	DEAD	0.	0.	0.
435	435	456	G1	0.	0.	0.
435	435	457	G1	0.	0.	0.
435	435	483	G1	0.	0.	0.
435	435	482	G1	0.	0.	0.
435	435	456	G2	0.	0.	0.
435	435	457	G2	0.	0.	0.
435	435	483	G2	0.	0.	0.
435	435	482	G2	0.	0.	0.
435	435	456	Qm	0.	0.	0.
435	435	457	Qm	0.	0.	0.
435	435	483	Qm	0.	0.	0.
435	435	482	Qm	0.	0.	0.
435	435	456	Qs	0.	0.	0.
435	435	457	Qs	0.	0.	0.

Table 27: Element Forces - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	F11	F22	F12
				KN/mm	KN/mm	KN/mm
435	435	483	Qs	0.	0.	0.
435	435	482	Qs	0.	0.	0.
435	435	456	T+	-0.88526	-0.88526	-6.904E-17
435	435	457	T+	-0.88526	-0.88526	-3.854E-16
435	435	483	T+	-0.88526	-0.88526	2.722E-16
435	435	482	T+	-0.88526	-0.88526	4.286E-16
435	435	456	T-	0.88526	0.88526	6.904E-17
435	435	457	T-	0.88526	0.88526	3.854E-16
435	435	483	T-	0.88526	0.88526	-2.722E-16
435	435	482	T-	0.88526	0.88526	-4.286E-16
435	435	456	W	0.	0.	0.
435	435	457	W	0.	0.	0.
435	435	483	W	0.	0.	0.
435	435	482	W	0.	0.	0.
435	435	456	Qm-1	0.	0.	0.
435	435	457	Qm-1	0.	0.	0.
435	435	483	Qm-1	0.	0.	0.
435	435	482	Qm-1	0.	0.	0.
435	435	456	Qm-2	0.	0.	0.
435	435	457	Qm-2	0.	0.	0.
435	435	483	Qm-2	0.	0.	0.
435	435	482	Qm-2	0.	0.	0.
436	436	457	DEAD	0.	0.	0.
436	436	458	DEAD	0.	0.	0.
436	436	484	DEAD	0.	0.	0.
436	436	483	DEAD	0.	0.	0.
436	436	457	G1	0.	0.	0.
436	436	458	G1	0.	0.	0.
436	436	484	G1	0.	0.	0.
436	436	483	G1	0.	0.	0.
436	436	457	G2	0.	0.	0.
436	436	458	G2	0.	0.	0.
436	436	484	G2	0.	0.	0.
436	436	483	G2	0.	0.	0.
436	436	457	Qm	0.	0.	0.
436	436	458	Qm	0.	0.	0.
436	436	484	Qm	0.	0.	0.
436	436	483	Qm	0.	0.	0.
436	436	457	Qs	0.	0.	0.
436	436	458	Qs	0.	0.	0.
436	436	484	Qs	0.	0.	0.
436	436	483	Qs	0.	0.	0.
436	436	457	T+	-0.88526	-0.88526	-3.817E-16
436	436	458	T+	-0.88526	-0.88526	-1.086E-15
436	436	484	T+	-0.88526	-0.88526	-1.025E-16
436	436	483	T+	-0.88526	-0.88526	6.422E-16
436	436	457	T-	0.88526	0.88526	3.817E-16
436	436	458	T-	0.88526	0.88526	1.086E-15
436	436	484	T-	0.88526	0.88526	1.025E-16
436	436	483	T-	0.88526	0.88526	-6.422E-16
436	436	457	W	0.	0.	0.
436	436	458	W	0.	0.	0.
436	436	484	W	0.	0.	0.
436	436	483	W	0.	0.	0.

Table 27: Element Forces - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	F11	F22	F12
				KN/mm	KN/mm	KN/mm
436	436	457	Qm-1	0.	0.	0.
436	436	458	Qm-1	0.	0.	0.
436	436	484	Qm-1	0.	0.	0.
436	436	483	Qm-1	0.	0.	0.
436	436	457	Qm-2	0.	0.	0.
436	436	458	Qm-2	0.	0.	0.
436	436	484	Qm-2	0.	0.	0.
436	436	483	Qm-2	0.	0.	0.
437	437	458	DEAD	0.	0.	0.
437	437	459	DEAD	0.	0.	0.
437	437	485	DEAD	0.	0.	0.
437	437	484	DEAD	0.	0.	0.
437	437	458	G1	0.	0.	0.
437	437	459	G1	0.	0.	0.
437	437	485	G1	0.	0.	0.
437	437	484	G1	0.	0.	0.
437	437	458	G2	0.	0.	0.
437	437	459	G2	0.	0.	0.
437	437	485	G2	0.	0.	0.
437	437	484	G2	0.	0.	0.
437	437	458	Qm	0.	0.	0.
437	437	459	Qm	0.	0.	0.
437	437	485	Qm	0.	0.	0.
437	437	484	Qm	0.	0.	0.
437	437	458	Qs	0.	0.	0.
437	437	459	Qs	0.	0.	0.
437	437	485	Qs	0.	0.	0.
437	437	484	Qs	0.	0.	0.
437	437	458	T+	-0.88526	-0.88526	-2.545E-17
437	437	459	T+	-0.88526	-0.88526	-2.564E-17
437	437	485	T+	-0.88526	-0.88526	8.857E-17
437	437	484	T+	-0.88526	-0.88526	2.087E-16
437	437	458	T-	0.88526	0.88526	2.545E-17
437	437	459	T-	0.88526	0.88526	2.564E-17
437	437	485	T-	0.88526	0.88526	-8.857E-17
437	437	484	T-	0.88526	0.88526	-2.087E-16
437	437	458	W	0.	0.	0.
437	437	459	W	0.	0.	0.
437	437	485	W	0.	0.	0.
437	437	484	W	0.	0.	0.
437	437	458	Qm-1	0.	0.	0.
437	437	459	Qm-1	0.	0.	0.
437	437	485	Qm-1	0.	0.	0.
437	437	484	Qm-1	0.	0.	0.
437	437	458	Qm-2	0.	0.	0.
437	437	459	Qm-2	0.	0.	0.
437	437	485	Qm-2	0.	0.	0.
437	437	484	Qm-2	0.	0.	0.
438	438	459	DEAD	0.	0.	0.
438	438	460	DEAD	0.	0.	0.
438	438	486	DEAD	0.	0.	0.
438	438	485	DEAD	0.	0.	0.
438	438	459	G1	0.	0.	0.
438	438	460	G1	0.	0.	0.

Table 27: Element Forces - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	F11	F22	F12
				KN/mm	KN/mm	KN/mm
438	438	486	G1	0.	0.	0.
438	438	485	G1	0.	0.	0.
438	438	459	G2	0.	0.	0.
438	438	460	G2	0.	0.	0.
438	438	486	G2	0.	0.	0.
438	438	485	G2	0.	0.	0.
438	438	459	Qm	0.	0.	0.
438	438	460	Qm	0.	0.	0.
438	438	486	Qm	0.	0.	0.
438	438	485	Qm	0.	0.	0.
438	438	459	Qs	0.	0.	0.
438	438	460	Qs	0.	0.	0.
438	438	486	Qs	0.	0.	0.
438	438	485	Qs	0.	0.	0.
438	438	459	T+	-0.88526	-0.88526	-1.878E-16
438	438	460	T+	-0.88526	-0.88526	-9.215E-17
438	438	486	T+	-0.88526	-0.88526	-5.588E-17
438	438	485	T+	-0.88526	-0.88526	-1.915E-16
438	438	459	T-	0.88526	0.88526	1.878E-16
438	438	460	T-	0.88526	0.88526	9.215E-17
438	438	486	T-	0.88526	0.88526	5.588E-17
438	438	485	T-	0.88526	0.88526	1.915E-16
438	438	459	W	0.	0.	0.
438	438	460	W	0.	0.	0.
438	438	486	W	0.	0.	0.
438	438	485	W	0.	0.	0.
438	438	459	Qm-1	0.	0.	0.
438	438	460	Qm-1	0.	0.	0.
438	438	486	Qm-1	0.	0.	0.
438	438	485	Qm-1	0.	0.	0.
438	438	459	Qm-2	0.	0.	0.
438	438	460	Qm-2	0.	0.	0.
438	438	486	Qm-2	0.	0.	0.
438	438	485	Qm-2	0.	0.	0.
439	439	460	DEAD	0.	0.	0.
439	439	461	DEAD	0.	0.	0.
439	439	487	DEAD	0.	0.	0.
439	439	486	DEAD	0.	0.	0.
439	439	460	G1	0.	0.	0.
439	439	461	G1	0.	0.	0.
439	439	487	G1	0.	0.	0.
439	439	486	G1	0.	0.	0.
439	439	460	G2	0.	0.	0.
439	439	461	G2	0.	0.	0.
439	439	487	G2	0.	0.	0.
439	439	486	G2	0.	0.	0.
439	439	460	Qm	0.	0.	0.
439	439	461	Qm	0.	0.	0.
439	439	487	Qm	0.	0.	0.
439	439	486	Qm	0.	0.	0.
439	439	460	Qs	0.	0.	0.
439	439	461	Qs	0.	0.	0.
439	439	487	Qs	0.	0.	0.
439	439	486	Qs	0.	0.	0.

Table 27: Element Forces - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	F11	F22	F12
				KN/mm	KN/mm	KN/mm
439	439	460	T+	-0.88526	-0.88526	-4.012E-16
439	439	461	T+	-0.88526	-0.88526	2.638E-16
439	439	487	T+	-0.88526	-0.88526	4.647E-16
439	439	486	T+	-0.88526	-0.88526	-3.603E-16
439	439	460	T-	0.88526	0.88526	4.012E-16
439	439	461	T-	0.88526	0.88526	-2.638E-16
439	439	487	T-	0.88526	0.88526	-4.647E-16
439	439	486	T-	0.88526	0.88526	3.603E-16
439	439	460	W	0.	0.	0.
439	439	461	W	0.	0.	0.
439	439	487	W	0.	0.	0.
439	439	486	W	0.	0.	0.
439	439	460	Qm-1	0.	0.	0.
439	439	461	Qm-1	0.	0.	0.
439	439	487	Qm-1	0.	0.	0.
439	439	486	Qm-1	0.	0.	0.
439	439	460	Qm-2	0.	0.	0.
439	439	461	Qm-2	0.	0.	0.
439	439	487	Qm-2	0.	0.	0.
439	439	486	Qm-2	0.	0.	0.
440	440	461	DEAD	0.	0.	0.
440	440	462	DEAD	0.	0.	0.
440	440	488	DEAD	0.	0.	0.
440	440	487	DEAD	0.	0.	0.
440	440	461	G1	0.	0.	0.
440	440	462	G1	0.	0.	0.
440	440	488	G1	0.	0.	0.
440	440	487	G1	0.	0.	0.
440	440	461	G2	0.	0.	0.
440	440	462	G2	0.	0.	0.
440	440	488	G2	0.	0.	0.
440	440	487	G2	0.	0.	0.
440	440	461	Qm	0.	0.	0.
440	440	462	Qm	0.	0.	0.
440	440	488	Qm	0.	0.	0.
440	440	487	Qm	0.	0.	0.
440	440	461	Qs	0.	0.	0.
440	440	462	Qs	0.	0.	0.
440	440	488	Qs	0.	0.	0.
440	440	487	Qs	0.	0.	0.
440	440	461	T+	-0.88526	-0.88526	9.510E-17
440	440	462	T+	-0.88526	-0.88526	1.596E-16
440	440	488	T+	-0.88526	-0.88526	-8.822E-17
440	440	487	T+	-0.88526	-0.88526	-1.527E-16
440	440	461	T-	0.88526	0.88526	-9.510E-17
440	440	462	T-	0.88526	0.88526	-1.596E-16
440	440	488	T-	0.88526	0.88526	8.822E-17
440	440	487	T-	0.88526	0.88526	1.527E-16
440	440	461	W	0.	0.	0.
440	440	462	W	0.	0.	0.
440	440	488	W	0.	0.	0.
440	440	487	W	0.	0.	0.
440	440	461	Qm-1	0.	0.	0.
440	440	462	Qm-1	0.	0.	0.

Table 27: Element Forces - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	F11	F22	F12
				KN/mm	KN/mm	KN/mm
440	440	488	Qm-1	0.	0.	0.
440	440	487	Qm-1	0.	0.	0.
440	440	461	Qm-2	0.	0.	0.
440	440	462	Qm-2	0.	0.	0.
440	440	488	Qm-2	0.	0.	0.
440	440	487	Qm-2	0.	0.	0.
441	441	462	DEAD	0.	0.	0.
441	441	463	DEAD	0.	0.	0.
441	441	489	DEAD	0.	0.	0.
441	441	488	DEAD	0.	0.	0.
441	441	462	G1	0.	0.	0.
441	441	463	G1	0.	0.	0.
441	441	489	G1	0.	0.	0.
441	441	488	G1	0.	0.	0.
441	441	462	G2	0.	0.	0.
441	441	463	G2	0.	0.	0.
441	441	489	G2	0.	0.	0.
441	441	488	G2	0.	0.	0.
441	441	462	Qm	0.	0.	0.
441	441	463	Qm	0.	0.	0.
441	441	489	Qm	0.	0.	0.
441	441	488	Qm	0.	0.	0.
441	441	462	Qs	0.	0.	0.
441	441	463	Qs	0.	0.	0.
441	441	489	Qs	0.	0.	0.
441	441	488	Qs	0.	0.	0.
441	441	462	T+	-0.88526	-0.88526	-1.776E-16
441	441	463	T+	-0.88526	-0.88526	1.935E-15
441	441	489	T+	-0.88526	-0.88526	1.124E-16
441	441	488	T+	-0.88526	-0.88526	-2.040E-15
441	441	462	T-	0.88526	0.88526	1.776E-16
441	441	463	T-	0.88526	0.88526	-1.935E-15
441	441	489	T-	0.88526	0.88526	-1.124E-16
441	441	488	T-	0.88526	0.88526	2.040E-15
441	441	462	W	0.	0.	0.
441	441	463	W	0.	0.	0.
441	441	489	W	0.	0.	0.
441	441	488	W	0.	0.	0.
441	441	462	Qm-1	0.	0.	0.
441	441	463	Qm-1	0.	0.	0.
441	441	489	Qm-1	0.	0.	0.
441	441	488	Qm-1	0.	0.	0.
441	441	462	Qm-2	0.	0.	0.
441	441	463	Qm-2	0.	0.	0.
441	441	489	Qm-2	0.	0.	0.
441	441	488	Qm-2	0.	0.	0.
442	442	463	DEAD	0.	0.	0.
442	442	464	DEAD	0.	0.	0.
442	442	490	DEAD	0.	0.	0.
442	442	489	DEAD	0.	0.	0.
442	442	463	G1	0.	0.	0.
442	442	464	G1	0.	0.	0.
442	442	490	G1	0.	0.	0.
442	442	489	G1	0.	0.	0.

Table 27: Element Forces - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	F11	F22	F12
				KN/mm	KN/mm	KN/mm
442	442	463	G2	0.	0.	0.
442	442	464	G2	0.	0.	0.
442	442	490	G2	0.	0.	0.
442	442	489	G2	0.	0.	0.
442	442	463	Qm	0.	0.	0.
442	442	464	Qm	0.	0.	0.
442	442	490	Qm	0.	0.	0.
442	442	489	Qm	0.	0.	0.
442	442	463	Qs	0.	0.	0.
442	442	464	Qs	0.	0.	0.
442	442	490	Qs	0.	0.	0.
442	442	489	Qs	0.	0.	0.
442	442	463	T+	-0.88526	-0.88526	3.039E-16
442	442	464	T+	-0.88526	-0.88526	-3.752E-16
442	442	490	T+	-0.88526	-0.88526	-2.406E-16
442	442	489	T+	-0.88526	-0.88526	4.385E-16
442	442	463	T-	0.88526	0.88526	-3.039E-16
442	442	464	T-	0.88526	0.88526	3.752E-16
442	442	490	T-	0.88526	0.88526	2.406E-16
442	442	489	T-	0.88526	0.88526	-4.385E-16
442	442	463	W	0.	0.	0.
442	442	464	W	0.	0.	0.
442	442	490	W	0.	0.	0.
442	442	489	W	0.	0.	0.
442	442	463	Qm-1	0.	0.	0.
442	442	464	Qm-1	0.	0.	0.
442	442	490	Qm-1	0.	0.	0.
442	442	489	Qm-1	0.	0.	0.
442	442	463	Qm-2	0.	0.	0.
442	442	464	Qm-2	0.	0.	0.
442	442	490	Qm-2	0.	0.	0.
442	442	489	Qm-2	0.	0.	0.
443	443	464	DEAD	0.	0.	0.
443	443	465	DEAD	0.	0.	0.
443	443	491	DEAD	0.	0.	0.
443	443	490	DEAD	0.	0.	0.
443	443	464	G1	0.	0.	0.
443	443	465	G1	0.	0.	0.
443	443	491	G1	0.	0.	0.
443	443	490	G1	0.	0.	0.
443	443	464	G2	0.	0.	0.
443	443	465	G2	0.	0.	0.
443	443	491	G2	0.	0.	0.
443	443	490	G2	0.	0.	0.
443	443	464	Qm	0.	0.	0.
443	443	465	Qm	0.	0.	0.
443	443	491	Qm	0.	0.	0.
443	443	490	Qm	0.	0.	0.
443	443	464	Qs	0.	0.	0.
443	443	465	Qs	0.	0.	0.
443	443	491	Qs	0.	0.	0.
443	443	490	Qs	0.	0.	0.
443	443	464	T+	-0.88526	-0.88526	-8.976E-17
443	443	465	T+	-0.88526	-0.88526	-5.932E-17

Table 27: Element Forces - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	F11	F22	F12
				KN/mm	KN/mm	KN/mm
443	443	491	T+	-0.88526	-0.88526	1.529E-16
443	443	490	T+	-0.88526	-0.88526	2.424E-16
443	443	464	T-	0.88526	0.88526	8.976E-17
443	443	465	T-	0.88526	0.88526	5.932E-17
443	443	491	T-	0.88526	0.88526	-1.529E-16
443	443	490	T-	0.88526	0.88526	-2.424E-16
443	443	464	W	0.	0.	0.
443	443	465	W	0.	0.	0.
443	443	491	W	0.	0.	0.
443	443	490	W	0.	0.	0.
443	443	464	Qm-1	0.	0.	0.
443	443	465	Qm-1	0.	0.	0.
443	443	491	Qm-1	0.	0.	0.
443	443	490	Qm-1	0.	0.	0.
443	443	464	Qm-2	0.	0.	0.
443	443	465	Qm-2	0.	0.	0.
443	443	491	Qm-2	0.	0.	0.
443	443	490	Qm-2	0.	0.	0.
444	444	465	DEAD	0.	0.	0.
444	444	466	DEAD	0.	0.	0.
444	444	492	DEAD	0.	0.	0.
444	444	491	DEAD	0.	0.	0.
444	444	465	G1	0.	0.	0.
444	444	466	G1	0.	0.	0.
444	444	492	G1	0.	0.	0.
444	444	491	G1	0.	0.	0.
444	444	465	G2	0.	0.	0.
444	444	466	G2	0.	0.	0.
444	444	492	G2	0.	0.	0.
444	444	491	G2	0.	0.	0.
444	444	465	Qm	0.	0.	0.
444	444	466	Qm	0.	0.	0.
444	444	492	Qm	0.	0.	0.
444	444	491	Qm	0.	0.	0.
444	444	465	Qs	0.	0.	0.
444	444	466	Qs	0.	0.	0.
444	444	492	Qs	0.	0.	0.
444	444	491	Qs	0.	0.	0.
444	444	465	T+	-0.88526	-0.88526	-7.783E-17
444	444	466	T+	-0.88526	-0.88526	-2.920E-16
444	444	492	T+	-0.88526	-0.88526	-2.263E-17
444	444	491	T+	-0.88526	-0.88526	2.715E-16
444	444	465	T-	0.88526	0.88526	7.783E-17
444	444	466	T-	0.88526	0.88526	2.920E-16
444	444	492	T-	0.88526	0.88526	2.263E-17
444	444	491	T-	0.88526	0.88526	-2.715E-16
444	444	465	W	0.	0.	0.
444	444	466	W	0.	0.	0.
444	444	492	W	0.	0.	0.
444	444	491	W	0.	0.	0.
444	444	465	Qm-1	0.	0.	0.
444	444	466	Qm-1	0.	0.	0.
444	444	492	Qm-1	0.	0.	0.
444	444	491	Qm-1	0.	0.	0.

Table 27: Element Forces - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	F11	F22	F12
				KN/mm	KN/mm	KN/mm
444	444	465	Qm-2	0.	0.	0.
444	444	466	Qm-2	0.	0.	0.
444	444	492	Qm-2	0.	0.	0.
444	444	491	Qm-2	0.	0.	0.
445	445	466	DEAD	0.	0.	0.
445	445	467	DEAD	0.	0.	0.
445	445	493	DEAD	0.	0.	0.
445	445	492	DEAD	0.	0.	0.
445	445	466	G1	0.	0.	0.
445	445	467	G1	0.	0.	0.
445	445	493	G1	0.	0.	0.
445	445	492	G1	0.	0.	0.
445	445	466	G2	0.	0.	0.
445	445	467	G2	0.	0.	0.
445	445	493	G2	0.	0.	0.
445	445	492	G2	0.	0.	0.
445	445	466	Qm	0.	0.	0.
445	445	467	Qm	0.	0.	0.
445	445	493	Qm	0.	0.	0.
445	445	492	Qm	0.	0.	0.
445	445	466	Qs	0.	0.	0.
445	445	467	Qs	0.	0.	0.
445	445	493	Qs	0.	0.	0.
445	445	492	Qs	0.	0.	0.
445	445	466	T+	-0.88526	-0.88526	-2.103E-16
445	445	467	T+	-0.88526	-0.88526	3.768E-16
445	445	493	T+	-0.88526	-0.88526	1.906E-16
445	445	492	T+	-0.88526	-0.88526	-1.964E-16
445	445	466	T-	0.88526	0.88526	2.103E-16
445	445	467	T-	0.88526	0.88526	-3.768E-16
445	445	493	T-	0.88526	0.88526	-1.906E-16
445	445	492	T-	0.88526	0.88526	1.964E-16
445	445	466	W	0.	0.	0.
445	445	467	W	0.	0.	0.
445	445	493	W	0.	0.	0.
445	445	492	W	0.	0.	0.
445	445	466	Qm-1	0.	0.	0.
445	445	467	Qm-1	0.	0.	0.
445	445	493	Qm-1	0.	0.	0.
445	445	492	Qm-1	0.	0.	0.
445	445	466	Qm-2	0.	0.	0.
445	445	467	Qm-2	0.	0.	0.
445	445	493	Qm-2	0.	0.	0.
445	445	492	Qm-2	0.	0.	0.
446	446	467	DEAD	0.	0.	0.
446	446	468	DEAD	0.	0.	0.
446	446	494	DEAD	0.	0.	0.
446	446	493	DEAD	0.	0.	0.
446	446	467	G1	0.	0.	0.
446	446	468	G1	0.	0.	0.
446	446	494	G1	0.	0.	0.
446	446	493	G1	0.	0.	0.
446	446	467	G2	0.	0.	0.
446	446	468	G2	0.	0.	0.

Table 27: Element Forces - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	F11	F22	F12
				KN/mm	KN/mm	KN/mm
446	446	494	G2	0.	0.	0.
446	446	493	G2	0.	0.	0.
446	446	467	Qm	0.	0.	0.
446	446	468	Qm	0.	0.	0.
446	446	494	Qm	0.	0.	0.
446	446	493	Qm	0.	0.	0.
446	446	467	Qs	0.	0.	0.
446	446	468	Qs	0.	0.	0.
446	446	494	Qs	0.	0.	0.
446	446	493	Qs	0.	0.	0.
446	446	467	T+	-0.88526	-0.88526	2.289E-16
446	446	468	T+	-0.88526	-0.88526	3.183E-16
446	446	494	T+	-0.88526	-0.88526	-1.136E-16
446	446	493	T+	-0.88526	-0.88526	-3.229E-16
446	446	467	T-	0.88526	0.88526	-2.289E-16
446	446	468	T-	0.88526	0.88526	-3.183E-16
446	446	494	T-	0.88526	0.88526	1.136E-16
446	446	493	T-	0.88526	0.88526	3.229E-16
446	446	467	W	0.	0.	0.
446	446	468	W	0.	0.	0.
446	446	494	W	0.	0.	0.
446	446	493	W	0.	0.	0.
446	446	467	Qm-1	0.	0.	0.
446	446	468	Qm-1	0.	0.	0.
446	446	494	Qm-1	0.	0.	0.
446	446	493	Qm-1	0.	0.	0.
446	446	467	Qm-2	0.	0.	0.
446	446	468	Qm-2	0.	0.	0.
446	446	494	Qm-2	0.	0.	0.
446	446	493	Qm-2	0.	0.	0.
447	447	468	DEAD	0.	0.	0.
447	447	469	DEAD	0.	0.	0.
447	447	495	DEAD	0.	0.	0.
447	447	494	DEAD	0.	0.	0.
447	447	468	G1	0.	0.	0.
447	447	469	G1	0.	0.	0.
447	447	495	G1	0.	0.	0.
447	447	494	G1	0.	0.	0.
447	447	468	G2	0.	0.	0.
447	447	469	G2	0.	0.	0.
447	447	495	G2	0.	0.	0.
447	447	494	G2	0.	0.	0.
447	447	468	Qm	0.	0.	0.
447	447	469	Qm	0.	0.	0.
447	447	495	Qm	0.	0.	0.
447	447	494	Qm	0.	0.	0.
447	447	468	Qs	0.	0.	0.
447	447	469	Qs	0.	0.	0.
447	447	495	Qs	0.	0.	0.
447	447	494	Qs	0.	0.	0.
447	447	468	T+	-0.88526	-0.88526	-1.063E-16
447	447	469	T+	-0.88526	-0.88526	-2.459E-16
447	447	495	T+	-0.88526	-0.88526	2.203E-17
447	447	494	T+	-0.88526	-0.88526	8.168E-17

Table 27: Element Forces - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	F11	F22	F12
				KN/mm	KN/mm	KN/mm
447	447	468	T-	0.88526	0.88526	1.063E-16
447	447	469	T-	0.88526	0.88526	2.459E-16
447	447	495	T-	0.88526	0.88526	-2.203E-17
447	447	494	T-	0.88526	0.88526	-8.168E-17
447	447	468	W	0.	0.	0.
447	447	469	W	0.	0.	0.
447	447	495	W	0.	0.	0.
447	447	494	W	0.	0.	0.
447	447	468	Qm-1	0.	0.	0.
447	447	469	Qm-1	0.	0.	0.
447	447	495	Qm-1	0.	0.	0.
447	447	494	Qm-1	0.	0.	0.
447	447	468	Qm-2	0.	0.	0.
447	447	469	Qm-2	0.	0.	0.
447	447	495	Qm-2	0.	0.	0.
447	447	494	Qm-2	0.	0.	0.
448	448	469	DEAD	0.	0.	0.
448	448	470	DEAD	0.	0.	0.
448	448	496	DEAD	0.	0.	0.
448	448	495	DEAD	0.	0.	0.
448	448	469	G1	0.	0.	0.
448	448	470	G1	0.	0.	0.
448	448	496	G1	0.	0.	0.
448	448	495	G1	0.	0.	0.
448	448	469	G2	0.	0.	0.
448	448	470	G2	0.	0.	0.
448	448	496	G2	0.	0.	0.
448	448	495	G2	0.	0.	0.
448	448	469	Qm	0.	0.	0.
448	448	470	Qm	0.	0.	0.
448	448	496	Qm	0.	0.	0.
448	448	495	Qm	0.	0.	0.
448	448	469	Qs	0.	0.	0.
448	448	470	Qs	0.	0.	0.
448	448	496	Qs	0.	0.	0.
448	448	495	Qs	0.	0.	0.
448	448	469	T+	-0.88526	-0.88526	-7.121E-17
448	448	470	T+	-0.88526	-0.88526	-6.249E-17
448	448	496	T+	-0.88526	-0.88526	-8.871E-17
448	448	495	T+	-0.88526	-0.88526	6.254E-17
448	448	469	T-	0.88526	0.88526	7.121E-17
448	448	470	T-	0.88526	0.88526	6.249E-17
448	448	496	T-	0.88526	0.88526	8.871E-17
448	448	495	T-	0.88526	0.88526	-6.254E-17
448	448	469	W	0.	0.	0.
448	448	470	W	0.	0.	0.
448	448	496	W	0.	0.	0.
448	448	495	W	0.	0.	0.
448	448	469	Qm-1	0.	0.	0.
448	448	470	Qm-1	0.	0.	0.
448	448	496	Qm-1	0.	0.	0.
448	448	495	Qm-1	0.	0.	0.
448	448	469	Qm-2	0.	0.	0.
448	448	470	Qm-2	0.	0.	0.

Table 27: Element Forces - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	F11	F22	F12
				KN/mm	KN/mm	KN/mm
448	448	496	Qm-2	0.	0.	0.
448	448	495	Qm-2	0.	0.	0.
449	449	470	DEAD	0.	0.	0.
449	449	471	DEAD	0.	0.	0.
449	449	497	DEAD	0.	0.	0.
449	449	496	DEAD	0.	0.	0.
449	449	470	G1	0.	0.	0.
449	449	471	G1	0.	0.	0.
449	449	497	G1	0.	0.	0.
449	449	496	G1	0.	0.	0.
449	449	470	G2	0.	0.	0.
449	449	471	G2	0.	0.	0.
449	449	497	G2	0.	0.	0.
449	449	496	G2	0.	0.	0.
449	449	470	Qm	0.	0.	0.
449	449	471	Qm	0.	0.	0.
449	449	497	Qm	0.	0.	0.
449	449	496	Qm	0.	0.	0.
449	449	470	Qs	0.	0.	0.
449	449	471	Qs	0.	0.	0.
449	449	497	Qs	0.	0.	0.
449	449	496	Qs	0.	0.	0.
449	449	470	T+	-0.88526	-0.88526	-2.623E-16
449	449	471	T+	-0.88526	-0.88526	-6.544E-17
449	449	497	T+	-0.88526	-0.88526	4.483E-17
449	449	496	T+	-0.88526	-0.88526	-1.120E-16
449	449	470	T-	0.88526	0.88526	2.623E-16
449	449	471	T-	0.88526	0.88526	6.544E-17
449	449	497	T-	0.88526	0.88526	-4.483E-17
449	449	496	T-	0.88526	0.88526	1.120E-16
449	449	470	W	0.	0.	0.
449	449	471	W	0.	0.	0.
449	449	497	W	0.	0.	0.
449	449	496	W	0.	0.	0.
449	449	470	Qm-1	0.	0.	0.
449	449	471	Qm-1	0.	0.	0.
449	449	497	Qm-1	0.	0.	0.
449	449	496	Qm-1	0.	0.	0.
449	449	470	Qm-2	0.	0.	0.
449	449	471	Qm-2	0.	0.	0.
449	449	497	Qm-2	0.	0.	0.
449	449	496	Qm-2	0.	0.	0.
450	450	471	DEAD	0.	0.	0.
450	450	472	DEAD	0.	0.	0.
450	450	498	DEAD	0.	0.	0.
450	450	497	DEAD	0.	0.	0.
450	450	471	G1	0.	0.	0.
450	450	472	G1	0.	0.	0.
450	450	498	G1	0.	0.	0.
450	450	497	G1	0.	0.	0.
450	450	471	G2	0.	0.	0.
450	450	472	G2	0.	0.	0.
450	450	498	G2	0.	0.	0.
450	450	497	G2	0.	0.	0.

Table 27: Element Forces - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	F11	F22	F12
				KN/mm	KN/mm	KN/mm
450	450	471	Qm	0.	0.	0.
450	450	472	Qm	0.	0.	0.
450	450	498	Qm	0.	0.	0.
450	450	497	Qm	0.	0.	0.
450	450	471	Qs	0.	0.	0.
450	450	472	Qs	0.	0.	0.
450	450	498	Qs	0.	0.	0.
450	450	497	Qs	0.	0.	0.
450	450	471	T+	-0.88526	-0.88526	-2.186E-16
450	450	472	T+	-0.88526	-0.88526	1.972E-15
450	450	498	T+	-0.88526	-0.88526	5.581E-17
450	450	497	T+	-0.88526	-0.88526	-2.014E-15
450	450	471	T-	0.88526	0.88526	2.186E-16
450	450	472	T-	0.88526	0.88526	-1.972E-15
450	450	498	T-	0.88526	0.88526	-5.581E-17
450	450	497	T-	0.88526	0.88526	2.014E-15
450	450	471	W	0.	0.	0.
450	450	472	W	0.	0.	0.
450	450	498	W	0.	0.	0.
450	450	497	W	0.	0.	0.
450	450	471	Qm-1	0.	0.	0.
450	450	472	Qm-1	0.	0.	0.
450	450	498	Qm-1	0.	0.	0.
450	450	497	Qm-1	0.	0.	0.
450	450	471	Qm-2	0.	0.	0.
450	450	472	Qm-2	0.	0.	0.
450	450	498	Qm-2	0.	0.	0.
450	450	497	Qm-2	0.	0.	0.
451	451	472	DEAD	0.	0.	0.
451	451	473	DEAD	0.	0.	0.
451	451	499	DEAD	0.	0.	0.
451	451	498	DEAD	0.	0.	0.
451	451	472	G1	0.	0.	0.
451	451	473	G1	0.	0.	0.
451	451	499	G1	0.	0.	0.
451	451	498	G1	0.	0.	0.
451	451	472	G2	0.	0.	0.
451	451	473	G2	0.	0.	0.
451	451	499	G2	0.	0.	0.
451	451	498	G2	0.	0.	0.
451	451	472	Qm	0.	0.	0.
451	451	473	Qm	0.	0.	0.
451	451	499	Qm	0.	0.	0.
451	451	498	Qm	0.	0.	0.
451	451	472	Qs	0.	0.	0.
451	451	473	Qs	0.	0.	0.
451	451	499	Qs	0.	0.	0.
451	451	498	Qs	0.	0.	0.
451	451	472	T+	-0.88526	-0.88526	-1.702E-17
451	451	473	T+	-0.88526	-0.88526	-2.895E-18
451	451	499	T+	-0.88526	-0.88526	8.153E-17
451	451	498	T+	-0.88526	-0.88526	-9.256E-17
451	451	472	T-	0.88526	0.88526	1.702E-17
451	451	473	T-	0.88526	0.88526	2.895E-18

Table 27: Element Forces - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	F11	F22	F12
				KN/mm	KN/mm	KN/mm
451	451	499	T-	0.88526	0.88526	-8.153E-17
451	451	498	T-	0.88526	0.88526	9.256E-17
451	451	472	W	0.	0.	0.
451	451	473	W	0.	0.	0.
451	451	499	W	0.	0.	0.
451	451	498	W	0.	0.	0.
451	451	472	Qm-1	0.	0.	0.
451	451	473	Qm-1	0.	0.	0.
451	451	499	Qm-1	0.	0.	0.
451	451	498	Qm-1	0.	0.	0.
451	451	472	Qm-2	0.	0.	0.
451	451	473	Qm-2	0.	0.	0.
451	451	499	Qm-2	0.	0.	0.
451	451	498	Qm-2	0.	0.	0.
452	452	473	DEAD	0.	0.	0.
452	452	474	DEAD	0.	0.	0.
452	452	500	DEAD	0.	0.	0.
452	452	499	DEAD	0.	0.	0.
452	452	473	G1	0.	0.	0.
452	452	474	G1	0.	0.	0.
452	452	500	G1	0.	0.	0.
452	452	499	G1	0.	0.	0.
452	452	473	G2	0.	0.	0.
452	452	474	G2	0.	0.	0.
452	452	500	G2	0.	0.	0.
452	452	499	G2	0.	0.	0.
452	452	473	Qm	0.	0.	0.
452	452	474	Qm	0.	0.	0.
452	452	500	Qm	0.	0.	0.
452	452	499	Qm	0.	0.	0.
452	452	473	Qs	0.	0.	0.
452	452	474	Qs	0.	0.	0.
452	452	500	Qs	0.	0.	0.
452	452	499	Qs	0.	0.	0.
452	452	473	T+	-0.88526	-0.88526	-3.098E-16
452	452	474	T+	-0.88526	-0.88526	1.416E-16
452	452	500	T+	-0.88526	-0.88526	1.897E-16
452	452	499	T+	-0.88526	-0.88526	-2.218E-16
452	452	473	T-	0.88526	0.88526	3.098E-16
452	452	474	T-	0.88526	0.88526	-1.416E-16
452	452	500	T-	0.88526	0.88526	-1.897E-16
452	452	499	T-	0.88526	0.88526	2.218E-16
452	452	473	W	0.	0.	0.
452	452	474	W	0.	0.	0.
452	452	500	W	0.	0.	0.
452	452	499	W	0.	0.	0.
452	452	473	Qm-1	0.	0.	0.
452	452	474	Qm-1	0.	0.	0.
452	452	500	Qm-1	0.	0.	0.
452	452	499	Qm-1	0.	0.	0.
452	452	473	Qm-2	0.	0.	0.
452	452	474	Qm-2	0.	0.	0.
452	452	500	Qm-2	0.	0.	0.
452	452	499	Qm-2	0.	0.	0.

Table 27: Element Forces - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	F11	F22	F12
				KN/mm	KN/mm	KN/mm
453	453	475	DEAD	0.	0.	0.
453	453	476	DEAD	0.	0.	0.
453	453	502	DEAD	0.	0.	0.
453	453	501	DEAD	0.	0.	0.
453	453	475	G1	0.	0.	0.
453	453	476	G1	0.	0.	0.
453	453	502	G1	0.	0.	0.
453	453	501	G1	0.	0.	0.
453	453	475	G2	0.	0.	0.
453	453	476	G2	0.	0.	0.
453	453	502	G2	0.	0.	0.
453	453	501	G2	0.	0.	0.
453	453	475	Qm	0.	0.	0.
453	453	476	Qm	0.	0.	0.
453	453	502	Qm	0.	0.	0.
453	453	501	Qm	0.	0.	0.
453	453	475	Qs	0.	0.	0.
453	453	476	Qs	0.	0.	0.
453	453	502	Qs	0.	0.	0.
453	453	501	Qs	0.	0.	0.
453	453	475	T+	-0.88526	-0.88526	-2.370E-16
453	453	476	T+	-0.88526	-0.88526	-3.566E-16
453	453	502	T+	-0.88526	-0.88526	3.058E-16
453	453	501	T+	-0.88526	-0.88526	4.254E-16
453	453	475	T-	0.88526	0.88526	2.370E-16
453	453	476	T-	0.88526	0.88526	3.566E-16
453	453	502	T-	0.88526	0.88526	-3.058E-16
453	453	501	T-	0.88526	0.88526	-4.254E-16
453	453	475	W	0.	0.	0.
453	453	476	W	0.	0.	0.
453	453	502	W	0.	0.	0.
453	453	501	W	0.	0.	0.
453	453	475	Qm-1	0.	0.	0.
453	453	476	Qm-1	0.	0.	0.
453	453	502	Qm-1	0.	0.	0.
453	453	501	Qm-1	0.	0.	0.
453	453	475	Qm-2	0.	0.	0.
453	453	476	Qm-2	0.	0.	0.
453	453	502	Qm-2	0.	0.	0.
453	453	501	Qm-2	0.	0.	0.
454	454	476	DEAD	0.	0.	0.
454	454	477	DEAD	0.	0.	0.
454	454	503	DEAD	0.	0.	0.
454	454	502	DEAD	0.	0.	0.
454	454	476	G1	0.	0.	0.
454	454	477	G1	0.	0.	0.
454	454	503	G1	0.	0.	0.
454	454	502	G1	0.	0.	0.
454	454	476	G2	0.	0.	0.
454	454	477	G2	0.	0.	0.
454	454	503	G2	0.	0.	0.
454	454	502	G2	0.	0.	0.
454	454	476	Qm	0.	0.	0.
454	454	477	Qm	0.	0.	0.

Table 27: Element Forces - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	F11	F22	F12
				KN/mm	KN/mm	KN/mm
454	454	503	Qm	0.	0.	0.
454	454	502	Qm	0.	0.	0.
454	454	476	Qs	0.	0.	0.
454	454	477	Qs	0.	0.	0.
454	454	503	Qs	0.	0.	0.
454	454	502	Qs	0.	0.	0.
454	454	476	T+	-0.88526	-0.88526	-1.010E-16
454	454	477	T+	-0.88526	-0.88526	-1.041E-15
454	454	503	T+	-0.88526	-0.88526	7.888E-17
454	454	502	T+	-0.88526	-0.88526	1.019E-15
454	454	476	T-	0.88526	0.88526	1.010E-16
454	454	477	T-	0.88526	0.88526	1.041E-15
454	454	503	T-	0.88526	0.88526	-7.888E-17
454	454	502	T-	0.88526	0.88526	-1.019E-15
454	454	476	W	0.	0.	0.
454	454	477	W	0.	0.	0.
454	454	503	W	0.	0.	0.
454	454	502	W	0.	0.	0.
454	454	476	Qm-1	0.	0.	0.
454	454	477	Qm-1	0.	0.	0.
454	454	503	Qm-1	0.	0.	0.
454	454	502	Qm-1	0.	0.	0.
454	454	476	Qm-2	0.	0.	0.
454	454	477	Qm-2	0.	0.	0.
454	454	503	Qm-2	0.	0.	0.
454	454	502	Qm-2	0.	0.	0.
455	455	477	DEAD	0.	0.	0.
455	455	478	DEAD	0.	0.	0.
455	455	504	DEAD	0.	0.	0.
455	455	503	DEAD	0.	0.	0.
455	455	477	G1	0.	0.	0.
455	455	478	G1	0.	0.	0.
455	455	504	G1	0.	0.	0.
455	455	503	G1	0.	0.	0.
455	455	477	G2	0.	0.	0.
455	455	478	G2	0.	0.	0.
455	455	504	G2	0.	0.	0.
455	455	503	G2	0.	0.	0.
455	455	477	Qm	0.	0.	0.
455	455	478	Qm	0.	0.	0.
455	455	504	Qm	0.	0.	0.
455	455	503	Qm	0.	0.	0.
455	455	477	Qs	0.	0.	0.
455	455	478	Qs	0.	0.	0.
455	455	504	Qs	0.	0.	0.
455	455	503	Qs	0.	0.	0.
455	455	477	T+	-0.88526	-0.88526	-2.360E-17
455	455	478	T+	-0.88526	-0.88526	-2.649E-17
455	455	504	T+	-0.88526	-0.88526	-4.069E-18
455	455	503	T+	-0.88526	-0.88526	-1.177E-18
455	455	477	T-	0.88526	0.88526	2.360E-17
455	455	478	T-	0.88526	0.88526	2.649E-17
455	455	504	T-	0.88526	0.88526	4.069E-18
455	455	503	T-	0.88526	0.88526	1.177E-18

Table 27: Element Forces - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	F11	F22	F12
				KN/mm	KN/mm	KN/mm
455	455	477	W	0.	0.	0.
455	455	478	W	0.	0.	0.
455	455	504	W	0.	0.	0.
455	455	503	W	0.	0.	0.
455	455	477	Qm-1	0.	0.	0.
455	455	478	Qm-1	0.	0.	0.
455	455	504	Qm-1	0.	0.	0.
455	455	503	Qm-1	0.	0.	0.
455	455	477	Qm-2	0.	0.	0.
455	455	478	Qm-2	0.	0.	0.
455	455	504	Qm-2	0.	0.	0.
455	455	503	Qm-2	0.	0.	0.
456	456	478	DEAD	0.	0.	0.
456	456	479	DEAD	0.	0.	0.
456	456	505	DEAD	0.	0.	0.
456	456	504	DEAD	0.	0.	0.
456	456	478	G1	0.	0.	0.
456	456	479	G1	0.	0.	0.
456	456	505	G1	0.	0.	0.
456	456	504	G1	0.	0.	0.
456	456	478	G2	0.	0.	0.
456	456	479	G2	0.	0.	0.
456	456	505	G2	0.	0.	0.
456	456	504	G2	0.	0.	0.
456	456	478	Qm	0.	0.	0.
456	456	479	Qm	0.	0.	0.
456	456	505	Qm	0.	0.	0.
456	456	504	Qm	0.	0.	0.
456	456	478	Qs	0.	0.	0.
456	456	479	Qs	0.	0.	0.
456	456	505	Qs	0.	0.	0.
456	456	504	Qs	0.	0.	0.
456	456	478	T+	-0.88526	-0.88526	4.878E-17
456	456	479	T+	-0.88526	-0.88526	2.386E-16
456	456	505	T+	-0.88526	-0.88526	-1.462E-16
456	456	504	T+	-0.88526	-0.88526	-1.761E-16
456	456	478	T-	0.88526	0.88526	-4.878E-17
456	456	479	T-	0.88526	0.88526	-2.386E-16
456	456	505	T-	0.88526	0.88526	1.462E-16
456	456	504	T-	0.88526	0.88526	1.761E-16
456	456	478	W	0.	0.	0.
456	456	479	W	0.	0.	0.
456	456	505	W	0.	0.	0.
456	456	504	W	0.	0.	0.
456	456	478	Qm-1	0.	0.	0.
456	456	479	Qm-1	0.	0.	0.
456	456	505	Qm-1	0.	0.	0.
456	456	504	Qm-1	0.	0.	0.
456	456	478	Qm-2	0.	0.	0.
456	456	479	Qm-2	0.	0.	0.
456	456	505	Qm-2	0.	0.	0.
456	456	504	Qm-2	0.	0.	0.
457	457	479	DEAD	0.	0.	0.
457	457	480	DEAD	0.	0.	0.

Table 27: Element Forces - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	F11	F22	F12
				KN/mm	KN/mm	KN/mm
457	457	506	DEAD	0.	0.	0.
457	457	505	DEAD	0.	0.	0.
457	457	479	G1	0.	0.	0.
457	457	480	G1	0.	0.	0.
457	457	506	G1	0.	0.	0.
457	457	505	G1	0.	0.	0.
457	457	479	G2	0.	0.	0.
457	457	480	G2	0.	0.	0.
457	457	506	G2	0.	0.	0.
457	457	505	G2	0.	0.	0.
457	457	479	Qm	0.	0.	0.
457	457	480	Qm	0.	0.	0.
457	457	506	Qm	0.	0.	0.
457	457	505	Qm	0.	0.	0.
457	457	479	Qs	0.	0.	0.
457	457	480	Qs	0.	0.	0.
457	457	506	Qs	0.	0.	0.
457	457	505	Qs	0.	0.	0.
457	457	479	T+	-0.88526	-0.88526	-5.454E-16
457	457	480	T+	-0.88526	-0.88526	-1.487E-16
457	457	506	T+	-0.88526	-0.88526	2.818E-16
457	457	505	T+	-0.88526	-0.88526	-1.149E-16
457	457	479	T-	0.88526	0.88526	5.454E-16
457	457	480	T-	0.88526	0.88526	1.487E-16
457	457	506	T-	0.88526	0.88526	-2.818E-16
457	457	505	T-	0.88526	0.88526	1.149E-16
457	457	479	W	0.	0.	0.
457	457	480	W	0.	0.	0.
457	457	506	W	0.	0.	0.
457	457	505	W	0.	0.	0.
457	457	479	Qm-1	0.	0.	0.
457	457	480	Qm-1	0.	0.	0.
457	457	506	Qm-1	0.	0.	0.
457	457	505	Qm-1	0.	0.	0.
457	457	479	Qm-2	0.	0.	0.
457	457	480	Qm-2	0.	0.	0.
457	457	506	Qm-2	0.	0.	0.
457	457	505	Qm-2	0.	0.	0.
458	458	480	DEAD	0.	0.	0.
458	458	481	DEAD	0.	0.	0.
458	458	507	DEAD	0.	0.	0.
458	458	506	DEAD	0.	0.	0.
458	458	480	G1	0.	0.	0.
458	458	481	G1	0.	0.	0.
458	458	507	G1	0.	0.	0.
458	458	506	G1	0.	0.	0.
458	458	480	G2	0.	0.	0.
458	458	481	G2	0.	0.	0.
458	458	507	G2	0.	0.	0.
458	458	506	G2	0.	0.	0.
458	458	480	Qm	0.	0.	0.
458	458	481	Qm	0.	0.	0.
458	458	507	Qm	0.	0.	0.
458	458	506	Qm	0.	0.	0.

Table 27: Element Forces - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	F11	F22	F12
				KN/mm	KN/mm	KN/mm
458	458	480	Qs	0.	0.	0.
458	458	481	Qs	0.	0.	0.
458	458	507	Qs	0.	0.	0.
458	458	506	Qs	0.	0.	0.
458	458	480	T+	-0.88526	-0.88526	-6.149E-17
458	458	481	T+	-0.88526	-0.88526	6.809E-16
458	458	507	T+	-0.88526	-0.88526	-2.378E-17
458	458	506	T+	-0.88526	-0.88526	-7.662E-16
458	458	480	T-	0.88526	0.88526	6.149E-17
458	458	481	T-	0.88526	0.88526	-6.809E-16
458	458	507	T-	0.88526	0.88526	2.378E-17
458	458	506	T-	0.88526	0.88526	7.662E-16
458	458	480	W	0.	0.	0.
458	458	481	W	0.	0.	0.
458	458	507	W	0.	0.	0.
458	458	506	W	0.	0.	0.
458	458	480	Qm-1	0.	0.	0.
458	458	481	Qm-1	0.	0.	0.
458	458	507	Qm-1	0.	0.	0.
458	458	506	Qm-1	0.	0.	0.
458	458	480	Qm-2	0.	0.	0.
458	458	481	Qm-2	0.	0.	0.
458	458	507	Qm-2	0.	0.	0.
458	458	506	Qm-2	0.	0.	0.
459	459	481	DEAD	0.	0.	0.
459	459	482	DEAD	0.	0.	0.
459	459	508	DEAD	0.	0.	0.
459	459	507	DEAD	0.	0.	0.
459	459	481	G1	0.	0.	0.
459	459	482	G1	0.	0.	0.
459	459	508	G1	0.	0.	0.
459	459	507	G1	0.	0.	0.
459	459	481	G2	0.	0.	0.
459	459	482	G2	0.	0.	0.
459	459	508	G2	0.	0.	0.
459	459	507	G2	0.	0.	0.
459	459	481	Qm	0.	0.	0.
459	459	482	Qm	0.	0.	0.
459	459	508	Qm	0.	0.	0.
459	459	507	Qm	0.	0.	0.
459	459	481	Qs	0.	0.	0.
459	459	482	Qs	0.	0.	0.
459	459	508	Qs	0.	0.	0.
459	459	507	Qs	0.	0.	0.
459	459	481	T+	-0.88526	-0.88526	-8.731E-17
459	459	482	T+	-0.88526	-0.88526	-4.453E-17
459	459	508	T+	-0.88526	-0.88526	1.504E-16
459	459	507	T+	-0.88526	-0.88526	2.276E-16
459	459	481	T-	0.88526	0.88526	8.731E-17
459	459	482	T-	0.88526	0.88526	4.453E-17
459	459	508	T-	0.88526	0.88526	-1.504E-16
459	459	507	T-	0.88526	0.88526	-2.276E-16
459	459	481	W	0.	0.	0.
459	459	482	W	0.	0.	0.

Table 27: Element Forces - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	F11	F22	F12
				KN/mm	KN/mm	KN/mm
459	459	508	W	0.	0.	0.
459	459	507	W	0.	0.	0.
459	459	481	Qm-1	0.	0.	0.
459	459	482	Qm-1	0.	0.	0.
459	459	508	Qm-1	0.	0.	0.
459	459	507	Qm-1	0.	0.	0.
459	459	481	Qm-2	0.	0.	0.
459	459	482	Qm-2	0.	0.	0.
459	459	508	Qm-2	0.	0.	0.
459	459	507	Qm-2	0.	0.	0.
460	460	482	DEAD	0.	0.	0.
460	460	483	DEAD	0.	0.	0.
460	460	509	DEAD	0.	0.	0.
460	460	508	DEAD	0.	0.	0.
460	460	482	G1	0.	0.	0.
460	460	483	G1	0.	0.	0.
460	460	509	G1	0.	0.	0.
460	460	508	G1	0.	0.	0.
460	460	482	G2	0.	0.	0.
460	460	483	G2	0.	0.	0.
460	460	509	G2	0.	0.	0.
460	460	508	G2	0.	0.	0.
460	460	482	Qm	0.	0.	0.
460	460	483	Qm	0.	0.	0.
460	460	509	Qm	0.	0.	0.
460	460	508	Qm	0.	0.	0.
460	460	482	Qs	0.	0.	0.
460	460	483	Qs	0.	0.	0.
460	460	509	Qs	0.	0.	0.
460	460	508	Qs	0.	0.	0.
460	460	482	T+	-0.88526	-0.88526	1.671E-16
460	460	483	T+	-0.88526	-0.88526	5.058E-16
460	460	509	T+	-0.88526	-0.88526	-1.590E-16
460	460	508	T+	-0.88526	-0.88526	-4.577E-16
460	460	482	T-	0.88526	0.88526	-1.671E-16
460	460	483	T-	0.88526	0.88526	-5.058E-16
460	460	509	T-	0.88526	0.88526	1.590E-16
460	460	508	T-	0.88526	0.88526	4.577E-16
460	460	482	W	0.	0.	0.
460	460	483	W	0.	0.	0.
460	460	509	W	0.	0.	0.
460	460	508	W	0.	0.	0.
460	460	482	Qm-1	0.	0.	0.
460	460	483	Qm-1	0.	0.	0.
460	460	509	Qm-1	0.	0.	0.
460	460	508	Qm-1	0.	0.	0.
460	460	482	Qm-2	0.	0.	0.
460	460	483	Qm-2	0.	0.	0.
460	460	509	Qm-2	0.	0.	0.
460	460	508	Qm-2	0.	0.	0.
461	461	483	DEAD	0.	0.	0.
461	461	484	DEAD	0.	0.	0.
461	461	510	DEAD	0.	0.	0.
461	461	509	DEAD	0.	0.	0.

Table 27: Element Forces - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	F11	F22	F12
				KN/mm	KN/mm	KN/mm
461	461	483	G1	0.	0.	0.
461	461	484	G1	0.	0.	0.
461	461	510	G1	0.	0.	0.
461	461	509	G1	0.	0.	0.
461	461	483	G2	0.	0.	0.
461	461	484	G2	0.	0.	0.
461	461	510	G2	0.	0.	0.
461	461	509	G2	0.	0.	0.
461	461	483	Qm	0.	0.	0.
461	461	484	Qm	0.	0.	0.
461	461	510	Qm	0.	0.	0.
461	461	509	Qm	0.	0.	0.
461	461	483	Qs	0.	0.	0.
461	461	484	Qs	0.	0.	0.
461	461	510	Qs	0.	0.	0.
461	461	509	Qs	0.	0.	0.
461	461	483	T+	-0.88526	-0.88526	-1.128E-16
461	461	484	T+	-0.88526	-0.88526	-1.153E-17
461	461	510	T+	-0.88526	-0.88526	8.527E-17
461	461	509	T+	-0.88526	-0.88526	-1.604E-17
461	461	483	T-	0.88526	0.88526	1.128E-16
461	461	484	T-	0.88526	0.88526	1.153E-17
461	461	510	T-	0.88526	0.88526	-8.527E-17
461	461	509	T-	0.88526	0.88526	1.604E-17
461	461	483	W	0.	0.	0.
461	461	484	W	0.	0.	0.
461	461	510	W	0.	0.	0.
461	461	509	W	0.	0.	0.
461	461	483	Qm-1	0.	0.	0.
461	461	484	Qm-1	0.	0.	0.
461	461	510	Qm-1	0.	0.	0.
461	461	509	Qm-1	0.	0.	0.
461	461	483	Qm-2	0.	0.	0.
461	461	484	Qm-2	0.	0.	0.
461	461	510	Qm-2	0.	0.	0.
461	461	509	Qm-2	0.	0.	0.
462	462	484	DEAD	0.	0.	0.
462	462	485	DEAD	0.	0.	0.
462	462	511	DEAD	0.	0.	0.
462	462	510	DEAD	0.	0.	0.
462	462	484	G1	0.	0.	0.
462	462	485	G1	0.	0.	0.
462	462	511	G1	0.	0.	0.
462	462	510	G1	0.	0.	0.
462	462	484	G2	0.	0.	0.
462	462	485	G2	0.	0.	0.
462	462	511	G2	0.	0.	0.
462	462	510	G2	0.	0.	0.
462	462	484	Qm	0.	0.	0.
462	462	485	Qm	0.	0.	0.
462	462	511	Qm	0.	0.	0.
462	462	510	Qm	0.	0.	0.
462	462	484	Qs	0.	0.	0.
462	462	485	Qs	0.	0.	0.

Table 27: Element Forces - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	F11	F22	F12
				KN/mm	KN/mm	KN/mm
462	462	511	Qs	0.	0.	0.
462	462	510	Qs	0.	0.	0.
462	462	484	T+	-0.88526	-0.88526	-2.768E-17
462	462	485	T+	-0.88526	-0.88526	-1.369E-16
462	462	511	T+	-0.88526	-0.88526	9.080E-17
462	462	510	T+	-0.88526	-0.88526	3.200E-16
462	462	484	T-	0.88526	0.88526	2.768E-17
462	462	485	T-	0.88526	0.88526	1.369E-16
462	462	511	T-	0.88526	0.88526	-9.080E-17
462	462	510	T-	0.88526	0.88526	-3.200E-16
462	462	484	W	0.	0.	0.
462	462	485	W	0.	0.	0.
462	462	511	W	0.	0.	0.
462	462	510	W	0.	0.	0.
462	462	484	Qm-1	0.	0.	0.
462	462	485	Qm-1	0.	0.	0.
462	462	511	Qm-1	0.	0.	0.
462	462	510	Qm-1	0.	0.	0.
462	462	484	Qm-2	0.	0.	0.
462	462	485	Qm-2	0.	0.	0.
462	462	511	Qm-2	0.	0.	0.
462	462	510	Qm-2	0.	0.	0.
463	463	485	DEAD	0.	0.	0.
463	463	486	DEAD	0.	0.	0.
463	463	512	DEAD	0.	0.	0.
463	463	511	DEAD	0.	0.	0.
463	463	485	G1	0.	0.	0.
463	463	486	G1	0.	0.	0.
463	463	512	G1	0.	0.	0.
463	463	511	G1	0.	0.	0.
463	463	485	G2	0.	0.	0.
463	463	486	G2	0.	0.	0.
463	463	512	G2	0.	0.	0.
463	463	511	G2	0.	0.	0.
463	463	485	Qm	0.	0.	0.
463	463	486	Qm	0.	0.	0.
463	463	512	Qm	0.	0.	0.
463	463	511	Qm	0.	0.	0.
463	463	485	Qs	0.	0.	0.
463	463	486	Qs	0.	0.	0.
463	463	512	Qs	0.	0.	0.
463	463	511	Qs	0.	0.	0.
463	463	485	T+	-0.88526	-0.88526	-7.436E-17
463	463	486	T+	-0.88526	-0.88526	-1.160E-16
463	463	512	T+	-0.88526	-0.88526	1.375E-16
463	463	511	T+	-0.88526	-0.88526	2.991E-16
463	463	485	T-	0.88526	0.88526	7.436E-17
463	463	486	T-	0.88526	0.88526	1.160E-16
463	463	512	T-	0.88526	0.88526	-1.375E-16
463	463	511	T-	0.88526	0.88526	-2.991E-16
463	463	485	W	0.	0.	0.
463	463	486	W	0.	0.	0.
463	463	512	W	0.	0.	0.
463	463	511	W	0.	0.	0.

Table 27: Element Forces - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	F11	F22	F12
				KN/mm	KN/mm	KN/mm
463	463	485	Qm-1	0.	0.	0.
463	463	486	Qm-1	0.	0.	0.
463	463	512	Qm-1	0.	0.	0.
463	463	511	Qm-1	0.	0.	0.
463	463	485	Qm-2	0.	0.	0.
463	463	486	Qm-2	0.	0.	0.
463	463	512	Qm-2	0.	0.	0.
463	463	511	Qm-2	0.	0.	0.
464	464	486	DEAD	0.	0.	0.
464	464	487	DEAD	0.	0.	0.
464	464	513	DEAD	0.	0.	0.
464	464	512	DEAD	0.	0.	0.
464	464	486	G1	0.	0.	0.
464	464	487	G1	0.	0.	0.
464	464	513	G1	0.	0.	0.
464	464	512	G1	0.	0.	0.
464	464	486	G2	0.	0.	0.
464	464	487	G2	0.	0.	0.
464	464	513	G2	0.	0.	0.
464	464	512	G2	0.	0.	0.
464	464	486	Qm	0.	0.	0.
464	464	487	Qm	0.	0.	0.
464	464	513	Qm	0.	0.	0.
464	464	512	Qm	0.	0.	0.
464	464	486	Qs	0.	0.	0.
464	464	487	Qs	0.	0.	0.
464	464	513	Qs	0.	0.	0.
464	464	512	Qs	0.	0.	0.
464	464	486	T+	-0.88526	-0.88526	6.931E-17
464	464	487	T+	-0.88526	-0.88526	-9.249E-17
464	464	513	T+	-0.88526	-0.88526	-6.185E-18
464	464	512	T+	-0.88526	-0.88526	2.756E-16
464	464	486	T-	0.88526	0.88526	-6.931E-17
464	464	487	T-	0.88526	0.88526	9.249E-17
464	464	513	T-	0.88526	0.88526	6.185E-18
464	464	512	T-	0.88526	0.88526	-2.756E-16
464	464	486	W	0.	0.	0.
464	464	487	W	0.	0.	0.
464	464	513	W	0.	0.	0.
464	464	512	W	0.	0.	0.
464	464	486	Qm-1	0.	0.	0.
464	464	487	Qm-1	0.	0.	0.
464	464	513	Qm-1	0.	0.	0.
464	464	512	Qm-1	0.	0.	0.
464	464	486	Qm-2	0.	0.	0.
464	464	487	Qm-2	0.	0.	0.
464	464	513	Qm-2	0.	0.	0.
464	464	512	Qm-2	0.	0.	0.
465	465	487	DEAD	0.	0.	0.
465	465	488	DEAD	0.	0.	0.
465	465	514	DEAD	0.	0.	0.
465	465	513	DEAD	0.	0.	0.
465	465	487	G1	0.	0.	0.
465	465	488	G1	0.	0.	0.

Table 27: Element Forces - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	F11	F22	F12
				KN/mm	KN/mm	KN/mm
465	465	514	G1	0.	0.	0.
465	465	513	G1	0.	0.	0.
465	465	487	G2	0.	0.	0.
465	465	488	G2	0.	0.	0.
465	465	514	G2	0.	0.	0.
465	465	513	G2	0.	0.	0.
465	465	487	Qm	0.	0.	0.
465	465	488	Qm	0.	0.	0.
465	465	514	Qm	0.	0.	0.
465	465	513	Qm	0.	0.	0.
465	465	487	Qs	0.	0.	0.
465	465	488	Qs	0.	0.	0.
465	465	514	Qs	0.	0.	0.
465	465	513	Qs	0.	0.	0.
465	465	487	T+	-0.88526	-0.88526	-5.279E-17
465	465	488	T+	-0.88526	-0.88526	-1.458E-17
465	465	514	T+	-0.88526	-0.88526	1.159E-16
465	465	513	T+	-0.88526	-0.88526	1.977E-16
465	465	487	T-	0.88526	0.88526	5.279E-17
465	465	488	T-	0.88526	0.88526	1.458E-17
465	465	514	T-	0.88526	0.88526	-1.159E-16
465	465	513	T-	0.88526	0.88526	-1.977E-16
465	465	487	W	0.	0.	0.
465	465	488	W	0.	0.	0.
465	465	514	W	0.	0.	0.
465	465	513	W	0.	0.	0.
465	465	487	Qm-1	0.	0.	0.
465	465	488	Qm-1	0.	0.	0.
465	465	514	Qm-1	0.	0.	0.
465	465	513	Qm-1	0.	0.	0.
465	465	487	Qm-2	0.	0.	0.
465	465	488	Qm-2	0.	0.	0.
465	465	514	Qm-2	0.	0.	0.
465	465	513	Qm-2	0.	0.	0.
466	466	488	DEAD	0.	0.	0.
466	466	489	DEAD	0.	0.	0.
466	466	515	DEAD	0.	0.	0.
466	466	514	DEAD	0.	0.	0.
466	466	488	G1	0.	0.	0.
466	466	489	G1	0.	0.	0.
466	466	515	G1	0.	0.	0.
466	466	514	G1	0.	0.	0.
466	466	488	G2	0.	0.	0.
466	466	489	G2	0.	0.	0.
466	466	515	G2	0.	0.	0.
466	466	514	G2	0.	0.	0.
466	466	488	Qm	0.	0.	0.
466	466	489	Qm	0.	0.	0.
466	466	515	Qm	0.	0.	0.
466	466	514	Qm	0.	0.	0.
466	466	488	Qs	0.	0.	0.
466	466	489	Qs	0.	0.	0.
466	466	515	Qs	0.	0.	0.
466	466	514	Qs	0.	0.	0.

Table 27: Element Forces - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	F11	F22	F12
				KN/mm	KN/mm	KN/mm
466	466	488	T+	-0.88526	-0.88526	-7.353E-17
466	466	489	T+	-0.88526	-0.88526	-1.422E-15
466	466	515	T+	-0.88526	-0.88526	1.786E-16
466	466	514	T+	-0.88526	-0.88526	1.567E-15
466	466	488	T-	0.88526	0.88526	7.353E-17
466	466	489	T-	0.88526	0.88526	1.422E-15
466	466	515	T-	0.88526	0.88526	-1.786E-16
466	466	514	T-	0.88526	0.88526	-1.567E-15
466	466	488	W	0.	0.	0.
466	466	489	W	0.	0.	0.
466	466	515	W	0.	0.	0.
466	466	514	W	0.	0.	0.
466	466	488	Qm-1	0.	0.	0.
466	466	489	Qm-1	0.	0.	0.
466	466	515	Qm-1	0.	0.	0.
466	466	514	Qm-1	0.	0.	0.
466	466	488	Qm-2	0.	0.	0.
466	466	489	Qm-2	0.	0.	0.
466	466	515	Qm-2	0.	0.	0.
466	466	514	Qm-2	0.	0.	0.
467	467	489	DEAD	0.	0.	0.
467	467	490	DEAD	0.	0.	0.
467	467	516	DEAD	0.	0.	0.
467	467	515	DEAD	0.	0.	0.
467	467	489	G1	0.	0.	0.
467	467	490	G1	0.	0.	0.
467	467	516	G1	0.	0.	0.
467	467	515	G1	0.	0.	0.
467	467	489	G2	0.	0.	0.
467	467	490	G2	0.	0.	0.
467	467	516	G2	0.	0.	0.
467	467	515	G2	0.	0.	0.
467	467	489	Qm	0.	0.	0.
467	467	490	Qm	0.	0.	0.
467	467	516	Qm	0.	0.	0.
467	467	515	Qm	0.	0.	0.
467	467	489	Qs	0.	0.	0.
467	467	490	Qs	0.	0.	0.
467	467	516	Qs	0.	0.	0.
467	467	515	Qs	0.	0.	0.
467	467	489	T+	-0.88526	-0.88526	-1.359E-16
467	467	490	T+	-0.88526	-0.88526	-1.241E-16
467	467	516	T+	-0.88526	-0.88526	-1.034E-16
467	467	515	T+	-0.88526	-0.88526	4.719E-18
467	467	489	T-	0.88526	0.88526	1.359E-16
467	467	490	T-	0.88526	0.88526	1.241E-16
467	467	516	T-	0.88526	0.88526	1.034E-16
467	467	515	T-	0.88526	0.88526	-4.719E-18
467	467	489	W	0.	0.	0.
467	467	490	W	0.	0.	0.
467	467	516	W	0.	0.	0.
467	467	515	W	0.	0.	0.
467	467	489	Qm-1	0.	0.	0.
467	467	490	Qm-1	0.	0.	0.

Table 27: Element Forces - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	F11	F22	F12
				KN/mm	KN/mm	KN/mm
467	467	516	Qm-1	0.	0.	0.
467	467	515	Qm-1	0.	0.	0.
467	467	489	Qm-2	0.	0.	0.
467	467	490	Qm-2	0.	0.	0.
467	467	516	Qm-2	0.	0.	0.
467	467	515	Qm-2	0.	0.	0.
468	468	490	DEAD	0.	0.	0.
468	468	491	DEAD	0.	0.	0.
468	468	517	DEAD	0.	0.	0.
468	468	516	DEAD	0.	0.	0.
468	468	490	G1	0.	0.	0.
468	468	491	G1	0.	0.	0.
468	468	517	G1	0.	0.	0.
468	468	516	G1	0.	0.	0.
468	468	490	G2	0.	0.	0.
468	468	491	G2	0.	0.	0.
468	468	517	G2	0.	0.	0.
468	468	516	G2	0.	0.	0.
468	468	490	Qm	0.	0.	0.
468	468	491	Qm	0.	0.	0.
468	468	517	Qm	0.	0.	0.
468	468	516	Qm	0.	0.	0.
468	468	490	Qs	0.	0.	0.
468	468	491	Qs	0.	0.	0.
468	468	517	Qs	0.	0.	0.
468	468	516	Qs	0.	0.	0.
468	468	490	T+	-0.88526	-0.88526	-1.490E-16
468	468	491	T+	-0.88526	-0.88526	-6.319E-16
468	468	517	T+	-0.88526	-0.88526	-8.386E-17
468	468	516	T+	-0.88526	-0.88526	4.390E-16
468	468	490	T-	0.88526	0.88526	1.490E-16
468	468	491	T-	0.88526	0.88526	6.319E-16
468	468	517	T-	0.88526	0.88526	8.386E-17
468	468	516	T-	0.88526	0.88526	-4.390E-16
468	468	490	W	0.	0.	0.
468	468	491	W	0.	0.	0.
468	468	517	W	0.	0.	0.
468	468	516	W	0.	0.	0.
468	468	490	Qm-1	0.	0.	0.
468	468	491	Qm-1	0.	0.	0.
468	468	517	Qm-1	0.	0.	0.
468	468	516	Qm-1	0.	0.	0.
468	468	490	Qm-2	0.	0.	0.
468	468	491	Qm-2	0.	0.	0.
468	468	517	Qm-2	0.	0.	0.
468	468	516	Qm-2	0.	0.	0.
469	469	491	DEAD	0.	0.	0.
469	469	492	DEAD	0.	0.	0.
469	469	518	DEAD	0.	0.	0.
469	469	517	DEAD	0.	0.	0.
469	469	491	G1	0.	0.	0.
469	469	492	G1	0.	0.	0.
469	469	518	G1	0.	0.	0.
469	469	517	G1	0.	0.	0.

Table 27: Element Forces - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	F11	F22	F12
				KN/mm	KN/mm	KN/mm
469	469	491	G2	0.	0.	0.
469	469	492	G2	0.	0.	0.
469	469	518	G2	0.	0.	0.
469	469	517	G2	0.	0.	0.
469	469	491	Qm	0.	0.	0.
469	469	492	Qm	0.	0.	0.
469	469	518	Qm	0.	0.	0.
469	469	517	Qm	0.	0.	0.
469	469	491	Qs	0.	0.	0.
469	469	492	Qs	0.	0.	0.
469	469	518	Qs	0.	0.	0.
469	469	517	Qs	0.	0.	0.
469	469	491	T+	-0.88526	-0.88526	-7.014E-17
469	469	492	T+	-0.88526	-0.88526	-4.122E-16
469	469	518	T+	-0.88526	-0.88526	3.647E-16
469	469	517	T+	-0.88526	-0.88526	5.868E-16
469	469	491	T-	0.88526	0.88526	7.014E-17
469	469	492	T-	0.88526	0.88526	4.122E-16
469	469	518	T-	0.88526	0.88526	-3.647E-16
469	469	517	T-	0.88526	0.88526	-5.868E-16
469	469	491	W	0.	0.	0.
469	469	492	W	0.	0.	0.
469	469	518	W	0.	0.	0.
469	469	517	W	0.	0.	0.
469	469	491	Qm-1	0.	0.	0.
469	469	492	Qm-1	0.	0.	0.
469	469	518	Qm-1	0.	0.	0.
469	469	517	Qm-1	0.	0.	0.
469	469	491	Qm-2	0.	0.	0.
469	469	492	Qm-2	0.	0.	0.
469	469	518	Qm-2	0.	0.	0.
469	469	517	Qm-2	0.	0.	0.
470	470	492	DEAD	0.	0.	0.
470	470	493	DEAD	0.	0.	0.
470	470	519	DEAD	0.	0.	0.
470	470	518	DEAD	0.	0.	0.
470	470	492	G1	0.	0.	0.
470	470	493	G1	0.	0.	0.
470	470	519	G1	0.	0.	0.
470	470	518	G1	0.	0.	0.
470	470	492	G2	0.	0.	0.
470	470	493	G2	0.	0.	0.
470	470	519	G2	0.	0.	0.
470	470	518	G2	0.	0.	0.
470	470	492	Qm	0.	0.	0.
470	470	493	Qm	0.	0.	0.
470	470	519	Qm	0.	0.	0.
470	470	518	Qm	0.	0.	0.
470	470	492	Qs	0.	0.	0.
470	470	493	Qs	0.	0.	0.
470	470	519	Qs	0.	0.	0.
470	470	518	Qs	0.	0.	0.
470	470	492	T+	-0.88526	-0.88526	5.062E-17
470	470	493	T+	-0.88526	-0.88526	4.472E-16

Table 27: Element Forces - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	F11	F22	F12
				KN/mm	KN/mm	KN/mm
470	470	519	T+	-0.88526	-0.88526	4.170E-20
470	470	518	T+	-0.88526	-0.88526	-4.765E-16
470	470	492	T-	0.88526	0.88526	-5.062E-17
470	470	493	T-	0.88526	0.88526	-4.472E-16
470	470	519	T-	0.88526	0.88526	-4.170E-20
470	470	518	T-	0.88526	0.88526	4.765E-16
470	470	492	W	0.	0.	0.
470	470	493	W	0.	0.	0.
470	470	519	W	0.	0.	0.
470	470	518	W	0.	0.	0.
470	470	492	Qm-1	0.	0.	0.
470	470	493	Qm-1	0.	0.	0.
470	470	519	Qm-1	0.	0.	0.
470	470	518	Qm-1	0.	0.	0.
470	470	492	Qm-2	0.	0.	0.
470	470	493	Qm-2	0.	0.	0.
470	470	519	Qm-2	0.	0.	0.
470	470	518	Qm-2	0.	0.	0.
471	471	493	DEAD	0.	0.	0.
471	471	494	DEAD	0.	0.	0.
471	471	520	DEAD	0.	0.	0.
471	471	519	DEAD	0.	0.	0.
471	471	493	G1	0.	0.	0.
471	471	494	G1	0.	0.	0.
471	471	520	G1	0.	0.	0.
471	471	519	G1	0.	0.	0.
471	471	493	G2	0.	0.	0.
471	471	494	G2	0.	0.	0.
471	471	520	G2	0.	0.	0.
471	471	519	G2	0.	0.	0.
471	471	493	Qm	0.	0.	0.
471	471	494	Qm	0.	0.	0.
471	471	520	Qm	0.	0.	0.
471	471	519	Qm	0.	0.	0.
471	471	493	Qs	0.	0.	0.
471	471	494	Qs	0.	0.	0.
471	471	520	Qs	0.	0.	0.
471	471	519	Qs	0.	0.	0.
471	471	493	T+	-0.88526	-0.88526	-8.661E-17
471	471	494	T+	-0.88526	-0.88526	-2.266E-16
471	471	520	T+	-0.88526	-0.88526	1.497E-16
471	471	519	T+	-0.88526	-0.88526	4.096E-16
471	471	493	T-	0.88526	0.88526	8.661E-17
471	471	494	T-	0.88526	0.88526	2.266E-16
471	471	520	T-	0.88526	0.88526	-1.497E-16
471	471	519	T-	0.88526	0.88526	-4.096E-16
471	471	493	W	0.	0.	0.
471	471	494	W	0.	0.	0.
471	471	520	W	0.	0.	0.
471	471	519	W	0.	0.	0.
471	471	493	Qm-1	0.	0.	0.
471	471	494	Qm-1	0.	0.	0.
471	471	520	Qm-1	0.	0.	0.
471	471	519	Qm-1	0.	0.	0.

Table 27: Element Forces - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	F11	F22	F12
				KN/mm	KN/mm	KN/mm
471	471	493	Qm-2	0.	0.	0.
471	471	494	Qm-2	0.	0.	0.
471	471	520	Qm-2	0.	0.	0.
471	471	519	Qm-2	0.	0.	0.
472	472	494	DEAD	0.	0.	0.
472	472	495	DEAD	0.	0.	0.
472	472	521	DEAD	0.	0.	0.
472	472	520	DEAD	0.	0.	0.
472	472	494	G1	0.	0.	0.
472	472	495	G1	0.	0.	0.
472	472	521	G1	0.	0.	0.
472	472	520	G1	0.	0.	0.
472	472	494	G2	0.	0.	0.
472	472	495	G2	0.	0.	0.
472	472	521	G2	0.	0.	0.
472	472	520	G2	0.	0.	0.
472	472	494	Qm	0.	0.	0.
472	472	495	Qm	0.	0.	0.
472	472	521	Qm	0.	0.	0.
472	472	520	Qm	0.	0.	0.
472	472	494	Qs	0.	0.	0.
472	472	495	Qs	0.	0.	0.
472	472	521	Qs	0.	0.	0.
472	472	520	Qs	0.	0.	0.
472	472	494	T+	-0.88526	-0.88526	-9.607E-17
472	472	495	T+	-0.88526	-0.88526	-1.709E-15
472	472	521	T+	-0.88526	-0.88526	-8.678E-17
472	472	520	T+	-0.88526	-0.88526	1.566E-15
472	472	494	T-	0.88526	0.88526	9.607E-17
472	472	495	T-	0.88526	0.88526	1.709E-15
472	472	521	T-	0.88526	0.88526	8.678E-17
472	472	520	T-	0.88526	0.88526	-1.566E-15
472	472	494	W	0.	0.	0.
472	472	495	W	0.	0.	0.
472	472	521	W	0.	0.	0.
472	472	520	W	0.	0.	0.
472	472	494	Qm-1	0.	0.	0.
472	472	495	Qm-1	0.	0.	0.
472	472	521	Qm-1	0.	0.	0.
472	472	520	Qm-1	0.	0.	0.
472	472	494	Qm-2	0.	0.	0.
472	472	495	Qm-2	0.	0.	0.
472	472	521	Qm-2	0.	0.	0.
472	472	520	Qm-2	0.	0.	0.
473	473	495	DEAD	0.	0.	0.
473	473	496	DEAD	0.	0.	0.
473	473	522	DEAD	0.	0.	0.
473	473	521	DEAD	0.	0.	0.
473	473	495	G1	0.	0.	0.
473	473	496	G1	0.	0.	0.
473	473	522	G1	0.	0.	0.
473	473	521	G1	0.	0.	0.
473	473	495	G2	0.	0.	0.
473	473	496	G2	0.	0.	0.

Table 27: Element Forces - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	F11	F22	F12
				KN/mm	KN/mm	KN/mm
473	473	522	G2	0.	0.	0.
473	473	521	G2	0.	0.	0.
473	473	495	Qm	0.	0.	0.
473	473	496	Qm	0.	0.	0.
473	473	522	Qm	0.	0.	0.
473	473	521	Qm	0.	0.	0.
473	473	495	Qs	0.	0.	0.
473	473	496	Qs	0.	0.	0.
473	473	522	Qs	0.	0.	0.
473	473	521	Qs	0.	0.	0.
473	473	495	T+	-0.88526	-0.88526	-2.542E-17
473	473	496	T+	-0.88526	-0.88526	6.060E-16
473	473	522	T+	-0.88526	-0.88526	3.462E-17
473	473	521	T+	-0.88526	-0.88526	-6.368E-16
473	473	495	T-	0.88526	0.88526	2.542E-17
473	473	496	T-	0.88526	0.88526	-6.060E-16
473	473	522	T-	0.88526	0.88526	-3.462E-17
473	473	521	T-	0.88526	0.88526	6.368E-16
473	473	495	W	0.	0.	0.
473	473	496	W	0.	0.	0.
473	473	522	W	0.	0.	0.
473	473	521	W	0.	0.	0.
473	473	495	Qm-1	0.	0.	0.
473	473	496	Qm-1	0.	0.	0.
473	473	522	Qm-1	0.	0.	0.
473	473	521	Qm-1	0.	0.	0.
473	473	495	Qm-2	0.	0.	0.
473	473	496	Qm-2	0.	0.	0.
473	473	522	Qm-2	0.	0.	0.
473	473	521	Qm-2	0.	0.	0.
474	474	496	DEAD	0.	0.	0.
474	474	497	DEAD	0.	0.	0.
474	474	523	DEAD	0.	0.	0.
474	474	522	DEAD	0.	0.	0.
474	474	496	G1	0.	0.	0.
474	474	497	G1	0.	0.	0.
474	474	523	G1	0.	0.	0.
474	474	522	G1	0.	0.	0.
474	474	496	G2	0.	0.	0.
474	474	497	G2	0.	0.	0.
474	474	523	G2	0.	0.	0.
474	474	522	G2	0.	0.	0.
474	474	496	Qm	0.	0.	0.
474	474	497	Qm	0.	0.	0.
474	474	523	Qm	0.	0.	0.
474	474	522	Qm	0.	0.	0.
474	474	496	Qs	0.	0.	0.
474	474	497	Qs	0.	0.	0.
474	474	523	Qs	0.	0.	0.
474	474	522	Qs	0.	0.	0.
474	474	496	T+	-0.88526	-0.88526	-1.107E-16
474	474	497	T+	-0.88526	-0.88526	-1.358E-17
474	474	523	T+	-0.88526	-0.88526	1.061E-16
474	474	522	T+	-0.88526	-0.88526	-1.109E-16

Table 27: Element Forces - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	F11	F22	F12
				KN/mm	KN/mm	KN/mm
474	474	496	T-	0.88526	0.88526	1.107E-16
474	474	497	T-	0.88526	0.88526	1.358E-17
474	474	523	T-	0.88526	0.88526	-1.061E-16
474	474	522	T-	0.88526	0.88526	1.109E-16
474	474	496	W	0.	0.	0.
474	474	497	W	0.	0.	0.
474	474	523	W	0.	0.	0.
474	474	522	W	0.	0.	0.
474	474	496	Qm-1	0.	0.	0.
474	474	497	Qm-1	0.	0.	0.
474	474	523	Qm-1	0.	0.	0.
474	474	522	Qm-1	0.	0.	0.
474	474	496	Qm-2	0.	0.	0.
474	474	497	Qm-2	0.	0.	0.
474	474	523	Qm-2	0.	0.	0.
474	474	522	Qm-2	0.	0.	0.
475	475	497	DEAD	0.	0.	0.
475	475	498	DEAD	0.	0.	0.
475	475	524	DEAD	0.	0.	0.
475	475	523	DEAD	0.	0.	0.
475	475	497	G1	0.	0.	0.
475	475	498	G1	0.	0.	0.
475	475	524	G1	0.	0.	0.
475	475	523	G1	0.	0.	0.
475	475	497	G2	0.	0.	0.
475	475	498	G2	0.	0.	0.
475	475	524	G2	0.	0.	0.
475	475	523	G2	0.	0.	0.
475	475	497	Qm	0.	0.	0.
475	475	498	Qm	0.	0.	0.
475	475	524	Qm	0.	0.	0.
475	475	523	Qm	0.	0.	0.
475	475	497	Qs	0.	0.	0.
475	475	498	Qs	0.	0.	0.
475	475	524	Qs	0.	0.	0.
475	475	523	Qs	0.	0.	0.
475	475	497	T+	-0.88526	-0.88526	1.201E-16
475	475	498	T+	-0.88526	-0.88526	-2.960E-16
475	475	524	T+	-0.88526	-0.88526	3.534E-17
475	475	523	T+	-0.88526	-0.88526	4.515E-16
475	475	497	T-	0.88526	0.88526	-1.201E-16
475	475	498	T-	0.88526	0.88526	2.960E-16
475	475	524	T-	0.88526	0.88526	-3.534E-17
475	475	523	T-	0.88526	0.88526	-4.515E-16
475	475	497	W	0.	0.	0.
475	475	498	W	0.	0.	0.
475	475	524	W	0.	0.	0.
475	475	523	W	0.	0.	0.
475	475	497	Qm-1	0.	0.	0.
475	475	498	Qm-1	0.	0.	0.
475	475	524	Qm-1	0.	0.	0.
475	475	523	Qm-1	0.	0.	0.
475	475	497	Qm-2	0.	0.	0.
475	475	498	Qm-2	0.	0.	0.

Table 27: Element Forces - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	F11	F22	F12
				KN/mm	KN/mm	KN/mm
475	475	524	Qm-2	0.	0.	0.
475	475	523	Qm-2	0.	0.	0.
476	476	498	DEAD	0.	0.	0.
476	476	499	DEAD	0.	0.	0.
476	476	525	DEAD	0.	0.	0.
476	476	524	DEAD	0.	0.	0.
476	476	498	G1	0.	0.	0.
476	476	499	G1	0.	0.	0.
476	476	525	G1	0.	0.	0.
476	476	524	G1	0.	0.	0.
476	476	498	G2	0.	0.	0.
476	476	499	G2	0.	0.	0.
476	476	525	G2	0.	0.	0.
476	476	524	G2	0.	0.	0.
476	476	498	Qm	0.	0.	0.
476	476	499	Qm	0.	0.	0.
476	476	525	Qm	0.	0.	0.
476	476	524	Qm	0.	0.	0.
476	476	498	Qs	0.	0.	0.
476	476	499	Qs	0.	0.	0.
476	476	525	Qs	0.	0.	0.
476	476	524	Qs	0.	0.	0.
476	476	498	T+	-0.88526	-0.88526	-1.948E-16
476	476	499	T+	-0.88526	-0.88526	-3.550E-17
476	476	525	T+	-0.88526	-0.88526	2.124E-16
476	476	524	T+	-0.88526	-0.88526	9.314E-17
476	476	498	T-	0.88526	0.88526	1.948E-16
476	476	499	T-	0.88526	0.88526	3.550E-17
476	476	525	T-	0.88526	0.88526	-2.124E-16
476	476	524	T-	0.88526	0.88526	-9.314E-17
476	476	498	W	0.	0.	0.
476	476	499	W	0.	0.	0.
476	476	525	W	0.	0.	0.
476	476	524	W	0.	0.	0.
476	476	498	Qm-1	0.	0.	0.
476	476	499	Qm-1	0.	0.	0.
476	476	525	Qm-1	0.	0.	0.
476	476	524	Qm-1	0.	0.	0.
476	476	498	Qm-2	0.	0.	0.
476	476	499	Qm-2	0.	0.	0.
476	476	525	Qm-2	0.	0.	0.
476	476	524	Qm-2	0.	0.	0.
477	477	499	DEAD	0.	0.	0.
477	477	500	DEAD	0.	0.	0.
477	477	526	DEAD	0.	0.	0.
477	477	525	DEAD	0.	0.	0.
477	477	499	G1	0.	0.	0.
477	477	500	G1	0.	0.	0.
477	477	526	G1	0.	0.	0.
477	477	525	G1	0.	0.	0.
477	477	499	G2	0.	0.	0.
477	477	500	G2	0.	0.	0.
477	477	526	G2	0.	0.	0.
477	477	525	G2	0.	0.	0.

Table 27: Element Forces - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	F11	F22	F12
				KN/mm	KN/mm	KN/mm
477	477	499	Qm	0.	0.	0.
477	477	500	Qm	0.	0.	0.
477	477	526	Qm	0.	0.	0.
477	477	525	Qm	0.	0.	0.
477	477	499	Qs	0.	0.	0.
477	477	500	Qs	0.	0.	0.
477	477	526	Qs	0.	0.	0.
477	477	525	Qs	0.	0.	0.
477	477	499	T+	-0.88526	-0.88526	-7.293E-17
477	477	500	T+	-0.88526	-0.88526	-7.304E-16
477	477	526	T+	-0.88526	-0.88526	-8.874E-17
477	477	525	T+	-0.88526	-0.88526	6.887E-16
477	477	499	T-	0.88526	0.88526	7.293E-17
477	477	500	T-	0.88526	0.88526	7.304E-16
477	477	526	T-	0.88526	0.88526	8.874E-17
477	477	525	T-	0.88526	0.88526	-6.887E-16
477	477	499	W	0.	0.	0.
477	477	500	W	0.	0.	0.
477	477	526	W	0.	0.	0.
477	477	525	W	0.	0.	0.
477	477	499	Qm-1	0.	0.	0.
477	477	500	Qm-1	0.	0.	0.
477	477	526	Qm-1	0.	0.	0.
477	477	525	Qm-1	0.	0.	0.
477	477	499	Qm-2	0.	0.	0.
477	477	500	Qm-2	0.	0.	0.
477	477	526	Qm-2	0.	0.	0.
477	477	525	Qm-2	0.	0.	0.
478	478	501	DEAD	0.	0.	0.
478	478	502	DEAD	0.	0.	0.
478	478	528	DEAD	0.	0.	0.
478	478	527	DEAD	0.	0.	0.
478	478	501	G1	0.	0.	0.
478	478	502	G1	0.	0.	0.
478	478	528	G1	0.	0.	0.
478	478	527	G1	0.	0.	0.
478	478	501	G2	0.	0.	0.
478	478	502	G2	0.	0.	0.
478	478	528	G2	0.	0.	0.
478	478	527	G2	0.	0.	0.
478	478	501	Qm	0.	0.	0.
478	478	502	Qm	0.	0.	0.
478	478	528	Qm	0.	0.	0.
478	478	527	Qm	0.	0.	0.
478	478	501	Qs	0.	0.	0.
478	478	502	Qs	0.	0.	0.
478	478	528	Qs	0.	0.	0.
478	478	527	Qs	0.	0.	0.
478	478	501	T+	-0.88526	-0.88526	2.410E-17
478	478	502	T+	-0.88526	-0.88526	-8.554E-17
478	478	528	T+	-0.88526	-0.88526	3.902E-17
478	478	527	T+	-0.88526	-0.88526	2.686E-16
478	478	501	T-	0.88526	0.88526	-2.410E-17
478	478	502	T-	0.88526	0.88526	8.554E-17

Table 27: Element Forces - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	F11	F22	F12
				KN/mm	KN/mm	KN/mm
478	478	528	T-	0.88526	0.88526	-3.902E-17
478	478	527	T-	0.88526	0.88526	-2.686E-16
478	478	501	W	0.	0.	0.
478	478	502	W	0.	0.	0.
478	478	528	W	0.	0.	0.
478	478	527	W	0.	0.	0.
478	478	501	Qm-1	0.	0.	0.
478	478	502	Qm-1	0.	0.	0.
478	478	528	Qm-1	0.	0.	0.
478	478	527	Qm-1	0.	0.	0.
478	478	501	Qm-2	0.	0.	0.
478	478	502	Qm-2	0.	0.	0.
478	478	528	Qm-2	0.	0.	0.
478	478	527	Qm-2	0.	0.	0.
479	479	502	DEAD	0.	0.	0.
479	479	503	DEAD	0.	0.	0.
479	479	529	DEAD	0.	0.	0.
479	479	528	DEAD	0.	0.	0.
479	479	502	G1	0.	0.	0.
479	479	503	G1	0.	0.	0.
479	479	529	G1	0.	0.	0.
479	479	528	G1	0.	0.	0.
479	479	502	G2	0.	0.	0.
479	479	503	G2	0.	0.	0.
479	479	529	G2	0.	0.	0.
479	479	528	G2	0.	0.	0.
479	479	502	Qm	0.	0.	0.
479	479	503	Qm	0.	0.	0.
479	479	529	Qm	0.	0.	0.
479	479	528	Qm	0.	0.	0.
479	479	502	Qs	0.	0.	0.
479	479	503	Qs	0.	0.	0.
479	479	529	Qs	0.	0.	0.
479	479	528	Qs	0.	0.	0.
479	479	502	T+	-0.88526	-0.88526	-1.001E-16
479	479	503	T+	-0.88526	-0.88526	-8.997E-16
479	479	529	T+	-0.88526	-0.88526	2.586E-18
479	479	528	T+	-0.88526	-0.88526	9.221E-16
479	479	502	T-	0.88526	0.88526	1.001E-16
479	479	503	T-	0.88526	0.88526	8.997E-16
479	479	529	T-	0.88526	0.88526	-2.586E-18
479	479	528	T-	0.88526	0.88526	-9.221E-16
479	479	502	W	0.	0.	0.
479	479	503	W	0.	0.	0.
479	479	529	W	0.	0.	0.
479	479	528	W	0.	0.	0.
479	479	502	Qm-1	0.	0.	0.
479	479	503	Qm-1	0.	0.	0.
479	479	529	Qm-1	0.	0.	0.
479	479	528	Qm-1	0.	0.	0.
479	479	502	Qm-2	0.	0.	0.
479	479	503	Qm-2	0.	0.	0.
479	479	529	Qm-2	0.	0.	0.
479	479	528	Qm-2	0.	0.	0.

Table 27: Element Forces - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	F11	F22	F12
				KN/mm	KN/mm	KN/mm
480	480	503	DEAD	0.	0.	0.
480	480	504	DEAD	0.	0.	0.
480	480	530	DEAD	0.	0.	0.
480	480	529	DEAD	0.	0.	0.
480	480	503	G1	0.	0.	0.
480	480	504	G1	0.	0.	0.
480	480	530	G1	0.	0.	0.
480	480	529	G1	0.	0.	0.
480	480	503	G2	0.	0.	0.
480	480	504	G2	0.	0.	0.
480	480	530	G2	0.	0.	0.
480	480	529	G2	0.	0.	0.
480	480	503	Qm	0.	0.	0.
480	480	504	Qm	0.	0.	0.
480	480	530	Qm	0.	0.	0.
480	480	529	Qm	0.	0.	0.
480	480	503	Qs	0.	0.	0.
480	480	504	Qs	0.	0.	0.
480	480	530	Qs	0.	0.	0.
480	480	529	Qs	0.	0.	0.
480	480	503	T+	-0.88526	-0.88526	-1.179E-16
480	480	504	T+	-0.88526	-0.88526	8.397E-17
480	480	530	T+	-0.88526	-0.88526	2.662E-17
480	480	529	T+	-0.88526	-0.88526	-9.532E-17
480	480	503	T-	0.88526	0.88526	1.179E-16
480	480	504	T-	0.88526	0.88526	-8.397E-17
480	480	530	T-	0.88526	0.88526	-2.662E-17
480	480	529	T-	0.88526	0.88526	9.532E-17
480	480	503	W	0.	0.	0.
480	480	504	W	0.	0.	0.
480	480	530	W	0.	0.	0.
480	480	529	W	0.	0.	0.
480	480	503	Qm-1	0.	0.	0.
480	480	504	Qm-1	0.	0.	0.
480	480	530	Qm-1	0.	0.	0.
480	480	529	Qm-1	0.	0.	0.
480	480	503	Qm-2	0.	0.	0.
480	480	504	Qm-2	0.	0.	0.
480	480	530	Qm-2	0.	0.	0.
480	480	529	Qm-2	0.	0.	0.
481	481	504	DEAD	0.	0.	0.
481	481	505	DEAD	0.	0.	0.
481	481	531	DEAD	0.	0.	0.
481	481	530	DEAD	0.	0.	0.
481	481	504	G1	0.	0.	0.
481	481	505	G1	0.	0.	0.
481	481	531	G1	0.	0.	0.
481	481	530	G1	0.	0.	0.
481	481	504	G2	0.	0.	0.
481	481	505	G2	0.	0.	0.
481	481	531	G2	0.	0.	0.
481	481	530	G2	0.	0.	0.
481	481	504	Qm	0.	0.	0.
481	481	505	Qm	0.	0.	0.

Table 27: Element Forces - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	F11	F22	F12
				KN/mm	KN/mm	KN/mm
481	481	531	Qm	0.	0.	0.
481	481	530	Qm	0.	0.	0.
481	481	504	Qs	0.	0.	0.
481	481	505	Qs	0.	0.	0.
481	481	531	Qs	0.	0.	0.
481	481	530	Qs	0.	0.	0.
481	481	504	T+	-0.88526	-0.88526	-7.670E-17
481	481	505	T+	-0.88526	-0.88526	-4.562E-16
481	481	531	T+	-0.88526	-0.88526	1.511E-16
481	481	530	T+	-0.88526	-0.88526	4.506E-16
481	481	504	T-	0.88526	0.88526	7.670E-17
481	481	505	T-	0.88526	0.88526	4.562E-16
481	481	531	T-	0.88526	0.88526	-1.511E-16
481	481	530	T-	0.88526	0.88526	-4.506E-16
481	481	504	W	0.	0.	0.
481	481	505	W	0.	0.	0.
481	481	531	W	0.	0.	0.
481	481	530	W	0.	0.	0.
481	481	504	Qm-1	0.	0.	0.
481	481	505	Qm-1	0.	0.	0.
481	481	531	Qm-1	0.	0.	0.
481	481	530	Qm-1	0.	0.	0.
481	481	504	Qm-2	0.	0.	0.
481	481	505	Qm-2	0.	0.	0.
481	481	531	Qm-2	0.	0.	0.
481	481	530	Qm-2	0.	0.	0.
482	482	505	DEAD	0.	0.	0.
482	482	506	DEAD	0.	0.	0.
482	482	532	DEAD	0.	0.	0.
482	482	531	DEAD	0.	0.	0.
482	482	505	G1	0.	0.	0.
482	482	506	G1	0.	0.	0.
482	482	532	G1	0.	0.	0.
482	482	531	G1	0.	0.	0.
482	482	505	G2	0.	0.	0.
482	482	506	G2	0.	0.	0.
482	482	532	G2	0.	0.	0.
482	482	531	G2	0.	0.	0.
482	482	505	Qm	0.	0.	0.
482	482	506	Qm	0.	0.	0.
482	482	532	Qm	0.	0.	0.
482	482	531	Qm	0.	0.	0.
482	482	505	Qs	0.	0.	0.
482	482	506	Qs	0.	0.	0.
482	482	532	Qs	0.	0.	0.
482	482	531	Qs	0.	0.	0.
482	482	505	T+	-0.88526	-0.88526	1.248E-16
482	482	506	T+	-0.88526	-0.88526	-4.649E-16
482	482	532	T+	-0.88526	-0.88526	-8.526E-17
482	482	531	T+	-0.88526	-0.88526	5.044E-16
482	482	505	T-	0.88526	0.88526	-1.248E-16
482	482	506	T-	0.88526	0.88526	4.649E-16
482	482	532	T-	0.88526	0.88526	8.526E-17
482	482	531	T-	0.88526	0.88526	-5.044E-16

Table 27: Element Forces - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	F11	F22	F12
				KN/mm	KN/mm	KN/mm
482	482	505	W	0.	0.	0.
482	482	506	W	0.	0.	0.
482	482	532	W	0.	0.	0.
482	482	531	W	0.	0.	0.
482	482	505	Qm-1	0.	0.	0.
482	482	506	Qm-1	0.	0.	0.
482	482	532	Qm-1	0.	0.	0.
482	482	531	Qm-1	0.	0.	0.
482	482	505	Qm-2	0.	0.	0.
482	482	506	Qm-2	0.	0.	0.
482	482	532	Qm-2	0.	0.	0.
482	482	531	Qm-2	0.	0.	0.
483	483	506	DEAD	0.	0.	0.
483	483	507	DEAD	0.	0.	0.
483	483	533	DEAD	0.	0.	0.
483	483	532	DEAD	0.	0.	0.
483	483	506	G1	0.	0.	0.
483	483	507	G1	0.	0.	0.
483	483	533	G1	0.	0.	0.
483	483	532	G1	0.	0.	0.
483	483	506	G2	0.	0.	0.
483	483	507	G2	0.	0.	0.
483	483	533	G2	0.	0.	0.
483	483	532	G2	0.	0.	0.
483	483	506	Qm	0.	0.	0.
483	483	507	Qm	0.	0.	0.
483	483	533	Qm	0.	0.	0.
483	483	532	Qm	0.	0.	0.
483	483	506	Qs	0.	0.	0.
483	483	507	Qs	0.	0.	0.
483	483	533	Qs	0.	0.	0.
483	483	532	Qs	0.	0.	0.
483	483	506	T+	-0.88526	-0.88526	-8.035E-17
483	483	507	T+	-0.88526	-0.88526	1.547E-15
483	483	533	T+	-0.88526	-0.88526	-1.791E-16
483	483	532	T+	-0.88526	-0.88526	-1.766E-15
483	483	506	T-	0.88526	0.88526	8.035E-17
483	483	507	T-	0.88526	0.88526	-1.547E-15
483	483	533	T-	0.88526	0.88526	1.791E-16
483	483	532	T-	0.88526	0.88526	1.766E-15
483	483	506	W	0.	0.	0.
483	483	507	W	0.	0.	0.
483	483	533	W	0.	0.	0.
483	483	532	W	0.	0.	0.
483	483	506	Qm-1	0.	0.	0.
483	483	507	Qm-1	0.	0.	0.
483	483	533	Qm-1	0.	0.	0.
483	483	532	Qm-1	0.	0.	0.
483	483	506	Qm-2	0.	0.	0.
483	483	507	Qm-2	0.	0.	0.
483	483	533	Qm-2	0.	0.	0.
483	483	532	Qm-2	0.	0.	0.
484	484	507	DEAD	0.	0.	0.
484	484	508	DEAD	0.	0.	0.

Table 27: Element Forces - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	F11	F22	F12
				KN/mm	KN/mm	KN/mm
484	484	534	DEAD	0.	0.	0.
484	484	533	DEAD	0.	0.	0.
484	484	507	G1	0.	0.	0.
484	484	508	G1	0.	0.	0.
484	484	534	G1	0.	0.	0.
484	484	533	G1	0.	0.	0.
484	484	507	G2	0.	0.	0.
484	484	508	G2	0.	0.	0.
484	484	534	G2	0.	0.	0.
484	484	533	G2	0.	0.	0.
484	484	507	Qm	0.	0.	0.
484	484	508	Qm	0.	0.	0.
484	484	534	Qm	0.	0.	0.
484	484	533	Qm	0.	0.	0.
484	484	507	Qs	0.	0.	0.
484	484	508	Qs	0.	0.	0.
484	484	534	Qs	0.	0.	0.
484	484	533	Qs	0.	0.	0.
484	484	507	T+	-0.88526	-0.88526	-7.446E-17
484	484	508	T+	-0.88526	-0.88526	6.759E-16
484	484	534	T+	-0.88526	-0.88526	-1.081E-17
484	484	533	T+	-0.88526	-0.88526	-7.612E-16
484	484	507	T-	0.88526	0.88526	7.446E-17
484	484	508	T-	0.88526	0.88526	-6.759E-16
484	484	534	T-	0.88526	0.88526	1.081E-17
484	484	533	T-	0.88526	0.88526	7.612E-16
484	484	507	W	0.	0.	0.
484	484	508	W	0.	0.	0.
484	484	534	W	0.	0.	0.
484	484	533	W	0.	0.	0.
484	484	507	Qm-1	0.	0.	0.
484	484	508	Qm-1	0.	0.	0.
484	484	534	Qm-1	0.	0.	0.
484	484	533	Qm-1	0.	0.	0.
484	484	507	Qm-2	0.	0.	0.
484	484	508	Qm-2	0.	0.	0.
484	484	534	Qm-2	0.	0.	0.
484	484	533	Qm-2	0.	0.	0.
485	485	508	DEAD	0.	0.	0.
485	485	509	DEAD	0.	0.	0.
485	485	535	DEAD	0.	0.	0.
485	485	534	DEAD	0.	0.	0.
485	485	508	G1	0.	0.	0.
485	485	509	G1	0.	0.	0.
485	485	535	G1	0.	0.	0.
485	485	534	G1	0.	0.	0.
485	485	508	G2	0.	0.	0.
485	485	509	G2	0.	0.	0.
485	485	535	G2	0.	0.	0.
485	485	534	G2	0.	0.	0.
485	485	508	Qm	0.	0.	0.
485	485	509	Qm	0.	0.	0.
485	485	535	Qm	0.	0.	0.
485	485	534	Qm	0.	0.	0.

Table 27: Element Forces - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	F11	F22	F12
				KN/mm	KN/mm	KN/mm
485	485	508	Qs	0.	0.	0.
485	485	509	Qs	0.	0.	0.
485	485	535	Qs	0.	0.	0.
485	485	534	Qs	0.	0.	0.
485	485	508	T+	-0.88526	-0.88526	-3.663E-16
485	485	509	T+	-0.88526	-0.88526	-1.640E-15
485	485	535	T+	-0.88526	-0.88526	2.884E-16
485	485	534	T+	-0.88526	-0.88526	1.602E-15
485	485	508	T-	0.88526	0.88526	3.663E-16
485	485	509	T-	0.88526	0.88526	1.640E-15
485	485	535	T-	0.88526	0.88526	-2.884E-16
485	485	534	T-	0.88526	0.88526	-1.602E-15
485	485	508	W	0.	0.	0.
485	485	509	W	0.	0.	0.
485	485	535	W	0.	0.	0.
485	485	534	W	0.	0.	0.
485	485	508	Qm-1	0.	0.	0.
485	485	509	Qm-1	0.	0.	0.
485	485	535	Qm-1	0.	0.	0.
485	485	534	Qm-1	0.	0.	0.
485	485	508	Qm-2	0.	0.	0.
485	485	509	Qm-2	0.	0.	0.
485	485	535	Qm-2	0.	0.	0.
485	485	534	Qm-2	0.	0.	0.
486	486	509	DEAD	0.	0.	0.
486	486	510	DEAD	0.	0.	0.
486	486	536	DEAD	0.	0.	0.
486	486	535	DEAD	0.	0.	0.
486	486	509	G1	0.	0.	0.
486	486	510	G1	0.	0.	0.
486	486	536	G1	0.	0.	0.
486	486	535	G1	0.	0.	0.
486	486	509	G2	0.	0.	0.
486	486	510	G2	0.	0.	0.
486	486	536	G2	0.	0.	0.
486	486	535	G2	0.	0.	0.
486	486	509	Qm	0.	0.	0.
486	486	510	Qm	0.	0.	0.
486	486	536	Qm	0.	0.	0.
486	486	535	Qm	0.	0.	0.
486	486	509	Qs	0.	0.	0.
486	486	510	Qs	0.	0.	0.
486	486	536	Qs	0.	0.	0.
486	486	535	Qs	0.	0.	0.
486	486	509	T+	-0.88526	-0.88526	1.480E-16
486	486	510	T+	-0.88526	-0.88526	1.564E-15
486	486	536	T+	-0.88526	-0.88526	-8.114E-17
486	486	535	T+	-0.88526	-0.88526	-1.657E-15
486	486	509	T-	0.88526	0.88526	-1.480E-16
486	486	510	T-	0.88526	0.88526	-1.564E-15
486	486	536	T-	0.88526	0.88526	8.114E-17
486	486	535	T-	0.88526	0.88526	1.657E-15
486	486	509	W	0.	0.	0.
486	486	510	W	0.	0.	0.

Table 27: Element Forces - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	F11	F22	F12
				KN/mm	KN/mm	KN/mm
486	486	536	W	0.	0.	0.
486	486	535	W	0.	0.	0.
486	486	509	Qm-1	0.	0.	0.
486	486	510	Qm-1	0.	0.	0.
486	486	536	Qm-1	0.	0.	0.
486	486	535	Qm-1	0.	0.	0.
486	486	509	Qm-2	0.	0.	0.
486	486	510	Qm-2	0.	0.	0.
486	486	536	Qm-2	0.	0.	0.
486	486	535	Qm-2	0.	0.	0.
487	487	510	DEAD	0.	0.	0.
487	487	511	DEAD	0.	0.	0.
487	487	537	DEAD	0.	0.	0.
487	487	536	DEAD	0.	0.	0.
487	487	510	G1	0.	0.	0.
487	487	511	G1	0.	0.	0.
487	487	537	G1	0.	0.	0.
487	487	536	G1	0.	0.	0.
487	487	510	G2	0.	0.	0.
487	487	511	G2	0.	0.	0.
487	487	537	G2	0.	0.	0.
487	487	536	G2	0.	0.	0.
487	487	510	Qm	0.	0.	0.
487	487	511	Qm	0.	0.	0.
487	487	537	Qm	0.	0.	0.
487	487	536	Qm	0.	0.	0.
487	487	510	Qs	0.	0.	0.
487	487	511	Qs	0.	0.	0.
487	487	537	Qs	0.	0.	0.
487	487	536	Qs	0.	0.	0.
487	487	510	T+	-0.88526	-0.88526	-8.983E-17
487	487	511	T+	-0.88526	-0.88526	-6.035E-17
487	487	537	T+	-0.88526	-0.88526	1.529E-16
487	487	536	T+	-0.88526	-0.88526	2.434E-16
487	487	510	T-	0.88526	0.88526	8.983E-17
487	487	511	T-	0.88526	0.88526	6.035E-17
487	487	537	T-	0.88526	0.88526	-1.529E-16
487	487	536	T-	0.88526	0.88526	-2.434E-16
487	487	510	W	0.	0.	0.
487	487	511	W	0.	0.	0.
487	487	537	W	0.	0.	0.
487	487	536	W	0.	0.	0.
487	487	510	Qm-1	0.	0.	0.
487	487	511	Qm-1	0.	0.	0.
487	487	537	Qm-1	0.	0.	0.
487	487	536	Qm-1	0.	0.	0.
487	487	510	Qm-2	0.	0.	0.
487	487	511	Qm-2	0.	0.	0.
487	487	537	Qm-2	0.	0.	0.
487	487	536	Qm-2	0.	0.	0.
488	488	511	DEAD	0.	0.	0.
488	488	512	DEAD	0.	0.	0.
488	488	538	DEAD	0.	0.	0.
488	488	537	DEAD	0.	0.	0.

Table 27: Element Forces - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	F11	F22	F12
				KN/mm	KN/mm	KN/mm
488	488	511	G1	0.	0.	0.
488	488	512	G1	0.	0.	0.
488	488	538	G1	0.	0.	0.
488	488	537	G1	0.	0.	0.
488	488	511	G2	0.	0.	0.
488	488	512	G2	0.	0.	0.
488	488	538	G2	0.	0.	0.
488	488	537	G2	0.	0.	0.
488	488	511	Qm	0.	0.	0.
488	488	512	Qm	0.	0.	0.
488	488	538	Qm	0.	0.	0.
488	488	537	Qm	0.	0.	0.
488	488	511	Qs	0.	0.	0.
488	488	512	Qs	0.	0.	0.
488	488	538	Qs	0.	0.	0.
488	488	537	Qs	0.	0.	0.
488	488	511	T+	-0.88526	-0.88526	-1.765E-16
488	488	512	T+	-0.88526	-0.88526	-6.185E-16
488	488	538	T+	-0.88526	-0.88526	4.270E-17
488	488	537	T+	-0.88526	-0.88526	5.646E-16
488	488	511	T-	0.88526	0.88526	1.765E-16
488	488	512	T-	0.88526	0.88526	6.185E-16
488	488	538	T-	0.88526	0.88526	-4.270E-17
488	488	537	T-	0.88526	0.88526	-5.646E-16
488	488	511	W	0.	0.	0.
488	488	512	W	0.	0.	0.
488	488	538	W	0.	0.	0.
488	488	537	W	0.	0.	0.
488	488	511	Qm-1	0.	0.	0.
488	488	512	Qm-1	0.	0.	0.
488	488	538	Qm-1	0.	0.	0.
488	488	537	Qm-1	0.	0.	0.
488	488	511	Qm-2	0.	0.	0.
488	488	512	Qm-2	0.	0.	0.
488	488	538	Qm-2	0.	0.	0.
488	488	537	Qm-2	0.	0.	0.
489	489	512	DEAD	0.	0.	0.
489	489	513	DEAD	0.	0.	0.
489	489	539	DEAD	0.	0.	0.
489	489	538	DEAD	0.	0.	0.
489	489	512	G1	0.	0.	0.
489	489	513	G1	0.	0.	0.
489	489	539	G1	0.	0.	0.
489	489	538	G1	0.	0.	0.
489	489	512	G2	0.	0.	0.
489	489	513	G2	0.	0.	0.
489	489	539	G2	0.	0.	0.
489	489	538	G2	0.	0.	0.
489	489	512	Qm	0.	0.	0.
489	489	513	Qm	0.	0.	0.
489	489	539	Qm	0.	0.	0.
489	489	538	Qm	0.	0.	0.
489	489	512	Qs	0.	0.	0.
489	489	513	Qs	0.	0.	0.

Table 27: Element Forces - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	F11	F22	F12
				KN/mm	KN/mm	KN/mm
489	489	539	Qs	0.	0.	0.
489	489	538	Qs	0.	0.	0.
489	489	512	T+	-0.88526	-0.88526	3.153E-16
489	489	513	T+	-0.88526	-0.88526	4.385E-17
489	489	539	T+	-0.88526	-0.88526	-1.382E-17
489	489	538	T+	-0.88526	-0.88526	2.976E-16
489	489	512	T-	0.88526	0.88526	-3.153E-16
489	489	513	T-	0.88526	0.88526	-4.385E-17
489	489	539	T-	0.88526	0.88526	1.382E-17
489	489	538	T-	0.88526	0.88526	-2.976E-16
489	489	512	W	0.	0.	0.
489	489	513	W	0.	0.	0.
489	489	539	W	0.	0.	0.
489	489	538	W	0.	0.	0.
489	489	512	Qm-1	0.	0.	0.
489	489	513	Qm-1	0.	0.	0.
489	489	539	Qm-1	0.	0.	0.
489	489	538	Qm-1	0.	0.	0.
489	489	512	Qm-2	0.	0.	0.
489	489	513	Qm-2	0.	0.	0.
489	489	539	Qm-2	0.	0.	0.
489	489	538	Qm-2	0.	0.	0.
490	490	513	DEAD	0.	0.	0.
490	490	514	DEAD	0.	0.	0.
490	490	540	DEAD	0.	0.	0.
490	490	539	DEAD	0.	0.	0.
490	490	513	G1	0.	0.	0.
490	490	514	G1	0.	0.	0.
490	490	540	G1	0.	0.	0.
490	490	539	G1	0.	0.	0.
490	490	513	G2	0.	0.	0.
490	490	514	G2	0.	0.	0.
490	490	540	G2	0.	0.	0.
490	490	539	G2	0.	0.	0.
490	490	513	Qm	0.	0.	0.
490	490	514	Qm	0.	0.	0.
490	490	540	Qm	0.	0.	0.
490	490	539	Qm	0.	0.	0.
490	490	513	Qs	0.	0.	0.
490	490	514	Qs	0.	0.	0.
490	490	540	Qs	0.	0.	0.
490	490	539	Qs	0.	0.	0.
490	490	513	T+	-0.88526	-0.88526	5.718E-17
490	490	514	T+	-0.88526	-0.88526	-1.887E-16
490	490	540	T+	-0.88526	-0.88526	5.945E-18
490	490	539	T+	-0.88526	-0.88526	3.718E-16
490	490	513	T-	0.88526	0.88526	-5.718E-17
490	490	514	T-	0.88526	0.88526	1.887E-16
490	490	540	T-	0.88526	0.88526	-5.945E-18
490	490	539	T-	0.88526	0.88526	-3.718E-16
490	490	513	W	0.	0.	0.
490	490	514	W	0.	0.	0.
490	490	540	W	0.	0.	0.
490	490	539	W	0.	0.	0.

Table 27: Element Forces - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	F11	F22	F12
				KN/mm	KN/mm	KN/mm
490	490	513	Qm-1	0.	0.	0.
490	490	514	Qm-1	0.	0.	0.
490	490	540	Qm-1	0.	0.	0.
490	490	539	Qm-1	0.	0.	0.
490	490	513	Qm-2	0.	0.	0.
490	490	514	Qm-2	0.	0.	0.
490	490	540	Qm-2	0.	0.	0.
490	490	539	Qm-2	0.	0.	0.
491	491	514	DEAD	0.	0.	0.
491	491	515	DEAD	0.	0.	0.
491	491	541	DEAD	0.	0.	0.
491	491	540	DEAD	0.	0.	0.
491	491	514	G1	0.	0.	0.
491	491	515	G1	0.	0.	0.
491	491	541	G1	0.	0.	0.
491	491	540	G1	0.	0.	0.
491	491	514	G2	0.	0.	0.
491	491	515	G2	0.	0.	0.
491	491	541	G2	0.	0.	0.
491	491	540	G2	0.	0.	0.
491	491	514	Qm	0.	0.	0.
491	491	515	Qm	0.	0.	0.
491	491	541	Qm	0.	0.	0.
491	491	540	Qm	0.	0.	0.
491	491	514	Qs	0.	0.	0.
491	491	515	Qs	0.	0.	0.
491	491	541	Qs	0.	0.	0.
491	491	540	Qs	0.	0.	0.
491	491	514	T+	-0.88526	-0.88526	-3.608E-16
491	491	515	T+	-0.88526	-0.88526	-6.891E-16
491	491	541	T+	-0.88526	-0.88526	1.322E-16
491	491	540	T+	-0.88526	-0.88526	3.805E-16
491	491	514	T-	0.88526	0.88526	3.608E-16
491	491	515	T-	0.88526	0.88526	6.891E-16
491	491	541	T-	0.88526	0.88526	-1.322E-16
491	491	540	T-	0.88526	0.88526	-3.805E-16
491	491	514	W	0.	0.	0.
491	491	515	W	0.	0.	0.
491	491	541	W	0.	0.	0.
491	491	540	W	0.	0.	0.
491	491	514	Qm-1	0.	0.	0.
491	491	515	Qm-1	0.	0.	0.
491	491	541	Qm-1	0.	0.	0.
491	491	540	Qm-1	0.	0.	0.
491	491	514	Qm-2	0.	0.	0.
491	491	515	Qm-2	0.	0.	0.
491	491	541	Qm-2	0.	0.	0.
491	491	540	Qm-2	0.	0.	0.
492	492	515	DEAD	0.	0.	0.
492	492	516	DEAD	0.	0.	0.
492	492	542	DEAD	0.	0.	0.
492	492	541	DEAD	0.	0.	0.
492	492	515	G1	0.	0.	0.
492	492	516	G1	0.	0.	0.

Table 27: Element Forces - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	F11	F22	F12
				KN/mm	KN/mm	KN/mm
492	492	542	G1	0.	0.	0.
492	492	541	G1	0.	0.	0.
492	492	515	G2	0.	0.	0.
492	492	516	G2	0.	0.	0.
492	492	542	G2	0.	0.	0.
492	492	541	G2	0.	0.	0.
492	492	515	Qm	0.	0.	0.
492	492	516	Qm	0.	0.	0.
492	492	542	Qm	0.	0.	0.
492	492	541	Qm	0.	0.	0.
492	492	515	Qs	0.	0.	0.
492	492	516	Qs	0.	0.	0.
492	492	542	Qs	0.	0.	0.
492	492	541	Qs	0.	0.	0.
492	492	515	T+	-0.88526	-0.88526	7.285E-17
492	492	516	T+	-0.88526	-0.88526	6.167E-16
492	492	542	T+	-0.88526	-0.88526	-2.104E-16
492	492	541	T+	-0.88526	-0.88526	-7.143E-16
492	492	515	T-	0.88526	0.88526	-7.285E-17
492	492	516	T-	0.88526	0.88526	-6.167E-16
492	492	542	T-	0.88526	0.88526	2.104E-16
492	492	541	T-	0.88526	0.88526	7.143E-16
492	492	515	W	0.	0.	0.
492	492	516	W	0.	0.	0.
492	492	542	W	0.	0.	0.
492	492	541	W	0.	0.	0.
492	492	515	Qm-1	0.	0.	0.
492	492	516	Qm-1	0.	0.	0.
492	492	542	Qm-1	0.	0.	0.
492	492	541	Qm-1	0.	0.	0.
492	492	515	Qm-2	0.	0.	0.
492	492	516	Qm-2	0.	0.	0.
492	492	542	Qm-2	0.	0.	0.
492	492	541	Qm-2	0.	0.	0.
493	493	516	DEAD	0.	0.	0.
493	493	517	DEAD	0.	0.	0.
493	493	543	DEAD	0.	0.	0.
493	493	542	DEAD	0.	0.	0.
493	493	516	G1	0.	0.	0.
493	493	517	G1	0.	0.	0.
493	493	543	G1	0.	0.	0.
493	493	542	G1	0.	0.	0.
493	493	516	G2	0.	0.	0.
493	493	517	G2	0.	0.	0.
493	493	543	G2	0.	0.	0.
493	493	542	G2	0.	0.	0.
493	493	516	Qm	0.	0.	0.
493	493	517	Qm	0.	0.	0.
493	493	543	Qm	0.	0.	0.
493	493	542	Qm	0.	0.	0.
493	493	516	Qs	0.	0.	0.
493	493	517	Qs	0.	0.	0.
493	493	543	Qs	0.	0.	0.
493	493	542	Qs	0.	0.	0.

Table 27: Element Forces - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	F11	F22	F12
				KN/mm	KN/mm	KN/mm
493	493	516	T+	-0.88526	-0.88526	-1.756E-16
493	493	517	T+	-0.88526	-0.88526	-1.314E-16
493	493	543	T+	-0.88526	-0.88526	9.133E-17
493	493	542	T+	-0.88526	-0.88526	-3.284E-17
493	493	516	T-	0.88526	0.88526	1.756E-16
493	493	517	T-	0.88526	0.88526	1.314E-16
493	493	543	T-	0.88526	0.88526	-9.133E-17
493	493	542	T-	0.88526	0.88526	3.284E-17
493	493	516	W	0.	0.	0.
493	493	517	W	0.	0.	0.
493	493	543	W	0.	0.	0.
493	493	542	W	0.	0.	0.
493	493	516	Qm-1	0.	0.	0.
493	493	517	Qm-1	0.	0.	0.
493	493	543	Qm-1	0.	0.	0.
493	493	542	Qm-1	0.	0.	0.
493	493	516	Qm-2	0.	0.	0.
493	493	517	Qm-2	0.	0.	0.
493	493	543	Qm-2	0.	0.	0.
493	493	542	Qm-2	0.	0.	0.
494	494	517	DEAD	0.	0.	0.
494	494	518	DEAD	0.	0.	0.
494	494	544	DEAD	0.	0.	0.
494	494	543	DEAD	0.	0.	0.
494	494	517	G1	0.	0.	0.
494	494	518	G1	0.	0.	0.
494	494	544	G1	0.	0.	0.
494	494	543	G1	0.	0.	0.
494	494	517	G2	0.	0.	0.
494	494	518	G2	0.	0.	0.
494	494	544	G2	0.	0.	0.
494	494	543	G2	0.	0.	0.
494	494	517	Qm	0.	0.	0.
494	494	518	Qm	0.	0.	0.
494	494	544	Qm	0.	0.	0.
494	494	543	Qm	0.	0.	0.
494	494	517	Qs	0.	0.	0.
494	494	518	Qs	0.	0.	0.
494	494	544	Qs	0.	0.	0.
494	494	543	Qs	0.	0.	0.
494	494	517	T+	-0.88526	-0.88526	1.823E-16
494	494	518	T+	-0.88526	-0.88526	-2.037E-16
494	494	544	T+	-0.88526	-0.88526	-2.377E-16
494	494	543	T+	-0.88526	-0.88526	1.084E-16
494	494	517	T-	0.88526	0.88526	-1.823E-16
494	494	518	T-	0.88526	0.88526	2.037E-16
494	494	544	T-	0.88526	0.88526	2.377E-16
494	494	543	T-	0.88526	0.88526	-1.084E-16
494	494	517	W	0.	0.	0.
494	494	518	W	0.	0.	0.
494	494	544	W	0.	0.	0.
494	494	543	W	0.	0.	0.
494	494	517	Qm-1	0.	0.	0.
494	494	518	Qm-1	0.	0.	0.

Table 27: Element Forces - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	F11	F22	F12
				KN/mm	KN/mm	KN/mm
494	494	544	Qm-1	0.	0.	0.
494	494	543	Qm-1	0.	0.	0.
494	494	517	Qm-2	0.	0.	0.
494	494	518	Qm-2	0.	0.	0.
494	494	544	Qm-2	0.	0.	0.
494	494	543	Qm-2	0.	0.	0.
495	495	518	DEAD	0.	0.	0.
495	495	519	DEAD	0.	0.	0.
495	495	545	DEAD	0.	0.	0.
495	495	544	DEAD	0.	0.	0.
495	495	518	G1	0.	0.	0.
495	495	519	G1	0.	0.	0.
495	495	545	G1	0.	0.	0.
495	495	544	G1	0.	0.	0.
495	495	518	G2	0.	0.	0.
495	495	519	G2	0.	0.	0.
495	495	545	G2	0.	0.	0.
495	495	544	G2	0.	0.	0.
495	495	518	Qm	0.	0.	0.
495	495	519	Qm	0.	0.	0.
495	495	545	Qm	0.	0.	0.
495	495	544	Qm	0.	0.	0.
495	495	518	Qs	0.	0.	0.
495	495	519	Qs	0.	0.	0.
495	495	545	Qs	0.	0.	0.
495	495	544	Qs	0.	0.	0.
495	495	518	T+	-0.88526	-0.88526	-5.623E-17
495	495	519	T+	-0.88526	-0.88526	-8.617E-16
495	495	545	T+	-0.88526	-0.88526	1.684E-16
495	495	544	T+	-0.88526	-0.88526	8.540E-16
495	495	518	T-	0.88526	0.88526	5.623E-17
495	495	519	T-	0.88526	0.88526	8.617E-16
495	495	545	T-	0.88526	0.88526	-1.684E-16
495	495	544	T-	0.88526	0.88526	-8.540E-16
495	495	518	W	0.	0.	0.
495	495	519	W	0.	0.	0.
495	495	545	W	0.	0.	0.
495	495	544	W	0.	0.	0.
495	495	518	Qm-1	0.	0.	0.
495	495	519	Qm-1	0.	0.	0.
495	495	545	Qm-1	0.	0.	0.
495	495	544	Qm-1	0.	0.	0.
495	495	518	Qm-2	0.	0.	0.
495	495	519	Qm-2	0.	0.	0.
495	495	545	Qm-2	0.	0.	0.
495	495	544	Qm-2	0.	0.	0.
496	496	519	DEAD	0.	0.	0.
496	496	520	DEAD	0.	0.	0.
496	496	546	DEAD	0.	0.	0.
496	496	545	DEAD	0.	0.	0.
496	496	519	G1	0.	0.	0.
496	496	520	G1	0.	0.	0.
496	496	546	G1	0.	0.	0.
496	496	545	G1	0.	0.	0.

Table 27: Element Forces - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	F11	F22	F12
				KN/mm	KN/mm	KN/mm
496	496	519	G2	0.	0.	0.
496	496	520	G2	0.	0.	0.
496	496	546	G2	0.	0.	0.
496	496	545	G2	0.	0.	0.
496	496	519	Qm	0.	0.	0.
496	496	520	Qm	0.	0.	0.
496	496	546	Qm	0.	0.	0.
496	496	545	Qm	0.	0.	0.
496	496	519	Qs	0.	0.	0.
496	496	520	Qs	0.	0.	0.
496	496	546	Qs	0.	0.	0.
496	496	545	Qs	0.	0.	0.
496	496	519	T+	-0.88526	-0.88526	2.116E-16
496	496	520	T+	-0.88526	-0.88526	-9.742E-16
496	496	546	T+	-0.88526	-0.88526	-3.499E-16
496	496	545	T+	-0.88526	-0.88526	8.360E-16
496	496	519	T-	0.88526	0.88526	-2.116E-16
496	496	520	T-	0.88526	0.88526	9.742E-16
496	496	546	T-	0.88526	0.88526	3.499E-16
496	496	545	T-	0.88526	0.88526	-8.360E-16
496	496	519	W	0.	0.	0.
496	496	520	W	0.	0.	0.
496	496	546	W	0.	0.	0.
496	496	545	W	0.	0.	0.
496	496	519	Qm-1	0.	0.	0.
496	496	520	Qm-1	0.	0.	0.
496	496	546	Qm-1	0.	0.	0.
496	496	545	Qm-1	0.	0.	0.
496	496	519	Qm-2	0.	0.	0.
496	496	520	Qm-2	0.	0.	0.
496	496	546	Qm-2	0.	0.	0.
496	496	545	Qm-2	0.	0.	0.
497	497	520	DEAD	0.	0.	0.
497	497	521	DEAD	0.	0.	0.
497	497	547	DEAD	0.	0.	0.
497	497	546	DEAD	0.	0.	0.
497	497	520	G1	0.	0.	0.
497	497	521	G1	0.	0.	0.
497	497	547	G1	0.	0.	0.
497	497	546	G1	0.	0.	0.
497	497	520	G2	0.	0.	0.
497	497	521	G2	0.	0.	0.
497	497	547	G2	0.	0.	0.
497	497	546	G2	0.	0.	0.
497	497	520	Qm	0.	0.	0.
497	497	521	Qm	0.	0.	0.
497	497	547	Qm	0.	0.	0.
497	497	546	Qm	0.	0.	0.
497	497	520	Qs	0.	0.	0.
497	497	521	Qs	0.	0.	0.
497	497	547	Qs	0.	0.	0.
497	497	546	Qs	0.	0.	0.
497	497	520	T+	-0.88526	-0.88526	-4.853E-16
497	497	521	T+	-0.88526	-0.88526	-3.606E-17

Table 27: Element Forces - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	F11	F22	F12
				KN/mm	KN/mm	KN/mm
497	497	547	T+	-0.88526	-0.88526	2.892E-16
497	497	546	T+	-0.88526	-0.88526	-7.997E-17
497	497	520	T-	0.88526	0.88526	4.853E-16
497	497	521	T-	0.88526	0.88526	3.606E-17
497	497	547	T-	0.88526	0.88526	-2.892E-16
497	497	546	T-	0.88526	0.88526	7.997E-17
497	497	520	W	0.	0.	0.
497	497	521	W	0.	0.	0.
497	497	547	W	0.	0.	0.
497	497	546	W	0.	0.	0.
497	497	520	Qm-1	0.	0.	0.
497	497	521	Qm-1	0.	0.	0.
497	497	547	Qm-1	0.	0.	0.
497	497	546	Qm-1	0.	0.	0.
497	497	520	Qm-2	0.	0.	0.
497	497	521	Qm-2	0.	0.	0.
497	497	547	Qm-2	0.	0.	0.
497	497	546	Qm-2	0.	0.	0.
498	498	521	DEAD	0.	0.	0.
498	498	522	DEAD	0.	0.	0.
498	498	548	DEAD	0.	0.	0.
498	498	547	DEAD	0.	0.	0.
498	498	521	G1	0.	0.	0.
498	498	522	G1	0.	0.	0.
498	498	548	G1	0.	0.	0.
498	498	547	G1	0.	0.	0.
498	498	521	G2	0.	0.	0.
498	498	522	G2	0.	0.	0.
498	498	548	G2	0.	0.	0.
498	498	547	G2	0.	0.	0.
498	498	521	Qm	0.	0.	0.
498	498	522	Qm	0.	0.	0.
498	498	548	Qm	0.	0.	0.
498	498	547	Qm	0.	0.	0.
498	498	521	Qs	0.	0.	0.
498	498	522	Qs	0.	0.	0.
498	498	548	Qs	0.	0.	0.
498	498	547	Qs	0.	0.	0.
498	498	521	T+	-0.88526	-0.88526	3.548E-16
498	498	522	T+	-0.88526	-0.88526	-1.197E-15
498	498	548	T+	-0.88526	-0.88526	8.932E-18
498	498	547	T+	-0.88526	-0.88526	1.521E-15
498	498	521	T-	0.88526	0.88526	-3.548E-16
498	498	522	T-	0.88526	0.88526	1.197E-15
498	498	548	T-	0.88526	0.88526	-8.932E-18
498	498	547	T-	0.88526	0.88526	-1.521E-15
498	498	521	W	0.	0.	0.
498	498	522	W	0.	0.	0.
498	498	548	W	0.	0.	0.
498	498	547	W	0.	0.	0.
498	498	521	Qm-1	0.	0.	0.
498	498	522	Qm-1	0.	0.	0.
498	498	548	Qm-1	0.	0.	0.
498	498	547	Qm-1	0.	0.	0.

Table 27: Element Forces - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	F11	F22	F12
				KN/mm	KN/mm	KN/mm
498	498	521	Qm-2	0.	0.	0.
498	498	522	Qm-2	0.	0.	0.
498	498	548	Qm-2	0.	0.	0.
498	498	547	Qm-2	0.	0.	0.
499	499	522	DEAD	0.	0.	0.
499	499	523	DEAD	0.	0.	0.
499	499	549	DEAD	0.	0.	0.
499	499	548	DEAD	0.	0.	0.
499	499	522	G1	0.	0.	0.
499	499	523	G1	0.	0.	0.
499	499	549	G1	0.	0.	0.
499	499	548	G1	0.	0.	0.
499	499	522	G2	0.	0.	0.
499	499	523	G2	0.	0.	0.
499	499	549	G2	0.	0.	0.
499	499	548	G2	0.	0.	0.
499	499	522	Qm	0.	0.	0.
499	499	523	Qm	0.	0.	0.
499	499	549	Qm	0.	0.	0.
499	499	548	Qm	0.	0.	0.
499	499	522	Qs	0.	0.	0.
499	499	523	Qs	0.	0.	0.
499	499	549	Qs	0.	0.	0.
499	499	548	Qs	0.	0.	0.
499	499	522	T+	-0.88526	-0.88526	-6.636E-17
499	499	523	T+	-0.88526	-0.88526	1.079E-15
499	499	549	T+	-0.88526	-0.88526	9.837E-17
499	499	548	T+	-0.88526	-0.88526	-9.671E-16
499	499	522	T-	0.88526	0.88526	6.636E-17
499	499	523	T-	0.88526	0.88526	-1.079E-15
499	499	549	T-	0.88526	0.88526	-9.837E-17
499	499	548	T-	0.88526	0.88526	9.671E-16
499	499	522	W	0.	0.	0.
499	499	523	W	0.	0.	0.
499	499	549	W	0.	0.	0.
499	499	548	W	0.	0.	0.
499	499	522	Qm-1	0.	0.	0.
499	499	523	Qm-1	0.	0.	0.
499	499	549	Qm-1	0.	0.	0.
499	499	548	Qm-1	0.	0.	0.
499	499	522	Qm-2	0.	0.	0.
499	499	523	Qm-2	0.	0.	0.
499	499	549	Qm-2	0.	0.	0.
499	499	548	Qm-2	0.	0.	0.
500	500	523	DEAD	0.	0.	0.
500	500	524	DEAD	0.	0.	0.
500	500	550	DEAD	0.	0.	0.
500	500	549	DEAD	0.	0.	0.
500	500	523	G1	0.	0.	0.
500	500	524	G1	0.	0.	0.
500	500	550	G1	0.	0.	0.
500	500	549	G1	0.	0.	0.
500	500	523	G2	0.	0.	0.
500	500	524	G2	0.	0.	0.

Table 27: Element Forces - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	F11	F22	F12
				KN/mm	KN/mm	KN/mm
500	500	550	G2	0.	0.	0.
500	500	549	G2	0.	0.	0.
500	500	523	Qm	0.	0.	0.
500	500	524	Qm	0.	0.	0.
500	500	550	Qm	0.	0.	0.
500	500	549	Qm	0.	0.	0.
500	500	523	Qs	0.	0.	0.
500	500	524	Qs	0.	0.	0.
500	500	550	Qs	0.	0.	0.
500	500	549	Qs	0.	0.	0.
500	500	523	T+	-0.88526	-0.88526	1.063E-16
500	500	524	T+	-0.88526	-0.88526	-8.721E-16
500	500	550	T+	-0.88526	-0.88526	2.866E-17
500	500	549	T+	-0.88526	-0.88526	8.072E-16
500	500	523	T-	0.88526	0.88526	-1.063E-16
500	500	524	T-	0.88526	0.88526	8.721E-16
500	500	550	T-	0.88526	0.88526	-2.866E-17
500	500	549	T-	0.88526	0.88526	-8.072E-16
500	500	523	W	0.	0.	0.
500	500	524	W	0.	0.	0.
500	500	550	W	0.	0.	0.
500	500	549	W	0.	0.	0.
500	500	523	Qm-1	0.	0.	0.
500	500	524	Qm-1	0.	0.	0.
500	500	550	Qm-1	0.	0.	0.
500	500	549	Qm-1	0.	0.	0.
500	500	523	Qm-2	0.	0.	0.
500	500	524	Qm-2	0.	0.	0.
500	500	550	Qm-2	0.	0.	0.
500	500	549	Qm-2	0.	0.	0.
501	501	524	DEAD	0.	0.	0.
501	501	525	DEAD	0.	0.	0.
501	501	551	DEAD	0.	0.	0.
501	501	550	DEAD	0.	0.	0.
501	501	524	G1	0.	0.	0.
501	501	525	G1	0.	0.	0.
501	501	551	G1	0.	0.	0.
501	501	550	G1	0.	0.	0.
501	501	524	G2	0.	0.	0.
501	501	525	G2	0.	0.	0.
501	501	551	G2	0.	0.	0.
501	501	550	G2	0.	0.	0.
501	501	524	Qm	0.	0.	0.
501	501	525	Qm	0.	0.	0.
501	501	551	Qm	0.	0.	0.
501	501	550	Qm	0.	0.	0.
501	501	524	Qs	0.	0.	0.
501	501	525	Qs	0.	0.	0.
501	501	551	Qs	0.	0.	0.
501	501	550	Qs	0.	0.	0.
501	501	524	T+	-0.88526	-0.88526	9.874E-17
501	501	525	T+	-0.88526	-0.88526	8.202E-16
501	501	551	T+	-0.88526	-0.88526	4.250E-17
501	501	550	T+	-0.88526	-0.88526	-7.590E-16

Table 27: Element Forces - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	F11	F22	F12
				KN/mm	KN/mm	KN/mm
501	501	524	T-	0.88526	0.88526	-9.874E-17
501	501	525	T-	0.88526	0.88526	-8.202E-16
501	501	551	T-	0.88526	0.88526	-4.250E-17
501	501	550	T-	0.88526	0.88526	7.590E-16
501	501	524	W	0.	0.	0.
501	501	525	W	0.	0.	0.
501	501	551	W	0.	0.	0.
501	501	550	W	0.	0.	0.
501	501	524	Qm-1	0.	0.	0.
501	501	525	Qm-1	0.	0.	0.
501	501	551	Qm-1	0.	0.	0.
501	501	550	Qm-1	0.	0.	0.
501	501	524	Qm-2	0.	0.	0.
501	501	525	Qm-2	0.	0.	0.
501	501	551	Qm-2	0.	0.	0.
501	501	550	Qm-2	0.	0.	0.
502	502	525	DEAD	0.	0.	0.
502	502	526	DEAD	0.	0.	0.
502	502	552	DEAD	0.	0.	0.
502	502	551	DEAD	0.	0.	0.
502	502	525	G1	0.	0.	0.
502	502	526	G1	0.	0.	0.
502	502	552	G1	0.	0.	0.
502	502	551	G1	0.	0.	0.
502	502	525	G2	0.	0.	0.
502	502	526	G2	0.	0.	0.
502	502	552	G2	0.	0.	0.
502	502	551	G2	0.	0.	0.
502	502	525	Qm	0.	0.	0.
502	502	526	Qm	0.	0.	0.
502	502	552	Qm	0.	0.	0.
502	502	551	Qm	0.	0.	0.
502	502	525	Qs	0.	0.	0.
502	502	526	Qs	0.	0.	0.
502	502	552	Qs	0.	0.	0.
502	502	551	Qs	0.	0.	0.
502	502	525	T+	-0.88526	-0.88526	8.464E-17
502	502	526	T+	-0.88526	-0.88526	-4.437E-16
502	502	552	T+	-0.88526	-0.88526	-2.084E-17
502	502	551	T+	-0.88526	-0.88526	5.075E-16
502	502	525	T-	0.88526	0.88526	-8.464E-17
502	502	526	T-	0.88526	0.88526	4.437E-16
502	502	552	T-	0.88526	0.88526	2.084E-17
502	502	551	T-	0.88526	0.88526	-5.075E-16
502	502	525	W	0.	0.	0.
502	502	526	W	0.	0.	0.
502	502	552	W	0.	0.	0.
502	502	551	W	0.	0.	0.
502	502	525	Qm-1	0.	0.	0.
502	502	526	Qm-1	0.	0.	0.
502	502	552	Qm-1	0.	0.	0.
502	502	551	Qm-1	0.	0.	0.
502	502	525	Qm-2	0.	0.	0.
502	502	526	Qm-2	0.	0.	0.

Table 27: Element Forces - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	F11	F22	F12
				KN/mm	KN/mm	KN/mm
502	502	552	Qm-2	0.	0.	0.
502	502	551	Qm-2	0.	0.	0.
503	503	527	DEAD	0.	0.	0.
503	503	528	DEAD	0.	0.	0.
503	503	554	DEAD	0.	0.	0.
503	503	553	DEAD	0.	0.	0.
503	503	527	G1	0.	0.	0.
503	503	528	G1	0.	0.	0.
503	503	554	G1	0.	0.	0.
503	503	553	G1	0.	0.	0.
503	503	527	G2	0.	0.	0.
503	503	528	G2	0.	0.	0.
503	503	554	G2	0.	0.	0.
503	503	553	G2	0.	0.	0.
503	503	527	Qm	0.	0.	0.
503	503	528	Qm	0.	0.	0.
503	503	554	Qm	0.	0.	0.
503	503	553	Qm	0.	0.	0.
503	503	527	Qs	0.	0.	0.
503	503	528	Qs	0.	0.	0.
503	503	554	Qs	0.	0.	0.
503	503	553	Qs	0.	0.	0.
503	503	527	T+	-0.88526	-0.88526	-7.328E-17
503	503	528	T+	-0.88526	-0.88526	-4.485E-17
503	503	554	T+	-0.88526	-0.88526	1.364E-16
503	503	553	T+	-0.88526	-0.88526	2.279E-16
503	503	527	T-	0.88526	0.88526	7.328E-17
503	503	528	T-	0.88526	0.88526	4.485E-17
503	503	554	T-	0.88526	0.88526	-1.364E-16
503	503	553	T-	0.88526	0.88526	-2.279E-16
503	503	527	W	0.	0.	0.
503	503	528	W	0.	0.	0.
503	503	554	W	0.	0.	0.
503	503	553	W	0.	0.	0.
503	503	527	Qm-1	0.	0.	0.
503	503	528	Qm-1	0.	0.	0.
503	503	554	Qm-1	0.	0.	0.
503	503	553	Qm-1	0.	0.	0.
503	503	527	Qm-2	0.	0.	0.
503	503	528	Qm-2	0.	0.	0.
503	503	554	Qm-2	0.	0.	0.
503	503	553	Qm-2	0.	0.	0.
504	504	528	DEAD	0.	0.	0.
504	504	529	DEAD	0.	0.	0.
504	504	555	DEAD	0.	0.	0.
504	504	554	DEAD	0.	0.	0.
504	504	528	G1	0.	0.	0.
504	504	529	G1	0.	0.	0.
504	504	555	G1	0.	0.	0.
504	504	554	G1	0.	0.	0.
504	504	528	G2	0.	0.	0.
504	504	529	G2	0.	0.	0.
504	504	555	G2	0.	0.	0.
504	504	554	G2	0.	0.	0.

Table 27: Element Forces - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	F11	F22	F12
				KN/mm	KN/mm	KN/mm
504	504	528	Qm	0.	0.	0.
504	504	529	Qm	0.	0.	0.
504	504	555	Qm	0.	0.	0.
504	504	554	Qm	0.	0.	0.
504	504	528	Qs	0.	0.	0.
504	504	529	Qs	0.	0.	0.
504	504	555	Qs	0.	0.	0.
504	504	554	Qs	0.	0.	0.
504	504	528	T+	-0.88526	-0.88526	1.860E-16
504	504	529	T+	-0.88526	-0.88526	-3.619E-16
504	504	555	T+	-0.88526	-0.88526	4.967E-17
504	504	554	T+	-0.88526	-0.88526	6.375E-16
504	504	528	T-	0.88526	0.88526	-1.860E-16
504	504	529	T-	0.88526	0.88526	3.619E-16
504	504	555	T-	0.88526	0.88526	-4.967E-17
504	504	554	T-	0.88526	0.88526	-6.375E-16
504	504	528	W	0.	0.	0.
504	504	529	W	0.	0.	0.
504	504	555	W	0.	0.	0.
504	504	554	W	0.	0.	0.
504	504	528	Qm-1	0.	0.	0.
504	504	529	Qm-1	0.	0.	0.
504	504	555	Qm-1	0.	0.	0.
504	504	554	Qm-1	0.	0.	0.
504	504	528	Qm-2	0.	0.	0.
504	504	529	Qm-2	0.	0.	0.
504	504	555	Qm-2	0.	0.	0.
504	504	554	Qm-2	0.	0.	0.
505	505	529	DEAD	0.	0.	0.
505	505	530	DEAD	0.	0.	0.
505	505	556	DEAD	0.	0.	0.
505	505	555	DEAD	0.	0.	0.
505	505	529	G1	0.	0.	0.
505	505	530	G1	0.	0.	0.
505	505	556	G1	0.	0.	0.
505	505	555	G1	0.	0.	0.
505	505	529	G2	0.	0.	0.
505	505	530	G2	0.	0.	0.
505	505	556	G2	0.	0.	0.
505	505	555	G2	0.	0.	0.
505	505	529	Qm	0.	0.	0.
505	505	530	Qm	0.	0.	0.
505	505	556	Qm	0.	0.	0.
505	505	555	Qm	0.	0.	0.
505	505	529	Qs	0.	0.	0.
505	505	530	Qs	0.	0.	0.
505	505	556	Qs	0.	0.	0.
505	505	555	Qs	0.	0.	0.
505	505	529	T+	-0.88526	-0.88526	-1.086E-16
505	505	530	T+	-0.88526	-0.88526	3.344E-16
505	505	556	T+	-0.88526	-0.88526	1.155E-16
505	505	555	T+	-0.88526	-0.88526	-3.276E-16
505	505	529	T-	0.88526	0.88526	1.086E-16
505	505	530	T-	0.88526	0.88526	-3.344E-16

Table 27: Element Forces - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	F11	F22	F12
				KN/mm	KN/mm	KN/mm
505	505	556	T-	0.88526	0.88526	-1.155E-16
505	505	555	T-	0.88526	0.88526	3.276E-16
505	505	529	W	0.	0.	0.
505	505	530	W	0.	0.	0.
505	505	556	W	0.	0.	0.
505	505	555	W	0.	0.	0.
505	505	529	Qm-1	0.	0.	0.
505	505	530	Qm-1	0.	0.	0.
505	505	556	Qm-1	0.	0.	0.
505	505	555	Qm-1	0.	0.	0.
505	505	529	Qm-2	0.	0.	0.
505	505	530	Qm-2	0.	0.	0.
505	505	556	Qm-2	0.	0.	0.
505	505	555	Qm-2	0.	0.	0.
506	506	530	DEAD	0.	0.	0.
506	506	531	DEAD	0.	0.	0.
506	506	557	DEAD	0.	0.	0.
506	506	556	DEAD	0.	0.	0.
506	506	530	G1	0.	0.	0.
506	506	531	G1	0.	0.	0.
506	506	557	G1	0.	0.	0.
506	506	556	G1	0.	0.	0.
506	506	530	G2	0.	0.	0.
506	506	531	G2	0.	0.	0.
506	506	557	G2	0.	0.	0.
506	506	556	G2	0.	0.	0.
506	506	530	Qm	0.	0.	0.
506	506	531	Qm	0.	0.	0.
506	506	557	Qm	0.	0.	0.
506	506	556	Qm	0.	0.	0.
506	506	530	Qs	0.	0.	0.
506	506	531	Qs	0.	0.	0.
506	506	557	Qs	0.	0.	0.
506	506	556	Qs	0.	0.	0.
506	506	530	T+	-0.88526	-0.88526	2.747E-16
506	506	531	T+	-0.88526	-0.88526	4.304E-16
506	506	557	T+	-0.88526	-0.88526	-6.696E-17
506	506	556	T+	-0.88526	-0.88526	-2.626E-16
506	506	530	T-	0.88526	0.88526	-2.747E-16
506	506	531	T-	0.88526	0.88526	-4.304E-16
506	506	557	T-	0.88526	0.88526	6.696E-17
506	506	556	T-	0.88526	0.88526	2.626E-16
506	506	530	W	0.	0.	0.
506	506	531	W	0.	0.	0.
506	506	557	W	0.	0.	0.
506	506	556	W	0.	0.	0.
506	506	530	Qm-1	0.	0.	0.
506	506	531	Qm-1	0.	0.	0.
506	506	557	Qm-1	0.	0.	0.
506	506	556	Qm-1	0.	0.	0.
506	506	530	Qm-2	0.	0.	0.
506	506	531	Qm-2	0.	0.	0.
506	506	557	Qm-2	0.	0.	0.
506	506	556	Qm-2	0.	0.	0.

Table 27: Element Forces - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	F11	F22	F12
				KN/mm	KN/mm	KN/mm
507	507	531	DEAD	0.	0.	0.
507	507	532	DEAD	0.	0.	0.
507	507	558	DEAD	0.	0.	0.
507	507	557	DEAD	0.	0.	0.
507	507	531	G1	0.	0.	0.
507	507	532	G1	0.	0.	0.
507	507	558	G1	0.	0.	0.
507	507	557	G1	0.	0.	0.
507	507	531	G2	0.	0.	0.
507	507	532	G2	0.	0.	0.
507	507	558	G2	0.	0.	0.
507	507	557	G2	0.	0.	0.
507	507	531	Qm	0.	0.	0.
507	507	532	Qm	0.	0.	0.
507	507	558	Qm	0.	0.	0.
507	507	557	Qm	0.	0.	0.
507	507	531	Qs	0.	0.	0.
507	507	532	Qs	0.	0.	0.
507	507	558	Qs	0.	0.	0.
507	507	557	Qs	0.	0.	0.
507	507	531	T+	-0.88526	-0.88526	-3.588E-16
507	507	532	T+	-0.88526	-0.88526	-2.007E-16
507	507	558	T+	-0.88526	-0.88526	1.152E-16
507	507	557	T+	-0.88526	-0.88526	-8.291E-17
507	507	531	T-	0.88526	0.88526	3.588E-16
507	507	532	T-	0.88526	0.88526	2.007E-16
507	507	558	T-	0.88526	0.88526	-1.152E-16
507	507	557	T-	0.88526	0.88526	8.291E-17
507	507	531	W	0.	0.	0.
507	507	532	W	0.	0.	0.
507	507	558	W	0.	0.	0.
507	507	557	W	0.	0.	0.
507	507	531	Qm-1	0.	0.	0.
507	507	532	Qm-1	0.	0.	0.
507	507	558	Qm-1	0.	0.	0.
507	507	557	Qm-1	0.	0.	0.
507	507	531	Qm-2	0.	0.	0.
507	507	532	Qm-2	0.	0.	0.
507	507	558	Qm-2	0.	0.	0.
507	507	557	Qm-2	0.	0.	0.
508	508	532	DEAD	0.	0.	0.
508	508	533	DEAD	0.	0.	0.
508	508	559	DEAD	0.	0.	0.
508	508	558	DEAD	0.	0.	0.
508	508	532	G1	0.	0.	0.
508	508	533	G1	0.	0.	0.
508	508	559	G1	0.	0.	0.
508	508	558	G1	0.	0.	0.
508	508	532	G2	0.	0.	0.
508	508	533	G2	0.	0.	0.
508	508	559	G2	0.	0.	0.
508	508	558	G2	0.	0.	0.
508	508	532	Qm	0.	0.	0.
508	508	533	Qm	0.	0.	0.

Table 27: Element Forces - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	F11	F22	F12
				KN/mm	KN/mm	KN/mm
508	508	559	Qm	0.	0.	0.
508	508	558	Qm	0.	0.	0.
508	508	532	Qs	0.	0.	0.
508	508	533	Qs	0.	0.	0.
508	508	559	Qs	0.	0.	0.
508	508	558	Qs	0.	0.	0.
508	508	532	T+	-0.88526	-0.88526	-1.002E-17
508	508	533	T+	-0.88526	-0.88526	-2.005E-16
508	508	559	T+	-0.88526	-0.88526	1.815E-16
508	508	558	T+	-0.88526	-0.88526	3.720E-16
508	508	532	T-	0.88526	0.88526	1.002E-17
508	508	533	T-	0.88526	0.88526	2.005E-16
508	508	559	T-	0.88526	0.88526	-1.815E-16
508	508	558	T-	0.88526	0.88526	-3.720E-16
508	508	532	W	0.	0.	0.
508	508	533	W	0.	0.	0.
508	508	559	W	0.	0.	0.
508	508	558	W	0.	0.	0.
508	508	532	Qm-1	0.	0.	0.
508	508	533	Qm-1	0.	0.	0.
508	508	559	Qm-1	0.	0.	0.
508	508	558	Qm-1	0.	0.	0.
508	508	532	Qm-2	0.	0.	0.
508	508	533	Qm-2	0.	0.	0.
508	508	559	Qm-2	0.	0.	0.
508	508	558	Qm-2	0.	0.	0.
509	509	533	DEAD	0.	0.	0.
509	509	534	DEAD	0.	0.	0.
509	509	560	DEAD	0.	0.	0.
509	509	559	DEAD	0.	0.	0.
509	509	533	G1	0.	0.	0.
509	509	534	G1	0.	0.	0.
509	509	560	G1	0.	0.	0.
509	509	559	G1	0.	0.	0.
509	509	533	G2	0.	0.	0.
509	509	534	G2	0.	0.	0.
509	509	560	G2	0.	0.	0.
509	509	559	G2	0.	0.	0.
509	509	533	Qm	0.	0.	0.
509	509	534	Qm	0.	0.	0.
509	509	560	Qm	0.	0.	0.
509	509	559	Qm	0.	0.	0.
509	509	533	Qs	0.	0.	0.
509	509	534	Qs	0.	0.	0.
509	509	560	Qs	0.	0.	0.
509	509	559	Qs	0.	0.	0.
509	509	533	T+	-0.88526	-0.88526	1.380E-17
509	509	534	T+	-0.88526	-0.88526	1.586E-15
509	509	560	T+	-0.88526	-0.88526	2.022E-17
509	509	559	T+	-0.88526	-0.88526	-1.552E-15
509	509	533	T-	0.88526	0.88526	-1.380E-17
509	509	534	T-	0.88526	0.88526	-1.586E-15
509	509	560	T-	0.88526	0.88526	-2.022E-17
509	509	559	T-	0.88526	0.88526	1.552E-15

Table 27: Element Forces - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	F11	F22	F12
				KN/mm	KN/mm	KN/mm
509	509	533	W	0.	0.	0.
509	509	534	W	0.	0.	0.
509	509	560	W	0.	0.	0.
509	509	559	W	0.	0.	0.
509	509	533	Qm-1	0.	0.	0.
509	509	534	Qm-1	0.	0.	0.
509	509	560	Qm-1	0.	0.	0.
509	509	559	Qm-1	0.	0.	0.
509	509	533	Qm-2	0.	0.	0.
509	509	534	Qm-2	0.	0.	0.
509	509	560	Qm-2	0.	0.	0.
509	509	559	Qm-2	0.	0.	0.
510	510	534	DEAD	0.	0.	0.
510	510	535	DEAD	0.	0.	0.
510	510	561	DEAD	0.	0.	0.
510	510	560	DEAD	0.	0.	0.
510	510	534	G1	0.	0.	0.
510	510	535	G1	0.	0.	0.
510	510	561	G1	0.	0.	0.
510	510	560	G1	0.	0.	0.
510	510	534	G2	0.	0.	0.
510	510	535	G2	0.	0.	0.
510	510	561	G2	0.	0.	0.
510	510	560	G2	0.	0.	0.
510	510	534	Qm	0.	0.	0.
510	510	535	Qm	0.	0.	0.
510	510	561	Qm	0.	0.	0.
510	510	560	Qm	0.	0.	0.
510	510	534	Qs	0.	0.	0.
510	510	535	Qs	0.	0.	0.
510	510	561	Qs	0.	0.	0.
510	510	560	Qs	0.	0.	0.
510	510	534	T+	-0.88526	-0.88526	3.037E-16
510	510	535	T+	-0.88526	-0.88526	3.887E-16
510	510	561	T+	-0.88526	-0.88526	-1.951E-16
510	510	560	T+	-0.88526	-0.88526	-2.801E-16
510	510	534	T-	0.88526	0.88526	-3.037E-16
510	510	535	T-	0.88526	0.88526	-3.887E-16
510	510	561	T-	0.88526	0.88526	1.951E-16
510	510	560	T-	0.88526	0.88526	2.801E-16
510	510	534	W	0.	0.	0.
510	510	535	W	0.	0.	0.
510	510	561	W	0.	0.	0.
510	510	560	W	0.	0.	0.
510	510	534	Qm-1	0.	0.	0.
510	510	535	Qm-1	0.	0.	0.
510	510	561	Qm-1	0.	0.	0.
510	510	560	Qm-1	0.	0.	0.
510	510	534	Qm-2	0.	0.	0.
510	510	535	Qm-2	0.	0.	0.
510	510	561	Qm-2	0.	0.	0.
510	510	560	Qm-2	0.	0.	0.
511	511	535	DEAD	0.	0.	0.
511	511	536	DEAD	0.	0.	0.

Table 27: Element Forces - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	F11	F22	F12
				KN/mm	KN/mm	KN/mm
511	511	562	DEAD	0.	0.	0.
511	511	561	DEAD	0.	0.	0.
511	511	535	G1	0.	0.	0.
511	511	536	G1	0.	0.	0.
511	511	562	G1	0.	0.	0.
511	511	561	G1	0.	0.	0.
511	511	535	G2	0.	0.	0.
511	511	536	G2	0.	0.	0.
511	511	562	G2	0.	0.	0.
511	511	561	G2	0.	0.	0.
511	511	535	Qm	0.	0.	0.
511	511	536	Qm	0.	0.	0.
511	511	562	Qm	0.	0.	0.
511	511	561	Qm	0.	0.	0.
511	511	535	Qs	0.	0.	0.
511	511	536	Qs	0.	0.	0.
511	511	562	Qs	0.	0.	0.
511	511	561	Qs	0.	0.	0.
511	511	535	T+	-0.88526	-0.88526	-3.392E-16
511	511	536	T+	-0.88526	-0.88526	-2.353E-16
511	511	562	T+	-0.88526	-0.88526	1.957E-16
511	511	561	T+	-0.88526	-0.88526	-2.815E-17
511	511	535	T-	0.88526	0.88526	3.392E-16
511	511	536	T-	0.88526	0.88526	2.353E-16
511	511	562	T-	0.88526	0.88526	-1.957E-16
511	511	561	T-	0.88526	0.88526	2.815E-17
511	511	535	W	0.	0.	0.
511	511	536	W	0.	0.	0.
511	511	562	W	0.	0.	0.
511	511	561	W	0.	0.	0.
511	511	535	Qm-1	0.	0.	0.
511	511	536	Qm-1	0.	0.	0.
511	511	562	Qm-1	0.	0.	0.
511	511	561	Qm-1	0.	0.	0.
511	511	535	Qm-2	0.	0.	0.
511	511	536	Qm-2	0.	0.	0.
511	511	562	Qm-2	0.	0.	0.
511	511	561	Qm-2	0.	0.	0.
512	512	536	DEAD	0.	0.	0.
512	512	537	DEAD	0.	0.	0.
512	512	563	DEAD	0.	0.	0.
512	512	562	DEAD	0.	0.	0.
512	512	536	G1	0.	0.	0.
512	512	537	G1	0.	0.	0.
512	512	563	G1	0.	0.	0.
512	512	562	G1	0.	0.	0.
512	512	536	G2	0.	0.	0.
512	512	537	G2	0.	0.	0.
512	512	563	G2	0.	0.	0.
512	512	562	G2	0.	0.	0.
512	512	536	Qm	0.	0.	0.
512	512	537	Qm	0.	0.	0.
512	512	563	Qm	0.	0.	0.
512	512	562	Qm	0.	0.	0.

Table 27: Element Forces - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	F11	F22	F12
				KN/mm	KN/mm	KN/mm
512	512	536	Qs	0.	0.	0.
512	512	537	Qs	0.	0.	0.
512	512	563	Qs	0.	0.	0.
512	512	562	Qs	0.	0.	0.
512	512	536	T+	-0.88526	-0.88526	1.065E-16
512	512	537	T+	-0.88526	-0.88526	-6.961E-17
512	512	563	T+	-0.88526	-0.88526	-4.339E-17
512	512	562	T+	-0.88526	-0.88526	2.527E-16
512	512	536	T-	0.88526	0.88526	-1.065E-16
512	512	537	T-	0.88526	0.88526	6.961E-17
512	512	563	T-	0.88526	0.88526	4.339E-17
512	512	562	T-	0.88526	0.88526	-2.527E-16
512	512	536	W	0.	0.	0.
512	512	537	W	0.	0.	0.
512	512	563	W	0.	0.	0.
512	512	562	W	0.	0.	0.
512	512	536	Qm-1	0.	0.	0.
512	512	537	Qm-1	0.	0.	0.
512	512	563	Qm-1	0.	0.	0.
512	512	562	Qm-1	0.	0.	0.
512	512	536	Qm-2	0.	0.	0.
512	512	537	Qm-2	0.	0.	0.
512	512	563	Qm-2	0.	0.	0.
512	512	562	Qm-2	0.	0.	0.
513	513	537	DEAD	0.	0.	0.
513	513	538	DEAD	0.	0.	0.
513	513	564	DEAD	0.	0.	0.
513	513	563	DEAD	0.	0.	0.
513	513	537	G1	0.	0.	0.
513	513	538	G1	0.	0.	0.
513	513	564	G1	0.	0.	0.
513	513	563	G1	0.	0.	0.
513	513	537	G2	0.	0.	0.
513	513	538	G2	0.	0.	0.
513	513	564	G2	0.	0.	0.
513	513	563	G2	0.	0.	0.
513	513	537	Qm	0.	0.	0.
513	513	538	Qm	0.	0.	0.
513	513	564	Qm	0.	0.	0.
513	513	563	Qm	0.	0.	0.
513	513	537	Qs	0.	0.	0.
513	513	538	Qs	0.	0.	0.
513	513	564	Qs	0.	0.	0.
513	513	563	Qs	0.	0.	0.
513	513	537	T+	-0.88526	-0.88526	-1.644E-16
513	513	538	T+	-0.88526	-0.88526	-5.463E-16
513	513	564	T+	-0.88526	-0.88526	1.178E-16
513	513	563	T+	-0.88526	-0.88526	3.797E-16
513	513	537	T-	0.88526	0.88526	1.644E-16
513	513	538	T-	0.88526	0.88526	5.463E-16
513	513	564	T-	0.88526	0.88526	-1.178E-16
513	513	563	T-	0.88526	0.88526	-3.797E-16
513	513	537	W	0.	0.	0.
513	513	538	W	0.	0.	0.

Table 27: Element Forces - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	F11	F22	F12
				KN/mm	KN/mm	KN/mm
513	513	564	W	0.	0.	0.
513	513	563	W	0.	0.	0.
513	513	537	Qm-1	0.	0.	0.
513	513	538	Qm-1	0.	0.	0.
513	513	564	Qm-1	0.	0.	0.
513	513	563	Qm-1	0.	0.	0.
513	513	537	Qm-2	0.	0.	0.
513	513	538	Qm-2	0.	0.	0.
513	513	564	Qm-2	0.	0.	0.
513	513	563	Qm-2	0.	0.	0.
514	514	538	DEAD	0.	0.	0.
514	514	539	DEAD	0.	0.	0.
514	514	565	DEAD	0.	0.	0.
514	514	564	DEAD	0.	0.	0.
514	514	538	G1	0.	0.	0.
514	514	539	G1	0.	0.	0.
514	514	565	G1	0.	0.	0.
514	514	564	G1	0.	0.	0.
514	514	538	G2	0.	0.	0.
514	514	539	G2	0.	0.	0.
514	514	565	G2	0.	0.	0.
514	514	564	G2	0.	0.	0.
514	514	538	Qm	0.	0.	0.
514	514	539	Qm	0.	0.	0.
514	514	565	Qm	0.	0.	0.
514	514	564	Qm	0.	0.	0.
514	514	538	Qs	0.	0.	0.
514	514	539	Qs	0.	0.	0.
514	514	565	Qs	0.	0.	0.
514	514	564	Qs	0.	0.	0.
514	514	538	T+	-0.88526	-0.88526	1.909E-16
514	514	539	T+	-0.88526	-0.88526	-7.265E-16
514	514	565	T+	-0.88526	-0.88526	-1.490E-16
514	514	564	T+	-0.88526	-0.88526	8.884E-16
514	514	538	T-	0.88526	0.88526	-1.909E-16
514	514	539	T-	0.88526	0.88526	7.265E-16
514	514	565	T-	0.88526	0.88526	1.490E-16
514	514	564	T-	0.88526	0.88526	-8.884E-16
514	514	538	W	0.	0.	0.
514	514	539	W	0.	0.	0.
514	514	565	W	0.	0.	0.
514	514	564	W	0.	0.	0.
514	514	538	Qm-1	0.	0.	0.
514	514	539	Qm-1	0.	0.	0.
514	514	565	Qm-1	0.	0.	0.
514	514	564	Qm-1	0.	0.	0.
514	514	538	Qm-2	0.	0.	0.
514	514	539	Qm-2	0.	0.	0.
514	514	565	Qm-2	0.	0.	0.
514	514	564	Qm-2	0.	0.	0.
515	515	539	DEAD	0.	0.	0.
515	515	540	DEAD	0.	0.	0.
515	515	566	DEAD	0.	0.	0.
515	515	565	DEAD	0.	0.	0.

Table 27: Element Forces - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	F11	F22	F12
				KN/mm	KN/mm	KN/mm
515	515	539	G1	0.	0.	0.
515	515	540	G1	0.	0.	0.
515	515	566	G1	0.	0.	0.
515	515	565	G1	0.	0.	0.
515	515	539	G2	0.	0.	0.
515	515	540	G2	0.	0.	0.
515	515	566	G2	0.	0.	0.
515	515	565	G2	0.	0.	0.
515	515	539	Qm	0.	0.	0.
515	515	540	Qm	0.	0.	0.
515	515	566	Qm	0.	0.	0.
515	515	565	Qm	0.	0.	0.
515	515	539	Qs	0.	0.	0.
515	515	540	Qs	0.	0.	0.
515	515	566	Qs	0.	0.	0.
515	515	565	Qs	0.	0.	0.
515	515	539	T+	-0.88526	-0.88526	-2.465E-17
515	515	540	T+	-0.88526	-0.88526	-6.667E-17
515	515	566	T+	-0.88526	-0.88526	8.777E-17
515	515	565	T+	-0.88526	-0.88526	2.498E-16
515	515	539	T-	0.88526	0.88526	2.465E-17
515	515	540	T-	0.88526	0.88526	6.667E-17
515	515	566	T-	0.88526	0.88526	-8.777E-17
515	515	565	T-	0.88526	0.88526	-2.498E-16
515	515	539	W	0.	0.	0.
515	515	540	W	0.	0.	0.
515	515	566	W	0.	0.	0.
515	515	565	W	0.	0.	0.
515	515	539	Qm-1	0.	0.	0.
515	515	540	Qm-1	0.	0.	0.
515	515	566	Qm-1	0.	0.	0.
515	515	565	Qm-1	0.	0.	0.
515	515	539	Qm-2	0.	0.	0.
515	515	540	Qm-2	0.	0.	0.
515	515	566	Qm-2	0.	0.	0.
515	515	565	Qm-2	0.	0.	0.
516	516	540	DEAD	0.	0.	0.
516	516	541	DEAD	0.	0.	0.
516	516	567	DEAD	0.	0.	0.
516	516	566	DEAD	0.	0.	0.
516	516	540	G1	0.	0.	0.
516	516	541	G1	0.	0.	0.
516	516	567	G1	0.	0.	0.
516	516	566	G1	0.	0.	0.
516	516	540	G2	0.	0.	0.
516	516	541	G2	0.	0.	0.
516	516	567	G2	0.	0.	0.
516	516	566	G2	0.	0.	0.
516	516	540	Qm	0.	0.	0.
516	516	541	Qm	0.	0.	0.
516	516	567	Qm	0.	0.	0.
516	516	566	Qm	0.	0.	0.
516	516	540	Qs	0.	0.	0.
516	516	541	Qs	0.	0.	0.

Table 27: Element Forces - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	F11	F22	F12
				KN/mm	KN/mm	KN/mm
516	516	567	Qs	0.	0.	0.
516	516	566	Qs	0.	0.	0.
516	516	540	T+	-0.88526	-0.88526	2.591E-16
516	516	541	T+	-0.88526	-0.88526	-7.531E-16
516	516	567	T+	-0.88526	-0.88526	1.073E-18
516	516	566	T+	-0.88526	-0.88526	8.534E-16
516	516	540	T-	0.88526	0.88526	-2.591E-16
516	516	541	T-	0.88526	0.88526	7.531E-16
516	516	567	T-	0.88526	0.88526	-1.073E-18
516	516	566	T-	0.88526	0.88526	-8.534E-16
516	516	540	W	0.	0.	0.
516	516	541	W	0.	0.	0.
516	516	567	W	0.	0.	0.
516	516	566	W	0.	0.	0.
516	516	540	Qm-1	0.	0.	0.
516	516	541	Qm-1	0.	0.	0.
516	516	567	Qm-1	0.	0.	0.
516	516	566	Qm-1	0.	0.	0.
516	516	540	Qm-2	0.	0.	0.
516	516	541	Qm-2	0.	0.	0.
516	516	567	Qm-2	0.	0.	0.
516	516	566	Qm-2	0.	0.	0.
517	517	541	DEAD	0.	0.	0.
517	517	542	DEAD	0.	0.	0.
517	517	568	DEAD	0.	0.	0.
517	517	567	DEAD	0.	0.	0.
517	517	541	G1	0.	0.	0.
517	517	542	G1	0.	0.	0.
517	517	568	G1	0.	0.	0.
517	517	567	G1	0.	0.	0.
517	517	541	G2	0.	0.	0.
517	517	542	G2	0.	0.	0.
517	517	568	G2	0.	0.	0.
517	517	567	G2	0.	0.	0.
517	517	541	Qm	0.	0.	0.
517	517	542	Qm	0.	0.	0.
517	517	568	Qm	0.	0.	0.
517	517	567	Qm	0.	0.	0.
517	517	541	Qs	0.	0.	0.
517	517	542	Qs	0.	0.	0.
517	517	568	Qs	0.	0.	0.
517	517	567	Qs	0.	0.	0.
517	517	541	T+	-0.88526	-0.88526	-6.902E-17
517	517	542	T+	-0.88526	-0.88526	1.266E-15
517	517	568	T+	-0.88526	-0.88526	2.623E-16
517	517	567	T+	-0.88526	-0.88526	-9.930E-16
517	517	541	T-	0.88526	0.88526	6.902E-17
517	517	542	T-	0.88526	0.88526	-1.266E-15
517	517	568	T-	0.88526	0.88526	-2.623E-16
517	517	567	T-	0.88526	0.88526	9.930E-16
517	517	541	W	0.	0.	0.
517	517	542	W	0.	0.	0.
517	517	568	W	0.	0.	0.
517	517	567	W	0.	0.	0.

Table 27: Element Forces - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	F11	F22	F12
				KN/mm	KN/mm	KN/mm
517	517	541	Qm-1	0.	0.	0.
517	517	542	Qm-1	0.	0.	0.
517	517	568	Qm-1	0.	0.	0.
517	517	567	Qm-1	0.	0.	0.
517	517	541	Qm-2	0.	0.	0.
517	517	542	Qm-2	0.	0.	0.
517	517	568	Qm-2	0.	0.	0.
517	517	567	Qm-2	0.	0.	0.
518	518	542	DEAD	0.	0.	0.
518	518	543	DEAD	0.	0.	0.
518	518	569	DEAD	0.	0.	0.
518	518	568	DEAD	0.	0.	0.
518	518	542	G1	0.	0.	0.
518	518	543	G1	0.	0.	0.
518	518	569	G1	0.	0.	0.
518	518	568	G1	0.	0.	0.
518	518	542	G2	0.	0.	0.
518	518	543	G2	0.	0.	0.
518	518	569	G2	0.	0.	0.
518	518	568	G2	0.	0.	0.
518	518	542	Qm	0.	0.	0.
518	518	543	Qm	0.	0.	0.
518	518	569	Qm	0.	0.	0.
518	518	568	Qm	0.	0.	0.
518	518	542	Qs	0.	0.	0.
518	518	543	Qs	0.	0.	0.
518	518	569	Qs	0.	0.	0.
518	518	568	Qs	0.	0.	0.
518	518	542	T+	-0.88526	-0.88526	2.938E-16
518	518	543	T+	-0.88526	-0.88526	1.959E-16
518	518	569	T+	-0.88526	-0.88526	-1.785E-16
518	518	568	T+	-0.88526	-0.88526	-2.006E-16
518	518	542	T-	0.88526	0.88526	-2.938E-16
518	518	543	T-	0.88526	0.88526	-1.959E-16
518	518	569	T-	0.88526	0.88526	1.785E-16
518	518	568	T-	0.88526	0.88526	2.006E-16
518	518	542	W	0.	0.	0.
518	518	543	W	0.	0.	0.
518	518	569	W	0.	0.	0.
518	518	568	W	0.	0.	0.
518	518	542	Qm-1	0.	0.	0.
518	518	543	Qm-1	0.	0.	0.
518	518	569	Qm-1	0.	0.	0.
518	518	568	Qm-1	0.	0.	0.
518	518	542	Qm-2	0.	0.	0.
518	518	543	Qm-2	0.	0.	0.
518	518	569	Qm-2	0.	0.	0.
518	518	568	Qm-2	0.	0.	0.
519	519	543	DEAD	0.	0.	0.
519	519	544	DEAD	0.	0.	0.
519	519	570	DEAD	0.	0.	0.
519	519	569	DEAD	0.	0.	0.
519	519	543	G1	0.	0.	0.
519	519	544	G1	0.	0.	0.

Table 27: Element Forces - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	F11	F22	F12
				KN/mm	KN/mm	KN/mm
519	519	570	G1	0.	0.	0.
519	519	569	G1	0.	0.	0.
519	519	543	G2	0.	0.	0.
519	519	544	G2	0.	0.	0.
519	519	570	G2	0.	0.	0.
519	519	569	G2	0.	0.	0.
519	519	543	Qm	0.	0.	0.
519	519	544	Qm	0.	0.	0.
519	519	570	Qm	0.	0.	0.
519	519	569	Qm	0.	0.	0.
519	519	543	Qs	0.	0.	0.
519	519	544	Qs	0.	0.	0.
519	519	570	Qs	0.	0.	0.
519	519	569	Qs	0.	0.	0.
519	519	543	T+	-0.88526	-0.88526	-1.754E-16
519	519	544	T+	-0.88526	-0.88526	-2.584E-16
519	519	570	T+	-0.88526	-0.88526	1.201E-16
519	519	569	T+	-0.88526	-0.88526	1.631E-16
519	519	543	T-	0.88526	0.88526	1.754E-16
519	519	544	T-	0.88526	0.88526	2.584E-16
519	519	570	T-	0.88526	0.88526	-1.201E-16
519	519	569	T-	0.88526	0.88526	-1.631E-16
519	519	543	W	0.	0.	0.
519	519	544	W	0.	0.	0.
519	519	570	W	0.	0.	0.
519	519	569	W	0.	0.	0.
519	519	543	Qm-1	0.	0.	0.
519	519	544	Qm-1	0.	0.	0.
519	519	570	Qm-1	0.	0.	0.
519	519	569	Qm-1	0.	0.	0.
519	519	543	Qm-2	0.	0.	0.
519	519	544	Qm-2	0.	0.	0.
519	519	570	Qm-2	0.	0.	0.
519	519	569	Qm-2	0.	0.	0.
520	520	544	DEAD	0.	0.	0.
520	520	545	DEAD	0.	0.	0.
520	520	571	DEAD	0.	0.	0.
520	520	570	DEAD	0.	0.	0.
520	520	544	G1	0.	0.	0.
520	520	545	G1	0.	0.	0.
520	520	571	G1	0.	0.	0.
520	520	570	G1	0.	0.	0.
520	520	544	G2	0.	0.	0.
520	520	545	G2	0.	0.	0.
520	520	571	G2	0.	0.	0.
520	520	570	G2	0.	0.	0.
520	520	544	Qm	0.	0.	0.
520	520	545	Qm	0.	0.	0.
520	520	571	Qm	0.	0.	0.
520	520	570	Qm	0.	0.	0.
520	520	544	Qs	0.	0.	0.
520	520	545	Qs	0.	0.	0.
520	520	571	Qs	0.	0.	0.
520	520	570	Qs	0.	0.	0.

Table 27: Element Forces - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	F11	F22	F12
				KN/mm	KN/mm	KN/mm
520	520	544	T+	-0.88526	-0.88526	2.171E-16
520	520	545	T+	-0.88526	-0.88526	8.832E-16
520	520	571	T+	-0.88526	-0.88526	-1.541E-16
520	520	570	T+	-0.88526	-0.88526	-7.802E-16
520	520	544	T-	0.88526	0.88526	-2.171E-16
520	520	545	T-	0.88526	0.88526	-8.832E-16
520	520	571	T-	0.88526	0.88526	1.541E-16
520	520	570	T-	0.88526	0.88526	7.802E-16
520	520	544	W	0.	0.	0.
520	520	545	W	0.	0.	0.
520	520	571	W	0.	0.	0.
520	520	570	W	0.	0.	0.
520	520	544	Qm-1	0.	0.	0.
520	520	545	Qm-1	0.	0.	0.
520	520	571	Qm-1	0.	0.	0.
520	520	570	Qm-1	0.	0.	0.
520	520	544	Qm-2	0.	0.	0.
520	520	545	Qm-2	0.	0.	0.
520	520	571	Qm-2	0.	0.	0.
520	520	570	Qm-2	0.	0.	0.
521	521	545	DEAD	0.	0.	0.
521	521	546	DEAD	0.	0.	0.
521	521	572	DEAD	0.	0.	0.
521	521	571	DEAD	0.	0.	0.
521	521	545	G1	0.	0.	0.
521	521	546	G1	0.	0.	0.
521	521	572	G1	0.	0.	0.
521	521	571	G1	0.	0.	0.
521	521	545	G2	0.	0.	0.
521	521	546	G2	0.	0.	0.
521	521	572	G2	0.	0.	0.
521	521	571	G2	0.	0.	0.
521	521	545	Qm	0.	0.	0.
521	521	546	Qm	0.	0.	0.
521	521	572	Qm	0.	0.	0.
521	521	571	Qm	0.	0.	0.
521	521	545	Qs	0.	0.	0.
521	521	546	Qs	0.	0.	0.
521	521	572	Qs	0.	0.	0.
521	521	571	Qs	0.	0.	0.
521	521	545	T+	-0.88526	-0.88526	-4.746E-17
521	521	546	T+	-0.88526	-0.88526	-4.951E-16
521	521	572	T+	-0.88526	-0.88526	1.898E-16
521	521	571	T+	-0.88526	-0.88526	5.574E-16
521	521	545	T-	0.88526	0.88526	4.746E-17
521	521	546	T-	0.88526	0.88526	4.951E-16
521	521	572	T-	0.88526	0.88526	-1.898E-16
521	521	571	T-	0.88526	0.88526	-5.574E-16
521	521	545	W	0.	0.	0.
521	521	546	W	0.	0.	0.
521	521	572	W	0.	0.	0.
521	521	571	W	0.	0.	0.
521	521	545	Qm-1	0.	0.	0.
521	521	546	Qm-1	0.	0.	0.

Table 27: Element Forces - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	F11	F22	F12
				KN/mm	KN/mm	KN/mm
521	521	572	Qm-1	0.	0.	0.
521	521	571	Qm-1	0.	0.	0.
521	521	545	Qm-2	0.	0.	0.
521	521	546	Qm-2	0.	0.	0.
521	521	572	Qm-2	0.	0.	0.
521	521	571	Qm-2	0.	0.	0.
522	522	546	DEAD	0.	0.	0.
522	522	547	DEAD	0.	0.	0.
522	522	573	DEAD	0.	0.	0.
522	522	572	DEAD	0.	0.	0.
522	522	546	G1	0.	0.	0.
522	522	547	G1	0.	0.	0.
522	522	573	G1	0.	0.	0.
522	522	572	G1	0.	0.	0.
522	522	546	G2	0.	0.	0.
522	522	547	G2	0.	0.	0.
522	522	573	G2	0.	0.	0.
522	522	572	G2	0.	0.	0.
522	522	546	Qm	0.	0.	0.
522	522	547	Qm	0.	0.	0.
522	522	573	Qm	0.	0.	0.
522	522	572	Qm	0.	0.	0.
522	522	546	Qs	0.	0.	0.
522	522	547	Qs	0.	0.	0.
522	522	573	Qs	0.	0.	0.
522	522	572	Qs	0.	0.	0.
522	522	546	T+	-0.88526	-0.88526	2.281E-16
522	522	547	T+	-0.88526	-0.88526	-1.335E-15
522	522	573	T+	-0.88526	-0.88526	-1.424E-16
522	522	572	T+	-0.88526	-0.88526	1.461E-15
522	522	546	T-	0.88526	0.88526	-2.281E-16
522	522	547	T-	0.88526	0.88526	1.335E-15
522	522	573	T-	0.88526	0.88526	1.424E-16
522	522	572	T-	0.88526	0.88526	-1.461E-15
522	522	546	W	0.	0.	0.
522	522	547	W	0.	0.	0.
522	522	573	W	0.	0.	0.
522	522	572	W	0.	0.	0.
522	522	546	Qm-1	0.	0.	0.
522	522	547	Qm-1	0.	0.	0.
522	522	573	Qm-1	0.	0.	0.
522	522	572	Qm-1	0.	0.	0.
522	522	546	Qm-2	0.	0.	0.
522	522	547	Qm-2	0.	0.	0.
522	522	573	Qm-2	0.	0.	0.
522	522	572	Qm-2	0.	0.	0.
523	523	547	DEAD	0.	0.	0.
523	523	548	DEAD	0.	0.	0.
523	523	574	DEAD	0.	0.	0.
523	523	573	DEAD	0.	0.	0.
523	523	547	G1	0.	0.	0.
523	523	548	G1	0.	0.	0.
523	523	574	G1	0.	0.	0.
523	523	573	G1	0.	0.	0.

Table 27: Element Forces - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	F11	F22	F12
				KN/mm	KN/mm	KN/mm
523	523	547	G2	0.	0.	0.
523	523	548	G2	0.	0.	0.
523	523	574	G2	0.	0.	0.
523	523	573	G2	0.	0.	0.
523	523	547	Qm	0.	0.	0.
523	523	548	Qm	0.	0.	0.
523	523	574	Qm	0.	0.	0.
523	523	573	Qm	0.	0.	0.
523	523	547	Qs	0.	0.	0.
523	523	548	Qs	0.	0.	0.
523	523	574	Qs	0.	0.	0.
523	523	573	Qs	0.	0.	0.
523	523	547	T+	-0.88526	-0.88526	-1.960E-16
523	523	548	T+	-0.88526	-0.88526	8.738E-16
523	523	574	T+	-0.88526	-0.88526	1.792E-16
523	523	573	T+	-0.88526	-0.88526	-8.905E-16
523	523	547	T-	0.88526	0.88526	1.960E-16
523	523	548	T-	0.88526	0.88526	-8.738E-16
523	523	574	T-	0.88526	0.88526	-1.792E-16
523	523	573	T-	0.88526	0.88526	8.905E-16
523	523	547	W	0.	0.	0.
523	523	548	W	0.	0.	0.
523	523	574	W	0.	0.	0.
523	523	573	W	0.	0.	0.
523	523	547	Qm-1	0.	0.	0.
523	523	548	Qm-1	0.	0.	0.
523	523	574	Qm-1	0.	0.	0.
523	523	573	Qm-1	0.	0.	0.
523	523	547	Qm-2	0.	0.	0.
523	523	548	Qm-2	0.	0.	0.
523	523	574	Qm-2	0.	0.	0.
523	523	573	Qm-2	0.	0.	0.
524	524	548	DEAD	0.	0.	0.
524	524	549	DEAD	0.	0.	0.
524	524	575	DEAD	0.	0.	0.
524	524	574	DEAD	0.	0.	0.
524	524	548	G1	0.	0.	0.
524	524	549	G1	0.	0.	0.
524	524	575	G1	0.	0.	0.
524	524	574	G1	0.	0.	0.
524	524	548	G2	0.	0.	0.
524	524	549	G2	0.	0.	0.
524	524	575	G2	0.	0.	0.
524	524	574	G2	0.	0.	0.
524	524	548	Qm	0.	0.	0.
524	524	549	Qm	0.	0.	0.
524	524	575	Qm	0.	0.	0.
524	524	574	Qm	0.	0.	0.
524	524	548	Qs	0.	0.	0.
524	524	549	Qs	0.	0.	0.
524	524	575	Qs	0.	0.	0.
524	524	574	Qs	0.	0.	0.
524	524	548	T+	-0.88526	-0.88526	-1.797E-16
524	524	549	T+	-0.88526	-0.88526	-8.750E-16

Table 27: Element Forces - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	F11	F22	F12
				KN/mm	KN/mm	KN/mm
524	524	575	T+	-0.88526	-0.88526	1.808E-16
524	524	574	T+	-0.88526	-0.88526	8.361E-16
524	524	548	T-	0.88526	0.88526	1.797E-16
524	524	549	T-	0.88526	0.88526	8.750E-16
524	524	575	T-	0.88526	0.88526	-1.808E-16
524	524	574	T-	0.88526	0.88526	-8.361E-16
524	524	548	W	0.	0.	0.
524	524	549	W	0.	0.	0.
524	524	575	W	0.	0.	0.
524	524	574	W	0.	0.	0.
524	524	548	Qm-1	0.	0.	0.
524	524	549	Qm-1	0.	0.	0.
524	524	575	Qm-1	0.	0.	0.
524	524	574	Qm-1	0.	0.	0.
524	524	548	Qm-2	0.	0.	0.
524	524	549	Qm-2	0.	0.	0.
524	524	575	Qm-2	0.	0.	0.
524	524	574	Qm-2	0.	0.	0.
525	525	549	DEAD	0.	0.	0.
525	525	550	DEAD	0.	0.	0.
525	525	576	DEAD	0.	0.	0.
525	525	575	DEAD	0.	0.	0.
525	525	549	G1	0.	0.	0.
525	525	550	G1	0.	0.	0.
525	525	576	G1	0.	0.	0.
525	525	575	G1	0.	0.	0.
525	525	549	G2	0.	0.	0.
525	525	550	G2	0.	0.	0.
525	525	576	G2	0.	0.	0.
525	525	575	G2	0.	0.	0.
525	525	549	Qm	0.	0.	0.
525	525	550	Qm	0.	0.	0.
525	525	576	Qm	0.	0.	0.
525	525	575	Qm	0.	0.	0.
525	525	549	Qs	0.	0.	0.
525	525	550	Qs	0.	0.	0.
525	525	576	Qs	0.	0.	0.
525	525	575	Qs	0.	0.	0.
525	525	549	T+	-0.88526	-0.88526	-2.629E-16
525	525	550	T+	-0.88526	-0.88526	9.045E-16
525	525	576	T+	-0.88526	-0.88526	3.075E-16
525	525	575	T+	-0.88526	-0.88526	-8.199E-16
525	525	549	T-	0.88526	0.88526	2.629E-16
525	525	550	T-	0.88526	0.88526	-9.045E-16
525	525	576	T-	0.88526	0.88526	-3.075E-16
525	525	575	T-	0.88526	0.88526	8.199E-16
525	525	549	W	0.	0.	0.
525	525	550	W	0.	0.	0.
525	525	576	W	0.	0.	0.
525	525	575	W	0.	0.	0.
525	525	549	Qm-1	0.	0.	0.
525	525	550	Qm-1	0.	0.	0.
525	525	576	Qm-1	0.	0.	0.
525	525	575	Qm-1	0.	0.	0.

Table 27: Element Forces - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	F11	F22	F12
				KN/mm	KN/mm	KN/mm
525	525	549	Qm-2	0.	0.	0.
525	525	550	Qm-2	0.	0.	0.
525	525	576	Qm-2	0.	0.	0.
525	525	575	Qm-2	0.	0.	0.
526	526	550	DEAD	0.	0.	0.
526	526	551	DEAD	0.	0.	0.
526	526	577	DEAD	0.	0.	0.
526	526	576	DEAD	0.	0.	0.
526	526	550	G1	0.	0.	0.
526	526	551	G1	0.	0.	0.
526	526	577	G1	0.	0.	0.
526	526	576	G1	0.	0.	0.
526	526	550	G2	0.	0.	0.
526	526	551	G2	0.	0.	0.
526	526	577	G2	0.	0.	0.
526	526	576	G2	0.	0.	0.
526	526	550	Qm	0.	0.	0.
526	526	551	Qm	0.	0.	0.
526	526	577	Qm	0.	0.	0.
526	526	576	Qm	0.	0.	0.
526	526	550	Qs	0.	0.	0.
526	526	551	Qs	0.	0.	0.
526	526	577	Qs	0.	0.	0.
526	526	576	Qs	0.	0.	0.
526	526	550	T+	-0.88526	-0.88526	2.791E-16
526	526	551	T+	-0.88526	-0.88526	-1.179E-15
526	526	577	T+	-0.88526	-0.88526	-6.015E-17
526	526	576	T+	-0.88526	-0.88526	1.318E-15
526	526	550	T-	0.88526	0.88526	-2.791E-16
526	526	551	T-	0.88526	0.88526	1.179E-15
526	526	577	T-	0.88526	0.88526	6.015E-17
526	526	576	T-	0.88526	0.88526	-1.318E-15
526	526	550	W	0.	0.	0.
526	526	551	W	0.	0.	0.
526	526	577	W	0.	0.	0.
526	526	576	W	0.	0.	0.
526	526	550	Qm-1	0.	0.	0.
526	526	551	Qm-1	0.	0.	0.
526	526	577	Qm-1	0.	0.	0.
526	526	576	Qm-1	0.	0.	0.
526	526	550	Qm-2	0.	0.	0.
526	526	551	Qm-2	0.	0.	0.
526	526	577	Qm-2	0.	0.	0.
526	526	576	Qm-2	0.	0.	0.
527	527	551	DEAD	0.	0.	0.
527	527	552	DEAD	0.	0.	0.
527	527	578	DEAD	0.	0.	0.
527	527	577	DEAD	0.	0.	0.
527	527	551	G1	0.	0.	0.
527	527	552	G1	0.	0.	0.
527	527	578	G1	0.	0.	0.
527	527	577	G1	0.	0.	0.
527	527	551	G2	0.	0.	0.
527	527	552	G2	0.	0.	0.

Table 27: Element Forces - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	F11	F22	F12
				KN/mm	KN/mm	KN/mm
527	527	578	G2	0.	0.	0.
527	527	577	G2	0.	0.	0.
527	527	551	Qm	0.	0.	0.
527	527	552	Qm	0.	0.	0.
527	527	578	Qm	0.	0.	0.
527	527	577	Qm	0.	0.	0.
527	527	551	Qs	0.	0.	0.
527	527	552	Qs	0.	0.	0.
527	527	578	Qs	0.	0.	0.
527	527	577	Qs	0.	0.	0.
527	527	551	T+	-0.88526	-0.88526	-1.109E-16
527	527	552	T+	-0.88526	-0.88526	-1.327E-16
527	527	578	T+	-0.88526	-0.88526	1.747E-16
527	527	577	T+	-0.88526	-0.88526	1.965E-16
527	527	551	T-	0.88526	0.88526	1.109E-16
527	527	552	T-	0.88526	0.88526	1.327E-16
527	527	578	T-	0.88526	0.88526	-1.747E-16
527	527	577	T-	0.88526	0.88526	-1.965E-16
527	527	551	W	0.	0.	0.
527	527	552	W	0.	0.	0.
527	527	578	W	0.	0.	0.
527	527	577	W	0.	0.	0.
527	527	551	Qm-1	0.	0.	0.
527	527	552	Qm-1	0.	0.	0.
527	527	578	Qm-1	0.	0.	0.
527	527	577	Qm-1	0.	0.	0.
527	527	551	Qm-2	0.	0.	0.
527	527	552	Qm-2	0.	0.	0.
527	527	578	Qm-2	0.	0.	0.
527	527	577	Qm-2	0.	0.	0.
528	528	553	DEAD	0.	0.	0.
528	528	554	DEAD	0.	0.	0.
528	528	580	DEAD	0.	0.	0.
528	528	579	DEAD	0.	0.	0.
528	528	553	G1	0.	0.	0.
528	528	554	G1	0.	0.	0.
528	528	580	G1	0.	0.	0.
528	528	579	G1	0.	0.	0.
528	528	553	G2	0.	0.	0.
528	528	554	G2	0.	0.	0.
528	528	580	G2	0.	0.	0.
528	528	579	G2	0.	0.	0.
528	528	553	Qm	0.	0.	0.
528	528	554	Qm	0.	0.	0.
528	528	580	Qm	0.	0.	0.
528	528	579	Qm	0.	0.	0.
528	528	553	Qs	0.	0.	0.
528	528	554	Qs	0.	0.	0.
528	528	580	Qs	0.	0.	0.
528	528	579	Qs	0.	0.	0.
528	528	553	T+	-0.88526	-0.88526	-1.134E-17
528	528	554	T+	-0.88526	-0.88526	-1.013E-16
528	528	580	T+	-0.88526	-0.88526	7.446E-17
528	528	579	T+	-0.88526	-0.88526	2.844E-16

Table 27: Element Forces - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	F11	F22	F12
				KN/mm	KN/mm	KN/mm
528	528	553	T-	0.88526	0.88526	1.134E-17
528	528	554	T-	0.88526	0.88526	1.013E-16
528	528	580	T-	0.88526	0.88526	-7.446E-17
528	528	579	T-	0.88526	0.88526	-2.844E-16
528	528	553	W	0.	0.	0.
528	528	554	W	0.	0.	0.
528	528	580	W	0.	0.	0.
528	528	579	W	0.	0.	0.
528	528	553	Qm-1	0.	0.	0.
528	528	554	Qm-1	0.	0.	0.
528	528	580	Qm-1	0.	0.	0.
528	528	579	Qm-1	0.	0.	0.
528	528	553	Qm-2	0.	0.	0.
528	528	554	Qm-2	0.	0.	0.
528	528	580	Qm-2	0.	0.	0.
528	528	579	Qm-2	0.	0.	0.
529	529	554	DEAD	0.	0.	0.
529	529	555	DEAD	0.	0.	0.
529	529	581	DEAD	0.	0.	0.
529	529	580	DEAD	0.	0.	0.
529	529	554	G1	0.	0.	0.
529	529	555	G1	0.	0.	0.
529	529	581	G1	0.	0.	0.
529	529	580	G1	0.	0.	0.
529	529	554	G2	0.	0.	0.
529	529	555	G2	0.	0.	0.
529	529	581	G2	0.	0.	0.
529	529	580	G2	0.	0.	0.
529	529	554	Qm	0.	0.	0.
529	529	555	Qm	0.	0.	0.
529	529	581	Qm	0.	0.	0.
529	529	580	Qm	0.	0.	0.
529	529	554	Qs	0.	0.	0.
529	529	555	Qs	0.	0.	0.
529	529	581	Qs	0.	0.	0.
529	529	580	Qs	0.	0.	0.
529	529	554	T+	-0.88526	-0.88526	-3.630E-17
529	529	555	T+	-0.88526	-0.88526	-1.153E-16
529	529	581	T+	-0.88526	-0.88526	9.942E-17
529	529	580	T+	-0.88526	-0.88526	2.984E-16
529	529	554	T-	0.88526	0.88526	3.630E-17
529	529	555	T-	0.88526	0.88526	1.153E-16
529	529	581	T-	0.88526	0.88526	-9.942E-17
529	529	580	T-	0.88526	0.88526	-2.984E-16
529	529	554	W	0.	0.	0.
529	529	555	W	0.	0.	0.
529	529	581	W	0.	0.	0.
529	529	580	W	0.	0.	0.
529	529	554	Qm-1	0.	0.	0.
529	529	555	Qm-1	0.	0.	0.
529	529	581	Qm-1	0.	0.	0.
529	529	580	Qm-1	0.	0.	0.
529	529	554	Qm-2	0.	0.	0.
529	529	555	Qm-2	0.	0.	0.

Table 27: Element Forces - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	F11	F22	F12
				KN/mm	KN/mm	KN/mm
529	529	581	Qm-2	0.	0.	0.
529	529	580	Qm-2	0.	0.	0.
530	530	555	DEAD	0.	0.	0.
530	530	556	DEAD	0.	0.	0.
530	530	582	DEAD	0.	0.	0.
530	530	581	DEAD	0.	0.	0.
530	530	555	G1	0.	0.	0.
530	530	556	G1	0.	0.	0.
530	530	582	G1	0.	0.	0.
530	530	581	G1	0.	0.	0.
530	530	555	G2	0.	0.	0.
530	530	556	G2	0.	0.	0.
530	530	582	G2	0.	0.	0.
530	530	581	G2	0.	0.	0.
530	530	555	Qm	0.	0.	0.
530	530	556	Qm	0.	0.	0.
530	530	582	Qm	0.	0.	0.
530	530	581	Qm	0.	0.	0.
530	530	555	Qs	0.	0.	0.
530	530	556	Qs	0.	0.	0.
530	530	582	Qs	0.	0.	0.
530	530	581	Qs	0.	0.	0.
530	530	555	T+	-0.88526	-0.88526	1.388E-17
530	530	556	T+	-0.88526	-0.88526	-3.939E-17
530	530	582	T+	-0.88526	-0.88526	4.924E-17
530	530	581	T+	-0.88526	-0.88526	2.225E-16
530	530	555	T-	0.88526	0.88526	-1.388E-17
530	530	556	T-	0.88526	0.88526	3.939E-17
530	530	582	T-	0.88526	0.88526	-4.924E-17
530	530	581	T-	0.88526	0.88526	-2.225E-16
530	530	555	W	0.	0.	0.
530	530	556	W	0.	0.	0.
530	530	582	W	0.	0.	0.
530	530	581	W	0.	0.	0.
530	530	555	Qm-1	0.	0.	0.
530	530	556	Qm-1	0.	0.	0.
530	530	582	Qm-1	0.	0.	0.
530	530	581	Qm-1	0.	0.	0.
530	530	555	Qm-2	0.	0.	0.
530	530	556	Qm-2	0.	0.	0.
530	530	582	Qm-2	0.	0.	0.
530	530	581	Qm-2	0.	0.	0.
531	531	556	DEAD	0.	0.	0.
531	531	557	DEAD	0.	0.	0.
531	531	583	DEAD	0.	0.	0.
531	531	582	DEAD	0.	0.	0.
531	531	556	G1	0.	0.	0.
531	531	557	G1	0.	0.	0.
531	531	583	G1	0.	0.	0.
531	531	582	G1	0.	0.	0.
531	531	556	G2	0.	0.	0.
531	531	557	G2	0.	0.	0.
531	531	583	G2	0.	0.	0.
531	531	582	G2	0.	0.	0.

Table 27: Element Forces - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	F11	F22	F12
				KN/mm	KN/mm	KN/mm
531	531	556	Qm	0.	0.	0.
531	531	557	Qm	0.	0.	0.
531	531	583	Qm	0.	0.	0.
531	531	582	Qm	0.	0.	0.
531	531	556	Qs	0.	0.	0.
531	531	557	Qs	0.	0.	0.
531	531	583	Qs	0.	0.	0.
531	531	582	Qs	0.	0.	0.
531	531	556	T+	-0.88526	-0.88526	-1.195E-16
531	531	557	T+	-0.88526	-0.88526	-1.773E-16
531	531	583	T+	-0.88526	-0.88526	1.826E-16
531	531	582	T+	-0.88526	-0.88526	3.604E-16
531	531	556	T-	0.88526	0.88526	1.195E-16
531	531	557	T-	0.88526	0.88526	1.773E-16
531	531	583	T-	0.88526	0.88526	-1.826E-16
531	531	582	T-	0.88526	0.88526	-3.604E-16
531	531	556	W	0.	0.	0.
531	531	557	W	0.	0.	0.
531	531	583	W	0.	0.	0.
531	531	582	W	0.	0.	0.
531	531	556	Qm-1	0.	0.	0.
531	531	557	Qm-1	0.	0.	0.
531	531	583	Qm-1	0.	0.	0.
531	531	582	Qm-1	0.	0.	0.
531	531	556	Qm-2	0.	0.	0.
531	531	557	Qm-2	0.	0.	0.
531	531	583	Qm-2	0.	0.	0.
531	531	582	Qm-2	0.	0.	0.
532	532	557	DEAD	0.	0.	0.
532	532	558	DEAD	0.	0.	0.
532	532	584	DEAD	0.	0.	0.
532	532	583	DEAD	0.	0.	0.
532	532	557	G1	0.	0.	0.
532	532	558	G1	0.	0.	0.
532	532	584	G1	0.	0.	0.
532	532	583	G1	0.	0.	0.
532	532	557	G2	0.	0.	0.
532	532	558	G2	0.	0.	0.
532	532	584	G2	0.	0.	0.
532	532	583	G2	0.	0.	0.
532	532	557	Qm	0.	0.	0.
532	532	558	Qm	0.	0.	0.
532	532	584	Qm	0.	0.	0.
532	532	583	Qm	0.	0.	0.
532	532	557	Qs	0.	0.	0.
532	532	558	Qs	0.	0.	0.
532	532	584	Qs	0.	0.	0.
532	532	583	Qs	0.	0.	0.
532	532	557	T+	-0.88526	-0.88526	-1.267E-16
532	532	558	T+	-0.88526	-0.88526	-6.001E-16
532	532	584	T+	-0.88526	-0.88526	-7.075E-18
532	532	583	T+	-0.88526	-0.88526	5.462E-16
532	532	557	T-	0.88526	0.88526	1.267E-16
532	532	558	T-	0.88526	0.88526	6.001E-16

Table 27: Element Forces - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	F11	F22	F12
				KN/mm	KN/mm	KN/mm
532	532	584	T-	0.88526	0.88526	7.075E-18
532	532	583	T-	0.88526	0.88526	-5.462E-16
532	532	557	W	0.	0.	0.
532	532	558	W	0.	0.	0.
532	532	584	W	0.	0.	0.
532	532	583	W	0.	0.	0.
532	532	557	Qm-1	0.	0.	0.
532	532	558	Qm-1	0.	0.	0.
532	532	584	Qm-1	0.	0.	0.
532	532	583	Qm-1	0.	0.	0.
532	532	557	Qm-2	0.	0.	0.
532	532	558	Qm-2	0.	0.	0.
532	532	584	Qm-2	0.	0.	0.
532	532	583	Qm-2	0.	0.	0.
533	533	558	DEAD	0.	0.	0.
533	533	559	DEAD	0.	0.	0.
533	533	585	DEAD	0.	0.	0.
533	533	584	DEAD	0.	0.	0.
533	533	558	G1	0.	0.	0.
533	533	559	G1	0.	0.	0.
533	533	585	G1	0.	0.	0.
533	533	584	G1	0.	0.	0.
533	533	558	G2	0.	0.	0.
533	533	559	G2	0.	0.	0.
533	533	585	G2	0.	0.	0.
533	533	584	G2	0.	0.	0.
533	533	558	Qm	0.	0.	0.
533	533	559	Qm	0.	0.	0.
533	533	585	Qm	0.	0.	0.
533	533	584	Qm	0.	0.	0.
533	533	558	Qs	0.	0.	0.
533	533	559	Qs	0.	0.	0.
533	533	585	Qs	0.	0.	0.
533	533	584	Qs	0.	0.	0.
533	533	558	T+	-0.88526	-0.88526	-5.114E-17
533	533	559	T+	-0.88526	-0.88526	-6.375E-16
533	533	585	T+	-0.88526	-0.88526	2.574E-17
533	533	584	T+	-0.88526	-0.88526	6.521E-16
533	533	558	T-	0.88526	0.88526	5.114E-17
533	533	559	T-	0.88526	0.88526	6.375E-16
533	533	585	T-	0.88526	0.88526	-2.574E-17
533	533	584	T-	0.88526	0.88526	-6.521E-16
533	533	558	W	0.	0.	0.
533	533	559	W	0.	0.	0.
533	533	585	W	0.	0.	0.
533	533	584	W	0.	0.	0.
533	533	558	Qm-1	0.	0.	0.
533	533	559	Qm-1	0.	0.	0.
533	533	585	Qm-1	0.	0.	0.
533	533	584	Qm-1	0.	0.	0.
533	533	558	Qm-2	0.	0.	0.
533	533	559	Qm-2	0.	0.	0.
533	533	585	Qm-2	0.	0.	0.
533	533	584	Qm-2	0.	0.	0.

Table 27: Element Forces - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	F11	F22	F12
				KN/mm	KN/mm	KN/mm
534	534	559	DEAD	0.	0.	0.
534	534	560	DEAD	0.	0.	0.
534	534	586	DEAD	0.	0.	0.
534	534	585	DEAD	0.	0.	0.
534	534	559	G1	0.	0.	0.
534	534	560	G1	0.	0.	0.
534	534	586	G1	0.	0.	0.
534	534	585	G1	0.	0.	0.
534	534	559	G2	0.	0.	0.
534	534	560	G2	0.	0.	0.
534	534	586	G2	0.	0.	0.
534	534	585	G2	0.	0.	0.
534	534	559	Qm	0.	0.	0.
534	534	560	Qm	0.	0.	0.
534	534	586	Qm	0.	0.	0.
534	534	585	Qm	0.	0.	0.
534	534	559	Qs	0.	0.	0.
534	534	560	Qs	0.	0.	0.
534	534	586	Qs	0.	0.	0.
534	534	585	Qs	0.	0.	0.
534	534	559	T+	-0.88526	-0.88526	1.273E-16
534	534	560	T+	-0.88526	-0.88526	-7.902E-16
534	534	586	T+	-0.88526	-0.88526	8.899E-18
534	534	585	T+	-0.88526	-0.88526	9.665E-16
534	534	559	T-	0.88526	0.88526	-1.273E-16
534	534	560	T-	0.88526	0.88526	7.902E-16
534	534	586	T-	0.88526	0.88526	-8.899E-18
534	534	585	T-	0.88526	0.88526	-9.665E-16
534	534	559	W	0.	0.	0.
534	534	560	W	0.	0.	0.
534	534	586	W	0.	0.	0.
534	534	585	W	0.	0.	0.
534	534	559	Qm-1	0.	0.	0.
534	534	560	Qm-1	0.	0.	0.
534	534	586	Qm-1	0.	0.	0.
534	534	585	Qm-1	0.	0.	0.
534	534	559	Qm-2	0.	0.	0.
534	534	560	Qm-2	0.	0.	0.
534	534	586	Qm-2	0.	0.	0.
534	534	585	Qm-2	0.	0.	0.
535	535	560	DEAD	0.	0.	0.
535	535	561	DEAD	0.	0.	0.
535	535	587	DEAD	0.	0.	0.
535	535	586	DEAD	0.	0.	0.
535	535	560	G1	0.	0.	0.
535	535	561	G1	0.	0.	0.
535	535	587	G1	0.	0.	0.
535	535	586	G1	0.	0.	0.
535	535	560	G2	0.	0.	0.
535	535	561	G2	0.	0.	0.
535	535	587	G2	0.	0.	0.
535	535	586	G2	0.	0.	0.
535	535	560	Qm	0.	0.	0.
535	535	561	Qm	0.	0.	0.

Table 27: Element Forces - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	F11	F22	F12
				KN/mm	KN/mm	KN/mm
535	535	587	Qm	0.	0.	0.
535	535	586	Qm	0.	0.	0.
535	535	560	Qs	0.	0.	0.
535	535	561	Qs	0.	0.	0.
535	535	587	Qs	0.	0.	0.
535	535	586	Qs	0.	0.	0.
535	535	560	T+	-0.88526	-0.88526	-2.109E-16
535	535	561	T+	-0.88526	-0.88526	-1.104E-15
535	535	587	T+	-0.88526	-0.88526	6.727E-17
535	535	586	T+	-0.88526	-0.88526	8.800E-16
535	535	560	T-	0.88526	0.88526	2.109E-16
535	535	561	T-	0.88526	0.88526	1.104E-15
535	535	587	T-	0.88526	0.88526	-6.727E-17
535	535	586	T-	0.88526	0.88526	-8.800E-16
535	535	560	W	0.	0.	0.
535	535	561	W	0.	0.	0.
535	535	587	W	0.	0.	0.
535	535	586	W	0.	0.	0.
535	535	560	Qm-1	0.	0.	0.
535	535	561	Qm-1	0.	0.	0.
535	535	587	Qm-1	0.	0.	0.
535	535	586	Qm-1	0.	0.	0.
535	535	560	Qm-2	0.	0.	0.
535	535	561	Qm-2	0.	0.	0.
535	535	587	Qm-2	0.	0.	0.
535	535	586	Qm-2	0.	0.	0.
536	536	561	DEAD	0.	0.	0.
536	536	562	DEAD	0.	0.	0.
536	536	588	DEAD	0.	0.	0.
536	536	587	DEAD	0.	0.	0.
536	536	561	G1	0.	0.	0.
536	536	562	G1	0.	0.	0.
536	536	588	G1	0.	0.	0.
536	536	587	G1	0.	0.	0.
536	536	561	G2	0.	0.	0.
536	536	562	G2	0.	0.	0.
536	536	588	G2	0.	0.	0.
536	536	587	G2	0.	0.	0.
536	536	561	Qm	0.	0.	0.
536	536	562	Qm	0.	0.	0.
536	536	588	Qm	0.	0.	0.
536	536	587	Qm	0.	0.	0.
536	536	561	Qs	0.	0.	0.
536	536	562	Qs	0.	0.	0.
536	536	588	Qs	0.	0.	0.
536	536	587	Qs	0.	0.	0.
536	536	561	T+	-0.88526	-0.88526	1.215E-16
536	536	562	T+	-0.88526	-0.88526	-2.431E-16
536	536	588	T+	-0.88526	-0.88526	-1.014E-16
536	536	587	T+	-0.88526	-0.88526	2.232E-16
536	536	561	T-	0.88526	0.88526	-1.215E-16
536	536	562	T-	0.88526	0.88526	2.431E-16
536	536	588	T-	0.88526	0.88526	1.014E-16
536	536	587	T-	0.88526	0.88526	-2.232E-16

Table 27: Element Forces - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	F11	F22	F12
				KN/mm	KN/mm	KN/mm
536	536	561	W	0.	0.	0.
536	536	562	W	0.	0.	0.
536	536	588	W	0.	0.	0.
536	536	587	W	0.	0.	0.
536	536	561	Qm-1	0.	0.	0.
536	536	562	Qm-1	0.	0.	0.
536	536	588	Qm-1	0.	0.	0.
536	536	587	Qm-1	0.	0.	0.
536	536	561	Qm-2	0.	0.	0.
536	536	562	Qm-2	0.	0.	0.
536	536	588	Qm-2	0.	0.	0.
536	536	587	Qm-2	0.	0.	0.
537	537	562	DEAD	0.	0.	0.
537	537	563	DEAD	0.	0.	0.
537	537	589	DEAD	0.	0.	0.
537	537	588	DEAD	0.	0.	0.
537	537	562	G1	0.	0.	0.
537	537	563	G1	0.	0.	0.
537	537	589	G1	0.	0.	0.
537	537	588	G1	0.	0.	0.
537	537	562	G2	0.	0.	0.
537	537	563	G2	0.	0.	0.
537	537	589	G2	0.	0.	0.
537	537	588	G2	0.	0.	0.
537	537	562	Qm	0.	0.	0.
537	537	563	Qm	0.	0.	0.
537	537	589	Qm	0.	0.	0.
537	537	588	Qm	0.	0.	0.
537	537	562	Qs	0.	0.	0.
537	537	563	Qs	0.	0.	0.
537	537	589	Qs	0.	0.	0.
537	537	588	Qs	0.	0.	0.
537	537	562	T+	-0.88526	-0.88526	-1.464E-16
537	537	563	T+	-0.88526	-0.88526	-1.361E-16
537	537	589	T+	-0.88526	-0.88526	2.095E-16
537	537	588	T+	-0.88526	-0.88526	3.192E-16
537	537	562	T-	0.88526	0.88526	1.464E-16
537	537	563	T-	0.88526	0.88526	1.361E-16
537	537	589	T-	0.88526	0.88526	-2.095E-16
537	537	588	T-	0.88526	0.88526	-3.192E-16
537	537	562	W	0.	0.	0.
537	537	563	W	0.	0.	0.
537	537	589	W	0.	0.	0.
537	537	588	W	0.	0.	0.
537	537	562	Qm-1	0.	0.	0.
537	537	563	Qm-1	0.	0.	0.
537	537	589	Qm-1	0.	0.	0.
537	537	588	Qm-1	0.	0.	0.
537	537	562	Qm-2	0.	0.	0.
537	537	563	Qm-2	0.	0.	0.
537	537	589	Qm-2	0.	0.	0.
537	537	588	Qm-2	0.	0.	0.
538	538	563	DEAD	0.	0.	0.
538	538	564	DEAD	0.	0.	0.

Table 27: Element Forces - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	F11	F22	F12
				KN/mm	KN/mm	KN/mm
538	538	590	DEAD	0.	0.	0.
538	538	589	DEAD	0.	0.	0.
538	538	563	G1	0.	0.	0.
538	538	564	G1	0.	0.	0.
538	538	590	G1	0.	0.	0.
538	538	589	G1	0.	0.	0.
538	538	563	G2	0.	0.	0.
538	538	564	G2	0.	0.	0.
538	538	590	G2	0.	0.	0.
538	538	589	G2	0.	0.	0.
538	538	563	Qm	0.	0.	0.
538	538	564	Qm	0.	0.	0.
538	538	590	Qm	0.	0.	0.
538	538	589	Qm	0.	0.	0.
538	538	563	Qs	0.	0.	0.
538	538	564	Qs	0.	0.	0.
538	538	590	Qs	0.	0.	0.
538	538	589	Qs	0.	0.	0.
538	538	563	T+	-0.88526	-0.88526	1.393E-16
538	538	564	T+	-0.88526	-0.88526	6.634E-16
538	538	590	T+	-0.88526	-0.88526	9.365E-18
538	538	589	T+	-0.88526	-0.88526	-5.547E-16
538	538	563	T-	0.88526	0.88526	-1.393E-16
538	538	564	T-	0.88526	0.88526	-6.634E-16
538	538	590	T-	0.88526	0.88526	-9.365E-18
538	538	589	T-	0.88526	0.88526	5.547E-16
538	538	563	W	0.	0.	0.
538	538	564	W	0.	0.	0.
538	538	590	W	0.	0.	0.
538	538	589	W	0.	0.	0.
538	538	563	Qm-1	0.	0.	0.
538	538	564	Qm-1	0.	0.	0.
538	538	590	Qm-1	0.	0.	0.
538	538	589	Qm-1	0.	0.	0.
538	538	563	Qm-2	0.	0.	0.
538	538	564	Qm-2	0.	0.	0.
538	538	590	Qm-2	0.	0.	0.
538	538	589	Qm-2	0.	0.	0.
539	539	564	DEAD	0.	0.	0.
539	539	565	DEAD	0.	0.	0.
539	539	591	DEAD	0.	0.	0.
539	539	590	DEAD	0.	0.	0.
539	539	564	G1	0.	0.	0.
539	539	565	G1	0.	0.	0.
539	539	591	G1	0.	0.	0.
539	539	590	G1	0.	0.	0.
539	539	564	G2	0.	0.	0.
539	539	565	G2	0.	0.	0.
539	539	591	G2	0.	0.	0.
539	539	590	G2	0.	0.	0.
539	539	564	Qm	0.	0.	0.
539	539	565	Qm	0.	0.	0.
539	539	591	Qm	0.	0.	0.
539	539	590	Qm	0.	0.	0.

Table 27: Element Forces - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	F11	F22	F12
				KN/mm	KN/mm	KN/mm
539	539	564	Qs	0.	0.	0.
539	539	565	Qs	0.	0.	0.
539	539	591	Qs	0.	0.	0.
539	539	590	Qs	0.	0.	0.
539	539	564	T+	-0.88526	-0.88526	-2.886E-16
539	539	565	T+	-0.88526	-0.88526	9.964E-16
539	539	591	T+	-0.88526	-0.88526	2.498E-16
539	539	590	T+	-0.88526	-0.88526	-1.115E-15
539	539	564	T-	0.88526	0.88526	2.886E-16
539	539	565	T-	0.88526	0.88526	-9.964E-16
539	539	591	T-	0.88526	0.88526	-2.498E-16
539	539	590	T-	0.88526	0.88526	1.115E-15
539	539	564	W	0.	0.	0.
539	539	565	W	0.	0.	0.
539	539	591	W	0.	0.	0.
539	539	590	W	0.	0.	0.
539	539	564	Qm-1	0.	0.	0.
539	539	565	Qm-1	0.	0.	0.
539	539	591	Qm-1	0.	0.	0.
539	539	590	Qm-1	0.	0.	0.
539	539	564	Qm-2	0.	0.	0.
539	539	565	Qm-2	0.	0.	0.
539	539	591	Qm-2	0.	0.	0.
539	539	590	Qm-2	0.	0.	0.
540	540	565	DEAD	0.	0.	0.
540	540	566	DEAD	0.	0.	0.
540	540	592	DEAD	0.	0.	0.
540	540	591	DEAD	0.	0.	0.
540	540	565	G1	0.	0.	0.
540	540	566	G1	0.	0.	0.
540	540	592	G1	0.	0.	0.
540	540	591	G1	0.	0.	0.
540	540	565	G2	0.	0.	0.
540	540	566	G2	0.	0.	0.
540	540	592	G2	0.	0.	0.
540	540	591	G2	0.	0.	0.
540	540	565	Qm	0.	0.	0.
540	540	566	Qm	0.	0.	0.
540	540	592	Qm	0.	0.	0.
540	540	591	Qm	0.	0.	0.
540	540	565	Qs	0.	0.	0.
540	540	566	Qs	0.	0.	0.
540	540	592	Qs	0.	0.	0.
540	540	591	Qs	0.	0.	0.
540	540	565	T+	-0.88526	-0.88526	1.402E-17
540	540	566	T+	-0.88526	-0.88526	-1.794E-16
540	540	592	T+	-0.88526	-0.88526	4.910E-17
540	540	591	T+	-0.88526	-0.88526	3.625E-16
540	540	565	T-	0.88526	0.88526	-1.402E-17
540	540	566	T-	0.88526	0.88526	1.794E-16
540	540	592	T-	0.88526	0.88526	-4.910E-17
540	540	591	T-	0.88526	0.88526	-3.625E-16
540	540	565	W	0.	0.	0.
540	540	566	W	0.	0.	0.

Table 27: Element Forces - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	F11	F22	F12
				KN/mm	KN/mm	KN/mm
540	540	592	W	0.	0.	0.
540	540	591	W	0.	0.	0.
540	540	565	Qm-1	0.	0.	0.
540	540	566	Qm-1	0.	0.	0.
540	540	592	Qm-1	0.	0.	0.
540	540	591	Qm-1	0.	0.	0.
540	540	565	Qm-2	0.	0.	0.
540	540	566	Qm-2	0.	0.	0.
540	540	592	Qm-2	0.	0.	0.
540	540	591	Qm-2	0.	0.	0.
541	541	566	DEAD	0.	0.	0.
541	541	567	DEAD	0.	0.	0.
541	541	593	DEAD	0.	0.	0.
541	541	592	DEAD	0.	0.	0.
541	541	566	G1	0.	0.	0.
541	541	567	G1	0.	0.	0.
541	541	593	G1	0.	0.	0.
541	541	592	G1	0.	0.	0.
541	541	566	G2	0.	0.	0.
541	541	567	G2	0.	0.	0.
541	541	593	G2	0.	0.	0.
541	541	592	G2	0.	0.	0.
541	541	566	Qm	0.	0.	0.
541	541	567	Qm	0.	0.	0.
541	541	593	Qm	0.	0.	0.
541	541	592	Qm	0.	0.	0.
541	541	566	Qs	0.	0.	0.
541	541	567	Qs	0.	0.	0.
541	541	593	Qs	0.	0.	0.
541	541	592	Qs	0.	0.	0.
541	541	566	T+	-0.88526	-0.88526	-8.700E-17
541	541	567	T+	-0.88526	-0.88526	-1.848E-16
541	541	593	T+	-0.88526	-0.88526	3.166E-17
541	541	592	T+	-0.88526	-0.88526	8.943E-17
541	541	566	T-	0.88526	0.88526	8.700E-17
541	541	567	T-	0.88526	0.88526	1.848E-16
541	541	593	T-	0.88526	0.88526	-3.166E-17
541	541	592	T-	0.88526	0.88526	-8.943E-17
541	541	566	W	0.	0.	0.
541	541	567	W	0.	0.	0.
541	541	593	W	0.	0.	0.
541	541	592	W	0.	0.	0.
541	541	566	Qm-1	0.	0.	0.
541	541	567	Qm-1	0.	0.	0.
541	541	593	Qm-1	0.	0.	0.
541	541	592	Qm-1	0.	0.	0.
541	541	566	Qm-2	0.	0.	0.
541	541	567	Qm-2	0.	0.	0.
541	541	593	Qm-2	0.	0.	0.
541	541	592	Qm-2	0.	0.	0.
542	542	567	DEAD	0.	0.	0.
542	542	568	DEAD	0.	0.	0.
542	542	594	DEAD	0.	0.	0.
542	542	593	DEAD	0.	0.	0.

Table 27: Element Forces - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	F11	F22	F12
				KN/mm	KN/mm	KN/mm
542	542	567	G1	0.	0.	0.
542	542	568	G1	0.	0.	0.
542	542	594	G1	0.	0.	0.
542	542	593	G1	0.	0.	0.
542	542	567	G2	0.	0.	0.
542	542	568	G2	0.	0.	0.
542	542	594	G2	0.	0.	0.
542	542	593	G2	0.	0.	0.
542	542	567	Qm	0.	0.	0.
542	542	568	Qm	0.	0.	0.
542	542	594	Qm	0.	0.	0.
542	542	593	Qm	0.	0.	0.
542	542	567	Qs	0.	0.	0.
542	542	568	Qs	0.	0.	0.
542	542	594	Qs	0.	0.	0.
542	542	593	Qs	0.	0.	0.
542	542	567	T+	-0.88526	-0.88526	2.013E-16
542	542	568	T+	-0.88526	-0.88526	-8.693E-16
542	542	594	T+	-0.88526	-0.88526	-8.911E-17
542	542	593	T+	-0.88526	-0.88526	8.615E-16
542	542	567	T-	0.88526	0.88526	-2.013E-16
542	542	568	T-	0.88526	0.88526	8.693E-16
542	542	594	T-	0.88526	0.88526	8.911E-17
542	542	593	T-	0.88526	0.88526	-8.615E-16
542	542	567	W	0.	0.	0.
542	542	568	W	0.	0.	0.
542	542	594	W	0.	0.	0.
542	542	593	W	0.	0.	0.
542	542	567	Qm-1	0.	0.	0.
542	542	568	Qm-1	0.	0.	0.
542	542	594	Qm-1	0.	0.	0.
542	542	593	Qm-1	0.	0.	0.
542	542	567	Qm-2	0.	0.	0.
542	542	568	Qm-2	0.	0.	0.
542	542	594	Qm-2	0.	0.	0.
542	542	593	Qm-2	0.	0.	0.
543	543	568	DEAD	0.	0.	0.
543	543	569	DEAD	0.	0.	0.
543	543	595	DEAD	0.	0.	0.
543	543	594	DEAD	0.	0.	0.
543	543	568	G1	0.	0.	0.
543	543	569	G1	0.	0.	0.
543	543	595	G1	0.	0.	0.
543	543	594	G1	0.	0.	0.
543	543	568	G2	0.	0.	0.
543	543	569	G2	0.	0.	0.
543	543	595	G2	0.	0.	0.
543	543	594	G2	0.	0.	0.
543	543	568	Qm	0.	0.	0.
543	543	569	Qm	0.	0.	0.
543	543	595	Qm	0.	0.	0.
543	543	594	Qm	0.	0.	0.
543	543	568	Qs	0.	0.	0.
543	543	569	Qs	0.	0.	0.

Table 27: Element Forces - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	F11	F22	F12
				KN/mm	KN/mm	KN/mm
543	543	595	Qs	0.	0.	0.
543	543	594	Qs	0.	0.	0.
543	543	568	T+	-0.88526	-0.88526	-2.264E-16
543	543	569	T+	-0.88526	-0.88526	9.565E-16
543	543	595	T+	-0.88526	-0.88526	3.421E-16
543	543	594	T+	-0.88526	-0.88526	-8.408E-16
543	543	568	T-	0.88526	0.88526	2.264E-16
543	543	569	T-	0.88526	0.88526	-9.565E-16
543	543	595	T-	0.88526	0.88526	-3.421E-16
543	543	594	T-	0.88526	0.88526	8.408E-16
543	543	568	W	0.	0.	0.
543	543	569	W	0.	0.	0.
543	543	595	W	0.	0.	0.
543	543	594	W	0.	0.	0.
543	543	568	Qm-1	0.	0.	0.
543	543	569	Qm-1	0.	0.	0.
543	543	595	Qm-1	0.	0.	0.
543	543	594	Qm-1	0.	0.	0.
543	543	568	Qm-2	0.	0.	0.
543	543	569	Qm-2	0.	0.	0.
543	543	595	Qm-2	0.	0.	0.
543	543	594	Qm-2	0.	0.	0.
544	544	569	DEAD	0.	0.	0.
544	544	570	DEAD	0.	0.	0.
544	544	596	DEAD	0.	0.	0.
544	544	595	DEAD	0.	0.	0.
544	544	569	G1	0.	0.	0.
544	544	570	G1	0.	0.	0.
544	544	596	G1	0.	0.	0.
544	544	595	G1	0.	0.	0.
544	544	569	G2	0.	0.	0.
544	544	570	G2	0.	0.	0.
544	544	596	G2	0.	0.	0.
544	544	595	G2	0.	0.	0.
544	544	569	Qm	0.	0.	0.
544	544	570	Qm	0.	0.	0.
544	544	596	Qm	0.	0.	0.
544	544	595	Qm	0.	0.	0.
544	544	569	Qs	0.	0.	0.
544	544	570	Qs	0.	0.	0.
544	544	596	Qs	0.	0.	0.
544	544	595	Qs	0.	0.	0.
544	544	569	T+	-0.88526	-0.88526	1.871E-16
544	544	570	T+	-0.88526	-0.88526	-4.154E-16
544	544	596	T+	-0.88526	-0.88526	-1.462E-16
544	544	595	T+	-0.88526	-0.88526	4.963E-16
544	544	569	T-	0.88526	0.88526	-1.871E-16
544	544	570	T-	0.88526	0.88526	4.154E-16
544	544	596	T-	0.88526	0.88526	1.462E-16
544	544	595	T-	0.88526	0.88526	-4.963E-16
544	544	569	W	0.	0.	0.
544	544	570	W	0.	0.	0.
544	544	596	W	0.	0.	0.
544	544	595	W	0.	0.	0.

Table 27: Element Forces - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	F11	F22	F12
				KN/mm	KN/mm	KN/mm
544	544	569	Qm-1	0.	0.	0.
544	544	570	Qm-1	0.	0.	0.
544	544	596	Qm-1	0.	0.	0.
544	544	595	Qm-1	0.	0.	0.
544	544	569	Qm-2	0.	0.	0.
544	544	570	Qm-2	0.	0.	0.
544	544	596	Qm-2	0.	0.	0.
544	544	595	Qm-2	0.	0.	0.
545	545	570	DEAD	0.	0.	0.
545	545	571	DEAD	0.	0.	0.
545	545	597	DEAD	0.	0.	0.
545	545	596	DEAD	0.	0.	0.
545	545	570	G1	0.	0.	0.
545	545	571	G1	0.	0.	0.
545	545	597	G1	0.	0.	0.
545	545	596	G1	0.	0.	0.
545	545	570	G2	0.	0.	0.
545	545	571	G2	0.	0.	0.
545	545	597	G2	0.	0.	0.
545	545	596	G2	0.	0.	0.
545	545	570	Qm	0.	0.	0.
545	545	571	Qm	0.	0.	0.
545	545	597	Qm	0.	0.	0.
545	545	596	Qm	0.	0.	0.
545	545	570	Qs	0.	0.	0.
545	545	571	Qs	0.	0.	0.
545	545	597	Qs	0.	0.	0.
545	545	596	Qs	0.	0.	0.
545	545	570	T+	-0.88526	-0.88526	-1.273E-16
545	545	571	T+	-0.88526	-0.88526	4.702E-16
545	545	597	T+	-0.88526	-0.88526	2.859E-16
545	545	596	T+	-0.88526	-0.88526	-3.517E-16
545	545	570	T-	0.88526	0.88526	1.273E-16
545	545	571	T-	0.88526	0.88526	-4.702E-16
545	545	597	T-	0.88526	0.88526	-2.859E-16
545	545	596	T-	0.88526	0.88526	3.517E-16
545	545	570	W	0.	0.	0.
545	545	571	W	0.	0.	0.
545	545	597	W	0.	0.	0.
545	545	596	W	0.	0.	0.
545	545	570	Qm-1	0.	0.	0.
545	545	571	Qm-1	0.	0.	0.
545	545	597	Qm-1	0.	0.	0.
545	545	596	Qm-1	0.	0.	0.
545	545	570	Qm-2	0.	0.	0.
545	545	571	Qm-2	0.	0.	0.
545	545	597	Qm-2	0.	0.	0.
545	545	596	Qm-2	0.	0.	0.
546	546	571	DEAD	0.	0.	0.
546	546	572	DEAD	0.	0.	0.
546	546	598	DEAD	0.	0.	0.
546	546	597	DEAD	0.	0.	0.
546	546	571	G1	0.	0.	0.
546	546	572	G1	0.	0.	0.

Table 27: Element Forces - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	F11	F22	F12
				KN/mm	KN/mm	KN/mm
546	546	598	G1	0.	0.	0.
546	546	597	G1	0.	0.	0.
546	546	571	G2	0.	0.	0.
546	546	572	G2	0.	0.	0.
546	546	598	G2	0.	0.	0.
546	546	597	G2	0.	0.	0.
546	546	571	Qm	0.	0.	0.
546	546	572	Qm	0.	0.	0.
546	546	598	Qm	0.	0.	0.
546	546	597	Qm	0.	0.	0.
546	546	571	Qs	0.	0.	0.
546	546	572	Qs	0.	0.	0.
546	546	598	Qs	0.	0.	0.
546	546	597	Qs	0.	0.	0.
546	546	571	T+	-0.88526	-0.88526	-2.039E-17
546	546	572	T+	-0.88526	-0.88526	-7.619E-16
546	546	598	T+	-0.88526	-0.88526	-2.124E-16
546	546	597	T+	-0.88526	-0.88526	5.691E-16
546	546	571	T-	0.88526	0.88526	2.039E-17
546	546	572	T-	0.88526	0.88526	7.619E-16
546	546	598	T-	0.88526	0.88526	2.124E-16
546	546	597	T-	0.88526	0.88526	-5.691E-16
546	546	571	W	0.	0.	0.
546	546	572	W	0.	0.	0.
546	546	598	W	0.	0.	0.
546	546	597	W	0.	0.	0.
546	546	571	Qm-1	0.	0.	0.
546	546	572	Qm-1	0.	0.	0.
546	546	598	Qm-1	0.	0.	0.
546	546	597	Qm-1	0.	0.	0.
546	546	571	Qm-2	0.	0.	0.
546	546	572	Qm-2	0.	0.	0.
546	546	598	Qm-2	0.	0.	0.
546	546	597	Qm-2	0.	0.	0.
547	547	572	DEAD	0.	0.	0.
547	547	573	DEAD	0.	0.	0.
547	547	599	DEAD	0.	0.	0.
547	547	598	DEAD	0.	0.	0.
547	547	572	G1	0.	0.	0.
547	547	573	G1	0.	0.	0.
547	547	599	G1	0.	0.	0.
547	547	598	G1	0.	0.	0.
547	547	572	G2	0.	0.	0.
547	547	573	G2	0.	0.	0.
547	547	599	G2	0.	0.	0.
547	547	598	G2	0.	0.	0.
547	547	572	Qm	0.	0.	0.
547	547	573	Qm	0.	0.	0.
547	547	599	Qm	0.	0.	0.
547	547	598	Qm	0.	0.	0.
547	547	572	Qs	0.	0.	0.
547	547	573	Qs	0.	0.	0.
547	547	599	Qs	0.	0.	0.
547	547	598	Qs	0.	0.	0.

Table 27: Element Forces - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	F11	F22	F12
				KN/mm	KN/mm	KN/mm
547	547	572	T+	-0.88526	-0.88526	-1.734E-16
547	547	573	T+	-0.88526	-0.88526	-1.001E-16
547	547	599	T+	-0.88526	-0.88526	8.919E-17
547	547	598	T+	-0.88526	-0.88526	-6.415E-17
547	547	572	T-	0.88526	0.88526	1.734E-16
547	547	573	T-	0.88526	0.88526	1.001E-16
547	547	599	T-	0.88526	0.88526	-8.919E-17
547	547	598	T-	0.88526	0.88526	6.415E-17
547	547	572	W	0.	0.	0.
547	547	573	W	0.	0.	0.
547	547	599	W	0.	0.	0.
547	547	598	W	0.	0.	0.
547	547	572	Qm-1	0.	0.	0.
547	547	573	Qm-1	0.	0.	0.
547	547	599	Qm-1	0.	0.	0.
547	547	598	Qm-1	0.	0.	0.
547	547	572	Qm-2	0.	0.	0.
547	547	573	Qm-2	0.	0.	0.
547	547	599	Qm-2	0.	0.	0.
547	547	598	Qm-2	0.	0.	0.
548	548	573	DEAD	0.	0.	0.
548	548	574	DEAD	0.	0.	0.
548	548	600	DEAD	0.	0.	0.
548	548	599	DEAD	0.	0.	0.
548	548	573	G1	0.	0.	0.
548	548	574	G1	0.	0.	0.
548	548	600	G1	0.	0.	0.
548	548	599	G1	0.	0.	0.
548	548	573	G2	0.	0.	0.
548	548	574	G2	0.	0.	0.
548	548	600	G2	0.	0.	0.
548	548	599	G2	0.	0.	0.
548	548	573	Qm	0.	0.	0.
548	548	574	Qm	0.	0.	0.
548	548	600	Qm	0.	0.	0.
548	548	599	Qm	0.	0.	0.
548	548	573	Qs	0.	0.	0.
548	548	574	Qs	0.	0.	0.
548	548	600	Qs	0.	0.	0.
548	548	599	Qs	0.	0.	0.
548	548	573	T+	-0.88526	-0.88526	-2.020E-17
548	548	574	T+	-0.88526	-0.88526	-2.681E-16
548	548	600	T+	-0.88526	-0.88526	-1.397E-16
548	548	599	T+	-0.88526	-0.88526	2.682E-16
548	548	573	T-	0.88526	0.88526	2.020E-17
548	548	574	T-	0.88526	0.88526	2.681E-16
548	548	600	T-	0.88526	0.88526	1.397E-16
548	548	599	T-	0.88526	0.88526	-2.682E-16
548	548	573	W	0.	0.	0.
548	548	574	W	0.	0.	0.
548	548	600	W	0.	0.	0.
548	548	599	W	0.	0.	0.
548	548	573	Qm-1	0.	0.	0.
548	548	574	Qm-1	0.	0.	0.

Table 27: Element Forces - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	F11	F22	F12
				KN/mm	KN/mm	KN/mm
548	548	600	Qm-1	0.	0.	0.
548	548	599	Qm-1	0.	0.	0.
548	548	573	Qm-2	0.	0.	0.
548	548	574	Qm-2	0.	0.	0.
548	548	600	Qm-2	0.	0.	0.
548	548	599	Qm-2	0.	0.	0.
549	549	574	DEAD	0.	0.	0.
549	549	575	DEAD	0.	0.	0.
549	549	601	DEAD	0.	0.	0.
549	549	600	DEAD	0.	0.	0.
549	549	574	G1	0.	0.	0.
549	549	575	G1	0.	0.	0.
549	549	601	G1	0.	0.	0.
549	549	600	G1	0.	0.	0.
549	549	574	G2	0.	0.	0.
549	549	575	G2	0.	0.	0.
549	549	601	G2	0.	0.	0.
549	549	600	G2	0.	0.	0.
549	549	574	Qm	0.	0.	0.
549	549	575	Qm	0.	0.	0.
549	549	601	Qm	0.	0.	0.
549	549	600	Qm	0.	0.	0.
549	549	574	Qs	0.	0.	0.
549	549	575	Qs	0.	0.	0.
549	549	601	Qs	0.	0.	0.
549	549	600	Qs	0.	0.	0.
549	549	574	T+	-0.88526	-0.88526	-2.209E-16
549	549	575	T+	-0.88526	-0.88526	6.461E-16
549	549	601	T+	-0.88526	-0.88526	1.266E-16
549	549	600	T+	-0.88526	-0.88526	-7.404E-16
549	549	574	T-	0.88526	0.88526	2.209E-16
549	549	575	T-	0.88526	0.88526	-6.461E-16
549	549	601	T-	0.88526	0.88526	-1.266E-16
549	549	600	T-	0.88526	0.88526	7.404E-16
549	549	574	W	0.	0.	0.
549	549	575	W	0.	0.	0.
549	549	601	W	0.	0.	0.
549	549	600	W	0.	0.	0.
549	549	574	Qm-1	0.	0.	0.
549	549	575	Qm-1	0.	0.	0.
549	549	601	Qm-1	0.	0.	0.
549	549	600	Qm-1	0.	0.	0.
549	549	574	Qm-2	0.	0.	0.
549	549	575	Qm-2	0.	0.	0.
549	549	601	Qm-2	0.	0.	0.
549	549	600	Qm-2	0.	0.	0.
550	550	575	DEAD	0.	0.	0.
550	550	576	DEAD	0.	0.	0.
550	550	602	DEAD	0.	0.	0.
550	550	601	DEAD	0.	0.	0.
550	550	575	G1	0.	0.	0.
550	550	576	G1	0.	0.	0.
550	550	602	G1	0.	0.	0.
550	550	601	G1	0.	0.	0.

Table 27: Element Forces - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	F11	F22	F12
				KN/mm	KN/mm	KN/mm
550	550	575	G2	0.	0.	0.
550	550	576	G2	0.	0.	0.
550	550	602	G2	0.	0.	0.
550	550	601	G2	0.	0.	0.
550	550	575	Qm	0.	0.	0.
550	550	576	Qm	0.	0.	0.
550	550	602	Qm	0.	0.	0.
550	550	601	Qm	0.	0.	0.
550	550	575	Qs	0.	0.	0.
550	550	576	Qs	0.	0.	0.
550	550	602	Qs	0.	0.	0.
550	550	601	Qs	0.	0.	0.
550	550	575	T+	-0.88526	-0.88526	1.995E-16
550	550	576	T+	-0.88526	-0.88526	-4.304E-16
550	550	602	T+	-0.88526	-0.88526	-1.357E-16
550	550	601	T+	-0.88526	-0.88526	4.942E-16
550	550	575	T-	0.88526	0.88526	-1.995E-16
550	550	576	T-	0.88526	0.88526	4.304E-16
550	550	602	T-	0.88526	0.88526	1.357E-16
550	550	601	T-	0.88526	0.88526	-4.942E-16
550	550	575	W	0.	0.	0.
550	550	576	W	0.	0.	0.
550	550	602	W	0.	0.	0.
550	550	601	W	0.	0.	0.
550	550	575	Qm-1	0.	0.	0.
550	550	576	Qm-1	0.	0.	0.
550	550	602	Qm-1	0.	0.	0.
550	550	601	Qm-1	0.	0.	0.
550	550	575	Qm-2	0.	0.	0.
550	550	576	Qm-2	0.	0.	0.
550	550	602	Qm-2	0.	0.	0.
550	550	601	Qm-2	0.	0.	0.
551	551	576	DEAD	0.	0.	0.
551	551	577	DEAD	0.	0.	0.
551	551	603	DEAD	0.	0.	0.
551	551	602	DEAD	0.	0.	0.
551	551	576	G1	0.	0.	0.
551	551	577	G1	0.	0.	0.
551	551	603	G1	0.	0.	0.
551	551	602	G1	0.	0.	0.
551	551	576	G2	0.	0.	0.
551	551	577	G2	0.	0.	0.
551	551	603	G2	0.	0.	0.
551	551	602	G2	0.	0.	0.
551	551	576	Qm	0.	0.	0.
551	551	577	Qm	0.	0.	0.
551	551	603	Qm	0.	0.	0.
551	551	602	Qm	0.	0.	0.
551	551	576	Qs	0.	0.	0.
551	551	577	Qs	0.	0.	0.
551	551	603	Qs	0.	0.	0.
551	551	602	Qs	0.	0.	0.
551	551	576	T+	-0.88526	-0.88526	-1.435E-16
551	551	577	T+	-0.88526	-0.88526	1.284E-17

Table 27: Element Forces - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	F11	F22	F12
				KN/mm	KN/mm	KN/mm
551	551	603	T+	-0.88526	-0.88526	1.843E-16
551	551	602	T+	-0.88526	-0.88526	1.080E-16
551	551	576	T-	0.88526	0.88526	1.435E-16
551	551	577	T-	0.88526	0.88526	-1.284E-17
551	551	603	T-	0.88526	0.88526	-1.843E-16
551	551	602	T-	0.88526	0.88526	-1.080E-16
551	551	576	W	0.	0.	0.
551	551	577	W	0.	0.	0.
551	551	603	W	0.	0.	0.
551	551	602	W	0.	0.	0.
551	551	576	Qm-1	0.	0.	0.
551	551	577	Qm-1	0.	0.	0.
551	551	603	Qm-1	0.	0.	0.
551	551	602	Qm-1	0.	0.	0.
551	551	576	Qm-2	0.	0.	0.
551	551	577	Qm-2	0.	0.	0.
551	551	603	Qm-2	0.	0.	0.
551	551	602	Qm-2	0.	0.	0.
552	552	577	DEAD	0.	0.	0.
552	552	578	DEAD	0.	0.	0.
552	552	604	DEAD	0.	0.	0.
552	552	603	DEAD	0.	0.	0.
552	552	577	G1	0.	0.	0.
552	552	578	G1	0.	0.	0.
552	552	604	G1	0.	0.	0.
552	552	603	G1	0.	0.	0.
552	552	577	G2	0.	0.	0.
552	552	578	G2	0.	0.	0.
552	552	604	G2	0.	0.	0.
552	552	603	G2	0.	0.	0.
552	552	577	Qm	0.	0.	0.
552	552	578	Qm	0.	0.	0.
552	552	604	Qm	0.	0.	0.
552	552	603	Qm	0.	0.	0.
552	552	577	Qs	0.	0.	0.
552	552	578	Qs	0.	0.	0.
552	552	604	Qs	0.	0.	0.
552	552	603	Qs	0.	0.	0.
552	552	577	T+	-0.88526	-0.88526	1.549E-16
552	552	578	T+	-0.88526	-0.88526	-4.525E-16
552	552	604	T+	-0.88526	-0.88526	-9.111E-17
552	552	603	T+	-0.88526	-0.88526	5.164E-16
552	552	577	T-	0.88526	0.88526	-1.549E-16
552	552	578	T-	0.88526	0.88526	4.525E-16
552	552	604	T-	0.88526	0.88526	9.111E-17
552	552	603	T-	0.88526	0.88526	-5.164E-16
552	552	577	W	0.	0.	0.
552	552	578	W	0.	0.	0.
552	552	604	W	0.	0.	0.
552	552	603	W	0.	0.	0.
552	552	577	Qm-1	0.	0.	0.
552	552	578	Qm-1	0.	0.	0.
552	552	604	Qm-1	0.	0.	0.
552	552	603	Qm-1	0.	0.	0.

Table 27: Element Forces - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	F11	F22	F12
				KN/mm	KN/mm	KN/mm
552	552	577	Qm-2	0.	0.	0.
552	552	578	Qm-2	0.	0.	0.
552	552	604	Qm-2	0.	0.	0.
552	552	603	Qm-2	0.	0.	0.
553	553	579	DEAD	0.	0.	0.
553	553	580	DEAD	0.	0.	0.
553	553	606	DEAD	0.	0.	0.
553	553	605	DEAD	0.	0.	0.
553	553	579	G1	0.	0.	0.
553	553	580	G1	0.	0.	0.
553	553	606	G1	0.	0.	0.
553	553	605	G1	0.	0.	0.
553	553	579	G2	0.	0.	0.
553	553	580	G2	0.	0.	0.
553	553	606	G2	0.	0.	0.
553	553	605	G2	0.	0.	0.
553	553	579	Qm	0.	0.	0.
553	553	580	Qm	0.	0.	0.
553	553	606	Qm	0.	0.	0.
553	553	605	Qm	0.	0.	0.
553	553	579	Qs	0.	0.	0.
553	553	580	Qs	0.	0.	0.
553	553	606	Qs	0.	0.	0.
553	553	605	Qs	0.	0.	0.
553	553	579	T+	-0.88526	-0.88526	-3.753E-17
553	553	580	T+	-0.88526	-0.88526	-8.649E-17
553	553	606	T+	-0.88526	-0.88526	1.006E-16
553	553	605	T+	-0.88526	-0.88526	2.696E-16
553	553	579	T-	0.88526	0.88526	3.753E-17
553	553	580	T-	0.88526	0.88526	8.649E-17
553	553	606	T-	0.88526	0.88526	-1.006E-16
553	553	605	T-	0.88526	0.88526	-2.696E-16
553	553	579	W	0.	0.	0.
553	553	580	W	0.	0.	0.
553	553	606	W	0.	0.	0.
553	553	605	W	0.	0.	0.
553	553	579	Qm-1	0.	0.	0.
553	553	580	Qm-1	0.	0.	0.
553	553	606	Qm-1	0.	0.	0.
553	553	605	Qm-1	0.	0.	0.
553	553	579	Qm-2	0.	0.	0.
553	553	580	Qm-2	0.	0.	0.
553	553	606	Qm-2	0.	0.	0.
553	553	605	Qm-2	0.	0.	0.
554	554	580	DEAD	0.	0.	0.
554	554	581	DEAD	0.	0.	0.
554	554	607	DEAD	0.	0.	0.
554	554	606	DEAD	0.	0.	0.
554	554	580	G1	0.	0.	0.
554	554	581	G1	0.	0.	0.
554	554	607	G1	0.	0.	0.
554	554	606	G1	0.	0.	0.
554	554	580	G2	0.	0.	0.
554	554	581	G2	0.	0.	0.

Table 27: Element Forces - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	F11	F22	F12
				KN/mm	KN/mm	KN/mm
554	554	607	G2	0.	0.	0.
554	554	606	G2	0.	0.	0.
554	554	580	Qm	0.	0.	0.
554	554	581	Qm	0.	0.	0.
554	554	607	Qm	0.	0.	0.
554	554	606	Qm	0.	0.	0.
554	554	580	Qs	0.	0.	0.
554	554	581	Qs	0.	0.	0.
554	554	607	Qs	0.	0.	0.
554	554	606	Qs	0.	0.	0.
554	554	580	T+	-0.88526	-0.88526	1.747E-17
554	554	581	T+	-0.88526	-0.88526	-7.363E-17
554	554	607	T+	-0.88526	-0.88526	4.565E-17
554	554	606	T+	-0.88526	-0.88526	2.567E-16
554	554	580	T-	0.88526	0.88526	-1.747E-17
554	554	581	T-	0.88526	0.88526	7.363E-17
554	554	607	T-	0.88526	0.88526	-4.565E-17
554	554	606	T-	0.88526	0.88526	-2.567E-16
554	554	580	W	0.	0.	0.
554	554	581	W	0.	0.	0.
554	554	607	W	0.	0.	0.
554	554	606	W	0.	0.	0.
554	554	580	Qm-1	0.	0.	0.
554	554	581	Qm-1	0.	0.	0.
554	554	607	Qm-1	0.	0.	0.
554	554	606	Qm-1	0.	0.	0.
554	554	580	Qm-2	0.	0.	0.
554	554	581	Qm-2	0.	0.	0.
554	554	607	Qm-2	0.	0.	0.
554	554	606	Qm-2	0.	0.	0.
555	555	581	DEAD	0.	0.	0.
555	555	582	DEAD	0.	0.	0.
555	555	608	DEAD	0.	0.	0.
555	555	607	DEAD	0.	0.	0.
555	555	581	G1	0.	0.	0.
555	555	582	G1	0.	0.	0.
555	555	608	G1	0.	0.	0.
555	555	607	G1	0.	0.	0.
555	555	581	G2	0.	0.	0.
555	555	582	G2	0.	0.	0.
555	555	608	G2	0.	0.	0.
555	555	607	G2	0.	0.	0.
555	555	581	Qm	0.	0.	0.
555	555	582	Qm	0.	0.	0.
555	555	608	Qm	0.	0.	0.
555	555	607	Qm	0.	0.	0.
555	555	581	Qs	0.	0.	0.
555	555	582	Qs	0.	0.	0.
555	555	608	Qs	0.	0.	0.
555	555	607	Qs	0.	0.	0.
555	555	581	T+	-0.88526	-0.88526	-7.055E-17
555	555	582	T+	-0.88526	-0.88526	-1.393E-16
555	555	608	T+	-0.88526	-0.88526	1.337E-16
555	555	607	T+	-0.88526	-0.88526	3.224E-16

Table 27: Element Forces - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	F11	F22	F12
				KN/mm	KN/mm	KN/mm
555	555	581	T-	0.88526	0.88526	7.055E-17
555	555	582	T-	0.88526	0.88526	1.393E-16
555	555	608	T-	0.88526	0.88526	-1.337E-16
555	555	607	T-	0.88526	0.88526	-3.224E-16
555	555	581	W	0.	0.	0.
555	555	582	W	0.	0.	0.
555	555	608	W	0.	0.	0.
555	555	607	W	0.	0.	0.
555	555	581	Qm-1	0.	0.	0.
555	555	582	Qm-1	0.	0.	0.
555	555	608	Qm-1	0.	0.	0.
555	555	607	Qm-1	0.	0.	0.
555	555	581	Qm-2	0.	0.	0.
555	555	582	Qm-2	0.	0.	0.
555	555	608	Qm-2	0.	0.	0.
555	555	607	Qm-2	0.	0.	0.
556	556	582	DEAD	0.	0.	0.
556	556	583	DEAD	0.	0.	0.
556	556	609	DEAD	0.	0.	0.
556	556	608	DEAD	0.	0.	0.
556	556	582	G1	0.	0.	0.
556	556	583	G1	0.	0.	0.
556	556	609	G1	0.	0.	0.
556	556	608	G1	0.	0.	0.
556	556	582	G2	0.	0.	0.
556	556	583	G2	0.	0.	0.
556	556	609	G2	0.	0.	0.
556	556	608	G2	0.	0.	0.
556	556	582	Qm	0.	0.	0.
556	556	583	Qm	0.	0.	0.
556	556	609	Qm	0.	0.	0.
556	556	608	Qm	0.	0.	0.
556	556	582	Qs	0.	0.	0.
556	556	583	Qs	0.	0.	0.
556	556	609	Qs	0.	0.	0.
556	556	608	Qs	0.	0.	0.
556	556	582	T+	-0.88526	-0.88526	5.186E-17
556	556	583	T+	-0.88526	-0.88526	-5.534E-17
556	556	609	T+	-0.88526	-0.88526	1.126E-17
556	556	608	T+	-0.88526	-0.88526	2.384E-16
556	556	582	T-	0.88526	0.88526	-5.186E-17
556	556	583	T-	0.88526	0.88526	5.534E-17
556	556	609	T-	0.88526	0.88526	-1.126E-17
556	556	608	T-	0.88526	0.88526	-2.384E-16
556	556	582	W	0.	0.	0.
556	556	583	W	0.	0.	0.
556	556	609	W	0.	0.	0.
556	556	608	W	0.	0.	0.
556	556	582	Qm-1	0.	0.	0.
556	556	583	Qm-1	0.	0.	0.
556	556	609	Qm-1	0.	0.	0.
556	556	608	Qm-1	0.	0.	0.
556	556	582	Qm-2	0.	0.	0.
556	556	583	Qm-2	0.	0.	0.

Table 27: Element Forces - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	F11	F22	F12
				KN/mm	KN/mm	KN/mm
556	556	609	Qm-2	0.	0.	0.
556	556	608	Qm-2	0.	0.	0.
557	557	583	DEAD	0.	0.	0.
557	557	584	DEAD	0.	0.	0.
557	557	610	DEAD	0.	0.	0.
557	557	609	DEAD	0.	0.	0.
557	557	583	G1	0.	0.	0.
557	557	584	G1	0.	0.	0.
557	557	610	G1	0.	0.	0.
557	557	609	G1	0.	0.	0.
557	557	583	G2	0.	0.	0.
557	557	584	G2	0.	0.	0.
557	557	610	G2	0.	0.	0.
557	557	609	G2	0.	0.	0.
557	557	583	Qm	0.	0.	0.
557	557	584	Qm	0.	0.	0.
557	557	610	Qm	0.	0.	0.
557	557	609	Qm	0.	0.	0.
557	557	583	Qs	0.	0.	0.
557	557	584	Qs	0.	0.	0.
557	557	610	Qs	0.	0.	0.
557	557	609	Qs	0.	0.	0.
557	557	583	T+	-0.88526	-0.88526	-8.622E-17
557	557	584	T+	-0.88526	-0.88526	-1.736E-15
557	557	610	T+	-0.88526	-0.88526	-6.448E-17
557	557	609	T+	-0.88526	-0.88526	1.505E-15
557	557	583	T-	0.88526	0.88526	8.622E-17
557	557	584	T-	0.88526	0.88526	1.736E-15
557	557	610	T-	0.88526	0.88526	6.448E-17
557	557	609	T-	0.88526	0.88526	-1.505E-15
557	557	583	W	0.	0.	0.
557	557	584	W	0.	0.	0.
557	557	610	W	0.	0.	0.
557	557	609	W	0.	0.	0.
557	557	583	Qm-1	0.	0.	0.
557	557	584	Qm-1	0.	0.	0.
557	557	610	Qm-1	0.	0.	0.
557	557	609	Qm-1	0.	0.	0.
557	557	583	Qm-2	0.	0.	0.
557	557	584	Qm-2	0.	0.	0.
557	557	610	Qm-2	0.	0.	0.
557	557	609	Qm-2	0.	0.	0.
558	558	584	DEAD	0.	0.	0.
558	558	585	DEAD	0.	0.	0.
558	558	611	DEAD	0.	0.	0.
558	558	610	DEAD	0.	0.	0.
558	558	584	G1	0.	0.	0.
558	558	585	G1	0.	0.	0.
558	558	611	G1	0.	0.	0.
558	558	610	G1	0.	0.	0.
558	558	584	G2	0.	0.	0.
558	558	585	G2	0.	0.	0.
558	558	611	G2	0.	0.	0.
558	558	610	G2	0.	0.	0.

Table 27: Element Forces - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	F11	F22	F12
				KN/mm	KN/mm	KN/mm
558	558	584	Qm	0.	0.	0.
558	558	585	Qm	0.	0.	0.
558	558	611	Qm	0.	0.	0.
558	558	610	Qm	0.	0.	0.
558	558	584	Qs	0.	0.	0.
558	558	585	Qs	0.	0.	0.
558	558	611	Qs	0.	0.	0.
558	558	610	Qs	0.	0.	0.
558	558	584	T+	-0.88526	-0.88526	-4.747E-17
558	558	585	T+	-0.88526	-0.88526	-4.157E-16
558	558	611	T+	-0.88526	-0.88526	6.082E-17
558	558	610	T+	-0.88526	-0.88526	4.290E-16
558	558	584	T-	0.88526	0.88526	4.747E-17
558	558	585	T-	0.88526	0.88526	4.157E-16
558	558	611	T-	0.88526	0.88526	-6.082E-17
558	558	610	T-	0.88526	0.88526	-4.290E-16
558	558	584	W	0.	0.	0.
558	558	585	W	0.	0.	0.
558	558	611	W	0.	0.	0.
558	558	610	W	0.	0.	0.
558	558	584	Qm-1	0.	0.	0.
558	558	585	Qm-1	0.	0.	0.
558	558	611	Qm-1	0.	0.	0.
558	558	610	Qm-1	0.	0.	0.
558	558	584	Qm-2	0.	0.	0.
558	558	585	Qm-2	0.	0.	0.
558	558	611	Qm-2	0.	0.	0.
558	558	610	Qm-2	0.	0.	0.
559	559	585	DEAD	0.	0.	0.
559	559	586	DEAD	0.	0.	0.
559	559	612	DEAD	0.	0.	0.
559	559	611	DEAD	0.	0.	0.
559	559	585	G1	0.	0.	0.
559	559	586	G1	0.	0.	0.
559	559	612	G1	0.	0.	0.
559	559	611	G1	0.	0.	0.
559	559	585	G2	0.	0.	0.
559	559	586	G2	0.	0.	0.
559	559	612	G2	0.	0.	0.
559	559	611	G2	0.	0.	0.
559	559	585	Qm	0.	0.	0.
559	559	586	Qm	0.	0.	0.
559	559	612	Qm	0.	0.	0.
559	559	611	Qm	0.	0.	0.
559	559	585	Qs	0.	0.	0.
559	559	586	Qs	0.	0.	0.
559	559	612	Qs	0.	0.	0.
559	559	611	Qs	0.	0.	0.
559	559	585	T+	-0.88526	-0.88526	-2.353E-16
559	559	586	T+	-0.88526	-0.88526	-2.225E-17
559	559	612	T+	-0.88526	-0.88526	-1.450E-18
559	559	611	T+	-0.88526	-0.88526	-1.745E-16
559	559	585	T-	0.88526	0.88526	2.353E-16
559	559	586	T-	0.88526	0.88526	2.225E-17

Table 27: Element Forces - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	F11	F22	F12
				KN/mm	KN/mm	KN/mm
559	559	612	T-	0.88526	0.88526	1.450E-18
559	559	611	T-	0.88526	0.88526	1.745E-16
559	559	585	W	0.	0.	0.
559	559	586	W	0.	0.	0.
559	559	612	W	0.	0.	0.
559	559	611	W	0.	0.	0.
559	559	585	Qm-1	0.	0.	0.
559	559	586	Qm-1	0.	0.	0.
559	559	612	Qm-1	0.	0.	0.
559	559	611	Qm-1	0.	0.	0.
559	559	585	Qm-2	0.	0.	0.
559	559	586	Qm-2	0.	0.	0.
559	559	612	Qm-2	0.	0.	0.
559	559	611	Qm-2	0.	0.	0.
560	560	586	DEAD	0.	0.	0.
560	560	587	DEAD	0.	0.	0.
560	560	613	DEAD	0.	0.	0.
560	560	612	DEAD	0.	0.	0.
560	560	586	G1	0.	0.	0.
560	560	587	G1	0.	0.	0.
560	560	613	G1	0.	0.	0.
560	560	612	G1	0.	0.	0.
560	560	586	G2	0.	0.	0.
560	560	587	G2	0.	0.	0.
560	560	613	G2	0.	0.	0.
560	560	612	G2	0.	0.	0.
560	560	586	Qm	0.	0.	0.
560	560	587	Qm	0.	0.	0.
560	560	613	Qm	0.	0.	0.
560	560	612	Qm	0.	0.	0.
560	560	586	Qs	0.	0.	0.
560	560	587	Qs	0.	0.	0.
560	560	613	Qs	0.	0.	0.
560	560	612	Qs	0.	0.	0.
560	560	586	T+	-0.88526	-0.88526	-2.587E-16
560	560	587	T+	-0.88526	-0.88526	1.012E-15
560	560	613	T+	-0.88526	-0.88526	2.200E-16
560	560	612	T+	-0.88526	-0.88526	-1.131E-15
560	560	586	T-	0.88526	0.88526	2.587E-16
560	560	587	T-	0.88526	0.88526	-1.012E-15
560	560	613	T-	0.88526	0.88526	-2.200E-16
560	560	612	T-	0.88526	0.88526	1.131E-15
560	560	586	W	0.	0.	0.
560	560	587	W	0.	0.	0.
560	560	613	W	0.	0.	0.
560	560	612	W	0.	0.	0.
560	560	586	Qm-1	0.	0.	0.
560	560	587	Qm-1	0.	0.	0.
560	560	613	Qm-1	0.	0.	0.
560	560	612	Qm-1	0.	0.	0.
560	560	586	Qm-2	0.	0.	0.
560	560	587	Qm-2	0.	0.	0.
560	560	613	Qm-2	0.	0.	0.
560	560	612	Qm-2	0.	0.	0.

Table 27: Element Forces - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	F11	F22	F12
				KN/mm	KN/mm	KN/mm
561	561	587	DEAD	0.	0.	0.
561	561	588	DEAD	0.	0.	0.
561	561	614	DEAD	0.	0.	0.
561	561	613	DEAD	0.	0.	0.
561	561	587	G1	0.	0.	0.
561	561	588	G1	0.	0.	0.
561	561	614	G1	0.	0.	0.
561	561	613	G1	0.	0.	0.
561	561	587	G2	0.	0.	0.
561	561	588	G2	0.	0.	0.
561	561	614	G2	0.	0.	0.
561	561	613	G2	0.	0.	0.
561	561	587	Qm	0.	0.	0.
561	561	588	Qm	0.	0.	0.
561	561	614	Qm	0.	0.	0.
561	561	613	Qm	0.	0.	0.
561	561	587	Qs	0.	0.	0.
561	561	588	Qs	0.	0.	0.
561	561	614	Qs	0.	0.	0.
561	561	613	Qs	0.	0.	0.
561	561	587	T+	-0.88526	-0.88526	-9.826E-17
561	561	588	T+	-0.88526	-0.88526	-4.331E-16
561	561	614	T+	-0.88526	-0.88526	1.184E-16
561	561	613	T+	-0.88526	-0.88526	4.133E-16
561	561	587	T-	0.88526	0.88526	9.826E-17
561	561	588	T-	0.88526	0.88526	4.331E-16
561	561	614	T-	0.88526	0.88526	-1.184E-16
561	561	613	T-	0.88526	0.88526	-4.133E-16
561	561	587	W	0.	0.	0.
561	561	588	W	0.	0.	0.
561	561	614	W	0.	0.	0.
561	561	613	W	0.	0.	0.
561	561	587	Qm-1	0.	0.	0.
561	561	588	Qm-1	0.	0.	0.
561	561	614	Qm-1	0.	0.	0.
561	561	613	Qm-1	0.	0.	0.
561	561	587	Qm-2	0.	0.	0.
561	561	588	Qm-2	0.	0.	0.
561	561	614	Qm-2	0.	0.	0.
561	561	613	Qm-2	0.	0.	0.
562	562	588	DEAD	0.	0.	0.
562	562	589	DEAD	0.	0.	0.
562	562	615	DEAD	0.	0.	0.
562	562	614	DEAD	0.	0.	0.
562	562	588	G1	0.	0.	0.
562	562	589	G1	0.	0.	0.
562	562	615	G1	0.	0.	0.
562	562	614	G1	0.	0.	0.
562	562	588	G2	0.	0.	0.
562	562	589	G2	0.	0.	0.
562	562	615	G2	0.	0.	0.
562	562	614	G2	0.	0.	0.
562	562	588	Qm	0.	0.	0.
562	562	589	Qm	0.	0.	0.

Table 27: Element Forces - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	F11	F22	F12
				KN/mm	KN/mm	KN/mm
562	562	615	Qm	0.	0.	0.
562	562	614	Qm	0.	0.	0.
562	562	588	Qs	0.	0.	0.
562	562	589	Qs	0.	0.	0.
562	562	615	Qs	0.	0.	0.
562	562	614	Qs	0.	0.	0.
562	562	588	T+	-0.88526	-0.88526	-1.326E-16
562	562	589	T+	-0.88526	-0.88526	-6.119E-16
562	562	615	T+	-0.88526	-0.88526	-1.229E-18
562	562	614	T+	-0.88526	-0.88526	5.581E-16
562	562	588	T-	0.88526	0.88526	1.326E-16
562	562	589	T-	0.88526	0.88526	6.119E-16
562	562	615	T-	0.88526	0.88526	1.229E-18
562	562	614	T-	0.88526	0.88526	-5.581E-16
562	562	588	W	0.	0.	0.
562	562	589	W	0.	0.	0.
562	562	615	W	0.	0.	0.
562	562	614	W	0.	0.	0.
562	562	588	Qm-1	0.	0.	0.
562	562	589	Qm-1	0.	0.	0.
562	562	615	Qm-1	0.	0.	0.
562	562	614	Qm-1	0.	0.	0.
562	562	588	Qm-2	0.	0.	0.
562	562	589	Qm-2	0.	0.	0.
562	562	615	Qm-2	0.	0.	0.
562	562	614	Qm-2	0.	0.	0.
563	563	589	DEAD	0.	0.	0.
563	563	590	DEAD	0.	0.	0.
563	563	616	DEAD	0.	0.	0.
563	563	615	DEAD	0.	0.	0.
563	563	589	G1	0.	0.	0.
563	563	590	G1	0.	0.	0.
563	563	616	G1	0.	0.	0.
563	563	615	G1	0.	0.	0.
563	563	589	G2	0.	0.	0.
563	563	590	G2	0.	0.	0.
563	563	616	G2	0.	0.	0.
563	563	615	G2	0.	0.	0.
563	563	589	Qm	0.	0.	0.
563	563	590	Qm	0.	0.	0.
563	563	616	Qm	0.	0.	0.
563	563	615	Qm	0.	0.	0.
563	563	589	Qs	0.	0.	0.
563	563	590	Qs	0.	0.	0.
563	563	616	Qs	0.	0.	0.
563	563	615	Qs	0.	0.	0.
563	563	589	T+	-0.88526	-0.88526	-1.550E-16
563	563	590	T+	-0.88526	-0.88526	-1.774E-15
563	563	616	T+	-0.88526	-0.88526	2.261E-16
563	563	615	T+	-0.88526	-0.88526	1.845E-15
563	563	589	T-	0.88526	0.88526	1.550E-16
563	563	590	T-	0.88526	0.88526	1.774E-15
563	563	616	T-	0.88526	0.88526	-2.261E-16
563	563	615	T-	0.88526	0.88526	-1.845E-15

Table 27: Element Forces - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	F11	F22	F12
				KN/mm	KN/mm	KN/mm
563	563	589	W	0.	0.	0.
563	563	590	W	0.	0.	0.
563	563	616	W	0.	0.	0.
563	563	615	W	0.	0.	0.
563	563	589	Qm-1	0.	0.	0.
563	563	590	Qm-1	0.	0.	0.
563	563	616	Qm-1	0.	0.	0.
563	563	615	Qm-1	0.	0.	0.
563	563	589	Qm-2	0.	0.	0.
563	563	590	Qm-2	0.	0.	0.
563	563	616	Qm-2	0.	0.	0.
563	563	615	Qm-2	0.	0.	0.
564	564	590	DEAD	0.	0.	0.
564	564	591	DEAD	0.	0.	0.
564	564	617	DEAD	0.	0.	0.
564	564	616	DEAD	0.	0.	0.
564	564	590	G1	0.	0.	0.
564	564	591	G1	0.	0.	0.
564	564	617	G1	0.	0.	0.
564	564	616	G1	0.	0.	0.
564	564	590	G2	0.	0.	0.
564	564	591	G2	0.	0.	0.
564	564	617	G2	0.	0.	0.
564	564	616	G2	0.	0.	0.
564	564	590	Qm	0.	0.	0.
564	564	591	Qm	0.	0.	0.
564	564	617	Qm	0.	0.	0.
564	564	616	Qm	0.	0.	0.
564	564	590	Qs	0.	0.	0.
564	564	591	Qs	0.	0.	0.
564	564	617	Qs	0.	0.	0.
564	564	616	Qs	0.	0.	0.
564	564	590	T+	-0.88526	-0.88526	8.039E-17
564	564	591	T+	-0.88526	-0.88526	4.905E-16
564	564	617	T+	-0.88526	-0.88526	-9.829E-17
564	564	616	T+	-0.88526	-0.88526	-4.284E-16
564	564	590	T-	0.88526	0.88526	-8.039E-17
564	564	591	T-	0.88526	0.88526	-4.905E-16
564	564	617	T-	0.88526	0.88526	9.829E-17
564	564	616	T-	0.88526	0.88526	4.284E-16
564	564	590	W	0.	0.	0.
564	564	591	W	0.	0.	0.
564	564	617	W	0.	0.	0.
564	564	616	W	0.	0.	0.
564	564	590	Qm-1	0.	0.	0.
564	564	591	Qm-1	0.	0.	0.
564	564	617	Qm-1	0.	0.	0.
564	564	616	Qm-1	0.	0.	0.
564	564	590	Qm-2	0.	0.	0.
564	564	591	Qm-2	0.	0.	0.
564	564	617	Qm-2	0.	0.	0.
564	564	616	Qm-2	0.	0.	0.
565	565	591	DEAD	0.	0.	0.
565	565	592	DEAD	0.	0.	0.

Table 27: Element Forces - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	F11	F22	F12
				KN/mm	KN/mm	KN/mm
565	565	618	DEAD	0.	0.	0.
565	565	617	DEAD	0.	0.	0.
565	565	591	G1	0.	0.	0.
565	565	592	G1	0.	0.	0.
565	565	618	G1	0.	0.	0.
565	565	617	G1	0.	0.	0.
565	565	591	G2	0.	0.	0.
565	565	592	G2	0.	0.	0.
565	565	618	G2	0.	0.	0.
565	565	617	G2	0.	0.	0.
565	565	591	Qm	0.	0.	0.
565	565	592	Qm	0.	0.	0.
565	565	618	Qm	0.	0.	0.
565	565	617	Qm	0.	0.	0.
565	565	591	Qs	0.	0.	0.
565	565	592	Qs	0.	0.	0.
565	565	618	Qs	0.	0.	0.
565	565	617	Qs	0.	0.	0.
565	565	591	T+	-0.88526	-0.88526	-3.369E-16
565	565	592	T+	-0.88526	-0.88526	1.117E-15
565	565	618	T+	-0.88526	-0.88526	2.981E-16
565	565	617	T+	-0.88526	-0.88526	-1.236E-15
565	565	591	T-	0.88526	0.88526	3.369E-16
565	565	592	T-	0.88526	0.88526	-1.117E-15
565	565	618	T-	0.88526	0.88526	-2.981E-16
565	565	617	T-	0.88526	0.88526	1.236E-15
565	565	591	W	0.	0.	0.
565	565	592	W	0.	0.	0.
565	565	618	W	0.	0.	0.
565	565	617	W	0.	0.	0.
565	565	591	Qm-1	0.	0.	0.
565	565	592	Qm-1	0.	0.	0.
565	565	618	Qm-1	0.	0.	0.
565	565	617	Qm-1	0.	0.	0.
565	565	591	Qm-2	0.	0.	0.
565	565	592	Qm-2	0.	0.	0.
565	565	618	Qm-2	0.	0.	0.
565	565	617	Qm-2	0.	0.	0.
566	566	592	DEAD	0.	0.	0.
566	566	593	DEAD	0.	0.	0.
566	566	619	DEAD	0.	0.	0.
566	566	618	DEAD	0.	0.	0.
566	566	592	G1	0.	0.	0.
566	566	593	G1	0.	0.	0.
566	566	619	G1	0.	0.	0.
566	566	618	G1	0.	0.	0.
566	566	592	G2	0.	0.	0.
566	566	593	G2	0.	0.	0.
566	566	619	G2	0.	0.	0.
566	566	618	G2	0.	0.	0.
566	566	592	Qm	0.	0.	0.
566	566	593	Qm	0.	0.	0.
566	566	619	Qm	0.	0.	0.
566	566	618	Qm	0.	0.	0.

Table 27: Element Forces - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	F11	F22	F12
				KN/mm	KN/mm	KN/mm
566	566	592	Qs	0.	0.	0.
566	566	593	Qs	0.	0.	0.
566	566	619	Qs	0.	0.	0.
566	566	618	Qs	0.	0.	0.
566	566	592	T+	-0.88526	-0.88526	-7.212E-17
566	566	593	T+	-0.88526	-0.88526	-5.844E-16
566	566	619	T+	-0.88526	-0.88526	-1.190E-16
566	566	618	T+	-0.88526	-0.88526	2.733E-16
566	566	592	T-	0.88526	0.88526	7.212E-17
566	566	593	T-	0.88526	0.88526	5.844E-16
566	566	619	T-	0.88526	0.88526	1.190E-16
566	566	618	T-	0.88526	0.88526	-2.733E-16
566	566	592	W	0.	0.	0.
566	566	593	W	0.	0.	0.
566	566	619	W	0.	0.	0.
566	566	618	W	0.	0.	0.
566	566	592	Qm-1	0.	0.	0.
566	566	593	Qm-1	0.	0.	0.
566	566	619	Qm-1	0.	0.	0.
566	566	618	Qm-1	0.	0.	0.
566	566	592	Qm-2	0.	0.	0.
566	566	593	Qm-2	0.	0.	0.
566	566	619	Qm-2	0.	0.	0.
566	566	618	Qm-2	0.	0.	0.
567	567	593	DEAD	0.	0.	0.
567	567	594	DEAD	0.	0.	0.
567	567	620	DEAD	0.	0.	0.
567	567	619	DEAD	0.	0.	0.
567	567	593	G1	0.	0.	0.
567	567	594	G1	0.	0.	0.
567	567	620	G1	0.	0.	0.
567	567	619	G1	0.	0.	0.
567	567	593	G2	0.	0.	0.
567	567	594	G2	0.	0.	0.
567	567	620	G2	0.	0.	0.
567	567	619	G2	0.	0.	0.
567	567	593	Qm	0.	0.	0.
567	567	594	Qm	0.	0.	0.
567	567	620	Qm	0.	0.	0.
567	567	619	Qm	0.	0.	0.
567	567	593	Qs	0.	0.	0.
567	567	594	Qs	0.	0.	0.
567	567	620	Qs	0.	0.	0.
567	567	619	Qs	0.	0.	0.
567	567	593	T+	-0.88526	-0.88526	-3.788E-16
567	567	594	T+	-0.88526	-0.88526	3.178E-16
567	567	620	T+	-0.88526	-0.88526	1.309E-16
567	567	619	T+	-0.88526	-0.88526	-4.856E-16
567	567	593	T-	0.88526	0.88526	3.788E-16
567	567	594	T-	0.88526	0.88526	-3.178E-16
567	567	620	T-	0.88526	0.88526	-1.309E-16
567	567	619	T-	0.88526	0.88526	4.856E-16
567	567	593	W	0.	0.	0.
567	567	594	W	0.	0.	0.

Table 27: Element Forces - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	F11	F22	F12
				KN/mm	KN/mm	KN/mm
567	567	620	W	0.	0.	0.
567	567	619	W	0.	0.	0.
567	567	593	Qm-1	0.	0.	0.
567	567	594	Qm-1	0.	0.	0.
567	567	620	Qm-1	0.	0.	0.
567	567	619	Qm-1	0.	0.	0.
567	567	593	Qm-2	0.	0.	0.
567	567	594	Qm-2	0.	0.	0.
567	567	620	Qm-2	0.	0.	0.
567	567	619	Qm-2	0.	0.	0.
568	568	594	DEAD	0.	0.	0.
568	568	595	DEAD	0.	0.	0.
568	568	621	DEAD	0.	0.	0.
568	568	620	DEAD	0.	0.	0.
568	568	594	G1	0.	0.	0.
568	568	595	G1	0.	0.	0.
568	568	621	G1	0.	0.	0.
568	568	620	G1	0.	0.	0.
568	568	594	G2	0.	0.	0.
568	568	595	G2	0.	0.	0.
568	568	621	G2	0.	0.	0.
568	568	620	G2	0.	0.	0.
568	568	594	Qm	0.	0.	0.
568	568	595	Qm	0.	0.	0.
568	568	621	Qm	0.	0.	0.
568	568	620	Qm	0.	0.	0.
568	568	594	Qs	0.	0.	0.
568	568	595	Qs	0.	0.	0.
568	568	621	Qs	0.	0.	0.
568	568	620	Qs	0.	0.	0.
568	568	594	T+	-0.88526	-0.88526	1.526E-16
568	568	595	T+	-0.88526	-0.88526	3.218E-16
568	568	621	T+	-0.88526	-0.88526	-7.490E-17
568	568	620	T+	-0.88526	-0.88526	-2.441E-16
568	568	594	T-	0.88526	0.88526	-1.526E-16
568	568	595	T-	0.88526	0.88526	-3.218E-16
568	568	621	T-	0.88526	0.88526	7.490E-17
568	568	620	T-	0.88526	0.88526	2.441E-16
568	568	594	W	0.	0.	0.
568	568	595	W	0.	0.	0.
568	568	621	W	0.	0.	0.
568	568	620	W	0.	0.	0.
568	568	594	Qm-1	0.	0.	0.
568	568	595	Qm-1	0.	0.	0.
568	568	621	Qm-1	0.	0.	0.
568	568	620	Qm-1	0.	0.	0.
568	568	594	Qm-2	0.	0.	0.
568	568	595	Qm-2	0.	0.	0.
568	568	621	Qm-2	0.	0.	0.
568	568	620	Qm-2	0.	0.	0.
569	569	595	DEAD	0.	0.	0.
569	569	596	DEAD	0.	0.	0.
569	569	622	DEAD	0.	0.	0.
569	569	621	DEAD	0.	0.	0.

Table 27: Element Forces - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	F11	F22	F12
				KN/mm	KN/mm	KN/mm
569	569	595	G1	0.	0.	0.
569	569	596	G1	0.	0.	0.
569	569	622	G1	0.	0.	0.
569	569	621	G1	0.	0.	0.
569	569	595	G2	0.	0.	0.
569	569	596	G2	0.	0.	0.
569	569	622	G2	0.	0.	0.
569	569	621	G2	0.	0.	0.
569	569	595	Qm	0.	0.	0.
569	569	596	Qm	0.	0.	0.
569	569	622	Qm	0.	0.	0.
569	569	621	Qm	0.	0.	0.
569	569	595	Qs	0.	0.	0.
569	569	596	Qs	0.	0.	0.
569	569	622	Qs	0.	0.	0.
569	569	621	Qs	0.	0.	0.
569	569	595	T+	-0.88526	-0.88526	-4.263E-16
569	569	596	T+	-0.88526	-0.88526	1.383E-15
569	569	622	T+	-0.88526	-0.88526	3.148E-16
569	569	621	T+	-0.88526	-0.88526	-1.534E-15
569	569	595	T-	0.88526	0.88526	4.263E-16
569	569	596	T-	0.88526	0.88526	-1.383E-15
569	569	622	T-	0.88526	0.88526	-3.148E-16
569	569	621	T-	0.88526	0.88526	1.534E-15
569	569	595	W	0.	0.	0.
569	569	596	W	0.	0.	0.
569	569	622	W	0.	0.	0.
569	569	621	W	0.	0.	0.
569	569	595	Qm-1	0.	0.	0.
569	569	596	Qm-1	0.	0.	0.
569	569	622	Qm-1	0.	0.	0.
569	569	621	Qm-1	0.	0.	0.
569	569	595	Qm-2	0.	0.	0.
569	569	596	Qm-2	0.	0.	0.
569	569	622	Qm-2	0.	0.	0.
569	569	621	Qm-2	0.	0.	0.
570	570	596	DEAD	0.	0.	0.
570	570	597	DEAD	0.	0.	0.
570	570	623	DEAD	0.	0.	0.
570	570	622	DEAD	0.	0.	0.
570	570	596	G1	0.	0.	0.
570	570	597	G1	0.	0.	0.
570	570	623	G1	0.	0.	0.
570	570	622	G1	0.	0.	0.
570	570	596	G2	0.	0.	0.
570	570	597	G2	0.	0.	0.
570	570	623	G2	0.	0.	0.
570	570	622	G2	0.	0.	0.
570	570	596	Qm	0.	0.	0.
570	570	597	Qm	0.	0.	0.
570	570	623	Qm	0.	0.	0.
570	570	622	Qm	0.	0.	0.
570	570	596	Qs	0.	0.	0.
570	570	597	Qs	0.	0.	0.

Table 27: Element Forces - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	F11	F22	F12
				KN/mm	KN/mm	KN/mm
570	570	623	Qs	0.	0.	0.
570	570	622	Qs	0.	0.	0.
570	570	596	T+	-0.88526	-0.88526	1.662E-17
570	570	597	T+	-0.88526	-0.88526	3.690E-16
570	570	623	T+	-0.88526	-0.88526	-1.988E-16
570	570	622	T+	-0.88526	-0.88526	-4.312E-16
570	570	596	T-	0.88526	0.88526	-1.662E-17
570	570	597	T-	0.88526	0.88526	-3.690E-16
570	570	623	T-	0.88526	0.88526	1.988E-16
570	570	622	T-	0.88526	0.88526	4.312E-16
570	570	596	W	0.	0.	0.
570	570	597	W	0.	0.	0.
570	570	623	W	0.	0.	0.
570	570	622	W	0.	0.	0.
570	570	596	Qm-1	0.	0.	0.
570	570	597	Qm-1	0.	0.	0.
570	570	623	Qm-1	0.	0.	0.
570	570	622	Qm-1	0.	0.	0.
570	570	596	Qm-2	0.	0.	0.
570	570	597	Qm-2	0.	0.	0.
570	570	623	Qm-2	0.	0.	0.
570	570	622	Qm-2	0.	0.	0.
571	571	597	DEAD	0.	0.	0.
571	571	598	DEAD	0.	0.	0.
571	571	624	DEAD	0.	0.	0.
571	571	623	DEAD	0.	0.	0.
571	571	597	G1	0.	0.	0.
571	571	598	G1	0.	0.	0.
571	571	624	G1	0.	0.	0.
571	571	623	G1	0.	0.	0.
571	571	597	G2	0.	0.	0.
571	571	598	G2	0.	0.	0.
571	571	624	G2	0.	0.	0.
571	571	623	G2	0.	0.	0.
571	571	597	Qm	0.	0.	0.
571	571	598	Qm	0.	0.	0.
571	571	624	Qm	0.	0.	0.
571	571	623	Qm	0.	0.	0.
571	571	597	Qs	0.	0.	0.
571	571	598	Qs	0.	0.	0.
571	571	624	Qs	0.	0.	0.
571	571	623	Qs	0.	0.	0.
571	571	597	T+	-0.88526	-0.88526	-2.502E-16
571	571	598	T+	-0.88526	-0.88526	-1.274E-16
571	571	624	T+	-0.88526	-0.88526	1.659E-16
571	571	623	T+	-0.88526	-0.88526	-3.682E-17
571	571	597	T-	0.88526	0.88526	2.502E-16
571	571	598	T-	0.88526	0.88526	1.274E-16
571	571	624	T-	0.88526	0.88526	-1.659E-16
571	571	623	T-	0.88526	0.88526	3.682E-17
571	571	597	W	0.	0.	0.
571	571	598	W	0.	0.	0.
571	571	624	W	0.	0.	0.
571	571	623	W	0.	0.	0.

Table 27: Element Forces - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	F11	F22	F12
				KN/mm	KN/mm	KN/mm
571	571	597	Qm-1	0.	0.	0.
571	571	598	Qm-1	0.	0.	0.
571	571	624	Qm-1	0.	0.	0.
571	571	623	Qm-1	0.	0.	0.
571	571	597	Qm-2	0.	0.	0.
571	571	598	Qm-2	0.	0.	0.
571	571	624	Qm-2	0.	0.	0.
571	571	623	Qm-2	0.	0.	0.
572	572	598	DEAD	0.	0.	0.
572	572	599	DEAD	0.	0.	0.
572	572	625	DEAD	0.	0.	0.
572	572	624	DEAD	0.	0.	0.
572	572	598	G1	0.	0.	0.
572	572	599	G1	0.	0.	0.
572	572	625	G1	0.	0.	0.
572	572	624	G1	0.	0.	0.
572	572	598	G2	0.	0.	0.
572	572	599	G2	0.	0.	0.
572	572	625	G2	0.	0.	0.
572	572	624	G2	0.	0.	0.
572	572	598	Qm	0.	0.	0.
572	572	599	Qm	0.	0.	0.
572	572	625	Qm	0.	0.	0.
572	572	624	Qm	0.	0.	0.
572	572	598	Qs	0.	0.	0.
572	572	599	Qs	0.	0.	0.
572	572	625	Qs	0.	0.	0.
572	572	624	Qs	0.	0.	0.
572	572	598	T+	-0.88526	-0.88526	9.443E-17
572	572	599	T+	-0.88526	-0.88526	-1.593E-16
572	572	625	T+	-0.88526	-0.88526	-1.787E-16
572	572	624	T+	-0.88526	-0.88526	-4.896E-18
572	572	598	T-	0.88526	0.88526	-9.443E-17
572	572	599	T-	0.88526	0.88526	1.593E-16
572	572	625	T-	0.88526	0.88526	1.787E-16
572	572	624	T-	0.88526	0.88526	4.896E-18
572	572	598	W	0.	0.	0.
572	572	599	W	0.	0.	0.
572	572	625	W	0.	0.	0.
572	572	624	W	0.	0.	0.
572	572	598	Qm-1	0.	0.	0.
572	572	599	Qm-1	0.	0.	0.
572	572	625	Qm-1	0.	0.	0.
572	572	624	Qm-1	0.	0.	0.
572	572	598	Qm-2	0.	0.	0.
572	572	599	Qm-2	0.	0.	0.
572	572	625	Qm-2	0.	0.	0.
572	572	624	Qm-2	0.	0.	0.
573	573	599	DEAD	0.	0.	0.
573	573	600	DEAD	0.	0.	0.
573	573	626	DEAD	0.	0.	0.
573	573	625	DEAD	0.	0.	0.
573	573	599	G1	0.	0.	0.
573	573	600	G1	0.	0.	0.

Table 27: Element Forces - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	F11	F22	F12
				KN/mm	KN/mm	KN/mm
573	573	626	G1	0.	0.	0.
573	573	625	G1	0.	0.	0.
573	573	599	G2	0.	0.	0.
573	573	600	G2	0.	0.	0.
573	573	626	G2	0.	0.	0.
573	573	625	G2	0.	0.	0.
573	573	599	Qm	0.	0.	0.
573	573	600	Qm	0.	0.	0.
573	573	626	Qm	0.	0.	0.
573	573	625	Qm	0.	0.	0.
573	573	599	Qs	0.	0.	0.
573	573	600	Qs	0.	0.	0.
573	573	626	Qs	0.	0.	0.
573	573	625	Qs	0.	0.	0.
573	573	599	T+	-0.88526	-0.88526	-1.852E-16
573	573	600	T+	-0.88526	-0.88526	9.245E-16
573	573	626	T+	-0.88526	-0.88526	2.132E-16
573	573	625	T+	-0.88526	-0.88526	-8.964E-16
573	573	599	T-	0.88526	0.88526	1.852E-16
573	573	600	T-	0.88526	0.88526	-9.245E-16
573	573	626	T-	0.88526	0.88526	-2.132E-16
573	573	625	T-	0.88526	0.88526	8.964E-16
573	573	599	W	0.	0.	0.
573	573	600	W	0.	0.	0.
573	573	626	W	0.	0.	0.
573	573	625	W	0.	0.	0.
573	573	599	Qm-1	0.	0.	0.
573	573	600	Qm-1	0.	0.	0.
573	573	626	Qm-1	0.	0.	0.
573	573	625	Qm-1	0.	0.	0.
573	573	599	Qm-2	0.	0.	0.
573	573	600	Qm-2	0.	0.	0.
573	573	626	Qm-2	0.	0.	0.
573	573	625	Qm-2	0.	0.	0.
574	574	600	DEAD	0.	0.	0.
574	574	601	DEAD	0.	0.	0.
574	574	627	DEAD	0.	0.	0.
574	574	626	DEAD	0.	0.	0.
574	574	600	G1	0.	0.	0.
574	574	601	G1	0.	0.	0.
574	574	627	G1	0.	0.	0.
574	574	626	G1	0.	0.	0.
574	574	600	G2	0.	0.	0.
574	574	601	G2	0.	0.	0.
574	574	627	G2	0.	0.	0.
574	574	626	G2	0.	0.	0.
574	574	600	Qm	0.	0.	0.
574	574	601	Qm	0.	0.	0.
574	574	627	Qm	0.	0.	0.
574	574	626	Qm	0.	0.	0.
574	574	600	Qs	0.	0.	0.
574	574	601	Qs	0.	0.	0.
574	574	627	Qs	0.	0.	0.
574	574	626	Qs	0.	0.	0.

Table 27: Element Forces - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	F11	F22	F12
				KN/mm	KN/mm	KN/mm
574	574	600	T+	-0.88526	-0.88526	-8.638E-17
574	574	601	T+	-0.88526	-0.88526	-8.027E-16
574	574	627	T+	-0.88526	-0.88526	1.663E-16
574	574	626	T+	-0.88526	-0.88526	8.825E-16
574	574	600	T-	0.88526	0.88526	8.638E-17
574	574	601	T-	0.88526	0.88526	8.027E-16
574	574	627	T-	0.88526	0.88526	-1.663E-16
574	574	626	T-	0.88526	0.88526	-8.825E-16
574	574	600	W	0.	0.	0.
574	574	601	W	0.	0.	0.
574	574	627	W	0.	0.	0.
574	574	626	W	0.	0.	0.
574	574	600	Qm-1	0.	0.	0.
574	574	601	Qm-1	0.	0.	0.
574	574	627	Qm-1	0.	0.	0.
574	574	626	Qm-1	0.	0.	0.
574	574	600	Qm-2	0.	0.	0.
574	574	601	Qm-2	0.	0.	0.
574	574	627	Qm-2	0.	0.	0.
574	574	626	Qm-2	0.	0.	0.
575	575	601	DEAD	0.	0.	0.
575	575	602	DEAD	0.	0.	0.
575	575	628	DEAD	0.	0.	0.
575	575	627	DEAD	0.	0.	0.
575	575	601	G1	0.	0.	0.
575	575	602	G1	0.	0.	0.
575	575	628	G1	0.	0.	0.
575	575	627	G1	0.	0.	0.
575	575	601	G2	0.	0.	0.
575	575	602	G2	0.	0.	0.
575	575	628	G2	0.	0.	0.
575	575	627	G2	0.	0.	0.
575	575	601	Qm	0.	0.	0.
575	575	602	Qm	0.	0.	0.
575	575	628	Qm	0.	0.	0.
575	575	627	Qm	0.	0.	0.
575	575	601	Qs	0.	0.	0.
575	575	602	Qs	0.	0.	0.
575	575	628	Qs	0.	0.	0.
575	575	627	Qs	0.	0.	0.
575	575	601	T+	-0.88526	-0.88526	-1.520E-16
575	575	602	T+	-0.88526	-0.88526	6.527E-16
575	575	628	T+	-0.88526	-0.88526	2.409E-16
575	575	627	T+	-0.88526	-0.88526	-5.638E-16
575	575	601	T-	0.88526	0.88526	1.520E-16
575	575	602	T-	0.88526	0.88526	-6.527E-16
575	575	628	T-	0.88526	0.88526	-2.409E-16
575	575	627	T-	0.88526	0.88526	5.638E-16
575	575	601	W	0.	0.	0.
575	575	602	W	0.	0.	0.
575	575	628	W	0.	0.	0.
575	575	627	W	0.	0.	0.
575	575	601	Qm-1	0.	0.	0.
575	575	602	Qm-1	0.	0.	0.

Table 27: Element Forces - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	F11	F22	F12
				KN/mm	KN/mm	KN/mm
575	575	628	Qm-1	0.	0.	0.
575	575	627	Qm-1	0.	0.	0.
575	575	601	Qm-2	0.	0.	0.
575	575	602	Qm-2	0.	0.	0.
575	575	628	Qm-2	0.	0.	0.
575	575	627	Qm-2	0.	0.	0.
576	576	602	DEAD	0.	0.	0.
576	576	603	DEAD	0.	0.	0.
576	576	629	DEAD	0.	0.	0.
576	576	628	DEAD	0.	0.	0.
576	576	602	G1	0.	0.	0.
576	576	603	G1	0.	0.	0.
576	576	629	G1	0.	0.	0.
576	576	628	G1	0.	0.	0.
576	576	602	G2	0.	0.	0.
576	576	603	G2	0.	0.	0.
576	576	629	G2	0.	0.	0.
576	576	628	G2	0.	0.	0.
576	576	602	Qm	0.	0.	0.
576	576	603	Qm	0.	0.	0.
576	576	629	Qm	0.	0.	0.
576	576	628	Qm	0.	0.	0.
576	576	602	Qs	0.	0.	0.
576	576	603	Qs	0.	0.	0.
576	576	629	Qs	0.	0.	0.
576	576	628	Qs	0.	0.	0.
576	576	602	T+	-0.88526	-0.88526	1.359E-16
576	576	603	T+	-0.88526	-0.88526	-7.304E-16
576	576	629	T+	-0.88526	-0.88526	7.270E-18
576	576	628	T+	-0.88526	-0.88526	8.735E-16
576	576	602	T-	0.88526	0.88526	-1.359E-16
576	576	603	T-	0.88526	0.88526	7.304E-16
576	576	629	T-	0.88526	0.88526	-7.270E-18
576	576	628	T-	0.88526	0.88526	-8.735E-16
576	576	602	W	0.	0.	0.
576	576	603	W	0.	0.	0.
576	576	629	W	0.	0.	0.
576	576	628	W	0.	0.	0.
576	576	602	Qm-1	0.	0.	0.
576	576	603	Qm-1	0.	0.	0.
576	576	629	Qm-1	0.	0.	0.
576	576	628	Qm-1	0.	0.	0.
576	576	602	Qm-2	0.	0.	0.
576	576	603	Qm-2	0.	0.	0.
576	576	629	Qm-2	0.	0.	0.
576	576	628	Qm-2	0.	0.	0.
577	577	603	DEAD	0.	0.	0.
577	577	604	DEAD	0.	0.	0.
577	577	630	DEAD	0.	0.	0.
577	577	629	DEAD	0.	0.	0.
577	577	603	G1	0.	0.	0.
577	577	604	G1	0.	0.	0.
577	577	630	G1	0.	0.	0.
577	577	629	G1	0.	0.	0.

Table 27: Element Forces - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	F11	F22	F12
				KN/mm	KN/mm	KN/mm
577	577	603	G2	0.	0.	0.
577	577	604	G2	0.	0.	0.
577	577	630	G2	0.	0.	0.
577	577	629	G2	0.	0.	0.
577	577	603	Qm	0.	0.	0.
577	577	604	Qm	0.	0.	0.
577	577	630	Qm	0.	0.	0.
577	577	629	Qm	0.	0.	0.
577	577	603	Qs	0.	0.	0.
577	577	604	Qs	0.	0.	0.
577	577	630	Qs	0.	0.	0.
577	577	629	Qs	0.	0.	0.
577	577	603	T+	-0.88526	-0.88526	-1.333E-16
577	577	604	T+	-0.88526	-0.88526	-1.707E-16
577	577	630	T+	-0.88526	-0.88526	1.971E-16
577	577	629	T+	-0.88526	-0.88526	2.345E-16
577	577	603	T-	0.88526	0.88526	1.333E-16
577	577	604	T-	0.88526	0.88526	1.707E-16
577	577	630	T-	0.88526	0.88526	-1.971E-16
577	577	629	T-	0.88526	0.88526	-2.345E-16
577	577	603	W	0.	0.	0.
577	577	604	W	0.	0.	0.
577	577	630	W	0.	0.	0.
577	577	629	W	0.	0.	0.
577	577	603	Qm-1	0.	0.	0.
577	577	604	Qm-1	0.	0.	0.
577	577	630	Qm-1	0.	0.	0.
577	577	629	Qm-1	0.	0.	0.
577	577	603	Qm-2	0.	0.	0.
577	577	604	Qm-2	0.	0.	0.
577	577	630	Qm-2	0.	0.	0.
577	577	629	Qm-2	0.	0.	0.
578	578	605	DEAD	0.	0.	0.
578	578	606	DEAD	0.	0.	0.
578	578	632	DEAD	0.	0.	0.
578	578	631	DEAD	0.	0.	0.
578	578	605	G1	0.	0.	0.
578	578	606	G1	0.	0.	0.
578	578	632	G1	0.	0.	0.
578	578	631	G1	0.	0.	0.
578	578	605	G2	0.	0.	0.
578	578	606	G2	0.	0.	0.
578	578	632	G2	0.	0.	0.
578	578	631	G2	0.	0.	0.
578	578	605	Qm	0.	0.	0.
578	578	606	Qm	0.	0.	0.
578	578	632	Qm	0.	0.	0.
578	578	631	Qm	0.	0.	0.
578	578	605	Qs	0.	0.	0.
578	578	606	Qs	0.	0.	0.
578	578	632	Qs	0.	0.	0.
578	578	631	Qs	0.	0.	0.
578	578	605	T+	-0.88526	-0.88526	1.814E-17
578	578	606	T+	-0.88526	-0.88526	-9.969E-17

Table 27: Element Forces - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	F11	F22	F12
				KN/mm	KN/mm	KN/mm
578	578	632	T+	-0.88526	-0.88526	4.498E-17
578	578	631	T+	-0.88526	-0.88526	2.828E-16
578	578	605	T-	0.88526	0.88526	-1.814E-17
578	578	606	T-	0.88526	0.88526	9.969E-17
578	578	632	T-	0.88526	0.88526	-4.498E-17
578	578	631	T-	0.88526	0.88526	-2.828E-16
578	578	605	W	0.	0.	0.
578	578	606	W	0.	0.	0.
578	578	632	W	0.	0.	0.
578	578	631	W	0.	0.	0.
578	578	605	Qm-1	0.	0.	0.
578	578	606	Qm-1	0.	0.	0.
578	578	632	Qm-1	0.	0.	0.
578	578	631	Qm-1	0.	0.	0.
578	578	605	Qm-2	0.	0.	0.
578	578	606	Qm-2	0.	0.	0.
578	578	632	Qm-2	0.	0.	0.
578	578	631	Qm-2	0.	0.	0.
579	579	606	DEAD	0.	0.	0.
579	579	607	DEAD	0.	0.	0.
579	579	633	DEAD	0.	0.	0.
579	579	632	DEAD	0.	0.	0.
579	579	606	G1	0.	0.	0.
579	579	607	G1	0.	0.	0.
579	579	633	G1	0.	0.	0.
579	579	632	G1	0.	0.	0.
579	579	606	G2	0.	0.	0.
579	579	607	G2	0.	0.	0.
579	579	633	G2	0.	0.	0.
579	579	632	G2	0.	0.	0.
579	579	606	Qm	0.	0.	0.
579	579	607	Qm	0.	0.	0.
579	579	633	Qm	0.	0.	0.
579	579	632	Qm	0.	0.	0.
579	579	606	Qs	0.	0.	0.
579	579	607	Qs	0.	0.	0.
579	579	633	Qs	0.	0.	0.
579	579	632	Qs	0.	0.	0.
579	579	606	T+	-0.88526	-0.88526	-6.358E-17
579	579	607	T+	-0.88526	-0.88526	-9.907E-17
579	579	633	T+	-0.88526	-0.88526	1.267E-16
579	579	632	T+	-0.88526	-0.88526	2.822E-16
579	579	606	T-	0.88526	0.88526	6.358E-17
579	579	607	T-	0.88526	0.88526	9.907E-17
579	579	633	T-	0.88526	0.88526	-1.267E-16
579	579	632	T-	0.88526	0.88526	-2.822E-16
579	579	606	W	0.	0.	0.
579	579	607	W	0.	0.	0.
579	579	633	W	0.	0.	0.
579	579	632	W	0.	0.	0.
579	579	606	Qm-1	0.	0.	0.
579	579	607	Qm-1	0.	0.	0.
579	579	633	Qm-1	0.	0.	0.
579	579	632	Qm-1	0.	0.	0.

Table 27: Element Forces - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	F11	F22	F12
				KN/mm	KN/mm	KN/mm
579	579	606	Qm-2	0.	0.	0.
579	579	607	Qm-2	0.	0.	0.
579	579	633	Qm-2	0.	0.	0.
579	579	632	Qm-2	0.	0.	0.
580	580	607	DEAD	0.	0.	0.
580	580	608	DEAD	0.	0.	0.
580	580	634	DEAD	0.	0.	0.
580	580	633	DEAD	0.	0.	0.
580	580	607	G1	0.	0.	0.
580	580	608	G1	0.	0.	0.
580	580	634	G1	0.	0.	0.
580	580	633	G1	0.	0.	0.
580	580	607	G2	0.	0.	0.
580	580	608	G2	0.	0.	0.
580	580	634	G2	0.	0.	0.
580	580	633	G2	0.	0.	0.
580	580	607	Qm	0.	0.	0.
580	580	608	Qm	0.	0.	0.
580	580	634	Qm	0.	0.	0.
580	580	633	Qm	0.	0.	0.
580	580	607	Qs	0.	0.	0.
580	580	608	Qs	0.	0.	0.
580	580	634	Qs	0.	0.	0.
580	580	633	Qs	0.	0.	0.
580	580	607	T+	-0.88526	-0.88526	5.770E-17
580	580	608	T+	-0.88526	-0.88526	-8.802E-17
580	580	634	T+	-0.88526	-0.88526	5.418E-18
580	580	633	T+	-0.88526	-0.88526	2.711E-16
580	580	607	T-	0.88526	0.88526	-5.770E-17
580	580	608	T-	0.88526	0.88526	8.802E-17
580	580	634	T-	0.88526	0.88526	-5.418E-18
580	580	633	T-	0.88526	0.88526	-2.711E-16
580	580	607	W	0.	0.	0.
580	580	608	W	0.	0.	0.
580	580	634	W	0.	0.	0.
580	580	633	W	0.	0.	0.
580	580	607	Qm-1	0.	0.	0.
580	580	608	Qm-1	0.	0.	0.
580	580	634	Qm-1	0.	0.	0.
580	580	633	Qm-1	0.	0.	0.
580	580	607	Qm-2	0.	0.	0.
580	580	608	Qm-2	0.	0.	0.
580	580	634	Qm-2	0.	0.	0.
580	580	633	Qm-2	0.	0.	0.
581	581	608	DEAD	0.	0.	0.
581	581	609	DEAD	0.	0.	0.
581	581	635	DEAD	0.	0.	0.
581	581	634	DEAD	0.	0.	0.
581	581	608	G1	0.	0.	0.
581	581	609	G1	0.	0.	0.
581	581	635	G1	0.	0.	0.
581	581	634	G1	0.	0.	0.
581	581	608	G2	0.	0.	0.
581	581	609	G2	0.	0.	0.

Table 27: Element Forces - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	F11	F22	F12
				KN/mm	KN/mm	KN/mm
581	581	635	G2	0.	0.	0.
581	581	634	G2	0.	0.	0.
581	581	608	Qm	0.	0.	0.
581	581	609	Qm	0.	0.	0.
581	581	635	Qm	0.	0.	0.
581	581	634	Qm	0.	0.	0.
581	581	608	Qs	0.	0.	0.
581	581	609	Qs	0.	0.	0.
581	581	635	Qs	0.	0.	0.
581	581	634	Qs	0.	0.	0.
581	581	608	T+	-0.88526	-0.88526	-1.884E-16
581	581	609	T+	-0.88526	-0.88526	-7.679E-16
581	581	635	T+	-0.88526	-0.88526	2.713E-16
581	581	634	T+	-0.88526	-0.88526	8.108E-16
581	581	608	T-	0.88526	0.88526	1.884E-16
581	581	609	T-	0.88526	0.88526	7.679E-16
581	581	635	T-	0.88526	0.88526	-2.713E-16
581	581	634	T-	0.88526	0.88526	-8.108E-16
581	581	608	W	0.	0.	0.
581	581	609	W	0.	0.	0.
581	581	635	W	0.	0.	0.
581	581	634	W	0.	0.	0.
581	581	608	Qm-1	0.	0.	0.
581	581	609	Qm-1	0.	0.	0.
581	581	635	Qm-1	0.	0.	0.
581	581	634	Qm-1	0.	0.	0.
581	581	608	Qm-2	0.	0.	0.
581	581	609	Qm-2	0.	0.	0.
581	581	635	Qm-2	0.	0.	0.
581	581	634	Qm-2	0.	0.	0.
582	582	609	DEAD	0.	0.	0.
582	582	610	DEAD	0.	0.	0.
582	582	636	DEAD	0.	0.	0.
582	582	635	DEAD	0.	0.	0.
582	582	609	G1	0.	0.	0.
582	582	610	G1	0.	0.	0.
582	582	636	G1	0.	0.	0.
582	582	635	G1	0.	0.	0.
582	582	609	G2	0.	0.	0.
582	582	610	G2	0.	0.	0.
582	582	636	G2	0.	0.	0.
582	582	635	G2	0.	0.	0.
582	582	609	Qm	0.	0.	0.
582	582	610	Qm	0.	0.	0.
582	582	636	Qm	0.	0.	0.
582	582	635	Qm	0.	0.	0.
582	582	609	Qs	0.	0.	0.
582	582	610	Qs	0.	0.	0.
582	582	636	Qs	0.	0.	0.
582	582	635	Qs	0.	0.	0.
582	582	609	T+	-0.88526	-0.88526	3.896E-16
582	582	610	T+	-0.88526	-0.88526	-1.065E-15
582	582	636	T+	-0.88526	-0.88526	-7.574E-17
582	582	635	T+	-0.88526	-0.88526	1.299E-15

Table 27: Element Forces - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	F11	F22	F12
				KN/mm	KN/mm	KN/mm
582	582	609	T-	0.88526	0.88526	-3.896E-16
582	582	610	T-	0.88526	0.88526	1.065E-15
582	582	636	T-	0.88526	0.88526	7.574E-17
582	582	635	T-	0.88526	0.88526	-1.299E-15
582	582	609	W	0.	0.	0.
582	582	610	W	0.	0.	0.
582	582	636	W	0.	0.	0.
582	582	635	W	0.	0.	0.
582	582	609	Qm-1	0.	0.	0.
582	582	610	Qm-1	0.	0.	0.
582	582	636	Qm-1	0.	0.	0.
582	582	635	Qm-1	0.	0.	0.
582	582	609	Qm-2	0.	0.	0.
582	582	610	Qm-2	0.	0.	0.
582	582	636	Qm-2	0.	0.	0.
582	582	635	Qm-2	0.	0.	0.
583	583	610	DEAD	0.	0.	0.
583	583	611	DEAD	0.	0.	0.
583	583	637	DEAD	0.	0.	0.
583	583	636	DEAD	0.	0.	0.
583	583	610	G1	0.	0.	0.
583	583	611	G1	0.	0.	0.
583	583	637	G1	0.	0.	0.
583	583	636	G1	0.	0.	0.
583	583	610	G2	0.	0.	0.
583	583	611	G2	0.	0.	0.
583	583	637	G2	0.	0.	0.
583	583	636	G2	0.	0.	0.
583	583	610	Qm	0.	0.	0.
583	583	611	Qm	0.	0.	0.
583	583	637	Qm	0.	0.	0.
583	583	636	Qm	0.	0.	0.
583	583	610	Qs	0.	0.	0.
583	583	611	Qs	0.	0.	0.
583	583	637	Qs	0.	0.	0.
583	583	636	Qs	0.	0.	0.
583	583	610	T+	-0.88526	-0.88526	1.661E-16
583	583	611	T+	-0.88526	-0.88526	-6.861E-16
583	583	637	T+	-0.88526	-0.88526	-1.242E-16
583	583	636	T+	-0.88526	-0.88526	8.480E-16
583	583	610	T-	0.88526	0.88526	-1.661E-16
583	583	611	T-	0.88526	0.88526	6.861E-16
583	583	637	T-	0.88526	0.88526	1.242E-16
583	583	636	T-	0.88526	0.88526	-8.480E-16
583	583	610	W	0.	0.	0.
583	583	611	W	0.	0.	0.
583	583	637	W	0.	0.	0.
583	583	636	W	0.	0.	0.
583	583	610	Qm-1	0.	0.	0.
583	583	611	Qm-1	0.	0.	0.
583	583	637	Qm-1	0.	0.	0.
583	583	636	Qm-1	0.	0.	0.
583	583	610	Qm-2	0.	0.	0.
583	583	611	Qm-2	0.	0.	0.

Table 27: Element Forces - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	F11	F22	F12
				KN/mm	KN/mm	KN/mm
583	583	637	Qm-2	0.	0.	0.
583	583	636	Qm-2	0.	0.	0.
584	584	611	DEAD	0.	0.	0.
584	584	612	DEAD	0.	0.	0.
584	584	638	DEAD	0.	0.	0.
584	584	637	DEAD	0.	0.	0.
584	584	611	G1	0.	0.	0.
584	584	612	G1	0.	0.	0.
584	584	638	G1	0.	0.	0.
584	584	637	G1	0.	0.	0.
584	584	611	G2	0.	0.	0.
584	584	612	G2	0.	0.	0.
584	584	638	G2	0.	0.	0.
584	584	637	G2	0.	0.	0.
584	584	611	Qm	0.	0.	0.
584	584	612	Qm	0.	0.	0.
584	584	638	Qm	0.	0.	0.
584	584	637	Qm	0.	0.	0.
584	584	611	Qs	0.	0.	0.
584	584	612	Qs	0.	0.	0.
584	584	638	Qs	0.	0.	0.
584	584	637	Qs	0.	0.	0.
584	584	611	T+	-0.88526	-0.88526	-5.872E-17
584	584	612	T+	-0.88526	-0.88526	-1.397E-15
584	584	638	T+	-0.88526	-0.88526	1.638E-16
584	584	637	T+	-0.88526	-0.88526	1.542E-15
584	584	611	T-	0.88526	0.88526	5.872E-17
584	584	612	T-	0.88526	0.88526	1.397E-15
584	584	638	T-	0.88526	0.88526	-1.638E-16
584	584	637	T-	0.88526	0.88526	-1.542E-15
584	584	611	W	0.	0.	0.
584	584	612	W	0.	0.	0.
584	584	638	W	0.	0.	0.
584	584	637	W	0.	0.	0.
584	584	611	Qm-1	0.	0.	0.
584	584	612	Qm-1	0.	0.	0.
584	584	638	Qm-1	0.	0.	0.
584	584	637	Qm-1	0.	0.	0.
584	584	611	Qm-2	0.	0.	0.
584	584	612	Qm-2	0.	0.	0.
584	584	638	Qm-2	0.	0.	0.
584	584	637	Qm-2	0.	0.	0.
585	585	612	DEAD	0.	0.	0.
585	585	613	DEAD	0.	0.	0.
585	585	639	DEAD	0.	0.	0.
585	585	638	DEAD	0.	0.	0.
585	585	612	G1	0.	0.	0.
585	585	613	G1	0.	0.	0.
585	585	639	G1	0.	0.	0.
585	585	638	G1	0.	0.	0.
585	585	612	G2	0.	0.	0.
585	585	613	G2	0.	0.	0.
585	585	639	G2	0.	0.	0.
585	585	638	G2	0.	0.	0.

Table 27: Element Forces - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	F11	F22	F12
				KN/mm	KN/mm	KN/mm
585	585	612	Qm	0.	0.	0.
585	585	613	Qm	0.	0.	0.
585	585	639	Qm	0.	0.	0.
585	585	638	Qm	0.	0.	0.
585	585	612	Qs	0.	0.	0.
585	585	613	Qs	0.	0.	0.
585	585	639	Qs	0.	0.	0.
585	585	638	Qs	0.	0.	0.
585	585	612	T+	-0.88526	-0.88526	5.214E-17
585	585	613	T+	-0.88526	-0.88526	4.318E-17
585	585	639	T+	-0.88526	-0.88526	8.389E-18
585	585	638	T+	-0.88526	-0.88526	-1.026E-16
585	585	612	T-	0.88526	0.88526	-5.214E-17
585	585	613	T-	0.88526	0.88526	-4.318E-17
585	585	639	T-	0.88526	0.88526	-8.389E-18
585	585	638	T-	0.88526	0.88526	1.026E-16
585	585	612	W	0.	0.	0.
585	585	613	W	0.	0.	0.
585	585	639	W	0.	0.	0.
585	585	638	W	0.	0.	0.
585	585	612	Qm-1	0.	0.	0.
585	585	613	Qm-1	0.	0.	0.
585	585	639	Qm-1	0.	0.	0.
585	585	638	Qm-1	0.	0.	0.
585	585	612	Qm-2	0.	0.	0.
585	585	613	Qm-2	0.	0.	0.
585	585	639	Qm-2	0.	0.	0.
585	585	638	Qm-2	0.	0.	0.
586	586	613	DEAD	0.	0.	0.
586	586	614	DEAD	0.	0.	0.
586	586	640	DEAD	0.	0.	0.
586	586	639	DEAD	0.	0.	0.
586	586	613	G1	0.	0.	0.
586	586	614	G1	0.	0.	0.
586	586	640	G1	0.	0.	0.
586	586	639	G1	0.	0.	0.
586	586	613	G2	0.	0.	0.
586	586	614	G2	0.	0.	0.
586	586	640	G2	0.	0.	0.
586	586	639	G2	0.	0.	0.
586	586	613	Qm	0.	0.	0.
586	586	614	Qm	0.	0.	0.
586	586	640	Qm	0.	0.	0.
586	586	639	Qm	0.	0.	0.
586	586	613	Qs	0.	0.	0.
586	586	614	Qs	0.	0.	0.
586	586	640	Qs	0.	0.	0.
586	586	639	Qs	0.	0.	0.
586	586	613	T+	-0.88526	-0.88526	2.131E-16
586	586	614	T+	-0.88526	-0.88526	-2.308E-16
586	586	640	T+	-0.88526	-0.88526	7.328E-17
586	586	639	T+	-0.88526	-0.88526	3.572E-16
586	586	613	T-	0.88526	0.88526	-2.131E-16
586	586	614	T-	0.88526	0.88526	2.308E-16

Table 27: Element Forces - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	F11	F22	F12
				KN/mm	KN/mm	KN/mm
586	586	640	T-	0.88526	0.88526	-7.328E-17
586	586	639	T-	0.88526	0.88526	-3.572E-16
586	586	613	W	0.	0.	0.
586	586	614	W	0.	0.	0.
586	586	640	W	0.	0.	0.
586	586	639	W	0.	0.	0.
586	586	613	Qm-1	0.	0.	0.
586	586	614	Qm-1	0.	0.	0.
586	586	640	Qm-1	0.	0.	0.
586	586	639	Qm-1	0.	0.	0.
586	586	613	Qm-2	0.	0.	0.
586	586	614	Qm-2	0.	0.	0.
586	586	640	Qm-2	0.	0.	0.
586	586	639	Qm-2	0.	0.	0.
587	587	614	DEAD	0.	0.	0.
587	587	615	DEAD	0.	0.	0.
587	587	641	DEAD	0.	0.	0.
587	587	640	DEAD	0.	0.	0.
587	587	614	G1	0.	0.	0.
587	587	615	G1	0.	0.	0.
587	587	641	G1	0.	0.	0.
587	587	640	G1	0.	0.	0.
587	587	614	G2	0.	0.	0.
587	587	615	G2	0.	0.	0.
587	587	641	G2	0.	0.	0.
587	587	640	G2	0.	0.	0.
587	587	614	Qm	0.	0.	0.
587	587	615	Qm	0.	0.	0.
587	587	641	Qm	0.	0.	0.
587	587	640	Qm	0.	0.	0.
587	587	614	Qs	0.	0.	0.
587	587	615	Qs	0.	0.	0.
587	587	641	Qs	0.	0.	0.
587	587	640	Qs	0.	0.	0.
587	587	614	T+	-0.88526	-0.88526	-4.169E-16
587	587	615	T+	-0.88526	-0.88526	-1.224E-15
587	587	641	T+	-0.88526	-0.88526	2.295E-16
587	587	640	T+	-0.88526	-0.88526	1.116E-15
587	587	614	T-	0.88526	0.88526	4.169E-16
587	587	615	T-	0.88526	0.88526	1.224E-15
587	587	641	T-	0.88526	0.88526	-2.295E-16
587	587	640	T-	0.88526	0.88526	-1.116E-15
587	587	614	W	0.	0.	0.
587	587	615	W	0.	0.	0.
587	587	641	W	0.	0.	0.
587	587	640	W	0.	0.	0.
587	587	614	Qm-1	0.	0.	0.
587	587	615	Qm-1	0.	0.	0.
587	587	641	Qm-1	0.	0.	0.
587	587	640	Qm-1	0.	0.	0.
587	587	614	Qm-2	0.	0.	0.
587	587	615	Qm-2	0.	0.	0.
587	587	641	Qm-2	0.	0.	0.
587	587	640	Qm-2	0.	0.	0.

Table 27: Element Forces - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	F11	F22	F12
				KN/mm	KN/mm	KN/mm
588	588	615	DEAD	0.	0.	0.
588	588	616	DEAD	0.	0.	0.
588	588	642	DEAD	0.	0.	0.
588	588	641	DEAD	0.	0.	0.
588	588	615	G1	0.	0.	0.
588	588	616	G1	0.	0.	0.
588	588	642	G1	0.	0.	0.
588	588	641	G1	0.	0.	0.
588	588	615	G2	0.	0.	0.
588	588	616	G2	0.	0.	0.
588	588	642	G2	0.	0.	0.
588	588	641	G2	0.	0.	0.
588	588	615	Qm	0.	0.	0.
588	588	616	Qm	0.	0.	0.
588	588	642	Qm	0.	0.	0.
588	588	641	Qm	0.	0.	0.
588	588	615	Qs	0.	0.	0.
588	588	616	Qs	0.	0.	0.
588	588	642	Qs	0.	0.	0.
588	588	641	Qs	0.	0.	0.
588	588	615	T+	-0.88526	-0.88526	1.243E-16
588	588	616	T+	-0.88526	-0.88526	-7.839E-16
588	588	642	T+	-0.88526	-0.88526	-2.162E-17
588	588	641	T+	-0.88526	-0.88526	8.066E-16
588	588	615	T-	0.88526	0.88526	-1.243E-16
588	588	616	T-	0.88526	0.88526	7.839E-16
588	588	642	T-	0.88526	0.88526	2.162E-17
588	588	641	T-	0.88526	0.88526	-8.066E-16
588	588	615	W	0.	0.	0.
588	588	616	W	0.	0.	0.
588	588	642	W	0.	0.	0.
588	588	641	W	0.	0.	0.
588	588	615	Qm-1	0.	0.	0.
588	588	616	Qm-1	0.	0.	0.
588	588	642	Qm-1	0.	0.	0.
588	588	641	Qm-1	0.	0.	0.
588	588	615	Qm-2	0.	0.	0.
588	588	616	Qm-2	0.	0.	0.
588	588	642	Qm-2	0.	0.	0.
588	588	641	Qm-2	0.	0.	0.
589	589	616	DEAD	0.	0.	0.
589	589	617	DEAD	0.	0.	0.
589	589	643	DEAD	0.	0.	0.
589	589	642	DEAD	0.	0.	0.
589	589	616	G1	0.	0.	0.
589	589	617	G1	0.	0.	0.
589	589	643	G1	0.	0.	0.
589	589	642	G1	0.	0.	0.
589	589	616	G2	0.	0.	0.
589	589	617	G2	0.	0.	0.
589	589	643	G2	0.	0.	0.
589	589	642	G2	0.	0.	0.
589	589	616	Qm	0.	0.	0.
589	589	617	Qm	0.	0.	0.

Table 27: Element Forces - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	F11	F22	F12
				KN/mm	KN/mm	KN/mm
589	589	643	Qm	0.	0.	0.
589	589	642	Qm	0.	0.	0.
589	589	616	Qs	0.	0.	0.
589	589	617	Qs	0.	0.	0.
589	589	643	Qs	0.	0.	0.
589	589	642	Qs	0.	0.	0.
589	589	616	T+	-0.88526	-0.88526	-1.338E-16
589	589	617	T+	-0.88526	-0.88526	-1.233E-15
589	589	643	T+	-0.88526	-0.88526	2.389E-16
589	589	642	T+	-0.88526	-0.88526	1.378E-15
589	589	616	T-	0.88526	0.88526	1.338E-16
589	589	617	T-	0.88526	0.88526	1.233E-15
589	589	643	T-	0.88526	0.88526	-2.389E-16
589	589	642	T-	0.88526	0.88526	-1.378E-15
589	589	616	W	0.	0.	0.
589	589	617	W	0.	0.	0.
589	589	643	W	0.	0.	0.
589	589	642	W	0.	0.	0.
589	589	616	Qm-1	0.	0.	0.
589	589	617	Qm-1	0.	0.	0.
589	589	643	Qm-1	0.	0.	0.
589	589	642	Qm-1	0.	0.	0.
589	589	616	Qm-2	0.	0.	0.
589	589	617	Qm-2	0.	0.	0.
589	589	643	Qm-2	0.	0.	0.
589	589	642	Qm-2	0.	0.	0.
590	590	617	DEAD	0.	0.	0.
590	590	618	DEAD	0.	0.	0.
590	590	644	DEAD	0.	0.	0.
590	590	643	DEAD	0.	0.	0.
590	590	617	G1	0.	0.	0.
590	590	618	G1	0.	0.	0.
590	590	644	G1	0.	0.	0.
590	590	643	G1	0.	0.	0.
590	590	617	G2	0.	0.	0.
590	590	618	G2	0.	0.	0.
590	590	644	G2	0.	0.	0.
590	590	643	G2	0.	0.	0.
590	590	617	Qm	0.	0.	0.
590	590	618	Qm	0.	0.	0.
590	590	644	Qm	0.	0.	0.
590	590	643	Qm	0.	0.	0.
590	590	617	Qs	0.	0.	0.
590	590	618	Qs	0.	0.	0.
590	590	644	Qs	0.	0.	0.
590	590	643	Qs	0.	0.	0.
590	590	617	T+	-0.88526	-0.88526	-6.997E-17
590	590	618	T+	-0.88526	-0.88526	-5.008E-17
590	590	644	T+	-0.88526	-0.88526	-2.074E-17
590	590	643	T+	-0.88526	-0.88526	-8.062E-17
590	590	617	T-	0.88526	0.88526	6.997E-17
590	590	618	T-	0.88526	0.88526	5.008E-17
590	590	644	T-	0.88526	0.88526	2.074E-17
590	590	643	T-	0.88526	0.88526	8.062E-17

Table 27: Element Forces - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	F11	F22	F12
				KN/mm	KN/mm	KN/mm
590	590	617	W	0.	0.	0.
590	590	618	W	0.	0.	0.
590	590	644	W	0.	0.	0.
590	590	643	W	0.	0.	0.
590	590	617	Qm-1	0.	0.	0.
590	590	618	Qm-1	0.	0.	0.
590	590	644	Qm-1	0.	0.	0.
590	590	643	Qm-1	0.	0.	0.
590	590	617	Qm-2	0.	0.	0.
590	590	618	Qm-2	0.	0.	0.
590	590	644	Qm-2	0.	0.	0.
590	590	643	Qm-2	0.	0.	0.
591	591	618	DEAD	0.	0.	0.
591	591	619	DEAD	0.	0.	0.
591	591	645	DEAD	0.	0.	0.
591	591	644	DEAD	0.	0.	0.
591	591	618	G1	0.	0.	0.
591	591	619	G1	0.	0.	0.
591	591	645	G1	0.	0.	0.
591	591	644	G1	0.	0.	0.
591	591	618	G2	0.	0.	0.
591	591	619	G2	0.	0.	0.
591	591	645	G2	0.	0.	0.
591	591	644	G2	0.	0.	0.
591	591	618	Qm	0.	0.	0.
591	591	619	Qm	0.	0.	0.
591	591	645	Qm	0.	0.	0.
591	591	644	Qm	0.	0.	0.
591	591	618	Qs	0.	0.	0.
591	591	619	Qs	0.	0.	0.
591	591	645	Qs	0.	0.	0.
591	591	644	Qs	0.	0.	0.
591	591	618	T+	-0.88526	-0.88526	-2.115E-16
591	591	619	T+	-0.88526	-0.88526	-1.335E-15
591	591	645	T+	-0.88526	-0.88526	3.165E-16
591	591	644	T+	-0.88526	-0.88526	1.480E-15
591	591	618	T-	0.88526	0.88526	2.115E-16
591	591	619	T-	0.88526	0.88526	1.335E-15
591	591	645	T-	0.88526	0.88526	-3.165E-16
591	591	644	T-	0.88526	0.88526	-1.480E-15
591	591	618	W	0.	0.	0.
591	591	619	W	0.	0.	0.
591	591	645	W	0.	0.	0.
591	591	644	W	0.	0.	0.
591	591	618	Qm-1	0.	0.	0.
591	591	619	Qm-1	0.	0.	0.
591	591	645	Qm-1	0.	0.	0.
591	591	644	Qm-1	0.	0.	0.
591	591	618	Qm-2	0.	0.	0.
591	591	619	Qm-2	0.	0.	0.
591	591	645	Qm-2	0.	0.	0.
591	591	644	Qm-2	0.	0.	0.
592	592	619	DEAD	0.	0.	0.
592	592	620	DEAD	0.	0.	0.

Table 27: Element Forces - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	F11	F22	F12
				KN/mm	KN/mm	KN/mm
592	592	646	DEAD	0.	0.	0.
592	592	645	DEAD	0.	0.	0.
592	592	619	G1	0.	0.	0.
592	592	620	G1	0.	0.	0.
592	592	646	G1	0.	0.	0.
592	592	645	G1	0.	0.	0.
592	592	619	G2	0.	0.	0.
592	592	620	G2	0.	0.	0.
592	592	646	G2	0.	0.	0.
592	592	645	G2	0.	0.	0.
592	592	619	Qm	0.	0.	0.
592	592	620	Qm	0.	0.	0.
592	592	646	Qm	0.	0.	0.
592	592	645	Qm	0.	0.	0.
592	592	619	Qs	0.	0.	0.
592	592	620	Qs	0.	0.	0.
592	592	646	Qs	0.	0.	0.
592	592	645	Qs	0.	0.	0.
592	592	619	T+	-0.88526	-0.88526	-4.556E-17
592	592	620	T+	-0.88526	-0.88526	-3.754E-16
592	592	646	T+	-0.88526	-0.88526	4.653E-17
592	592	645	T+	-0.88526	-0.88526	2.963E-16
592	592	619	T-	0.88526	0.88526	4.556E-17
592	592	620	T-	0.88526	0.88526	3.754E-16
592	592	646	T-	0.88526	0.88526	-4.653E-17
592	592	645	T-	0.88526	0.88526	-2.963E-16
592	592	619	W	0.	0.	0.
592	592	620	W	0.	0.	0.
592	592	646	W	0.	0.	0.
592	592	645	W	0.	0.	0.
592	592	619	Qm-1	0.	0.	0.
592	592	620	Qm-1	0.	0.	0.
592	592	646	Qm-1	0.	0.	0.
592	592	645	Qm-1	0.	0.	0.
592	592	619	Qm-2	0.	0.	0.
592	592	620	Qm-2	0.	0.	0.
592	592	646	Qm-2	0.	0.	0.
592	592	645	Qm-2	0.	0.	0.
593	593	620	DEAD	0.	0.	0.
593	593	621	DEAD	0.	0.	0.
593	593	647	DEAD	0.	0.	0.
593	593	646	DEAD	0.	0.	0.
593	593	620	G1	0.	0.	0.
593	593	621	G1	0.	0.	0.
593	593	647	G1	0.	0.	0.
593	593	646	G1	0.	0.	0.
593	593	620	G2	0.	0.	0.
593	593	621	G2	0.	0.	0.
593	593	647	G2	0.	0.	0.
593	593	646	G2	0.	0.	0.
593	593	620	Qm	0.	0.	0.
593	593	621	Qm	0.	0.	0.
593	593	647	Qm	0.	0.	0.
593	593	646	Qm	0.	0.	0.

Table 27: Element Forces - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	F11	F22	F12
				KN/mm	KN/mm	KN/mm
593	593	620	Qs	0.	0.	0.
593	593	621	Qs	0.	0.	0.
593	593	647	Qs	0.	0.	0.
593	593	646	Qs	0.	0.	0.
593	593	620	T+	-0.88526	-0.88526	1.073E-16
593	593	621	T+	-0.88526	-0.88526	1.422E-15
593	593	647	T+	-0.88526	-0.88526	1.217E-16
593	593	646	T+	-0.88526	-0.88526	-1.113E-15
593	593	620	T-	0.88526	0.88526	-1.073E-16
593	593	621	T-	0.88526	0.88526	-1.422E-15
593	593	647	T-	0.88526	0.88526	-1.217E-16
593	593	646	T-	0.88526	0.88526	1.113E-15
593	593	620	W	0.	0.	0.
593	593	621	W	0.	0.	0.
593	593	647	W	0.	0.	0.
593	593	646	W	0.	0.	0.
593	593	620	Qm-1	0.	0.	0.
593	593	621	Qm-1	0.	0.	0.
593	593	647	Qm-1	0.	0.	0.
593	593	646	Qm-1	0.	0.	0.
593	593	620	Qm-2	0.	0.	0.
593	593	621	Qm-2	0.	0.	0.
593	593	647	Qm-2	0.	0.	0.
593	593	646	Qm-2	0.	0.	0.
594	594	621	DEAD	0.	0.	0.
594	594	622	DEAD	0.	0.	0.
594	594	648	DEAD	0.	0.	0.
594	594	647	DEAD	0.	0.	0.
594	594	621	G1	0.	0.	0.
594	594	622	G1	0.	0.	0.
594	594	648	G1	0.	0.	0.
594	594	647	G1	0.	0.	0.
594	594	621	G2	0.	0.	0.
594	594	622	G2	0.	0.	0.
594	594	648	G2	0.	0.	0.
594	594	647	G2	0.	0.	0.
594	594	621	Qm	0.	0.	0.
594	594	622	Qm	0.	0.	0.
594	594	648	Qm	0.	0.	0.
594	594	647	Qm	0.	0.	0.
594	594	621	Qs	0.	0.	0.
594	594	622	Qs	0.	0.	0.
594	594	648	Qs	0.	0.	0.
594	594	647	Qs	0.	0.	0.
594	594	621	T+	-0.88526	-0.88526	1.914E-16
594	594	622	T+	-0.88526	-0.88526	2.148E-15
594	594	648	T+	-0.88526	-0.88526	-1.931E-16
594	594	647	T+	-0.88526	-0.88526	-2.229E-15
594	594	621	T-	0.88526	0.88526	-1.914E-16
594	594	622	T-	0.88526	0.88526	-2.148E-15
594	594	648	T-	0.88526	0.88526	1.931E-16
594	594	647	T-	0.88526	0.88526	2.229E-15
594	594	621	W	0.	0.	0.
594	594	622	W	0.	0.	0.

Table 27: Element Forces - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	F11	F22	F12
				KN/mm	KN/mm	KN/mm
594	594	648	W	0.	0.	0.
594	594	647	W	0.	0.	0.
594	594	621	Qm-1	0.	0.	0.
594	594	622	Qm-1	0.	0.	0.
594	594	648	Qm-1	0.	0.	0.
594	594	647	Qm-1	0.	0.	0.
594	594	621	Qm-2	0.	0.	0.
594	594	622	Qm-2	0.	0.	0.
594	594	648	Qm-2	0.	0.	0.
594	594	647	Qm-2	0.	0.	0.
595	595	622	DEAD	0.	0.	0.
595	595	623	DEAD	0.	0.	0.
595	595	649	DEAD	0.	0.	0.
595	595	648	DEAD	0.	0.	0.
595	595	622	G1	0.	0.	0.
595	595	623	G1	0.	0.	0.
595	595	649	G1	0.	0.	0.
595	595	648	G1	0.	0.	0.
595	595	622	G2	0.	0.	0.
595	595	623	G2	0.	0.	0.
595	595	649	G2	0.	0.	0.
595	595	648	G2	0.	0.	0.
595	595	622	Qm	0.	0.	0.
595	595	623	Qm	0.	0.	0.
595	595	649	Qm	0.	0.	0.
595	595	648	Qm	0.	0.	0.
595	595	622	Qs	0.	0.	0.
595	595	623	Qs	0.	0.	0.
595	595	649	Qs	0.	0.	0.
595	595	648	Qs	0.	0.	0.
595	595	622	T+	-0.88526	-0.88526	-8.113E-17
595	595	623	T+	-0.88526	-0.88526	-8.199E-16
595	595	649	T+	-0.88526	-0.88526	1.271E-16
595	595	648	T+	-0.88526	-0.88526	1.026E-15
595	595	622	T-	0.88526	0.88526	8.113E-17
595	595	623	T-	0.88526	0.88526	8.199E-16
595	595	649	T-	0.88526	0.88526	-1.271E-16
595	595	648	T-	0.88526	0.88526	-1.026E-15
595	595	622	W	0.	0.	0.
595	595	623	W	0.	0.	0.
595	595	649	W	0.	0.	0.
595	595	648	W	0.	0.	0.
595	595	622	Qm-1	0.	0.	0.
595	595	623	Qm-1	0.	0.	0.
595	595	649	Qm-1	0.	0.	0.
595	595	648	Qm-1	0.	0.	0.
595	595	622	Qm-2	0.	0.	0.
595	595	623	Qm-2	0.	0.	0.
595	595	649	Qm-2	0.	0.	0.
595	595	648	Qm-2	0.	0.	0.
596	596	623	DEAD	0.	0.	0.
596	596	624	DEAD	0.	0.	0.
596	596	650	DEAD	0.	0.	0.
596	596	649	DEAD	0.	0.	0.

Table 27: Element Forces - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	F11	F22	F12
				KN/mm	KN/mm	KN/mm
596	596	623	G1	0.	0.	0.
596	596	624	G1	0.	0.	0.
596	596	650	G1	0.	0.	0.
596	596	649	G1	0.	0.	0.
596	596	623	G2	0.	0.	0.
596	596	624	G2	0.	0.	0.
596	596	650	G2	0.	0.	0.
596	596	649	G2	0.	0.	0.
596	596	623	Qm	0.	0.	0.
596	596	624	Qm	0.	0.	0.
596	596	650	Qm	0.	0.	0.
596	596	649	Qm	0.	0.	0.
596	596	623	Qs	0.	0.	0.
596	596	624	Qs	0.	0.	0.
596	596	650	Qs	0.	0.	0.
596	596	649	Qs	0.	0.	0.
596	596	623	T+	-0.88526	-0.88526	5.726E-17
596	596	624	T+	-0.88526	-0.88526	-1.063E-16
596	596	650	T+	-0.88526	-0.88526	-1.415E-16
596	596	649	T+	-0.88526	-0.88526	-5.795E-17
596	596	623	T-	0.88526	0.88526	-5.726E-17
596	596	624	T-	0.88526	0.88526	1.063E-16
596	596	650	T-	0.88526	0.88526	1.415E-16
596	596	649	T-	0.88526	0.88526	5.795E-17
596	596	623	W	0.	0.	0.
596	596	624	W	0.	0.	0.
596	596	650	W	0.	0.	0.
596	596	649	W	0.	0.	0.
596	596	623	Qm-1	0.	0.	0.
596	596	624	Qm-1	0.	0.	0.
596	596	650	Qm-1	0.	0.	0.
596	596	649	Qm-1	0.	0.	0.
596	596	623	Qm-2	0.	0.	0.
596	596	624	Qm-2	0.	0.	0.
596	596	650	Qm-2	0.	0.	0.
596	596	649	Qm-2	0.	0.	0.
597	597	624	DEAD	0.	0.	0.
597	597	625	DEAD	0.	0.	0.
597	597	651	DEAD	0.	0.	0.
597	597	650	DEAD	0.	0.	0.
597	597	624	G1	0.	0.	0.
597	597	625	G1	0.	0.	0.
597	597	651	G1	0.	0.	0.
597	597	650	G1	0.	0.	0.
597	597	624	G2	0.	0.	0.
597	597	625	G2	0.	0.	0.
597	597	651	G2	0.	0.	0.
597	597	650	G2	0.	0.	0.
597	597	624	Qm	0.	0.	0.
597	597	625	Qm	0.	0.	0.
597	597	651	Qm	0.	0.	0.
597	597	650	Qm	0.	0.	0.
597	597	624	Qs	0.	0.	0.
597	597	625	Qs	0.	0.	0.

Table 27: Element Forces - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	F11	F22	F12
				KN/mm	KN/mm	KN/mm
597	597	651	Qs	0.	0.	0.
597	597	650	Qs	0.	0.	0.
597	597	624	T+	-0.88526	-0.88526	-1.971E-16
597	597	625	T+	-0.88526	-0.88526	-8.646E-17
597	597	651	T+	-0.88526	-0.88526	1.129E-16
597	597	650	T+	-0.88526	-0.88526	-7.776E-17
597	597	624	T-	0.88526	0.88526	1.971E-16
597	597	625	T-	0.88526	0.88526	8.646E-17
597	597	651	T-	0.88526	0.88526	-1.129E-16
597	597	650	T-	0.88526	0.88526	7.776E-17
597	597	624	W	0.	0.	0.
597	597	625	W	0.	0.	0.
597	597	651	W	0.	0.	0.
597	597	650	W	0.	0.	0.
597	597	624	Qm-1	0.	0.	0.
597	597	625	Qm-1	0.	0.	0.
597	597	651	Qm-1	0.	0.	0.
597	597	650	Qm-1	0.	0.	0.
597	597	624	Qm-2	0.	0.	0.
597	597	625	Qm-2	0.	0.	0.
597	597	651	Qm-2	0.	0.	0.
597	597	650	Qm-2	0.	0.	0.
598	598	625	DEAD	0.	0.	0.
598	598	626	DEAD	0.	0.	0.
598	598	652	DEAD	0.	0.	0.
598	598	651	DEAD	0.	0.	0.
598	598	625	G1	0.	0.	0.
598	598	626	G1	0.	0.	0.
598	598	652	G1	0.	0.	0.
598	598	651	G1	0.	0.	0.
598	598	625	G2	0.	0.	0.
598	598	626	G2	0.	0.	0.
598	598	652	G2	0.	0.	0.
598	598	651	G2	0.	0.	0.
598	598	625	Qm	0.	0.	0.
598	598	626	Qm	0.	0.	0.
598	598	652	Qm	0.	0.	0.
598	598	651	Qm	0.	0.	0.
598	598	625	Qs	0.	0.	0.
598	598	626	Qs	0.	0.	0.
598	598	652	Qs	0.	0.	0.
598	598	651	Qs	0.	0.	0.
598	598	625	T+	-0.88526	-0.88526	5.337E-17
598	598	626	T+	-0.88526	-0.88526	3.170E-16
598	598	652	T+	-0.88526	-0.88526	-1.567E-16
598	598	651	T+	-0.88526	-0.88526	-5.403E-16
598	598	625	T-	0.88526	0.88526	-5.337E-17
598	598	626	T-	0.88526	0.88526	-3.170E-16
598	598	652	T-	0.88526	0.88526	1.567E-16
598	598	651	T-	0.88526	0.88526	5.403E-16
598	598	625	W	0.	0.	0.
598	598	626	W	0.	0.	0.
598	598	652	W	0.	0.	0.
598	598	651	W	0.	0.	0.

Table 27: Element Forces - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	F11	F22	F12
				KN/mm	KN/mm	KN/mm
598	598	625	Qm-1	0.	0.	0.
598	598	626	Qm-1	0.	0.	0.
598	598	652	Qm-1	0.	0.	0.
598	598	651	Qm-1	0.	0.	0.
598	598	625	Qm-2	0.	0.	0.
598	598	626	Qm-2	0.	0.	0.
598	598	652	Qm-2	0.	0.	0.
598	598	651	Qm-2	0.	0.	0.
599	599	626	DEAD	0.	0.	0.
599	599	627	DEAD	0.	0.	0.
599	599	653	DEAD	0.	0.	0.
599	599	652	DEAD	0.	0.	0.
599	599	626	G1	0.	0.	0.
599	599	627	G1	0.	0.	0.
599	599	653	G1	0.	0.	0.
599	599	652	G1	0.	0.	0.
599	599	626	G2	0.	0.	0.
599	599	627	G2	0.	0.	0.
599	599	653	G2	0.	0.	0.
599	599	652	G2	0.	0.	0.
599	599	626	Qm	0.	0.	0.
599	599	627	Qm	0.	0.	0.
599	599	653	Qm	0.	0.	0.
599	599	652	Qm	0.	0.	0.
599	599	626	Qs	0.	0.	0.
599	599	627	Qs	0.	0.	0.
599	599	653	Qs	0.	0.	0.
599	599	652	Qs	0.	0.	0.
599	599	626	T+	-0.88526	-0.88526	-2.595E-16
599	599	627	T+	-0.88526	-0.88526	1.762E-16
599	599	653	T+	-0.88526	-0.88526	1.272E-18
599	599	652	T+	-0.88526	-0.88526	-3.544E-16
599	599	626	T-	0.88526	0.88526	2.595E-16
599	599	627	T-	0.88526	0.88526	-1.762E-16
599	599	653	T-	0.88526	0.88526	-1.272E-18
599	599	652	T-	0.88526	0.88526	3.544E-16
599	599	626	W	0.	0.	0.
599	599	627	W	0.	0.	0.
599	599	653	W	0.	0.	0.
599	599	652	W	0.	0.	0.
599	599	626	Qm-1	0.	0.	0.
599	599	627	Qm-1	0.	0.	0.
599	599	653	Qm-1	0.	0.	0.
599	599	652	Qm-1	0.	0.	0.
599	599	626	Qm-2	0.	0.	0.
599	599	627	Qm-2	0.	0.	0.
599	599	653	Qm-2	0.	0.	0.
599	599	652	Qm-2	0.	0.	0.
600	600	627	DEAD	0.	0.	0.
600	600	628	DEAD	0.	0.	0.
600	600	654	DEAD	0.	0.	0.
600	600	653	DEAD	0.	0.	0.
600	600	627	G1	0.	0.	0.
600	600	628	G1	0.	0.	0.

Table 27: Element Forces - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	F11	F22	F12
				KN/mm	KN/mm	KN/mm
600	600	654	G1	0.	0.	0.
600	600	653	G1	0.	0.	0.
600	600	627	G2	0.	0.	0.
600	600	628	G2	0.	0.	0.
600	600	654	G2	0.	0.	0.
600	600	653	G2	0.	0.	0.
600	600	627	Qm	0.	0.	0.
600	600	628	Qm	0.	0.	0.
600	600	654	Qm	0.	0.	0.
600	600	653	Qm	0.	0.	0.
600	600	627	Qs	0.	0.	0.
600	600	628	Qs	0.	0.	0.
600	600	654	Qs	0.	0.	0.
600	600	653	Qs	0.	0.	0.
600	600	627	T+	-0.88526	-0.88526	-1.208E-16
600	600	628	T+	-0.88526	-0.88526	-8.817E-16
600	600	654	T+	-0.88526	-0.88526	3.940E-17
600	600	653	T+	-0.88526	-0.88526	8.003E-16
600	600	627	T-	0.88526	0.88526	1.208E-16
600	600	628	T-	0.88526	0.88526	8.817E-16
600	600	654	T-	0.88526	0.88526	-3.940E-17
600	600	653	T-	0.88526	0.88526	-8.003E-16
600	600	627	W	0.	0.	0.
600	600	628	W	0.	0.	0.
600	600	654	W	0.	0.	0.
600	600	653	W	0.	0.	0.
600	600	627	Qm-1	0.	0.	0.
600	600	628	Qm-1	0.	0.	0.
600	600	654	Qm-1	0.	0.	0.
600	600	653	Qm-1	0.	0.	0.
600	600	627	Qm-2	0.	0.	0.
600	600	628	Qm-2	0.	0.	0.
600	600	654	Qm-2	0.	0.	0.
600	600	653	Qm-2	0.	0.	0.
601	601	628	DEAD	0.	0.	0.
601	601	629	DEAD	0.	0.	0.
601	601	655	DEAD	0.	0.	0.
601	601	654	DEAD	0.	0.	0.
601	601	628	G1	0.	0.	0.
601	601	629	G1	0.	0.	0.
601	601	655	G1	0.	0.	0.
601	601	654	G1	0.	0.	0.
601	601	628	G2	0.	0.	0.
601	601	629	G2	0.	0.	0.
601	601	655	G2	0.	0.	0.
601	601	654	G2	0.	0.	0.
601	601	628	Qm	0.	0.	0.
601	601	629	Qm	0.	0.	0.
601	601	655	Qm	0.	0.	0.
601	601	654	Qm	0.	0.	0.
601	601	628	Qs	0.	0.	0.
601	601	629	Qs	0.	0.	0.
601	601	655	Qs	0.	0.	0.
601	601	654	Qs	0.	0.	0.

Table 27: Element Forces - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	F11	F22	F12
				KN/mm	KN/mm	KN/mm
601	601	628	T+	-0.88526	-0.88526	-9.438E-17
601	601	629	T+	-0.88526	-0.88526	6.942E-16
601	601	655	T+	-0.88526	-0.88526	2.497E-16
601	601	654	T+	-0.88526	-0.88526	-6.189E-16
601	601	628	T-	0.88526	0.88526	9.438E-17
601	601	629	T-	0.88526	0.88526	-6.942E-16
601	601	655	T-	0.88526	0.88526	-2.497E-16
601	601	654	T-	0.88526	0.88526	6.189E-16
601	601	628	W	0.	0.	0.
601	601	629	W	0.	0.	0.
601	601	655	W	0.	0.	0.
601	601	654	W	0.	0.	0.
601	601	628	Qm-1	0.	0.	0.
601	601	629	Qm-1	0.	0.	0.
601	601	655	Qm-1	0.	0.	0.
601	601	654	Qm-1	0.	0.	0.
601	601	628	Qm-2	0.	0.	0.
601	601	629	Qm-2	0.	0.	0.
601	601	655	Qm-2	0.	0.	0.
601	601	654	Qm-2	0.	0.	0.
602	602	629	DEAD	0.	0.	0.
602	602	630	DEAD	0.	0.	0.
602	602	656	DEAD	0.	0.	0.
602	602	655	DEAD	0.	0.	0.
602	602	629	G1	0.	0.	0.
602	602	630	G1	0.	0.	0.
602	602	656	G1	0.	0.	0.
602	602	655	G1	0.	0.	0.
602	602	629	G2	0.	0.	0.
602	602	630	G2	0.	0.	0.
602	602	656	G2	0.	0.	0.
602	602	655	G2	0.	0.	0.
602	602	629	Qm	0.	0.	0.
602	602	630	Qm	0.	0.	0.
602	602	656	Qm	0.	0.	0.
602	602	655	Qm	0.	0.	0.
602	602	629	Qs	0.	0.	0.
602	602	630	Qs	0.	0.	0.
602	602	656	Qs	0.	0.	0.
602	602	655	Qs	0.	0.	0.
602	602	629	T+	-0.88526	-0.88526	1.064E-16
602	602	630	T+	-0.88526	-0.88526	-3.497E-16
602	602	656	T+	-0.88526	-0.88526	-4.258E-17
602	602	655	T+	-0.88526	-0.88526	4.135E-16
602	602	629	T-	0.88526	0.88526	-1.064E-16
602	602	630	T-	0.88526	0.88526	3.497E-16
602	602	656	T-	0.88526	0.88526	4.258E-17
602	602	655	T-	0.88526	0.88526	-4.135E-16
602	602	629	W	0.	0.	0.
602	602	630	W	0.	0.	0.
602	602	656	W	0.	0.	0.
602	602	655	W	0.	0.	0.
602	602	629	Qm-1	0.	0.	0.
602	602	630	Qm-1	0.	0.	0.

Table 27: Element Forces - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	F11	F22	F12
				KN/mm	KN/mm	KN/mm
602	602	656	Qm-1	0.	0.	0.
602	602	655	Qm-1	0.	0.	0.
602	602	629	Qm-2	0.	0.	0.
602	602	630	Qm-2	0.	0.	0.
602	602	656	Qm-2	0.	0.	0.
602	602	655	Qm-2	0.	0.	0.
603	603	631	DEAD	0.	0.	0.
603	603	632	DEAD	0.	0.	0.
603	603	657	DEAD	0.	0.	0.
603	603	6	DEAD	0.	0.	0.
603	603	631	G1	0.	0.	0.
603	603	632	G1	0.	0.	0.
603	603	657	G1	0.	0.	0.
603	603	6	G1	0.	0.	0.
603	603	631	G2	0.	0.	0.
603	603	632	G2	0.	0.	0.
603	603	657	G2	0.	0.	0.
603	603	6	G2	0.	0.	0.
603	603	631	Qm	0.	0.	0.
603	603	632	Qm	0.	0.	0.
603	603	657	Qm	0.	0.	0.
603	603	6	Qm	0.	0.	0.
603	603	631	Qs	0.	0.	0.
603	603	632	Qs	0.	0.	0.
603	603	657	Qs	0.	0.	0.
603	603	6	Qs	0.	0.	0.
603	603	631	T+	-0.88526	-0.88526	-9.069E-17
603	603	632	T+	-0.88526	-0.88526	-9.335E-17
603	603	657	T+	-0.88526	-0.88526	1.538E-16
603	603	6	T+	-0.88526	-0.88526	2.764E-16
603	603	631	T-	0.88526	0.88526	9.069E-17
603	603	632	T-	0.88526	0.88526	9.335E-17
603	603	657	T-	0.88526	0.88526	-1.538E-16
603	603	6	T-	0.88526	0.88526	-2.764E-16
603	603	631	W	0.	0.	0.
603	603	632	W	0.	0.	0.
603	603	657	W	0.	0.	0.
603	603	6	W	0.	0.	0.
603	603	631	Qm-1	0.	0.	0.
603	603	632	Qm-1	0.	0.	0.
603	603	657	Qm-1	0.	0.	0.
603	603	6	Qm-1	0.	0.	0.
603	603	631	Qm-2	0.	0.	0.
603	603	632	Qm-2	0.	0.	0.
603	603	657	Qm-2	0.	0.	0.
603	603	6	Qm-2	0.	0.	0.
604	604	632	DEAD	0.	0.	0.
604	604	633	DEAD	0.	0.	0.
604	604	658	DEAD	0.	0.	0.
604	604	657	DEAD	0.	0.	0.
604	604	632	G1	0.	0.	0.
604	604	633	G1	0.	0.	0.
604	604	658	G1	0.	0.	0.
604	604	657	G1	0.	0.	0.

Table 27: Element Forces - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	F11	F22	F12
				KN/mm	KN/mm	KN/mm
604	604	632	G2	0.	0.	0.
604	604	633	G2	0.	0.	0.
604	604	658	G2	0.	0.	0.
604	604	657	G2	0.	0.	0.
604	604	632	Qm	0.	0.	0.
604	604	633	Qm	0.	0.	0.
604	604	658	Qm	0.	0.	0.
604	604	657	Qm	0.	0.	0.
604	604	632	Qs	0.	0.	0.
604	604	633	Qs	0.	0.	0.
604	604	658	Qs	0.	0.	0.
604	604	657	Qs	0.	0.	0.
604	604	632	T+	-0.88526	-0.88526	2.386E-17
604	604	633	T+	-0.88526	-0.88526	-7.565E-17
604	604	658	T+	-0.88526	-0.88526	3.926E-17
604	604	657	T+	-0.88526	-0.88526	2.587E-16
604	604	632	T-	0.88526	0.88526	-2.386E-17
604	604	633	T-	0.88526	0.88526	7.565E-17
604	604	658	T-	0.88526	0.88526	-3.926E-17
604	604	657	T-	0.88526	0.88526	-2.587E-16
604	604	632	W	0.	0.	0.
604	604	633	W	0.	0.	0.
604	604	658	W	0.	0.	0.
604	604	657	W	0.	0.	0.
604	604	632	Qm-1	0.	0.	0.
604	604	633	Qm-1	0.	0.	0.
604	604	658	Qm-1	0.	0.	0.
604	604	657	Qm-1	0.	0.	0.
604	604	632	Qm-2	0.	0.	0.
604	604	633	Qm-2	0.	0.	0.
604	604	658	Qm-2	0.	0.	0.
604	604	657	Qm-2	0.	0.	0.
605	605	633	DEAD	0.	0.	0.
605	605	634	DEAD	0.	0.	0.
605	605	659	DEAD	0.	0.	0.
605	605	658	DEAD	0.	0.	0.
605	605	633	G1	0.	0.	0.
605	605	634	G1	0.	0.	0.
605	605	659	G1	0.	0.	0.
605	605	658	G1	0.	0.	0.
605	605	633	G2	0.	0.	0.
605	605	634	G2	0.	0.	0.
605	605	659	G2	0.	0.	0.
605	605	658	G2	0.	0.	0.
605	605	633	Qm	0.	0.	0.
605	605	634	Qm	0.	0.	0.
605	605	659	Qm	0.	0.	0.
605	605	658	Qm	0.	0.	0.
605	605	633	Qs	0.	0.	0.
605	605	634	Qs	0.	0.	0.
605	605	659	Qs	0.	0.	0.
605	605	658	Qs	0.	0.	0.
605	605	633	T+	-0.88526	-0.88526	-5.121E-17
605	605	634	T+	-0.88526	-0.88526	-1.002E-16

Table 27: Element Forces - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	F11	F22	F12
				KN/mm	KN/mm	KN/mm
605	605	659	T+	-0.88526	-0.88526	1.143E-16
605	605	658	T+	-0.88526	-0.88526	2.833E-16
605	605	633	T-	0.88526	0.88526	5.121E-17
605	605	634	T-	0.88526	0.88526	1.002E-16
605	605	659	T-	0.88526	0.88526	-1.143E-16
605	605	658	T-	0.88526	0.88526	-2.833E-16
605	605	633	W	0.	0.	0.
605	605	634	W	0.	0.	0.
605	605	659	W	0.	0.	0.
605	605	658	W	0.	0.	0.
605	605	633	Qm-1	0.	0.	0.
605	605	634	Qm-1	0.	0.	0.
605	605	659	Qm-1	0.	0.	0.
605	605	658	Qm-1	0.	0.	0.
605	605	633	Qm-2	0.	0.	0.
605	605	634	Qm-2	0.	0.	0.
605	605	659	Qm-2	0.	0.	0.
605	605	658	Qm-2	0.	0.	0.
606	606	634	DEAD	0.	0.	0.
606	606	635	DEAD	0.	0.	0.
606	606	660	DEAD	0.	0.	0.
606	606	659	DEAD	0.	0.	0.
606	606	634	G1	0.	0.	0.
606	606	635	G1	0.	0.	0.
606	606	660	G1	0.	0.	0.
606	606	659	G1	0.	0.	0.
606	606	634	G2	0.	0.	0.
606	606	635	G2	0.	0.	0.
606	606	660	G2	0.	0.	0.
606	606	659	G2	0.	0.	0.
606	606	634	Qm	0.	0.	0.
606	606	635	Qm	0.	0.	0.
606	606	660	Qm	0.	0.	0.
606	606	659	Qm	0.	0.	0.
606	606	634	Qs	0.	0.	0.
606	606	635	Qs	0.	0.	0.
606	606	660	Qs	0.	0.	0.
606	606	659	Qs	0.	0.	0.
606	606	634	T+	-0.88526	-0.88526	-8.920E-17
606	606	635	T+	-0.88526	-0.88526	-2.926E-16
606	606	660	T+	-0.88526	-0.88526	6.459E-17
606	606	659	T+	-0.88526	-0.88526	3.480E-16
606	606	634	T-	0.88526	0.88526	8.920E-17
606	606	635	T-	0.88526	0.88526	2.926E-16
606	606	660	T-	0.88526	0.88526	-6.459E-17
606	606	659	T-	0.88526	0.88526	-3.480E-16
606	606	634	W	0.	0.	0.
606	606	635	W	0.	0.	0.
606	606	660	W	0.	0.	0.
606	606	659	W	0.	0.	0.
606	606	634	Qm-1	0.	0.	0.
606	606	635	Qm-1	0.	0.	0.
606	606	660	Qm-1	0.	0.	0.
606	606	659	Qm-1	0.	0.	0.

Table 27: Element Forces - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	F11	F22	F12
				KN/mm	KN/mm	KN/mm
606	606	634	Qm-2	0.	0.	0.
606	606	635	Qm-2	0.	0.	0.
606	606	660	Qm-2	0.	0.	0.
606	606	659	Qm-2	0.	0.	0.
607	607	635	DEAD	0.	0.	0.
607	607	636	DEAD	0.	0.	0.
607	607	661	DEAD	0.	0.	0.
607	607	660	DEAD	0.	0.	0.
607	607	635	G1	0.	0.	0.
607	607	636	G1	0.	0.	0.
607	607	661	G1	0.	0.	0.
607	607	660	G1	0.	0.	0.
607	607	635	G2	0.	0.	0.
607	607	636	G2	0.	0.	0.
607	607	661	G2	0.	0.	0.
607	607	660	G2	0.	0.	0.
607	607	635	Qm	0.	0.	0.
607	607	636	Qm	0.	0.	0.
607	607	661	Qm	0.	0.	0.
607	607	660	Qm	0.	0.	0.
607	607	635	Qs	0.	0.	0.
607	607	636	Qs	0.	0.	0.
607	607	661	Qs	0.	0.	0.
607	607	660	Qs	0.	0.	0.
607	607	635	T+	-0.88526	-0.88526	-3.329E-16
607	607	636	T+	-0.88526	-0.88526	-1.321E-16
607	607	661	T+	-0.88526	-0.88526	3.191E-16
607	607	660	T+	-0.88526	-0.88526	7.834E-17
607	607	635	T-	0.88526	0.88526	3.329E-16
607	607	636	T-	0.88526	0.88526	1.321E-16
607	607	661	T-	0.88526	0.88526	-3.191E-16
607	607	660	T-	0.88526	0.88526	-7.834E-17
607	607	635	W	0.	0.	0.
607	607	636	W	0.	0.	0.
607	607	661	W	0.	0.	0.
607	607	660	W	0.	0.	0.
607	607	635	Qm-1	0.	0.	0.
607	607	636	Qm-1	0.	0.	0.
607	607	661	Qm-1	0.	0.	0.
607	607	660	Qm-1	0.	0.	0.
607	607	635	Qm-2	0.	0.	0.
607	607	636	Qm-2	0.	0.	0.
607	607	661	Qm-2	0.	0.	0.
607	607	660	Qm-2	0.	0.	0.
608	608	636	DEAD	0.	0.	0.
608	608	637	DEAD	0.	0.	0.
608	608	662	DEAD	0.	0.	0.
608	608	661	DEAD	0.	0.	0.
608	608	636	G1	0.	0.	0.
608	608	637	G1	0.	0.	0.
608	608	662	G1	0.	0.	0.
608	608	661	G1	0.	0.	0.
608	608	636	G2	0.	0.	0.
608	608	637	G2	0.	0.	0.

Table 27: Element Forces - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	F11	F22	F12
				KN/mm	KN/mm	KN/mm
608	608	662	G2	0.	0.	0.
608	608	661	G2	0.	0.	0.
608	608	636	Qm	0.	0.	0.
608	608	637	Qm	0.	0.	0.
608	608	662	Qm	0.	0.	0.
608	608	661	Qm	0.	0.	0.
608	608	636	Qs	0.	0.	0.
608	608	637	Qs	0.	0.	0.
608	608	662	Qs	0.	0.	0.
608	608	661	Qs	0.	0.	0.
608	608	636	T+	-0.88526	-0.88526	-1.011E-18
608	608	637	T+	-0.88526	-0.88526	-1.196E-16
608	608	662	T+	-0.88526	-0.88526	6.413E-17
608	608	661	T+	-0.88526	-0.88526	3.027E-16
608	608	636	T-	0.88526	0.88526	1.011E-18
608	608	637	T-	0.88526	0.88526	1.196E-16
608	608	662	T-	0.88526	0.88526	-6.413E-17
608	608	661	T-	0.88526	0.88526	-3.027E-16
608	608	636	W	0.	0.	0.
608	608	637	W	0.	0.	0.
608	608	662	W	0.	0.	0.
608	608	661	W	0.	0.	0.
608	608	636	Qm-1	0.	0.	0.
608	608	637	Qm-1	0.	0.	0.
608	608	662	Qm-1	0.	0.	0.
608	608	661	Qm-1	0.	0.	0.
608	608	636	Qm-2	0.	0.	0.
608	608	637	Qm-2	0.	0.	0.
608	608	662	Qm-2	0.	0.	0.
608	608	661	Qm-2	0.	0.	0.
609	609	637	DEAD	0.	0.	0.
609	609	638	DEAD	0.	0.	0.
609	609	663	DEAD	0.	0.	0.
609	609	662	DEAD	0.	0.	0.
609	609	637	G1	0.	0.	0.
609	609	638	G1	0.	0.	0.
609	609	663	G1	0.	0.	0.
609	609	662	G1	0.	0.	0.
609	609	637	G2	0.	0.	0.
609	609	638	G2	0.	0.	0.
609	609	663	G2	0.	0.	0.
609	609	662	G2	0.	0.	0.
609	609	637	Qm	0.	0.	0.
609	609	638	Qm	0.	0.	0.
609	609	663	Qm	0.	0.	0.
609	609	662	Qm	0.	0.	0.
609	609	637	Qs	0.	0.	0.
609	609	638	Qs	0.	0.	0.
609	609	663	Qs	0.	0.	0.
609	609	662	Qs	0.	0.	0.
609	609	637	T+	-0.88526	-0.88526	-1.580E-16
609	609	638	T+	-0.88526	-0.88526	-4.601E-16
609	609	663	T+	-0.88526	-0.88526	-3.313E-17
609	609	662	T+	-0.88526	-0.88526	1.491E-16

Table 27: Element Forces - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	F11	F22	F12
				KN/mm	KN/mm	KN/mm
609	609	637	T-	0.88526	0.88526	1.580E-16
609	609	638	T-	0.88526	0.88526	4.601E-16
609	609	663	T-	0.88526	0.88526	3.313E-17
609	609	662	T-	0.88526	0.88526	-1.491E-16
609	609	637	W	0.	0.	0.
609	609	638	W	0.	0.	0.
609	609	663	W	0.	0.	0.
609	609	662	W	0.	0.	0.
609	609	637	Qm-1	0.	0.	0.
609	609	638	Qm-1	0.	0.	0.
609	609	663	Qm-1	0.	0.	0.
609	609	662	Qm-1	0.	0.	0.
609	609	637	Qm-2	0.	0.	0.
609	609	638	Qm-2	0.	0.	0.
609	609	663	Qm-2	0.	0.	0.
609	609	662	Qm-2	0.	0.	0.
610	610	638	DEAD	0.	0.	0.
610	610	639	DEAD	0.	0.	0.
610	610	664	DEAD	0.	0.	0.
610	610	663	DEAD	0.	0.	0.
610	610	638	G1	0.	0.	0.
610	610	639	G1	0.	0.	0.
610	610	664	G1	0.	0.	0.
610	610	663	G1	0.	0.	0.
610	610	638	G2	0.	0.	0.
610	610	639	G2	0.	0.	0.
610	610	664	G2	0.	0.	0.
610	610	663	G2	0.	0.	0.
610	610	638	Qm	0.	0.	0.
610	610	639	Qm	0.	0.	0.
610	610	664	Qm	0.	0.	0.
610	610	663	Qm	0.	0.	0.
610	610	638	Qs	0.	0.	0.
610	610	639	Qs	0.	0.	0.
610	610	664	Qs	0.	0.	0.
610	610	663	Qs	0.	0.	0.
610	610	638	T+	-0.88526	-0.88526	-2.932E-16
610	610	639	T+	-0.88526	-0.88526	-1.713E-15
610	610	664	T+	-0.88526	-0.88526	3.318E-16
610	610	663	T+	-0.88526	-0.88526	1.592E-15
610	610	638	T-	0.88526	0.88526	2.932E-16
610	610	639	T-	0.88526	0.88526	1.713E-15
610	610	664	T-	0.88526	0.88526	-3.318E-16
610	610	663	T-	0.88526	0.88526	-1.592E-15
610	610	638	W	0.	0.	0.
610	610	639	W	0.	0.	0.
610	610	664	W	0.	0.	0.
610	610	663	W	0.	0.	0.
610	610	638	Qm-1	0.	0.	0.
610	610	639	Qm-1	0.	0.	0.
610	610	664	Qm-1	0.	0.	0.
610	610	663	Qm-1	0.	0.	0.
610	610	638	Qm-2	0.	0.	0.
610	610	639	Qm-2	0.	0.	0.

Table 27: Element Forces - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	F11	F22	F12
				KN/mm	KN/mm	KN/mm
610	610	664	Qm-2	0.	0.	0.
610	610	663	Qm-2	0.	0.	0.
611	611	639	DEAD	0.	0.	0.
611	611	640	DEAD	0.	0.	0.
611	611	665	DEAD	0.	0.	0.
611	611	664	DEAD	0.	0.	0.
611	611	639	G1	0.	0.	0.
611	611	640	G1	0.	0.	0.
611	611	665	G1	0.	0.	0.
611	611	664	G1	0.	0.	0.
611	611	639	G2	0.	0.	0.
611	611	640	G2	0.	0.	0.
611	611	665	G2	0.	0.	0.
611	611	664	G2	0.	0.	0.
611	611	639	Qm	0.	0.	0.
611	611	640	Qm	0.	0.	0.
611	611	665	Qm	0.	0.	0.
611	611	664	Qm	0.	0.	0.
611	611	639	Qs	0.	0.	0.
611	611	640	Qs	0.	0.	0.
611	611	665	Qs	0.	0.	0.
611	611	664	Qs	0.	0.	0.
611	611	639	T+	-0.88526	-0.88526	-3.150E-16
611	611	640	T+	-0.88526	-0.88526	-4.704E-16
611	611	665	T+	-0.88526	-0.88526	1.908E-16
611	611	664	T+	-0.88526	-0.88526	4.261E-16
611	611	639	T-	0.88526	0.88526	3.150E-16
611	611	640	T-	0.88526	0.88526	4.704E-16
611	611	665	T-	0.88526	0.88526	-1.908E-16
611	611	664	T-	0.88526	0.88526	-4.261E-16
611	611	639	W	0.	0.	0.
611	611	640	W	0.	0.	0.
611	611	665	W	0.	0.	0.
611	611	664	W	0.	0.	0.
611	611	639	Qm-1	0.	0.	0.
611	611	640	Qm-1	0.	0.	0.
611	611	665	Qm-1	0.	0.	0.
611	611	664	Qm-1	0.	0.	0.
611	611	639	Qm-2	0.	0.	0.
611	611	640	Qm-2	0.	0.	0.
611	611	665	Qm-2	0.	0.	0.
611	611	664	Qm-2	0.	0.	0.
612	612	640	DEAD	0.	0.	0.
612	612	641	DEAD	0.	0.	0.
612	612	666	DEAD	0.	0.	0.
612	612	665	DEAD	0.	0.	0.
612	612	640	G1	0.	0.	0.
612	612	641	G1	0.	0.	0.
612	612	666	G1	0.	0.	0.
612	612	665	G1	0.	0.	0.
612	612	640	G2	0.	0.	0.
612	612	641	G2	0.	0.	0.
612	612	666	G2	0.	0.	0.
612	612	665	G2	0.	0.	0.

Table 27: Element Forces - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	F11	F22	F12
				KN/mm	KN/mm	KN/mm
612	612	640	Qm	0.	0.	0.
612	612	641	Qm	0.	0.	0.
612	612	666	Qm	0.	0.	0.
612	612	665	Qm	0.	0.	0.
612	612	640	Qs	0.	0.	0.
612	612	641	Qs	0.	0.	0.
612	612	666	Qs	0.	0.	0.
612	612	665	Qs	0.	0.	0.
612	612	640	T+	-0.88526	-0.88526	-6.649E-17
612	612	641	T+	-0.88526	-0.88526	-5.944E-16
612	612	666	T+	-0.88526	-0.88526	-1.768E-16
612	612	665	T+	-0.88526	-0.88526	2.711E-16
612	612	640	T-	0.88526	0.88526	6.649E-17
612	612	641	T-	0.88526	0.88526	5.944E-16
612	612	666	T-	0.88526	0.88526	1.768E-16
612	612	665	T-	0.88526	0.88526	-2.711E-16
612	612	640	W	0.	0.	0.
612	612	641	W	0.	0.	0.
612	612	666	W	0.	0.	0.
612	612	665	W	0.	0.	0.
612	612	640	Qm-1	0.	0.	0.
612	612	641	Qm-1	0.	0.	0.
612	612	666	Qm-1	0.	0.	0.
612	612	665	Qm-1	0.	0.	0.
612	612	640	Qm-2	0.	0.	0.
612	612	641	Qm-2	0.	0.	0.
612	612	666	Qm-2	0.	0.	0.
612	612	665	Qm-2	0.	0.	0.
613	613	641	DEAD	0.	0.	0.
613	613	642	DEAD	0.	0.	0.
613	613	667	DEAD	0.	0.	0.
613	613	666	DEAD	0.	0.	0.
613	613	641	G1	0.	0.	0.
613	613	642	G1	0.	0.	0.
613	613	667	G1	0.	0.	0.
613	613	666	G1	0.	0.	0.
613	613	641	G2	0.	0.	0.
613	613	642	G2	0.	0.	0.
613	613	667	G2	0.	0.	0.
613	613	666	G2	0.	0.	0.
613	613	641	Qm	0.	0.	0.
613	613	642	Qm	0.	0.	0.
613	613	667	Qm	0.	0.	0.
613	613	666	Qm	0.	0.	0.
613	613	641	Qs	0.	0.	0.
613	613	642	Qs	0.	0.	0.
613	613	667	Qs	0.	0.	0.
613	613	666	Qs	0.	0.	0.
613	613	641	T+	-0.88526	-0.88526	-4.476E-17
613	613	642	T+	-0.88526	-0.88526	-3.504E-16
613	613	667	T+	-0.88526	-0.88526	6.486E-17
613	613	666	T+	-0.88526	-0.88526	3.305E-16
613	613	641	T-	0.88526	0.88526	4.476E-17
613	613	642	T-	0.88526	0.88526	3.504E-16

Table 27: Element Forces - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	F11	F22	F12
				KN/mm	KN/mm	KN/mm
613	613	667	T-	0.88526	0.88526	-6.486E-17
613	613	666	T-	0.88526	0.88526	-3.305E-16
613	613	641	W	0.	0.	0.
613	613	642	W	0.	0.	0.
613	613	667	W	0.	0.	0.
613	613	666	W	0.	0.	0.
613	613	641	Qm-1	0.	0.	0.
613	613	642	Qm-1	0.	0.	0.
613	613	667	Qm-1	0.	0.	0.
613	613	666	Qm-1	0.	0.	0.
613	613	641	Qm-2	0.	0.	0.
613	613	642	Qm-2	0.	0.	0.
613	613	667	Qm-2	0.	0.	0.
613	613	666	Qm-2	0.	0.	0.
614	614	642	DEAD	0.	0.	0.
614	614	643	DEAD	0.	0.	0.
614	614	668	DEAD	0.	0.	0.
614	614	667	DEAD	0.	0.	0.
614	614	642	G1	0.	0.	0.
614	614	643	G1	0.	0.	0.
614	614	668	G1	0.	0.	0.
614	614	667	G1	0.	0.	0.
614	614	642	G2	0.	0.	0.
614	614	643	G2	0.	0.	0.
614	614	668	G2	0.	0.	0.
614	614	667	G2	0.	0.	0.
614	614	642	Qm	0.	0.	0.
614	614	643	Qm	0.	0.	0.
614	614	668	Qm	0.	0.	0.
614	614	667	Qm	0.	0.	0.
614	614	642	Qs	0.	0.	0.
614	614	643	Qs	0.	0.	0.
614	614	668	Qs	0.	0.	0.
614	614	667	Qs	0.	0.	0.
614	614	642	T+	-0.88526	-0.88526	-2.393E-17
614	614	643	T+	-0.88526	-0.88526	-3.036E-16
614	614	668	T+	-0.88526	-0.88526	-3.140E-17
614	614	667	T+	-0.88526	-0.88526	2.083E-16
614	614	642	T-	0.88526	0.88526	2.393E-17
614	614	643	T-	0.88526	0.88526	3.036E-16
614	614	668	T-	0.88526	0.88526	3.140E-17
614	614	667	T-	0.88526	0.88526	-2.083E-16
614	614	642	W	0.	0.	0.
614	614	643	W	0.	0.	0.
614	614	668	W	0.	0.	0.
614	614	667	W	0.	0.	0.
614	614	642	Qm-1	0.	0.	0.
614	614	643	Qm-1	0.	0.	0.
614	614	668	Qm-1	0.	0.	0.
614	614	667	Qm-1	0.	0.	0.
614	614	642	Qm-2	0.	0.	0.
614	614	643	Qm-2	0.	0.	0.
614	614	668	Qm-2	0.	0.	0.
614	614	667	Qm-2	0.	0.	0.

Table 27: Element Forces - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	F11	F22	F12
				KN/mm	KN/mm	KN/mm
615	615	643	DEAD	0.	0.	0.
615	615	644	DEAD	0.	0.	0.
615	615	669	DEAD	0.	0.	0.
615	615	668	DEAD	0.	0.	0.
615	615	643	G1	0.	0.	0.
615	615	644	G1	0.	0.	0.
615	615	669	G1	0.	0.	0.
615	615	668	G1	0.	0.	0.
615	615	643	G2	0.	0.	0.
615	615	644	G2	0.	0.	0.
615	615	669	G2	0.	0.	0.
615	615	668	G2	0.	0.	0.
615	615	643	Qm	0.	0.	0.
615	615	644	Qm	0.	0.	0.
615	615	669	Qm	0.	0.	0.
615	615	668	Qm	0.	0.	0.
615	615	643	Qs	0.	0.	0.
615	615	644	Qs	0.	0.	0.
615	615	669	Qs	0.	0.	0.
615	615	668	Qs	0.	0.	0.
615	615	643	T+	-0.88526	-0.88526	-3.002E-17
615	615	644	T+	-0.88526	-0.88526	-6.626E-17
615	615	669	T+	-0.88526	-0.88526	9.314E-17
615	615	668	T+	-0.88526	-0.88526	2.494E-16
615	615	643	T-	0.88526	0.88526	3.002E-17
615	615	644	T-	0.88526	0.88526	6.626E-17
615	615	669	T-	0.88526	0.88526	-9.314E-17
615	615	668	T-	0.88526	0.88526	-2.494E-16
615	615	643	W	0.	0.	0.
615	615	644	W	0.	0.	0.
615	615	669	W	0.	0.	0.
615	615	668	W	0.	0.	0.
615	615	643	Qm-1	0.	0.	0.
615	615	644	Qm-1	0.	0.	0.
615	615	669	Qm-1	0.	0.	0.
615	615	668	Qm-1	0.	0.	0.
615	615	643	Qm-2	0.	0.	0.
615	615	644	Qm-2	0.	0.	0.
615	615	669	Qm-2	0.	0.	0.
615	615	668	Qm-2	0.	0.	0.
616	616	644	DEAD	0.	0.	0.
616	616	645	DEAD	0.	0.	0.
616	616	670	DEAD	0.	0.	0.
616	616	669	DEAD	0.	0.	0.
616	616	644	G1	0.	0.	0.
616	616	645	G1	0.	0.	0.
616	616	670	G1	0.	0.	0.
616	616	669	G1	0.	0.	0.
616	616	644	G2	0.	0.	0.
616	616	645	G2	0.	0.	0.
616	616	670	G2	0.	0.	0.
616	616	669	G2	0.	0.	0.
616	616	644	Qm	0.	0.	0.
616	616	645	Qm	0.	0.	0.

Table 27: Element Forces - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	F11	F22	F12
				KN/mm	KN/mm	KN/mm
616	616	670	Qm	0.	0.	0.
616	616	669	Qm	0.	0.	0.
616	616	644	Qs	0.	0.	0.
616	616	645	Qs	0.	0.	0.
616	616	670	Qs	0.	0.	0.
616	616	669	Qs	0.	0.	0.
616	616	644	T+	-0.88526	-0.88526	8.326E-17
616	616	645	T+	-0.88526	-0.88526	-1.499E-16
616	616	670	T+	-0.88526	-0.88526	-1.386E-16
616	616	669	T+	-0.88526	-0.88526	5.457E-17
616	616	644	T-	0.88526	0.88526	-8.326E-17
616	616	645	T-	0.88526	0.88526	1.499E-16
616	616	670	T-	0.88526	0.88526	1.386E-16
616	616	669	T-	0.88526	0.88526	-5.457E-17
616	616	644	W	0.	0.	0.
616	616	645	W	0.	0.	0.
616	616	670	W	0.	0.	0.
616	616	669	W	0.	0.	0.
616	616	644	Qm-1	0.	0.	0.
616	616	645	Qm-1	0.	0.	0.
616	616	670	Qm-1	0.	0.	0.
616	616	669	Qm-1	0.	0.	0.
616	616	644	Qm-2	0.	0.	0.
616	616	645	Qm-2	0.	0.	0.
616	616	670	Qm-2	0.	0.	0.
616	616	669	Qm-2	0.	0.	0.
617	617	645	DEAD	0.	0.	0.
617	617	646	DEAD	0.	0.	0.
617	617	671	DEAD	0.	0.	0.
617	617	670	DEAD	0.	0.	0.
617	617	645	G1	0.	0.	0.
617	617	646	G1	0.	0.	0.
617	617	671	G1	0.	0.	0.
617	617	670	G1	0.	0.	0.
617	617	645	G2	0.	0.	0.
617	617	646	G2	0.	0.	0.
617	617	671	G2	0.	0.	0.
617	617	670	G2	0.	0.	0.
617	617	645	Qm	0.	0.	0.
617	617	646	Qm	0.	0.	0.
617	617	671	Qm	0.	0.	0.
617	617	670	Qm	0.	0.	0.
617	617	645	Qs	0.	0.	0.
617	617	646	Qs	0.	0.	0.
617	617	671	Qs	0.	0.	0.
617	617	670	Qs	0.	0.	0.
617	617	645	T+	-0.88526	-0.88526	-3.261E-17
617	617	646	T+	-0.88526	-0.88526	-4.408E-16
617	617	671	T+	-0.88526	-0.88526	5.271E-17
617	617	670	T+	-0.88526	-0.88526	4.209E-16
617	617	645	T-	0.88526	0.88526	3.261E-17
617	617	646	T-	0.88526	0.88526	4.408E-16
617	617	671	T-	0.88526	0.88526	-5.271E-17
617	617	670	T-	0.88526	0.88526	-4.209E-16

Table 27: Element Forces - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	F11	F22	F12
				KN/mm	KN/mm	KN/mm
617	617	645	W	0.	0.	0.
617	617	646	W	0.	0.	0.
617	617	671	W	0.	0.	0.
617	617	670	W	0.	0.	0.
617	617	645	Qm-1	0.	0.	0.
617	617	646	Qm-1	0.	0.	0.
617	617	671	Qm-1	0.	0.	0.
617	617	670	Qm-1	0.	0.	0.
617	617	645	Qm-2	0.	0.	0.
617	617	646	Qm-2	0.	0.	0.
617	617	671	Qm-2	0.	0.	0.
617	617	670	Qm-2	0.	0.	0.
618	618	646	DEAD	0.	0.	0.
618	618	647	DEAD	0.	0.	0.
618	618	672	DEAD	0.	0.	0.
618	618	671	DEAD	0.	0.	0.
618	618	646	G1	0.	0.	0.
618	618	647	G1	0.	0.	0.
618	618	672	G1	0.	0.	0.
618	618	671	G1	0.	0.	0.
618	618	646	G2	0.	0.	0.
618	618	647	G2	0.	0.	0.
618	618	672	G2	0.	0.	0.
618	618	671	G2	0.	0.	0.
618	618	646	Qm	0.	0.	0.
618	618	647	Qm	0.	0.	0.
618	618	672	Qm	0.	0.	0.
618	618	671	Qm	0.	0.	0.
618	618	646	Qs	0.	0.	0.
618	618	647	Qs	0.	0.	0.
618	618	672	Qs	0.	0.	0.
618	618	671	Qs	0.	0.	0.
618	618	646	T+	-0.88526	-0.88526	3.817E-17
618	618	647	T+	-0.88526	-0.88526	-2.372E-16
618	618	672	T+	-0.88526	-0.88526	2.481E-16
618	618	671	T+	-0.88526	-0.88526	2.435E-16
618	618	646	T-	0.88526	0.88526	-3.817E-17
618	618	647	T-	0.88526	0.88526	2.372E-16
618	618	672	T-	0.88526	0.88526	-2.481E-16
618	618	671	T-	0.88526	0.88526	-2.435E-16
618	618	646	W	0.	0.	0.
618	618	647	W	0.	0.	0.
618	618	672	W	0.	0.	0.
618	618	671	W	0.	0.	0.
618	618	646	Qm-1	0.	0.	0.
618	618	647	Qm-1	0.	0.	0.
618	618	672	Qm-1	0.	0.	0.
618	618	671	Qm-1	0.	0.	0.
618	618	646	Qm-2	0.	0.	0.
618	618	647	Qm-2	0.	0.	0.
618	618	672	Qm-2	0.	0.	0.
618	618	671	Qm-2	0.	0.	0.
619	619	647	DEAD	0.	0.	0.
619	619	648	DEAD	0.	0.	0.

Table 27: Element Forces - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	F11	F22	F12
				KN/mm	KN/mm	KN/mm
619	619	673	DEAD	0.	0.	0.
619	619	672	DEAD	0.	0.	0.
619	619	647	G1	0.	0.	0.
619	619	648	G1	0.	0.	0.
619	619	673	G1	0.	0.	0.
619	619	672	G1	0.	0.	0.
619	619	647	G2	0.	0.	0.
619	619	648	G2	0.	0.	0.
619	619	673	G2	0.	0.	0.
619	619	672	G2	0.	0.	0.
619	619	647	Qm	0.	0.	0.
619	619	648	Qm	0.	0.	0.
619	619	673	Qm	0.	0.	0.
619	619	672	Qm	0.	0.	0.
619	619	647	Qs	0.	0.	0.
619	619	648	Qs	0.	0.	0.
619	619	673	Qs	0.	0.	0.
619	619	672	Qs	0.	0.	0.
619	619	647	T+	-0.88526	-0.88526	-2.273E-16
619	619	648	T+	-0.88526	-0.88526	-2.299E-15
619	619	673	T+	-0.88526	-0.88526	2.536E-16
619	619	672	T+	-0.88526	-0.88526	2.125E-15
619	619	647	T-	0.88526	0.88526	2.273E-16
619	619	648	T-	0.88526	0.88526	2.299E-15
619	619	673	T-	0.88526	0.88526	-2.536E-16
619	619	672	T-	0.88526	0.88526	-2.125E-15
619	619	647	W	0.	0.	0.
619	619	648	W	0.	0.	0.
619	619	673	W	0.	0.	0.
619	619	672	W	0.	0.	0.
619	619	647	Qm-1	0.	0.	0.
619	619	648	Qm-1	0.	0.	0.
619	619	673	Qm-1	0.	0.	0.
619	619	672	Qm-1	0.	0.	0.
619	619	647	Qm-2	0.	0.	0.
619	619	648	Qm-2	0.	0.	0.
619	619	673	Qm-2	0.	0.	0.
619	619	672	Qm-2	0.	0.	0.
620	620	648	DEAD	0.	0.	0.
620	620	649	DEAD	0.	0.	0.
620	620	674	DEAD	0.	0.	0.
620	620	673	DEAD	0.	0.	0.
620	620	648	G1	0.	0.	0.
620	620	649	G1	0.	0.	0.
620	620	674	G1	0.	0.	0.
620	620	673	G1	0.	0.	0.
620	620	648	G2	0.	0.	0.
620	620	649	G2	0.	0.	0.
620	620	674	G2	0.	0.	0.
620	620	673	G2	0.	0.	0.
620	620	648	Qm	0.	0.	0.
620	620	649	Qm	0.	0.	0.
620	620	674	Qm	0.	0.	0.
620	620	673	Qm	0.	0.	0.

Table 27: Element Forces - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	F11	F22	F12
				KN/mm	KN/mm	KN/mm
620	620	648	Qs	0.	0.	0.
620	620	649	Qs	0.	0.	0.
620	620	674	Qs	0.	0.	0.
620	620	673	Qs	0.	0.	0.
620	620	648	T+	-0.88526	-0.88526	1.542E-16
620	620	649	T+	-0.88526	-0.88526	-1.546E-16
620	620	674	T+	-0.88526	-0.88526	1.290E-16
620	620	673	T+	-0.88526	-0.88526	3.978E-16
620	620	648	T-	0.88526	0.88526	-1.542E-16
620	620	649	T-	0.88526	0.88526	1.546E-16
620	620	674	T-	0.88526	0.88526	-1.290E-16
620	620	673	T-	0.88526	0.88526	-3.978E-16
620	620	648	W	0.	0.	0.
620	620	649	W	0.	0.	0.
620	620	674	W	0.	0.	0.
620	620	673	W	0.	0.	0.
620	620	648	Qm-1	0.	0.	0.
620	620	649	Qm-1	0.	0.	0.
620	620	674	Qm-1	0.	0.	0.
620	620	673	Qm-1	0.	0.	0.
620	620	648	Qm-2	0.	0.	0.
620	620	649	Qm-2	0.	0.	0.
620	620	674	Qm-2	0.	0.	0.
620	620	673	Qm-2	0.	0.	0.
621	621	649	DEAD	0.	0.	0.
621	621	650	DEAD	0.	0.	0.
621	621	675	DEAD	0.	0.	0.
621	621	674	DEAD	0.	0.	0.
621	621	649	G1	0.	0.	0.
621	621	650	G1	0.	0.	0.
621	621	675	G1	0.	0.	0.
621	621	674	G1	0.	0.	0.
621	621	649	G2	0.	0.	0.
621	621	650	G2	0.	0.	0.
621	621	675	G2	0.	0.	0.
621	621	674	G2	0.	0.	0.
621	621	649	Qm	0.	0.	0.
621	621	650	Qm	0.	0.	0.
621	621	675	Qm	0.	0.	0.
621	621	674	Qm	0.	0.	0.
621	621	649	Qs	0.	0.	0.
621	621	650	Qs	0.	0.	0.
621	621	675	Qs	0.	0.	0.
621	621	674	Qs	0.	0.	0.
621	621	649	T+	-0.88526	-0.88526	-7.626E-17
621	621	650	T+	-0.88526	-0.88526	-1.620E-16
621	621	675	T+	-0.88526	-0.88526	-7.981E-18
621	621	674	T+	-0.88526	-0.88526	-2.246E-18
621	621	649	T-	0.88526	0.88526	7.626E-17
621	621	650	T-	0.88526	0.88526	1.620E-16
621	621	675	T-	0.88526	0.88526	7.981E-18
621	621	674	T-	0.88526	0.88526	2.246E-18
621	621	649	W	0.	0.	0.
621	621	650	W	0.	0.	0.

Table 27: Element Forces - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	F11	F22	F12
				KN/mm	KN/mm	KN/mm
621	621	675	W	0.	0.	0.
621	621	674	W	0.	0.	0.
621	621	649	Qm-1	0.	0.	0.
621	621	650	Qm-1	0.	0.	0.
621	621	675	Qm-1	0.	0.	0.
621	621	674	Qm-1	0.	0.	0.
621	621	649	Qm-2	0.	0.	0.
621	621	650	Qm-2	0.	0.	0.
621	621	675	Qm-2	0.	0.	0.
621	621	674	Qm-2	0.	0.	0.
622	622	650	DEAD	0.	0.	0.
622	622	651	DEAD	0.	0.	0.
622	622	676	DEAD	0.	0.	0.
622	622	675	DEAD	0.	0.	0.
622	622	650	G1	0.	0.	0.
622	622	651	G1	0.	0.	0.
622	622	676	G1	0.	0.	0.
622	622	675	G1	0.	0.	0.
622	622	650	G2	0.	0.	0.
622	622	651	G2	0.	0.	0.
622	622	676	G2	0.	0.	0.
622	622	675	G2	0.	0.	0.
622	622	650	Qm	0.	0.	0.
622	622	651	Qm	0.	0.	0.
622	622	676	Qm	0.	0.	0.
622	622	675	Qm	0.	0.	0.
622	622	650	Qs	0.	0.	0.
622	622	651	Qs	0.	0.	0.
622	622	676	Qs	0.	0.	0.
622	622	675	Qs	0.	0.	0.
622	622	650	T+	-0.88526	-0.88526	-1.825E-17
622	622	651	T+	-0.88526	-0.88526	-1.783E-16
622	622	676	T+	-0.88526	-0.88526	-6.599E-17
622	622	675	T+	-0.88526	-0.88526	1.408E-17
622	622	650	T-	0.88526	0.88526	1.825E-17
622	622	651	T-	0.88526	0.88526	1.783E-16
622	622	676	T-	0.88526	0.88526	6.599E-17
622	622	675	T-	0.88526	0.88526	-1.408E-17
622	622	650	W	0.	0.	0.
622	622	651	W	0.	0.	0.
622	622	676	W	0.	0.	0.
622	622	675	W	0.	0.	0.
622	622	650	Qm-1	0.	0.	0.
622	622	651	Qm-1	0.	0.	0.
622	622	676	Qm-1	0.	0.	0.
622	622	675	Qm-1	0.	0.	0.
622	622	650	Qm-2	0.	0.	0.
622	622	651	Qm-2	0.	0.	0.
622	622	676	Qm-2	0.	0.	0.
622	622	675	Qm-2	0.	0.	0.
623	623	651	DEAD	0.	0.	0.
623	623	652	DEAD	0.	0.	0.
623	623	677	DEAD	0.	0.	0.
623	623	676	DEAD	0.	0.	0.

Table 27: Element Forces - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	F11	F22	F12
				KN/mm	KN/mm	KN/mm
623	623	651	G1	0.	0.	0.
623	623	652	G1	0.	0.	0.
623	623	677	G1	0.	0.	0.
623	623	676	G1	0.	0.	0.
623	623	651	G2	0.	0.	0.
623	623	652	G2	0.	0.	0.
623	623	677	G2	0.	0.	0.
623	623	676	G2	0.	0.	0.
623	623	651	Qm	0.	0.	0.
623	623	652	Qm	0.	0.	0.
623	623	677	Qm	0.	0.	0.
623	623	676	Qm	0.	0.	0.
623	623	651	Qs	0.	0.	0.
623	623	652	Qs	0.	0.	0.
623	623	677	Qs	0.	0.	0.
623	623	676	Qs	0.	0.	0.
623	623	651	T+	-0.88526	-0.88526	-1.177E-16
623	623	652	T+	-0.88526	-0.88526	5.552E-16
623	623	677	T+	-0.88526	-0.88526	1.440E-17
623	623	676	T+	-0.88526	-0.88526	-7.785E-16
623	623	651	T-	0.88526	0.88526	1.177E-16
623	623	652	T-	0.88526	0.88526	-5.552E-16
623	623	677	T-	0.88526	0.88526	-1.440E-17
623	623	676	T-	0.88526	0.88526	7.785E-16
623	623	651	W	0.	0.	0.
623	623	652	W	0.	0.	0.
623	623	677	W	0.	0.	0.
623	623	676	W	0.	0.	0.
623	623	651	Qm-1	0.	0.	0.
623	623	652	Qm-1	0.	0.	0.
623	623	677	Qm-1	0.	0.	0.
623	623	676	Qm-1	0.	0.	0.
623	623	651	Qm-2	0.	0.	0.
623	623	652	Qm-2	0.	0.	0.
623	623	677	Qm-2	0.	0.	0.
623	623	676	Qm-2	0.	0.	0.
624	624	652	DEAD	0.	0.	0.
624	624	653	DEAD	0.	0.	0.
624	624	678	DEAD	0.	0.	0.
624	624	677	DEAD	0.	0.	0.
624	624	652	G1	0.	0.	0.
624	624	653	G1	0.	0.	0.
624	624	678	G1	0.	0.	0.
624	624	677	G1	0.	0.	0.
624	624	652	G2	0.	0.	0.
624	624	653	G2	0.	0.	0.
624	624	678	G2	0.	0.	0.
624	624	677	G2	0.	0.	0.
624	624	652	Qm	0.	0.	0.
624	624	653	Qm	0.	0.	0.
624	624	678	Qm	0.	0.	0.
624	624	677	Qm	0.	0.	0.
624	624	652	Qs	0.	0.	0.
624	624	653	Qs	0.	0.	0.

Table 27: Element Forces - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	F11	F22	F12
				KN/mm	KN/mm	KN/mm
624	624	678	Qs	0.	0.	0.
624	624	677	Qs	0.	0.	0.
624	624	652	T+	-0.88526	-0.88526	-1.439E-16
624	624	653	T+	-0.88526	-0.88526	-7.773E-17
624	624	678	T+	-0.88526	-0.88526	-1.143E-16
624	624	677	T+	-0.88526	-0.88526	-1.005E-16
624	624	652	T-	0.88526	0.88526	1.439E-16
624	624	653	T-	0.88526	0.88526	7.773E-17
624	624	678	T-	0.88526	0.88526	1.143E-16
624	624	677	T-	0.88526	0.88526	1.005E-16
624	624	652	W	0.	0.	0.
624	624	653	W	0.	0.	0.
624	624	678	W	0.	0.	0.
624	624	677	W	0.	0.	0.
624	624	652	Qm-1	0.	0.	0.
624	624	653	Qm-1	0.	0.	0.
624	624	678	Qm-1	0.	0.	0.
624	624	677	Qm-1	0.	0.	0.
624	624	652	Qm-2	0.	0.	0.
624	624	653	Qm-2	0.	0.	0.
624	624	678	Qm-2	0.	0.	0.
624	624	677	Qm-2	0.	0.	0.
625	625	653	DEAD	0.	0.	0.
625	625	654	DEAD	0.	0.	0.
625	625	679	DEAD	0.	0.	0.
625	625	678	DEAD	0.	0.	0.
625	625	653	G1	0.	0.	0.
625	625	654	G1	0.	0.	0.
625	625	679	G1	0.	0.	0.
625	625	678	G1	0.	0.	0.
625	625	653	G2	0.	0.	0.
625	625	654	G2	0.	0.	0.
625	625	679	G2	0.	0.	0.
625	625	678	G2	0.	0.	0.
625	625	653	Qm	0.	0.	0.
625	625	654	Qm	0.	0.	0.
625	625	679	Qm	0.	0.	0.
625	625	678	Qm	0.	0.	0.
625	625	653	Qs	0.	0.	0.
625	625	654	Qs	0.	0.	0.
625	625	679	Qs	0.	0.	0.
625	625	678	Qs	0.	0.	0.
625	625	653	T+	-0.88526	-0.88526	-1.087E-16
625	625	654	T+	-0.88526	-0.88526	6.277E-16
625	625	679	T+	-0.88526	-0.88526	1.976E-16
625	625	678	T+	-0.88526	-0.88526	-5.388E-16
625	625	653	T-	0.88526	0.88526	1.087E-16
625	625	654	T-	0.88526	0.88526	-6.277E-16
625	625	679	T-	0.88526	0.88526	-1.976E-16
625	625	678	T-	0.88526	0.88526	5.388E-16
625	625	653	W	0.	0.	0.
625	625	654	W	0.	0.	0.
625	625	679	W	0.	0.	0.
625	625	678	W	0.	0.	0.

Table 27: Element Forces - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	F11	F22	F12
				KN/mm	KN/mm	KN/mm
625	625	653	Qm-1	0.	0.	0.
625	625	654	Qm-1	0.	0.	0.
625	625	679	Qm-1	0.	0.	0.
625	625	678	Qm-1	0.	0.	0.
625	625	653	Qm-2	0.	0.	0.
625	625	654	Qm-2	0.	0.	0.
625	625	679	Qm-2	0.	0.	0.
625	625	678	Qm-2	0.	0.	0.
626	626	654	DEAD	0.	0.	0.
626	626	655	DEAD	0.	0.	0.
626	626	680	DEAD	0.	0.	0.
626	626	679	DEAD	0.	0.	0.
626	626	654	G1	0.	0.	0.
626	626	655	G1	0.	0.	0.
626	626	680	G1	0.	0.	0.
626	626	679	G1	0.	0.	0.
626	626	654	G2	0.	0.	0.
626	626	655	G2	0.	0.	0.
626	626	680	G2	0.	0.	0.
626	626	679	G2	0.	0.	0.
626	626	654	Qm	0.	0.	0.
626	626	655	Qm	0.	0.	0.
626	626	680	Qm	0.	0.	0.
626	626	679	Qm	0.	0.	0.
626	626	654	Qs	0.	0.	0.
626	626	655	Qs	0.	0.	0.
626	626	680	Qs	0.	0.	0.
626	626	679	Qs	0.	0.	0.
626	626	654	T+	-0.88526	-0.88526	1.803E-17
626	626	655	T+	-0.88526	-0.88526	-6.229E-16
626	626	680	T+	-0.88526	-0.88526	1.251E-16
626	626	679	T+	-0.88526	-0.88526	7.661E-16
626	626	654	T-	0.88526	0.88526	-1.803E-17
626	626	655	T-	0.88526	0.88526	6.229E-16
626	626	680	T-	0.88526	0.88526	-1.251E-16
626	626	679	T-	0.88526	0.88526	-7.661E-16
626	626	654	W	0.	0.	0.
626	626	655	W	0.	0.	0.
626	626	680	W	0.	0.	0.
626	626	679	W	0.	0.	0.
626	626	654	Qm-1	0.	0.	0.
626	626	655	Qm-1	0.	0.	0.
626	626	680	Qm-1	0.	0.	0.
626	626	679	Qm-1	0.	0.	0.
626	626	654	Qm-2	0.	0.	0.
626	626	655	Qm-2	0.	0.	0.
626	626	680	Qm-2	0.	0.	0.
626	626	679	Qm-2	0.	0.	0.
627	627	655	DEAD	0.	0.	0.
627	627	656	DEAD	0.	0.	0.
627	627	7	DEAD	0.	0.	0.
627	627	680	DEAD	0.	0.	0.
627	627	655	G1	0.	0.	0.
627	627	656	G1	0.	0.	0.

Table 27: Element Forces - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	F11	F22	F12
				KN/mm	KN/mm	KN/mm
627	627	7	G1	0.	0.	0.
627	627	680	G1	0.	0.	0.
627	627	655	G2	0.	0.	0.
627	627	656	G2	0.	0.	0.
627	627	7	G2	0.	0.	0.
627	627	680	G2	0.	0.	0.
627	627	655	Qm	0.	0.	0.
627	627	656	Qm	0.	0.	0.
627	627	7	Qm	0.	0.	0.
627	627	680	Qm	0.	0.	0.
627	627	655	Qs	0.	0.	0.
627	627	656	Qs	0.	0.	0.
627	627	7	Qs	0.	0.	0.
627	627	680	Qs	0.	0.	0.
627	627	655	T+	-0.88526	-0.88526	-1.619E-17
627	627	656	T+	-0.88526	-0.88526	-2.989E-16
627	627	7	T+	-0.88526	-0.88526	7.999E-17
627	627	680	T+	-0.88526	-0.88526	3.628E-16
627	627	655	T-	0.88526	0.88526	1.619E-17
627	627	656	T-	0.88526	0.88526	2.989E-16
627	627	7	T-	0.88526	0.88526	-7.999E-17
627	627	680	T-	0.88526	0.88526	-3.628E-16
627	627	655	W	0.	0.	0.
627	627	656	W	0.	0.	0.
627	627	7	W	0.	0.	0.
627	627	680	W	0.	0.	0.
627	627	655	Qm-1	0.	0.	0.
627	627	656	Qm-1	0.	0.	0.
627	627	7	Qm-1	0.	0.	0.
627	627	680	Qm-1	0.	0.	0.
627	627	655	Qm-2	0.	0.	0.
627	627	656	Qm-2	0.	0.	0.
627	627	7	Qm-2	0.	0.	0.
627	627	680	Qm-2	0.	0.	0.

Table 27: Element Forces - Area Shells, Part 2 of 3

Table 27: Element Forces - Area Shells, Part 2 of 3

Area	Joint	OutputCase	M11	M22	M12
			KN-mm/mm	KN-mm/mm	KN-mm/mm
3	5	DEAD	0.	0.	0.
3	11	DEAD	0.	0.	0.
3	10	DEAD	0.	0.	0.
3	9	DEAD	0.	0.	0.
3	5	G1	1.693E-09	2.199E-10	-6.327E-09
3	11	G1	2.099E-10	-9.896E-09	-6.682E-09
3	10	G1	-1.480E-08	-1.414E-08	-7.391E-09
3	9	G1	-1.362E-08	1.808E-09	-7.037E-09
3	5	G2	0.0014	0.0023	0.0963
3	11	G2	-0.0035	0.1712	0.0942
3	10	G2	0.2396	0.2662	0.0956
3	9	G2	0.1536	-0.0037	0.0977
3	5	Qm	0.004	0.0035	-0.0396

Table 27: Element Forces - Area Shells, Part 2 of 3

Area	Joint	OutputCase	M11	M22	M12
			KN-mm/mm	KN-mm/mm	KN-mm/mm
3	11	Qm	-0.0025	-0.0971	-0.0484
3	10	Qm	-0.0138	-0.0605	-0.0595
3	9	Qm	-0.042	-0.0026	-0.0508
3	5	Qs	5.733E-11	-5.086E-11	-2.453E-10
3	11	Qs	1.395E-10	-3.847E-10	-3.280E-10
3	10	Qs	-9.180E-10	-6.050E-10	-3.562E-10
3	9	Qs	-8.081E-10	-2.381E-12	-3.502E-10
3	5	T+	0.	0.	0.
3	11	T+	0.	0.	0.
3	10	T+	0.	0.	0.
3	9	T+	0.	0.	0.
3	5	T-	0.	0.	0.
3	11	T-	0.	0.	0.
3	10	T-	0.	0.	0.
3	9	T-	0.	0.	0.
3	5	W	-1.8661	-0.6364	-2.0986
3	11	W	1.6744	-3.9617	-2.7104
3	10	W	-14.7235	-4.073	1.4054
3	9	W	10.3684	1.5786	2.0172
3	5	Qm-1	0.0057	0.0036	-0.0492
3	11	Qm-1	-0.0031	-0.1367	-0.0577
3	10	Qm-1	0.0012	-0.0981	-0.0744
3	9	Qm-1	-0.041	-0.003	-0.066
3	5	Qm-2	0.002	0.0027	-0.0222
3	11	Qm-2	-0.0011	-0.0511	-0.0304
3	10	Qm-2	-0.0446	-0.0286	-0.036
3	9	Qm-2	-0.0584	-0.0012	-0.0278
4	11	DEAD	0.	0.	0.
4	13	DEAD	0.	0.	0.
4	12	DEAD	0.	0.	0.
4	10	DEAD	0.	0.	0.
4	11	G1	-2.146E-10	-9.924E-09	-6.942E-09
4	13	G1	-1.805E-09	-2.394E-08	-7.296E-09
4	12	G1	-1.077E-08	-2.225E-08	-8.006E-09
4	10	G1	-1.355E-08	-1.353E-08	-7.651E-09
4	11	G2	-0.0043	0.1677	0.0711
4	13	G2	0.004	0.0096	0.0781
4	12	G2	0.0279	-0.0713	0.0998
4	10	G2	0.2401	0.2689	0.0929
4	11	Qm	-0.0021	-0.0951	-0.0686
4	13	Qm	-2.908E-04	-0.0966	-0.085
4	12	Qm	-0.0148	-0.0573	-0.0851
4	10	Qm	-0.0138	-0.0607	-0.0687
4	11	Qs	1.475E-10	-2.556E-10	-2.368E-10
4	13	Qs	-9.892E-11	-1.309E-09	-2.611E-10
4	12	Qs	-5.922E-10	-1.162E-09	-2.368E-10
4	10	Qs	-9.745E-10	-8.327E-10	-3.276E-10
4	11	T+	0.	0.	0.
4	13	T+	0.	0.	0.
4	12	T+	0.	0.	0.
4	10	T+	0.	0.	0.
4	11	T-	0.	0.	0.
4	13	T-	0.	0.	0.
4	12	T-	0.	0.	0.

Table 27: Element Forces - Area Shells, Part 2 of 3

Area	Joint	OutputCase	M11	M22	M12
			KN-mm/mm	KN-mm/mm	KN-mm/mm
4	10	T-	0.	0.	0.
4	11	W	1.6645	-4.0111	-0.0039
4	13	W	-1.0352	0.525	-0.4705
4	12	W	6.3967	1.0099	-3.9073
4	10	W	-14.7183	-4.0467	-3.4408
4	11	Qm-1	-0.0028	-0.1351	-0.078
4	13	Qm-1	-1.045E-04	-0.1681	-0.0932
4	12	Qm-1	0.0073	-0.13	-0.0977
4	10	Qm-1	0.0012	-0.098	-0.0825
4	11	Qm-2	-8.817E-04	-0.05	-0.0443
4	13	Qm-2	-1.348E-05	-0.0586	-0.0566
4	12	Qm-2	-0.0415	-0.0376	-0.0582
4	10	Qm-2	-0.0446	-0.0289	-0.0459
5	13	DEAD	0.	0.	0.
5	15	DEAD	0.	0.	0.
5	14	DEAD	0.	0.	0.
5	12	DEAD	0.	0.	0.
5	13	G1	-2.334E-09	-2.183E-08	-8.150E-09
5	15	G1	3.007E-09	-3.299E-08	-8.859E-09
5	14	G1	-1.249E-08	-3.322E-08	-1.028E-08
5	12	G1	-1.122E-08	-2.222E-08	-9.569E-09
5	13	G2	0.0032	0.0056	0.113
5	15	G2	-6.928E-04	-0.1993	0.1237
5	14	G2	-0.0449	-0.1837	0.1264
5	12	G2	0.0291	-0.0651	0.1157
5	13	Qm	-1.340E-04	-0.0958	-0.1062
5	15	Qm	-4.677E-04	-0.0481	-0.1266
5	14	Qm	-0.0252	0.0032	-0.1199
5	12	Qm	-0.0147	-0.0569	-0.0995
5	13	Qs	-5.526E-11	-1.194E-09	-2.500E-10
5	15	Qs	4.409E-11	-1.726E-09	-2.722E-10
5	14	Qs	-6.870E-10	-1.826E-09	-3.387E-10
5	12	Qs	-7.095E-10	-1.371E-09	-3.165E-10
5	13	T+	0.	0.	0.
5	15	T+	0.	0.	0.
5	14	T+	0.	0.	0.
5	12	T+	0.	0.	0.
5	13	T-	0.	0.	0.
5	15	T-	0.	0.	0.
5	14	T-	0.	0.	0.
5	12	T-	0.	0.	0.
5	13	W	-1.0838	0.2817	-2.3926
5	15	W	0.4251	1.6557	-1.9976
5	14	W	0.9483	0.5788	-1.1376
5	12	W	6.4079	1.0658	-1.5326
5	13	Qm-1	-7.110E-05	-0.1679	-0.1124
5	15	Qm-1	-4.225E-04	-0.15	-0.1297
5	14	Qm-1	0.0043	-0.103	-0.1272
5	12	Qm-1	0.0075	-0.1292	-0.1098
5	13	Qm-2	-2.716E-05	-0.0586	-0.07
5	15	Qm-2	-8.401E-05	-0.0513	-0.0826
5	14	Qm-2	-0.0407	-0.0283	-0.0821
5	12	Qm-2	-0.0414	-0.0373	-0.0694
6	15	DEAD	0.	0.	0.

Table 27: Element Forces - Area Shells, Part 2 of 3

Area	Joint	OutputCase	M11	M22	M12
			KN-mm/mm	KN-mm/mm	KN-mm/mm
6	17	DEAD	0.	0.	0.
6	16	DEAD	0.	0.	0.
6	14	DEAD	0.	0.	0.
6	15	G1	7.668E-10	-3.138E-08	-1.035E-08
6	17	G1	4.482E-09	-3.365E-08	-1.106E-08
6	16	G1	-1.364E-08	-3.852E-08	-1.177E-08
6	14	G1	-9.217E-09	-2.873E-08	-1.106E-08
6	15	G2	8.509E-04	-0.1916	0.1219
6	17	G2	-3.211E-04	-0.3097	0.1119
6	16	G2	-0.0707	-0.288	0.1083
6	14	G2	-0.0459	-0.1888	0.1183
6	15	Qm	-1.917E-04	-0.0467	-0.1514
6	17	Qm	-1.471E-04	0.0357	-0.1775
6	16	Qm	-0.0375	0.0982	-0.1675
6	14	Qm	-0.0252	0.0032	-0.1415
6	15	Qs	3.026E-11	-1.849E-09	-3.140E-10
6	17	Qs	1.562E-10	-2.017E-09	-3.362E-10
6	16	Qs	-6.125E-10	-2.137E-09	-4.027E-10
6	14	Qs	-7.193E-10	-1.873E-09	-3.805E-10
6	15	T+	0.	0.	0.
6	17	T+	0.	0.	0.
6	16	T+	0.	0.	0.
6	14	T+	0.	0.	0.
6	15	T-	0.	0.	0.
6	17	T-	0.	0.	0.
6	16	T-	0.	0.	0.
6	14	T-	0.	0.	0.
6	15	W	0.4201	1.6307	-1.0804
6	17	W	-0.15	1.7939	-0.6387
6	16	W	1.9337	1.2223	-0.6916
6	14	W	0.9536	0.6054	-1.1333
6	15	Qm-1	-2.763E-04	-0.1492	-0.1503
6	17	Qm-1	-1.175E-04	-0.0933	-0.1709
6	16	Qm-1	4.977E-04	-0.0397	-0.1652
6	14	Qm-1	0.0044	-0.1029	-0.1446
6	15	Qm-2	-7.488E-05	-0.0513	-0.0959
6	17	Qm-2	1.763E-05	-0.0337	-0.109
6	16	Qm-2	-0.0394	-0.0101	-0.1078
6	14	Qm-2	-0.0407	-0.0282	-0.0947
7	17	DEAD	0.	0.	0.
7	19	DEAD	0.	0.	0.
7	18	DEAD	0.	0.	0.
7	16	DEAD	0.	0.	0.
7	17	G1	2.999E-09	-3.358E-08	-1.178E-08
7	19	G1	-3.967E-09	-3.765E-08	-1.320E-08
7	18	G1	-3.562E-09	-3.128E-08	-1.320E-08
7	16	G1	-1.257E-08	-3.703E-08	-1.178E-08
7	17	G2	3.687E-05	-0.3079	0.0983
7	19	G2	-9.110E-05	-0.3828	0.0827
7	18	G2	-0.0802	-0.3576	0.0787
7	16	G2	-0.0709	-0.2888	0.0942
7	17	Qm	8.564E-05	0.0368	-0.2065
7	19	Qm	6.862E-05	0.1401	-0.2372
7	18	Qm	-0.0446	0.21	-0.2268

Table 27: Element Forces - Area Shells, Part 2 of 3

Area	Joint	OutputCase	M11	M22	M12
			KN-mm/mm	KN-mm/mm	KN-mm/mm
7	16	Qm	-0.0375	0.0983	-0.196
7	17	Qs	2.171E-10	-1.836E-09	-3.839E-10
7	19	Qs	-1.341E-10	-2.405E-09	-3.839E-10
7	18	Qs	-4.922E-10	-2.457E-09	-3.839E-10
7	16	Qs	-5.442E-10	-2.061E-09	-3.839E-10
7	17	T+	0.	0.	0.
7	19	T+	0.	0.	0.
7	18	T+	0.	0.	0.
7	16	T+	0.	0.	0.
7	17	T-	0.	0.	0.
7	19	T-	0.	0.	0.
7	18	T-	0.	0.	0.
7	16	T-	0.	0.	0.
7	17	W	-0.148	1.8038	-0.2785
7	19	W	0.1179	2.0715	0.1311
7	18	W	1.4472	1.3725	0.1945
7	16	W	1.9329	1.2184	-0.2152
7	17	Qm-1	-1.665E-05	-0.0928	-0.1935
7	19	Qm-1	3.369E-08	-0.0102	-0.2163
7	18	Qm-1	0.0015	0.0465	-0.2095
7	16	Qm-1	5.172E-04	-0.0396	-0.1867
7	17	Qm-2	-5.658E-06	-0.0338	-0.122
7	19	Qm-2	5.607E-05	-0.0101	-0.1348
7	18	Qm-2	-0.0359	0.0124	-0.1337
7	16	Qm-2	-0.0393	-0.01	-0.1209
8	19	DEAD	0.	0.	0.
8	21	DEAD	0.	0.	0.
8	20	DEAD	0.	0.	0.
8	18	DEAD	0.	0.	0.
8	19	G1	-2.925E-09	-3.411E-08	-1.398E-08
8	21	G1	1.998E-09	-3.586E-08	-1.433E-08
8	20	G1	-1.113E-08	-4.107E-08	-1.469E-08
8	18	G1	-5.760E-09	-3.209E-08	-1.433E-08
8	19	G2	-3.262E-05	-0.3826	0.0657
8	21	G2	-8.842E-05	-0.4186	0.0492
8	20	G2	-0.0787	-0.3963	0.0458
8	18	G2	-0.0802	-0.3577	0.0623
8	19	Qm	1.519E-04	0.1405	-0.2689
8	21	Qm	2.333E-04	0.256	-0.3015
8	20	Qm	-0.0412	0.3259	-0.2926
8	18	Qm	-0.0446	0.2101	-0.26
8	19	Qs	-1.758E-11	-2.073E-09	-2.815E-10
8	21	Qs	2.892E-11	-2.567E-09	-2.372E-10
8	20	Qs	-5.551E-10	-2.633E-09	-2.815E-10
8	18	Qs	-4.864E-10	-2.484E-09	-3.259E-10
8	19	T+	0.	0.	0.
8	21	T+	0.	0.	0.
8	20	T+	0.	0.	0.
8	18	T+	0.	0.	0.
8	19	T-	0.	0.	0.
8	21	T-	0.	0.	0.
8	20	T-	0.	0.	0.
8	18	T-	0.	0.	0.
8	19	W	0.1166	2.0648	0.6151

Table 27: Element Forces - Area Shells, Part 2 of 3

Area	Joint	OutputCase	M11	M22	M12
			KN-mm/mm	KN-mm/mm	KN-mm/mm
8	21	W	-0.2433	2.1781	1.0439
8	20	W	2.3134	1.5861	0.952
8	18	W	1.448	1.3763	0.5232
8	19	Qm-1	-6.721E-06	-0.0102	-0.2396
8	21	Qm-1	1.115E-04	0.0917	-0.2625
8	20	Qm-1	0.0099	0.1471	-0.2558
8	18	Qm-1	0.0015	0.0466	-0.2329
8	19	Qm-2	-1.787E-05	-0.0105	-0.147
8	21	Qm-2	9.472E-05	0.0177	-0.1586
8	20	Qm-2	-0.0295	0.0372	-0.1578
8	18	Qm-2	-0.0358	0.0125	-0.1462
9	21	DEAD	0.	0.	0.
9	23	DEAD	0.	0.	0.
9	22	DEAD	0.	0.	0.
9	20	DEAD	0.	0.	0.
9	21	G1	2.556E-09	-3.837E-08	-1.450E-08
9	23	G1	6.403E-10	-3.562E-08	-1.495E-08
9	22	G1	-4.936E-09	-3.434E-08	-1.663E-08
9	20	G1	-9.778E-09	-3.771E-08	-1.495E-08
9	21	G2	-3.098E-04	-0.4197	0.0333
9	23	G2	6.039E-04	-0.4088	0.0204
9	22	G2	-0.0637	-0.399	0.0174
9	20	G2	-0.0786	-0.3958	0.0304
9	21	Qm	9.931E-05	0.2553	-0.3328
9	23	Qm	2.657E-04	0.3822	-0.3631
9	22	Qm	-0.0248	0.4437	-0.3563
9	20	Qm	-0.0412	0.326	-0.326
9	21	Qs	-6.487E-11	-2.791E-09	-2.709E-10
9	23	Qs	1.714E-10	-2.505E-09	-3.153E-10
9	22	Qs	-4.278E-10	-2.744E-09	-3.817E-10
9	20	Qs	-4.769E-10	-2.555E-09	-3.374E-10
9	21	T+	0.	0.	0.
9	23	T+	0.	0.	0.
9	22	T+	0.	0.	0.
9	20	T+	0.	0.	0.
9	21	T-	0.	0.	0.
9	23	T-	0.	0.	0.
9	22	T-	0.	0.	0.
9	20	T-	0.	0.	0.
9	21	W	-0.2478	2.1556	1.3804
9	23	W	0.7449	2.3982	1.8809
9	22	W	0.5408	1.0284	2.0302
9	20	W	2.3152	1.5953	1.5298
9	21	Qm-1	-2.774E-05	0.091	-0.2844
9	23	Qm-1	1.817E-04	0.2089	-0.3049
9	22	Qm-1	0.0268	0.2587	-0.299
9	20	Qm-1	0.0099	0.1473	-0.2784
9	21	Qm-2	-4.171E-05	0.017	-0.169
9	23	Qm-2	1.292E-04	0.0505	-0.1783
9	22	Qm-2	-0.0194	0.0648	-0.1778
9	20	Qm-2	-0.0294	0.0374	-0.1686
10	23	DEAD	0.	0.	0.
10	25	DEAD	0.	0.	0.
10	24	DEAD	0.	0.	0.

Table 27: Element Forces - Area Shells, Part 2 of 3

Area	Joint	OutputCase	M11	M22	M12
			KN-mm/mm	KN-mm/mm	KN-mm/mm
10	22	DEAD	0.	0.	0.
10	23	G1	2.901E-09	-3.409E-08	-1.717E-08
10	25	G1	6.866E-10	-3.955E-08	-1.704E-08
10	24	G1	-8.404E-09	-4.380E-08	-1.682E-08
10	22	G1	-4.500E-09	-3.357E-08	-1.633E-08
10	23	G2	-7.279E-04	-0.4155	0.0133
10	25	G2	0.0027	-0.3106	0.0179
10	24	G2	-0.0051	-0.3677	0.0107
10	22	G2	-0.0628	-0.3945	0.0061
10	23	Qm	-9.270E-05	0.3804	-0.3902
10	25	Qm	1.704E-04	0.5271	-0.4139
10	24	Qm	0.0036	0.5729	-0.4083
10	22	Qm	-0.0248	0.4439	-0.3847
10	23	Qs	2.203E-10	-2.431E-09	-3.532E-10
10	25	Qs	1.495E-10	-3.070E-09	-2.623E-10
10	24	Qs	-6.858E-10	-3.237E-09	-2.867E-10
10	22	Qs	-4.518E-10	-2.818E-09	-2.623E-10
10	23	T+	0.	0.	0.
10	25	T+	0.	0.	0.
10	24	T+	0.	0.	0.
10	22	T+	0.	0.	0.
10	23	T-	0.	0.	0.
10	25	T-	0.	0.	0.
10	24	T-	0.	0.	0.
10	22	T-	0.	0.	0.
10	23	W	0.7573	2.4605	3.2596
10	25	W	-1.9079	0.2988	3.6274
10	24	W	10.4915	2.4583	2.0791
10	22	W	0.5292	0.9701	1.7113
10	23	Qm-1	-7.402E-05	0.2077	-0.3233
10	25	Qm-1	1.295E-04	0.3398	-0.3393
10	24	Qm-1	0.0519	0.3812	-0.334
10	22	Qm-1	0.0269	0.259	-0.3179
10	23	Qm-2	-7.848E-05	0.0495	-0.1858
10	25	Qm-2	1.397E-04	0.0911	-0.1914
10	24	Qm-2	-0.0048	0.0977	-0.1914
10	22	Qm-2	-0.0194	0.065	-0.1857
11	25	DEAD	0.	0.	0.
11	27	DEAD	0.	0.	0.
11	26	DEAD	0.	0.	0.
11	24	DEAD	0.	0.	0.
11	25	G1	1.003E-09	-4.236E-08	-1.654E-08
11	27	G1	9.049E-10	-4.413E-08	-1.676E-08
11	26	G1	-1.101E-08	-4.392E-08	-1.725E-08
11	24	G1	-9.070E-09	-4.399E-08	-1.641E-08
11	25	G2	0.0041	-0.3035	0.0416
11	27	G2	-0.0062	-0.2416	0.0346
11	26	G2	0.1685	-0.103	0.0142
11	24	G2	-0.0068	-0.376	0.0212
11	25	Qm	-3.547E-04	0.5245	-0.4335
11	27	Qm	-1.212E-05	0.7056	-0.4474
11	26	Qm	0.0403	0.7323	-0.441
11	24	Qm	0.0037	0.5733	-0.4271
11	25	Qs	1.811E-10	-3.131E-09	-2.705E-10

Table 27: Element Forces - Area Shells, Part 2 of 3

Area	Joint	OutputCase	M11	M22	M12
			KN-mm/mm	KN-mm/mm	KN-mm/mm
11	27	Qs	-4.621E-11	-3.497E-09	-2.018E-10
11	26	Qs	-6.418E-10	-3.588E-09	-2.926E-10
11	24	Qs	-8.608E-10	-3.380E-09	-2.461E-10
11	25	T+	0.	0.	0.
11	27	T+	0.	0.	0.
11	26	T+	0.	0.	0.
11	24	T+	0.	0.	0.
11	25	T-	0.	0.	0.
11	27	T-	0.	0.	0.
11	26	T-	0.	0.	0.
11	24	T-	0.	0.	0.
11	25	W	-1.8075	0.8005	-0.4856
11	27	W	2.5654	-7.9704	-1.9059
11	26	W	-29.4624	-6.6516	4.7618
11	24	W	10.4697	2.349	6.1821
11	25	Qm-1	-1.585E-04	0.3384	-0.3525
11	27	Qm-1	2.152E-04	0.4799	-0.3632
11	26	Qm-1	0.0817	0.5148	-0.358
11	24	Qm-1	0.052	0.3814	-0.3473
11	25	Qm-2	-1.176E-04	0.0899	-0.1948
11	27	Qm-2	-2.325E-05	0.1436	-0.1957
11	26	Qm-2	0.0139	0.1415	-0.1955
11	24	Qm-2	-0.0048	0.0979	-0.1947
12	27	DEAD	0.	0.	0.
12	29	DEAD	0.	0.	0.
12	28	DEAD	0.	0.	0.
12	26	DEAD	0.	0.	0.
12	27	G1	5.457E-10	-4.272E-08	-1.702E-08
12	29	G1	-2.186E-09	-4.667E-08	-1.654E-08
12	28	G1	-7.124E-09	-4.914E-08	-1.738E-08
12	26	G1	-9.767E-09	-4.627E-08	-1.725E-08
12	27	G2	-0.0062	-0.2415	-0.0133
12	29	G2	0.004	-0.4005	-0.0206
12	28	G2	-0.0107	-0.4716	-0.0075
12	26	G2	0.1684	-0.1031	-1.097E-04
12	27	Qm	-5.904E-04	0.7027	-0.4577
12	29	Qm	-2.369E-04	0.9335	-0.4608
12	28	Qm	0.0799	0.9427	-0.4507
12	26	Qm	0.0404	0.7327	-0.4476
12	27	Qs	9.994E-11	-3.414E-09	-2.410E-10
12	29	Qs	-8.532E-11	-3.618E-09	-1.301E-10
12	28	Qs	-7.174E-10	-4.242E-09	-1.301E-10
12	26	Qs	-8.057E-10	-3.563E-09	-2.410E-10
12	27	T+	0.	0.	0.
12	29	T+	0.	0.	0.
12	28	T+	0.	0.	0.
12	26	T+	0.	0.	0.
12	27	T-	0.	0.	0.
12	29	T-	0.	0.	0.
12	28	T-	0.	0.	0.
12	26	T-	0.	0.	0.
12	27	W	2.5647	-7.9736	2.1289
12	29	W	-1.8	1.3974	0.7192
12	28	W	10.5493	2.9057	-5.9186

Table 27: Element Forces - Area Shells, Part 2 of 3

Area	Joint	OutputCase	M11	M22	M12
			KN-mm/mm	KN-mm/mm	KN-mm/mm
12	26	W	-29.4622	-6.6504	-4.5088
12	27	Qm-1	1.527E-04	0.4796	-0.372
12	29	Qm-1	-0.001	0.6073	-0.3808
12	28	Qm-1	0.1067	0.6523	-0.3747
12	26	Qm-1	0.0816	0.5145	-0.3659
12	27	Qm-2	-1.472E-04	0.1429	-0.1951
12	29	Qm-2	-6.552E-04	0.2064	-0.1925
12	28	Qm-2	0.0283	0.2041	-0.1901
12	26	Qm-2	0.0138	0.141	-0.1928
13	29	DEAD	0.	0.	0.
13	31	DEAD	0.	0.	0.
13	30	DEAD	0.	0.	0.
13	28	DEAD	0.	0.	0.
13	29	G1	-3.025E-09	-4.467E-08	-1.528E-08
13	31	G1	5.549E-09	-5.029E-08	-1.528E-08
13	30	G1	-1.318E-08	-4.862E-08	-1.564E-08
13	28	G1	-5.933E-09	-5.237E-08	-1.564E-08
13	29	G2	0.0027	-0.4073	0.0021
13	31	G2	-8.045E-04	-0.6047	0.0056
13	30	G2	-0.0702	-0.5815	0.0059
13	28	G2	-0.009	-0.4634	0.0024
13	29	Qm	-6.871E-04	0.9312	-0.4618
13	31	Qm	-4.504E-04	1.2159	-0.4565
13	30	Qm	0.1156	1.2179	-0.4406
13	28	Qm	0.0799	0.943	-0.4459
13	29	Qs	-1.585E-10	-3.900E-09	-2.434E-11
13	31	Qs	2.788E-10	-4.008E-09	-2.174E-12
13	30	Qs	-8.845E-10	-4.271E-09	-9.084E-11
13	28	Qs	-7.075E-10	-4.086E-09	-1.130E-10
13	29	T+	0.	0.	0.
13	31	T+	0.	0.	0.
13	30	T+	0.	0.	0.
13	28	T+	0.	0.	0.
13	29	T-	0.	0.	0.
13	31	T-	0.	0.	0.
13	30	T-	0.	0.	0.
13	28	T-	0.	0.	0.
13	29	W	-1.9018	0.8885	-3.3691
13	31	W	0.7345	3.6327	-2.9676
13	30	W	0.7543	2.0751	-1.3965
13	28	W	10.5717	3.0179	-1.7979
13	29	Qm-1	-1.270E-04	0.6118	-0.3928
13	31	Qm-1	0.001	0.6425	-0.4158
13	30	Qm-1	0.0918	0.7537	-0.4075
13	28	Qm-1	0.1063	0.6503	-0.3845
13	29	Qm-2	-4.726E-04	0.2073	-0.1919
13	31	Qm-2	5.009E-04	0.2536	-0.1936
13	30	Qm-2	0.0211	0.2744	-0.1874
13	28	Qm-2	0.0284	0.2045	-0.1858
14	31	DEAD	0.	0.	0.
14	33	DEAD	0.	0.	0.
14	32	DEAD	0.	0.	0.
14	30	DEAD	0.	0.	0.
14	31	G1	4.776E-09	-5.065E-08	-1.705E-08

Table 27: Element Forces - Area Shells, Part 2 of 3

Area	Joint	OutputCase	M11	M22	M12
			KN-mm/mm	KN-mm/mm	KN-mm/mm
14	33	G1	-1.618E-09	-5.072E-08	-1.811E-08
14	32	G1	-8.257E-09	-5.091E-08	-1.776E-08
14	30	G1	-1.261E-08	-4.930E-08	-1.670E-08
14	31	G2	5.582E-04	-0.5979	-0.0032
14	33	G2	-3.629E-04	-0.6914	-0.0178
14	32	G2	-0.0888	-0.6652	-0.0211
14	30	G2	-0.0711	-0.5861	-0.0065
14	31	Qm	-6.291E-04	1.215	-0.4515
14	33	Qm	-4.618E-05	1.5335	-0.4436
14	32	Qm	0.1401	1.5437	-0.422
14	30	Qm	0.1157	1.2185	-0.4298
14	31	Qs	2.475E-10	-4.082E-09	-9.895E-11
14	33	Qs	-1.203E-10	-3.705E-09	-1.211E-10
14	32	Qs	-7.722E-10	-3.993E-09	-5.462E-11
14	30	Qs	-8.075E-10	-4.082E-09	-3.245E-11
14	31	T+	0.	0.	0.
14	33	T+	0.	0.	0.
14	32	T+	0.	0.	0.
14	30	T+	0.	0.	0.
14	31	T-	0.	0.	0.
14	33	T-	0.	0.	0.
14	32	T-	0.	0.	0.
14	30	T-	0.	0.	0.
14	31	W	0.7203	3.5619	-1.5432
14	33	W	-0.1599	3.8922	-0.9817
14	32	W	2.5163	3.1667	-1.1062
14	30	W	0.7666	2.1366	-1.6677
14	31	Qm-1	0.0016	0.6453	-0.4439
14	33	Qm-1	0.0046	0.4576	-0.4902
14	32	Qm-1	0.0737	0.5977	-0.5014
14	30	Qm-1	0.093	0.7598	-0.4551
14	31	Qm-2	7.449E-04	0.2548	-0.1971
14	33	Qm-2	8.574E-04	0.2468	-0.2057
14	32	Qm-2	0.0175	0.2749	-0.2053
14	30	Qm-2	0.0213	0.2754	-0.1967
15	33	DEAD	0.	0.	0.
15	35	DEAD	0.	0.	0.
15	34	DEAD	0.	0.	0.
15	32	DEAD	0.	0.	0.
15	33	G1	-2.136E-09	-4.879E-08	-1.777E-08
15	35	G1	1.297E-09	-5.971E-08	-1.884E-08
15	34	G1	-9.229E-09	-6.085E-08	-1.990E-08
15	32	G1	-7.747E-09	-4.748E-08	-1.884E-08
15	33	G2	-1.469E-04	-0.6903	-0.0359
15	35	G2	-1.907E-04	-0.721	-0.0538
15	34	G2	-0.0912	-0.6952	-0.0559
15	32	G2	-0.0889	-0.6657	-0.0379
15	33	Qm	-2.309E-05	1.5336	-0.4368
15	35	Qm	5.079E-04	1.8429	-0.4311
15	34	Qm	0.1592	1.8645	-0.4089
15	32	Qm	0.1402	1.5445	-0.4146
15	33	Qs	4.967E-11	-3.400E-09	-4.182E-11
15	35	Qs	-1.440E-11	-3.987E-09	-6.399E-11
15	34	Qs	-7.455E-10	-3.918E-09	-8.615E-11

Table 27: Element Forces - Area Shells, Part 2 of 3

Area	Joint	OutputCase	M11	M22	M12
			KN-mm/mm	KN-mm/mm	KN-mm/mm
15	32	Qs	-7.486E-10	-3.668E-09	-6.399E-11
15	33	T+	0.	0.	0.
15	35	T+	0.	0.	0.
15	34	T+	0.	0.	0.
15	32	T+	0.	0.	0.
15	33	T-	0.	0.	0.
15	35	T-	0.	0.	0.
15	34	T-	0.	0.	0.
15	32	T-	0.	0.	0.
15	33	W	-0.1583	3.9006	-0.5223
15	35	W	-0.1581	4.2133	0.0082
15	34	W	2.5255	3.4734	0.0321
15	32	W	2.516	3.1654	-0.4985
15	33	Qm-1	0.0042	0.4555	-0.5191
15	35	Qm-1	0.0017	0.0016	-0.5575
15	34	Qm-1	0.1353	0.0843	-0.6101
15	32	Qm-1	0.0737	0.598	-0.5717
15	33	Qm-2	7.886E-04	0.2464	-0.2105
15	35	Qm-2	7.687E-04	0.1656	-0.2178
15	34	Qm-2	0.0267	0.1809	-0.227
15	32	Qm-2	0.0175	0.2749	-0.2197
16	35	DEAD	0.	0.	0.
16	37	DEAD	0.	0.	0.
16	36	DEAD	0.	0.	0.
16	34	DEAD	0.	0.	0.
16	35	G1	3.085E-10	-5.947E-08	-1.951E-08
16	37	G1	-2.802E-09	-7.304E-08	-1.951E-08
16	36	G1	-7.449E-09	-7.698E-08	-2.022E-08
16	34	G1	-9.407E-09	-5.926E-08	-2.022E-08
16	35	G2	-3.421E-04	-0.7217	-0.0725
16	37	G2	4.926E-04	-0.6875	-0.0882
16	36	G2	-0.078	-0.6731	-0.0887
16	34	G2	-0.0911	-0.6949	-0.0731
16	35	Qm	5.211E-04	1.8429	-0.4239
16	37	Qm	6.167E-04	2.0957	-0.4193
16	36	Qm	0.1798	2.1192	-0.4025
16	34	Qm	0.1593	1.8649	-0.4071
16	35	Qs	1.693E-11	-3.701E-09	-1.339E-10
16	37	Qs	-4.140E-11	-3.611E-09	-8.958E-11
16	36	Qs	-7.672E-10	-3.698E-09	-4.525E-11
16	34	Qs	-8.144E-10	-4.085E-09	-8.958E-11
16	35	T+	0.	0.	0.
16	37	T+	0.	0.	0.
16	36	T+	0.	0.	0.
16	34	T+	0.	0.	0.
16	35	T-	0.	0.	0.
16	37	T-	0.	0.	0.
16	36	T-	0.	0.	0.
16	34	T-	0.	0.	0.
16	35	W	-0.16	4.2035	0.4701
16	37	W	0.7204	4.4943	1.0364
16	36	W	0.7955	3.057	1.2081
16	34	W	2.5259	3.4752	0.6419
16	35	Qm-1	2.599E-04	-0.0054	-0.5721

Table 27: Element Forces - Area Shells, Part 2 of 3

Area	Joint	OutputCase	M11	M22	M12
			KN-mm/mm	KN-mm/mm	KN-mm/mm
16	37	Qm-1	-4.621E-04	-0.6285	-0.5718
16	36	Qm-1	0.1895	-0.6496	-0.6394
16	34	Qm-1	0.1342	0.0789	-0.6398
16	35	Qm-2	3.843E-04	0.1637	-0.2191
16	37	Qm-2	-5.017E-04	0.0366	-0.217
16	36	Qm-2	0.0398	0.0235	-0.2314
16	34	Qm-2	0.0265	0.1801	-0.2334
17	37	DEAD	0.	0.	0.
17	39	DEAD	0.	0.	0.
17	38	DEAD	0.	0.	0.
17	36	DEAD	0.	0.	0.
17	37	G1	-1.191E-09	-6.816E-08	-1.623E-08
17	39	G1	1.977E-09	-8.580E-08	-1.410E-08
17	38	G1	-5.003E-09	-8.935E-08	-1.694E-08
17	36	G1	-7.864E-09	-7.755E-08	-1.907E-08
17	37	G2	-8.080E-04	-0.694	-0.0987
17	39	G2	0.0026	-0.5506	-0.0973
17	38	G2	-0.0202	-0.6025	-0.1012
17	36	G2	-0.0771	-0.6686	-0.1026
17	37	Qm	5.120E-04	2.0952	-0.4107
17	39	Qm	6.702E-04	2.2605	-0.4042
17	38	Qm	0.1972	2.2803	-0.3942
17	36	Qm	0.1798	2.1193	-0.4007
17	37	Qs	-8.896E-11	-3.503E-09	7.210E-11
17	39	Qs	3.966E-10	-3.406E-09	1.829E-10
17	38	Qs	-8.564E-10	-3.949E-09	9.427E-11
17	36	Qs	-8.142E-10	-3.941E-09	-1.656E-11
17	37	T+	0.	0.	0.
17	39	T+	0.	0.	0.
17	38	T+	0.	0.	0.
17	36	T+	0.	0.	0.
17	37	T-	0.	0.	0.
17	39	T-	0.	0.	0.
17	38	T-	0.	0.	0.
17	36	T-	0.	0.	0.
17	37	W	0.7343	4.5637	2.4684
17	39	W	-1.9012	2.4281	2.8792
17	38	W	10.6196	4.5379	1.3543
17	36	W	0.7833	2.9959	0.9435
17	37	Qm-1	-0.0021	-0.6369	-0.5574
17	39	Qm-1	-5.512E-04	-1.2612	-0.5285
17	38	Qm-1	0.2028	-1.3108	-0.5851
17	36	Qm-1	0.19	-0.6471	-0.6141
17	37	Qm-2	-8.296E-04	0.035	-0.2119
17	39	Qm-2	-2.286E-04	-0.093	-0.2028
17	38	Qm-2	0.0318	-0.1105	-0.2122
17	36	Qm-2	0.0397	0.0233	-0.2213
18	39	DEAD	0.	0.	0.
18	41	DEAD	0.	0.	0.
18	40	DEAD	0.	0.	0.
18	38	DEAD	0.	0.	0.
18	39	G1	1.882E-09	-8.810E-08	-1.553E-08
18	41	G1	-2.958E-09	-9.922E-08	-1.602E-08
18	40	G1	-6.541E-09	-1.004E-07	-1.518E-08

Table 27: Element Forces - Area Shells, Part 2 of 3

Area	Joint	OutputCase	M11	M22	M12
			KN-mm/mm	KN-mm/mm	KN-mm/mm
18	38	G1	-4.465E-09	-8.654E-08	-1.531E-08
18	39	G2	0.004	-0.5435	-0.0775
18	41	G2	-0.0063	-0.4291	-0.0879
18	40	G2	0.1533	-0.2852	-0.1039
18	38	G2	-0.0218	-0.6108	-0.0935
18	39	Qm	5.175E-04	2.2597	-0.3927
18	41	Qm	6.500E-04	2.3268	-0.3835
18	40	Qm	0.2093	2.343	-0.3806
18	38	Qm	0.1972	2.2805	-0.3898
18	39	Qs	3.098E-10	-3.842E-09	7.678E-11
18	41	Qs	-2.254E-10	-3.963E-09	-2.810E-11
18	40	Qs	-7.513E-10	-3.894E-09	7.678E-11
18	38	Qs	-7.296E-10	-3.691E-09	1.049E-10
18	39	T+	0.	0.	0.
18	41	T+	0.	0.	0.
18	40	T+	0.	0.	0.
18	38	T+	0.	0.	0.
18	39	T-	0.	0.	0.
18	41	T-	0.	0.	0.
18	40	T-	0.	0.	0.
18	38	T-	0.	0.	0.
18	39	W	-1.7997	2.9355	-1.1963
18	41	W	2.564	-5.8484	-2.5919
18	40	W	-29.3924	-4.5521	4.0901
18	38	W	10.5972	4.4262	5.4857
18	39	Qm-1	-0.0012	-1.2643	-0.4992
18	41	Qm-1	-0.0012	-1.7658	-0.4597
18	40	Qm-1	0.2064	-1.8275	-0.5029
18	38	Qm-1	0.2029	-1.31	-0.5424
18	39	Qm-2	-2.538E-04	-0.0931	-0.1954
18	41	Qm-2	-2.269E-04	-0.1879	-0.1871
18	40	Qm-2	0.0204	-0.2003	-0.1924
18	38	Qm-2	0.0319	-0.1098	-0.2007
19	41	DEAD	0.	0.	0.
19	43	DEAD	0.	0.	0.
19	42	DEAD	0.	0.	0.
19	40	DEAD	0.	0.	0.
19	41	G1	-1.346E-09	-9.418E-08	-1.465E-08
19	43	G1	9.376E-10	-8.982E-08	-1.156E-08
19	42	G1	-4.848E-09	-9.466E-08	-1.217E-08
19	40	G1	-8.283E-09	-1.029E-07	-1.404E-08
19	41	G2	-0.0063	-0.429	-0.1397
19	43	G2	0.004	-0.5223	-0.1505
19	42	G2	-0.0251	-0.5883	-0.1319
19	40	G2	0.1533	-0.2853	-0.1212
19	41	Qm	5.340E-04	2.3262	-0.3696
19	43	Qm	6.000E-04	2.2948	-0.3584
19	42	Qm	0.2158	2.3087	-0.3625
19	40	Qm	0.2093	2.3431	-0.3737
19	41	Qs	-2.262E-10	-3.623E-09	3.714E-11
19	43	Qs	1.131E-11	-2.945E-09	8.147E-11
19	42	Qs	-6.168E-10	-3.049E-09	1.036E-10
19	40	Qs	-7.008E-10	-4.111E-09	5.930E-11
19	41	T+	0.	0.	0.

Table 27: Element Forces - Area Shells, Part 2 of 3

Area	Joint	OutputCase	M11	M22	M12
			KN-mm/mm	KN-mm/mm	KN-mm/mm
19	43	T+	0.	0.	0.
19	42	T+	0.	0.	0.
19	40	T+	0.	0.	0.
19	41	T-	0.	0.	0.
19	43	T-	0.	0.	0.
19	42	T-	0.	0.	0.
19	40	T-	0.	0.	0.
19	41	W	2.5644	-5.8468	1.4611
19	43	W	-1.8029	3.4818	0.0602
19	42	W	10.5567	4.9925	-6.5663
19	40	W	-29.3925	-4.5526	-5.1654
19	41	Qm-1	-0.0014	-1.7671	-0.425
19	43	Qm-1	-0.0013	-2.0903	-0.3808
19	42	Qm-1	0.2093	-2.1583	-0.4087
19	40	Qm-1	0.2064	-1.8272	-0.4528
19	41	Qm-2	-1.261E-04	-0.1874	-0.1812
19	43	Qm-2	-1.822E-04	-0.2406	-0.1749
19	42	Qm-2	0.0144	-0.2506	-0.178
19	40	Qm-2	0.0204	-0.2003	-0.1842
20	43	DEAD	0.	0.	0.
20	45	DEAD	0.	0.	0.
20	44	DEAD	0.	0.	0.
20	42	DEAD	0.	0.	0.
20	43	G1	5.807E-10	-8.847E-08	-9.507E-09
20	45	G1	1.191E-09	-8.864E-08	-6.540E-09
20	44	G1	-7.133E-09	-9.725E-08	-6.669E-09
20	42	G1	-3.597E-09	-9.662E-08	-9.022E-09
20	43	G2	0.0026	-0.5292	-0.1315
20	45	G2	-8.556E-04	-0.6477	-0.1311
20	44	G2	-0.0832	-0.6202	-0.1246
20	42	G2	-0.0235	-0.5801	-0.1249
20	43	Qm	5.393E-04	2.2945	-0.3431
20	45	Qm	5.393E-04	2.169	-0.3307
20	44	Qm	0.2172	2.1819	-0.3415
20	42	Qm	0.2158	2.3087	-0.3539
20	43	Qs	-6.612E-11	-2.721E-09	2.099E-10
20	45	Qs	-3.955E-11	-2.850E-09	3.067E-10
20	44	Qs	-6.313E-10	-2.954E-09	2.764E-10
20	42	Qs	-5.715E-10	-3.315E-09	2.180E-10
20	43	T+	0.	0.	0.
20	45	T+	0.	0.	0.
20	44	T+	0.	0.	0.
20	42	T+	0.	0.	0.
20	43	T-	0.	0.	0.
20	45	T-	0.	0.	0.
20	44	T-	0.	0.	0.
20	42	T-	0.	0.	0.
20	43	W	-1.9037	2.9779	-4.0271
20	45	W	0.7442	5.6558	-3.633
20	44	W	0.673	4.1212	-2.0503
20	42	W	10.5788	5.103	-2.4444
20	43	Qm-1	-0.0014	-2.091	-0.3435
20	45	Qm-1	-0.0014	-2.21	-0.2968
20	44	Qm-1	0.2154	-2.2814	-0.3082

Table 27: Element Forces - Area Shells, Part 2 of 3

Area	Joint	OutputCase	M11	M22	M12
			KN-mm/mm	KN-mm/mm	KN-mm/mm
20	42	Qm-1	0.2093	-2.1581	-0.3549
20	43	Qm-2	-1.520E-04	-0.2405	-0.1703
20	45	Qm-2	-1.205E-04	-0.2516	-0.1646
20	44	Qm-2	0.0156	-0.2625	-0.1658
20	42	Qm-2	0.0144	-0.2506	-0.1715
21	45	DEAD	0.	0.	0.
21	47	DEAD	0.	0.	0.
21	46	DEAD	0.	0.	0.
21	44	DEAD	0.	0.	0.
21	45	G1	-1.322E-09	-8.937E-08	-4.040E-09
21	47	G1	-5.022E-10	-8.584E-08	-3.331E-09
21	46	G1	-1.366E-09	-8.746E-08	-3.331E-09
21	44	G1	-4.182E-09	-9.360E-08	-4.040E-09
21	45	G2	4.687E-04	-0.6411	-0.1432
21	47	G2	-3.872E-04	-0.6423	-0.1603
21	46	G2	-0.099	-0.6133	-0.1566
21	44	G2	-0.0842	-0.6247	-0.1395
21	45	Qm	5.285E-04	2.1689	-0.3149
21	47	Qm	4.736E-04	1.9566	-0.3023
21	46	Qm	0.2144	1.9693	-0.3194
21	44	Qm	0.2172	2.1818	-0.332
21	45	Qs	-3.398E-11	-2.777E-09	2.815E-10
21	47	Qs	-4.575E-11	-2.606E-09	2.815E-10
21	46	Qs	-4.939E-10	-2.550E-09	2.815E-10
21	44	Qs	-6.165E-10	-2.933E-09	2.815E-10
21	45	T+	0.	0.	0.
21	47	T+	0.	0.	0.
21	46	T+	0.	0.	0.
21	44	T+	0.	0.	0.
21	45	T-	0.	0.	0.
21	47	T-	0.	0.	0.
21	46	T-	0.	0.	0.
21	44	T-	0.	0.	0.
21	45	W	0.7311	5.5901	-2.2226
21	47	W	-0.1972	5.8313	-1.6854
21	46	W	2.4195	5.1756	-1.8019
21	44	W	0.6849	4.1811	-2.3391
21	45	Qm-1	-0.0015	-2.2105	-0.2577
21	47	Qm-1	-0.0014	-2.1166	-0.2094
21	46	Qm-1	0.2258	-2.1887	-0.2038
21	44	Qm-1	0.2154	-2.2813	-0.2521
21	45	Qm-2	-1.993E-04	-0.252	-0.1596
21	47	Qm-2	-7.417E-05	-0.2208	-0.1526
21	46	Qm-2	0.0245	-0.236	-0.152
21	44	Qm-2	0.0156	-0.2624	-0.159
22	47	DEAD	0.	0.	0.
22	49	DEAD	0.	0.	0.
22	48	DEAD	0.	0.	0.
22	46	DEAD	0.	0.	0.
22	47	G1	-1.461E-09	-8.087E-08	-2.238E-09
22	49	G1	7.764E-11	-7.388E-08	-4.644E-10
22	48	G1	-3.146E-09	-7.546E-08	5.996E-10
22	46	G1	-2.228E-09	-8.860E-08	-1.174E-09
22	47	G2	-2.527E-04	-0.6416	-0.1807

Table 27: Element Forces - Area Shells, Part 2 of 3

Area	Joint	OutputCase	M11	M22	M12
			KN-mm/mm	KN-mm/mm	KN-mm/mm
22	49	G2	-1.137E-04	-0.5651	-0.2
22	48	G2	-0.0957	-0.5398	-0.1944
22	46	G2	-0.099	-0.6135	-0.1752
22	47	Qm	4.917E-04	1.9567	-0.2869
22	49	Qm	4.175E-04	1.6678	-0.2745
22	48	Qm	0.2086	1.6803	-0.2974
22	46	Qm	0.2143	1.9693	-0.3098
22	47	Qs	-4.654E-11	-2.323E-09	3.490E-10
22	49	Qs	-1.237E-10	-2.407E-09	3.711E-10
22	48	Qs	-4.622E-10	-2.140E-09	3.933E-10
22	46	Qs	-4.618E-10	-2.900E-09	3.711E-10
22	47	T+	0.	0.	0.
22	49	T+	0.	0.	0.
22	48	T+	0.	0.	0.
22	46	T+	0.	0.	0.
22	47	T-	0.	0.	0.
22	49	T-	0.	0.	0.
22	48	T-	0.	0.	0.
22	46	T-	0.	0.	0.
22	47	W	-0.1943	5.8459	-1.2776
22	49	W	-0.0413	6.1283	-0.7896
22	48	W	2.0323	5.3977	-0.7198
22	46	W	2.4186	5.1712	-1.2078
22	47	Qm-1	-0.0014	-2.1166	-0.1691
22	49	Qm-1	-0.0012	-1.8185	-0.1208
22	48	Qm-1	0.2382	-1.8852	-0.0983
22	46	Qm-1	0.2258	-2.1887	-0.1467
22	47	Qm-2	-2.388E-04	-0.2217	-0.1453
22	49	Qm-2	-1.616E-04	-0.1486	-0.1352
22	48	Qm-2	0.0403	-0.1697	-0.1327
22	46	Qm-2	0.0245	-0.2359	-0.1428
23	49	DEAD	0.	0.	0.
23	51	DEAD	0.	0.	0.
23	50	DEAD	0.	0.	0.
23	48	DEAD	0.	0.	0.
23	49	G1	2.395E-09	-6.816E-08	6.290E-10
23	51	G1	-1.111E-09	-5.761E-08	2.048E-09
23	50	G1	-2.881E-09	-5.836E-08	3.466E-09
23	48	G1	-5.057E-09	-7.521E-08	2.048E-09
23	49	G2	-4.436E-04	-0.5668	-0.2189
23	51	G2	6.423E-04	-0.407	-0.2331
23	50	G2	-0.0704	-0.4002	-0.2261
23	48	G2	-0.0955	-0.539	-0.2119
23	49	Qm	4.187E-04	1.6679	-0.2598
23	51	Qm	3.606E-04	1.3174	-0.2474
23	50	Qm	0.2019	1.3273	-0.2753
23	48	Qm	0.2086	1.6803	-0.2877
23	49	Qs	-9.581E-11	-1.914E-09	3.711E-10
23	51	Qs	1.654E-11	-1.972E-09	3.711E-10
23	50	Qs	-6.416E-10	-1.850E-09	3.711E-10
23	48	Qs	-3.797E-10	-2.224E-09	3.711E-10
23	49	T+	0.	0.	0.
23	51	T+	0.	0.	0.
23	50	T+	0.	0.	0.

Table 27: Element Forces - Area Shells, Part 2 of 3

Area	Joint	OutputCase	M11	M22	M12
			KN-mm/mm	KN-mm/mm	KN-mm/mm
23	48	T+	0.	0.	0.
23	49	T-	0.	0.	0.
23	51	T-	0.	0.	0.
23	50	T-	0.	0.	0.
23	48	T-	0.	0.	0.
23	49	W	-0.0426	6.1218	-0.3109
23	51	W	0.3569	6.3939	0.2016
23	50	W	1.2735	5.2557	0.2818
23	48	W	2.0324	5.3985	-0.2306
23	49	Qm-1	-9.432E-04	-1.817	-0.0815
23	51	Qm-1	-0.0023	-1.3522	-0.0381
23	50	Qm-1	0.2451	-1.3943	5.361E-04
23	48	Qm-1	0.238	-1.8857	-0.0428
23	49	Qm-2	-2.329E-04	-0.149	-0.125
23	51	Qm-2	-7.133E-04	-0.042	-0.1126
23	50	Qm-2	0.0552	-0.0614	-0.1066
23	48	Qm-2	0.0402	-0.1702	-0.1191
24	51	DEAD	0.	0.	0.
24	53	DEAD	0.	0.	0.
24	52	DEAD	0.	0.	0.
24	50	DEAD	0.	0.	0.
24	51	G1	-2.129E-10	-4.976E-08	3.441E-09
24	53	G1	2.522E-09	-4.359E-08	4.150E-09
24	52	G1	-6.109E-09	-3.775E-08	5.569E-09
24	50	G1	-4.083E-09	-6.066E-08	4.859E-09
24	51	G2	-0.0011	-0.4156	-0.2393
24	53	G2	0.0036	-0.1188	-0.2302
24	52	G2	0.0138	-0.1951	-0.2278
24	50	G2	-0.0693	-0.3947	-0.2369
24	51	Qm	2.329E-04	1.3168	-0.2324
24	53	Qm	4.564E-04	0.9308	-0.2178
24	52	Qm	0.1987	0.9298	-0.2498
24	50	Qm	0.2019	1.3275	-0.2645
24	51	Qs	4.188E-11	-1.490E-09	3.711E-10
24	53	Qs	2.997E-10	-1.698E-09	3.711E-10
24	52	Qs	-9.057E-10	-1.639E-09	3.711E-10
24	50	Qs	-6.645E-10	-1.930E-09	3.711E-10
24	51	T+	0.	0.	0.
24	53	T+	0.	0.	0.
24	52	T+	0.	0.	0.
24	50	T+	0.	0.	0.
24	51	T-	0.	0.	0.
24	53	T-	0.	0.	0.
24	52	T-	0.	0.	0.
24	50	T-	0.	0.	0.
24	51	W	0.3595	6.4072	1.1924
24	53	W	-0.9401	5.6671	1.6943
24	52	W	6.5313	6.1071	0.8743
24	50	W	1.2692	5.2344	0.3724
24	51	Qm-1	-9.787E-04	-1.3456	-0.0083
24	53	Qm-1	-9.969E-05	-0.8197	0.0132
24	52	Qm-1	0.2138	-0.78	0.067
24	50	Qm-1	0.2446	-1.3965	0.0456
24	51	Qm-2	-5.355E-04	-0.0411	-0.1027

Table 27: Element Forces - Area Shells, Part 2 of 3

Area	Joint	OutputCase	M11	M22	M12
			KN-mm/mm	KN-mm/mm	KN-mm/mm
24	53	Qm-2	6.801E-04	0.0665	-0.0947
24	52	Qm-2	0.0535	0.07	-0.0847
24	50	Qm-2	0.0553	-0.0609	-0.0926
25	53	DEAD	0.	0.	0.
25	55	DEAD	0.	0.	0.
25	54	DEAD	0.	0.	0.
25	52	DEAD	0.	0.	0.
25	53	G1	4.200E-09	-3.782E-08	3.209E-09
25	55	G1	-1.740E-09	-2.203E-08	2.724E-09
25	54	G1	-7.016E-09	-2.049E-08	4.982E-09
25	52	G1	-6.527E-09	-3.958E-08	4.852E-09
25	53	G2	0.0034	-0.1197	-0.1935
25	55	G2	-0.0029	0.222	-0.1749
25	54	G2	0.2653	0.2669	-0.1925
25	52	G2	0.0132	-0.1982	-0.2111
25	53	Qm	1.048E-04	0.929	-0.1998
25	55	Qm	-4.249E-04	0.5523	-0.1782
25	54	Qm	0.2064	0.5289	-0.2121
25	52	Qm	0.1987	0.9298	-0.2337
25	53	Qs	4.015E-10	-1.517E-09	2.581E-10
25	55	Qs	1.554E-11	-8.806E-10	2.743E-10
25	54	Qs	-9.229E-10	-1.090E-09	3.690E-10
25	52	Qs	-9.210E-10	-1.573E-09	4.295E-10
25	53	T+	0.	0.	0.
25	55	T+	0.	0.	0.
25	54	T+	0.	0.	0.
25	52	T+	0.	0.	0.
25	53	T-	0.	0.	0.
25	55	T-	0.	0.	0.
25	54	T-	0.	0.	0.
25	52	T-	0.	0.	0.
25	53	W	-0.943	5.6525	0.1377
25	55	W	1.4602	3.7258	0.3629
25	54	W	-12.0638	0.8195	3.4356
25	52	W	6.5649	6.2747	3.2104
25	53	Qm-1	9.086E-04	-0.8146	0.0204
25	55	Qm-1	0.0038	-0.3782	0.0105
25	54	Qm-1	0.1801	-0.2928	0.0554
25	52	Qm-1	0.2149	-0.7744	0.0653
25	53	Qm-2	8.417E-04	0.0673	-0.0879
25	55	Qm-2	7.371E-04	0.1301	-0.0858
25	54	Qm-2	0.0627	0.1388	-0.0822
25	52	Qm-2	0.0537	0.0713	-0.0843
26	55	DEAD	0.	0.	0.
26	57	DEAD	0.	0.	0.
26	56	DEAD	0.	0.	0.
26	54	DEAD	0.	0.	0.
26	55	G1	-8.118E-10	-2.369E-08	2.819E-09
26	57	G1	3.246E-09	-6.936E-09	1.980E-09
26	56	G1	-1.114E-08	-1.150E-08	3.528E-09
26	54	G1	-6.906E-09	-2.365E-08	3.753E-09
26	55	G2	-0.0022	0.2255	-0.172
26	57	G2	3.761E-04	0.3028	-0.1558
26	56	G2	0.3072	0.3043	-0.1603

Table 27: Element Forces - Area Shells, Part 2 of 3

Area	Joint	OutputCase	M11	M22	M12
			KN-mm/mm	KN-mm/mm	KN-mm/mm
26	54	G2	0.2642	0.2611	-0.1764
26	55	Qm	-9.790E-04	0.5495	-0.1532
26	57	Qm	0.0011	0.2413	-0.1211
26	56	Qm	0.223	0.1932	-0.1518
26	54	Qm	0.2065	0.5292	-0.184
26	55	Qs	8.328E-11	-9.662E-10	2.943E-10
26	57	Qs	-2.012E-11	-4.549E-10	2.500E-10
26	56	Qs	-9.391E-10	-6.254E-10	2.943E-10
26	54	Qs	-9.317E-10	-1.156E-09	3.387E-10
26	55	T+	0.	0.	0.
26	57	T+	0.	0.	0.
26	56	T+	0.	0.	0.
26	54	T+	0.	0.	0.
26	55	T-	0.	0.	0.
26	57	T-	0.	0.	0.
26	56	T-	0.	0.	0.
26	54	T-	0.	0.	0.
26	55	W	1.8718	5.7837	3.3566
26	57	W	-2.6237	-5.2705	-0.9509
26	56	W	9.393	21.7614	-4.0725
26	54	W	-12.4337	-1.03	0.235
26	55	Qm-1	0.004	-0.3774	0.0093
26	57	Qm-1	-3.176E-04	-0.1173	-0.0026
26	56	Qm-1	0.2225	-0.0643	0.0098
26	54	Qm-1	0.18	-0.2933	0.0217
26	55	Qm-2	4.786E-04	0.1288	-0.0774
26	57	Qm-2	0.0029	0.1172	-0.0715
26	56	Qm-2	0.0943	0.1088	-0.0803
26	54	Qm-2	0.0628	0.1395	-0.0863
27	57	DEAD	0.	0.	0.
27	8	DEAD	0.	0.	0.
27	58	DEAD	0.	0.	0.
27	56	DEAD	0.	0.	0.
27	57	G1	1.342E-09	-1.074E-08	2.559E-09
27	8	G1	-1.602E-09	1.793E-09	1.720E-09
27	58	G1	-4.465E-09	6.544E-10	2.559E-09
27	56	G1	-1.189E-08	-1.027E-08	2.784E-09
27	57	G2	-2.344E-04	0.2997	-0.1368
27	8	G2	-1.866E-05	-0.0051	-0.1196
27	58	G2	0.1881	0.0017	-0.1202
27	56	G2	0.3083	0.3099	-0.1373
27	57	Qm	0.0014	0.2424	-0.088
27	8	Qm	-0.0069	-0.008	-0.0591
27	58	Qm	0.2623	0.0015	-0.084
27	56	Qm	0.2229	0.1926	-0.1128
27	57	Qs	5.920E-11	-4.933E-10	2.269E-10
27	8	Qs	-1.370E-10	-8.110E-11	1.383E-10
27	58	Qs	-6.335E-10	2.326E-10	1.826E-10
27	56	Qs	-9.987E-10	-7.987E-10	2.713E-10
27	57	T+	0.	0.	0.
27	8	T+	0.	0.	0.
27	58	T+	0.	0.	0.
27	56	T+	0.	0.	0.
27	57	T-	0.	0.	0.

Table 27: Element Forces - Area Shells, Part 2 of 3

Area	Joint	OutputCase	M11	M22	M12
			KN-mm/mm	KN-mm/mm	KN-mm/mm
27	8	T-	0.	0.	0.
27	58	T-	0.	0.	0.
27	56	T-	0.	0.	0.
27	57	W	0.508	10.3882	-3.2065
27	8	W	0.097	-1.7327	1.1464
27	58	W	-3.4532	1.2889	2.5503
27	56	W	2.2634	-13.8863	-1.8026
27	57	Qm-1	-6.645E-04	-0.119	-0.001
27	8	Qm-1	0.0016	-7.749E-04	0.0084
27	58	Qm-1	0.2315	-0.0032	0.0136
27	56	Qm-1	0.2211	-0.0715	0.0041
27	57	Qm-2	0.0027	0.1163	-0.0558
27	8	Qm-2	-0.0063	-0.0037	-0.0447
27	58	Qm-2	0.1532	0.0019	-0.0646
27	56	Qm-2	0.0941	0.108	-0.0756
28	9	DEAD	0.	0.	0.
28	10	DEAD	0.	0.	0.
28	60	DEAD	0.	0.	0.
28	59	DEAD	0.	0.	0.
28	9	G1	-1.278E-08	1.797E-09	-8.730E-09
28	10	G1	-1.191E-08	-1.312E-08	-8.730E-09
28	60	G1	-1.960E-08	-1.319E-08	-9.084E-09
28	59	G1	-1.993E-08	-1.108E-09	-9.084E-09
28	9	G2	0.1491	-0.0046	0.0804
28	10	G2	0.2425	0.2668	0.0981
28	60	G2	-0.132	0.0605	0.1116
28	59	G2	-0.0393	0.0042	0.0939
28	9	Qm	-0.0413	-0.0024	-0.0728
28	10	Qm	-0.0143	-0.0606	-0.0672
28	60	Qm	0.1134	-0.0361	-0.0798
28	59	Qm	0.0983	-6.370E-04	-0.0855
28	9	Qs	-6.414E-10	3.172E-11	-3.153E-10
28	10	Qs	-7.379E-10	-6.065E-10	-3.758E-10
28	60	Qs	-1.323E-09	-7.164E-10	-3.374E-10
28	59	Qs	-1.447E-09	-3.018E-11	-3.536E-10
28	9	T+	0.	0.	0.
28	10	T+	0.	0.	0.
28	60	T+	0.	0.	0.
28	59	T+	0.	0.	0.
28	9	T-	0.	0.	0.
28	10	T-	0.	0.	0.
28	60	T-	0.	0.	0.
28	59	T-	0.	0.	0.
28	9	W	-5.5116	-1.5974	1.7192
28	10	W	20.9736	3.0664	1.3808
28	60	W	2.519	1.9187	-2.3776
28	59	W	9.7551	0.5372	-2.0392
28	9	Qm-1	-0.0397	-0.0027	-0.0976
28	10	Qm-1	4.479E-04	-0.0983	-0.0888
28	60	Qm-1	0.1755	-0.0697	-0.1095
28	59	Qm-1	0.1489	-7.586E-04	-0.1183
28	9	Qm-2	-0.0582	-0.0012	-0.0372
28	10	Qm-2	-0.0446	-0.0287	-0.0412
28	60	Qm-2	-0.063	-0.017	-0.0475

Table 27: Element Forces - Area Shells, Part 2 of 3

Area	Joint	OutputCase	M11	M22	M12
			KN-mm/mm	KN-mm/mm	KN-mm/mm
28	59	Qm-2	-0.0708	1.553E-05	-0.0435
29	10	DEAD	0.	0.	0.
29	12	DEAD	0.	0.	0.
29	61	DEAD	0.	0.	0.
29	60	DEAD	0.	0.	0.
29	10	G1	-1.195E-08	-1.444E-08	-9.147E-09
29	12	G1	-1.070E-08	-2.092E-08	-9.371E-09
29	61	G1	-2.227E-08	-2.459E-08	-1.092E-08
29	60	G1	-1.952E-08	-1.289E-08	-1.008E-08
29	10	G2	0.2431	0.2694	0.1362
29	12	G2	0.026	-0.0716	0.1528
29	61	G2	-0.1142	-0.0435	0.1757
29	60	G2	-0.1323	0.0587	0.1592
29	10	Qm	-0.0144	-0.0608	-0.0739
29	12	Qm	-0.015	-0.0573	-0.0786
29	61	Qm	0.1129	-0.0084	-0.0771
29	60	Qm	0.1134	-0.0359	-0.0723
29	10	Qs	-7.256E-10	-7.770E-10	-3.332E-10
29	12	Qs	-9.126E-10	-1.220E-09	-4.240E-10
29	61	Qs	-1.410E-09	-1.339E-09	-4.219E-10
29	60	Qs	-1.492E-09	-8.575E-10	-4.462E-10
29	10	T+	0.	0.	0.
29	12	T+	0.	0.	0.
29	61	T+	0.	0.	0.
29	60	T+	0.	0.	0.
29	10	T-	0.	0.	0.
29	12	T-	0.	0.	0.
29	61	T-	0.	0.	0.
29	60	T-	0.	0.	0.
29	10	W	20.9788	3.0927	-3.1662
29	12	W	-2.0182	-0.6731	-3.499
29	61	W	6.6331	0.1227	0.2032
29	60	W	2.5219	1.933	0.536
29	10	Qm-1	4.697E-04	-0.0982	-0.0939
29	12	Qm-1	0.0073	-0.13	-0.0966
29	61	Qm-1	0.185	-0.0751	-0.1016
29	60	Qm-1	0.1755	-0.0694	-0.0989
29	10	Qm-2	-0.0447	-0.0289	-0.0497
29	12	Qm-2	-0.0415	-0.0376	-0.0582
29	61	Qm-2	-0.0582	-0.0161	-0.0602
29	60	Qm-2	-0.063	-0.0169	-0.0517
30	12	DEAD	0.	0.	0.
30	14	DEAD	0.	0.	0.
30	62	DEAD	0.	0.	0.
30	61	DEAD	0.	0.	0.
30	12	G1	-9.946E-09	-2.199E-08	-1.035E-08
30	14	G1	-1.301E-08	-3.363E-08	-1.141E-08
30	62	G1	-2.223E-08	-3.445E-08	-1.177E-08
30	61	G1	-2.024E-08	-2.081E-08	-1.070E-08
30	12	G2	0.0273	-0.0654	0.1445
30	14	G2	-0.0441	-0.1835	0.1297
30	62	G2	-0.149	-0.1806	0.1412
30	61	G2	-0.1148	-0.0467	0.156
30	12	Qm	-0.0149	-0.0569	-0.0931

Table 27: Element Forces - Area Shells, Part 2 of 3

Area	Joint	OutputCase	M11	M22	M12
			KN-mm/mm	KN-mm/mm	KN-mm/mm
30	14	Qm	-0.0253	0.0032	-0.1078
30	62	Qm	0.0983	0.0747	-0.0966
30	61	Qm	0.113	-0.008	-0.082
30	12	Qs	-7.922E-10	-1.298E-09	-3.942E-10
30	14	Qs	-6.595E-10	-1.893E-09	-4.385E-10
30	62	Qs	-1.449E-09	-1.922E-09	-5.272E-10
30	61	Qs	-1.399E-09	-1.336E-09	-4.829E-10
30	12	T+	0.	0.	0.
30	14	T+	0.	0.	0.
30	62	T+	0.	0.	0.
30	61	T+	0.	0.	0.
30	12	T-	0.	0.	0.
30	14	T-	0.	0.	0.
30	62	T-	0.	0.	0.
30	61	T-	0.	0.	0.
30	12	W	-2.007	-0.6172	-1.2976
30	14	W	3.0098	0.9911	-0.9669
30	62	W	2.9203	0.2599	-1.1659
30	61	W	6.6569	0.2416	-1.4965
30	12	Qm-1	0.0074	-0.1292	-0.109
30	14	Qm-1	0.0044	-0.103	-0.1211
30	62	Qm-1	0.1824	-0.0287	-0.1169
30	61	Qm-1	0.1851	-0.0746	-0.1048
30	12	Qm-2	-0.0415	-0.0373	-0.0696
30	14	Qm-2	-0.0407	-0.0283	-0.081
30	62	Qm-2	-0.0563	-0.0012	-0.0806
30	61	Qm-2	-0.0581	-0.016	-0.0692
31	14	DEAD	0.	0.	0.
31	16	DEAD	0.	0.	0.
31	63	DEAD	0.	0.	0.
31	62	DEAD	0.	0.	0.
31	14	G1	-1.261E-08	-3.120E-08	-1.184E-08
31	16	G1	-9.827E-09	-3.615E-08	-1.290E-08
31	63	G1	-1.797E-08	-3.143E-08	-1.396E-08
31	62	G1	-2.122E-08	-3.247E-08	-1.290E-08
31	14	G2	-0.0451	-0.1886	0.1218
31	16	G2	-0.0706	-0.2879	0.1072
31	63	G2	-0.172	-0.2693	0.1095
31	62	G2	-0.1486	-0.1784	0.124
31	14	Qm	-0.0253	0.0032	-0.1293
31	16	Qm	-0.0373	0.0983	-0.154
31	63	Qm	0.0808	0.193	-0.139
31	62	Qm	0.0984	0.0753	-0.1143
31	14	Qs	-6.091E-10	-1.868E-09	-4.641E-10
31	16	Qs	-4.337E-10	-2.099E-09	-4.641E-10
31	63	Qs	-1.504E-09	-2.286E-09	-5.085E-10
31	62	Qs	-1.439E-09	-2.007E-09	-5.085E-10
31	14	T+	0.	0.	0.
31	16	T+	0.	0.	0.
31	63	T+	0.	0.	0.
31	62	T+	0.	0.	0.
31	14	T-	0.	0.	0.
31	16	T-	0.	0.	0.
31	63	T-	0.	0.	0.

Table 27: Element Forces - Area Shells, Part 2 of 3

Area	Joint	OutputCase	M11	M22	M12
			KN-mm/mm	KN-mm/mm	KN-mm/mm
31	62	T-	0.	0.	0.
31	14	W	3.0152	1.0177	-0.9134
31	16	W	1.3841	1.1124	-0.6003
31	63	W	3.106	0.7402	-0.2753
31	62	W	2.9105	0.2106	-0.5883
31	14	Qm-1	0.0044	-0.1029	-0.1385
31	16	Qm-1	7.335E-04	-0.0396	-0.1579
31	63	Qm-1	0.181	0.0504	-0.1509
31	62	Qm-1	0.1825	-0.0281	-0.1315
31	14	Qm-2	-0.0406	-0.0282	-0.0937
31	16	Qm-2	-0.0393	-0.0101	-0.1069
31	63	Qm-2	-0.053	0.0202	-0.1062
31	62	Qm-2	-0.0562	-9.859E-04	-0.093
32	16	DEAD	0.	0.	0.
32	18	DEAD	0.	0.	0.
32	64	DEAD	0.	0.	0.
32	63	DEAD	0.	0.	0.
32	16	G1	-9.740E-09	-3.528E-08	-1.472E-08
32	18	G1	-3.630E-09	-3.053E-08	-1.388E-08
32	64	G1	-2.481E-08	-4.043E-08	-1.436E-08
32	63	G1	-1.879E-08	-3.612E-08	-1.459E-08
32	16	G2	-0.0707	-0.2887	0.0929
32	18	G2	-0.08	-0.3575	0.0758
32	64	G2	-0.183	-0.3356	0.0743
32	63	G2	-0.172	-0.2694	0.0915
32	16	Qm	-0.0373	0.0983	-0.1826
32	18	Qm	-0.0442	0.2101	-0.216
32	64	Qm	0.0719	0.3217	-0.2027
32	63	Qm	0.0809	0.1936	-0.1693
32	16	Qs	-4.090E-10	-1.968E-09	-4.922E-10
32	18	Qs	-4.332E-10	-2.421E-09	-3.430E-10
32	64	Qs	-1.498E-09	-2.691E-09	-4.036E-10
32	63	Qs	-1.536E-09	-2.549E-09	-4.760E-10
32	16	T+	0.	0.	0.
32	18	T+	0.	0.	0.
32	64	T+	0.	0.	0.
32	63	T+	0.	0.	0.
32	16	T-	0.	0.	0.
32	18	T-	0.	0.	0.
32	64	T-	0.	0.	0.
32	63	T-	0.	0.	0.
32	16	W	1.3833	1.1085	-0.1319
32	18	W	1.8081	1.4447	0.1743
32	64	W	2.8108	0.8949	0.1678
32	63	W	3.1046	0.7333	-0.1384
32	16	Qm-1	7.530E-04	-0.0395	-0.1795
32	18	Qm-1	0.0017	0.0466	-0.2035
32	64	Qm-1	0.1892	0.1453	-0.1979
32	63	Qm-1	0.1811	0.0507	-0.1739
32	16	Qm-2	-0.0392	-0.01	-0.12
32	18	Qm-2	-0.0358	0.0124	-0.1336
32	64	Qm-2	-0.046	0.0425	-0.1339
32	63	Qm-2	-0.053	0.0203	-0.1204
33	18	DEAD	0.	0.	0.

Table 27: Element Forces - Area Shells, Part 2 of 3

Area	Joint	OutputCase	M11	M22	M12
			KN-mm/mm	KN-mm/mm	KN-mm/mm
33	20	DEAD	0.	0.	0.
33	65	DEAD	0.	0.	0.
33	64	DEAD	0.	0.	0.
33	18	G1	-1.958E-09	-3.348E-08	-1.324E-08
33	20	G1	-7.703E-09	-3.947E-08	-1.408E-08
33	65	G1	-1.304E-08	-3.783E-08	-1.501E-08
33	64	G1	-2.357E-08	-3.583E-08	-1.479E-08
33	18	G2	-0.08	-0.3576	0.0591
33	20	G2	-0.0785	-0.3962	0.0416
33	65	G2	-0.1847	-0.3763	0.0384
33	64	G2	-0.183	-0.3356	0.0558
33	18	Qm	-0.0442	0.2102	-0.2493
33	20	Qm	-0.0407	0.326	-0.2869
33	65	Qm	0.0813	0.4421	-0.2797
33	64	Qm	0.072	0.3221	-0.2422
33	18	Qs	-4.430E-10	-2.521E-09	-3.477E-10
33	20	Qs	-3.696E-10	-2.587E-09	-3.093E-10
33	65	Qs	-1.125E-09	-2.937E-09	-4.585E-10
33	64	Qs	-1.467E-09	-2.487E-09	-4.201E-10
33	18	T+	0.	0.	0.
33	20	T+	0.	0.	0.
33	65	T+	0.	0.	0.
33	64	T+	0.	0.	0.
33	18	T-	0.	0.	0.
33	20	T-	0.	0.	0.
33	65	T-	0.	0.	0.
33	64	T-	0.	0.	0.
33	18	W	1.8088	1.4485	0.5065
33	20	W	1.3629	1.396	0.8143
33	65	W	3.5202	1.1035	0.7659
33	64	W	2.8109	0.8952	0.4581
33	18	Qm-1	0.0018	0.0467	-0.227
33	20	Qm-1	0.0102	0.1472	-0.2523
33	65	Qm-1	0.2109	0.2476	-0.2501
33	64	Qm-1	0.1892	0.1454	-0.2248
33	18	Qm-2	-0.0358	0.0125	-0.1462
33	20	Qm-2	-0.0294	0.0372	-0.1588
33	65	Qm-2	-0.035	0.0645	-0.1605
33	64	Qm-2	-0.046	0.0425	-0.1479
34	20	DEAD	0.	0.	0.
34	22	DEAD	0.	0.	0.
34	66	DEAD	0.	0.	0.
34	65	DEAD	0.	0.	0.
34	20	G1	-8.624E-09	-3.809E-08	-1.618E-08
34	22	G1	-6.546E-09	-3.479E-08	-1.627E-08
34	66	G1	-1.572E-08	-3.632E-08	-1.618E-08
34	65	G1	-1.342E-08	-3.616E-08	-1.485E-08
34	20	G2	-0.0784	-0.3958	0.0259
34	22	G2	-0.063	-0.3989	0.0103
34	66	G2	-0.1765	-0.3876	0.0048
34	65	G2	-0.1847	-0.3763	0.0203
34	20	Qm	-0.0407	0.3261	-0.3205
34	22	Qm	-0.0244	0.4438	-0.3558
34	66	Qm	0.1138	0.5492	-0.3566

Table 27: Element Forces - Area Shells, Part 2 of 3

Area	Joint	OutputCase	M11	M22	M12
			KN-mm/mm	KN-mm/mm	KN-mm/mm
34	65	Qm	0.0813	0.4421	-0.3213
34	20	Qs	-4.675E-10	-2.514E-09	-3.817E-10
34	22	Qs	-5.967E-10	-2.805E-09	-3.374E-10
34	66	Qs	-1.362E-09	-3.066E-09	-2.709E-10
34	65	Qs	-9.790E-10	-2.655E-09	-3.153E-10
34	20	T+	0.	0.	0.
34	22	T+	0.	0.	0.
34	66	T+	0.	0.	0.
34	65	T+	0.	0.	0.
34	20	T-	0.	0.	0.
34	22	T-	0.	0.	0.
34	66	T-	0.	0.	0.
34	65	T-	0.	0.	0.
34	20	W	1.3647	1.4052	1.376
34	22	W	4.3592	1.7921	1.6977
34	66	W	3.2248	0.7397	1.1364
34	65	W	3.5232	1.1182	0.8147
34	20	Qm-1	0.0103	0.1474	-0.2749
34	22	Qm-1	0.0271	0.2587	-0.2982
34	66	Qm-1	0.2489	0.3551	-0.3006
34	65	Qm-1	0.2109	0.2476	-0.2772
34	20	Qm-2	-0.0293	0.0374	-0.1697
34	22	Qm-2	-0.0193	0.0648	-0.1802
34	66	Qm-2	-0.019	0.0872	-0.1836
34	65	Qm-2	-0.035	0.0645	-0.1731
35	22	DEAD	0.	0.	0.
35	24	DEAD	0.	0.	0.
35	67	DEAD	0.	0.	0.
35	66	DEAD	0.	0.	0.
35	22	G1	-6.965E-09	-3.313E-08	-1.556E-08
35	24	G1	-1.081E-08	-4.478E-08	-1.644E-08
35	67	G1	-1.494E-08	-4.324E-08	-1.556E-08
35	66	G1	-1.755E-08	-3.804E-08	-1.714E-08
35	22	G2	-0.0621	-0.3943	-7.210E-04
35	24	G2	-0.0071	-0.3681	-0.017
35	67	G2	-0.1649	-0.3489	-0.0282
35	66	G2	-0.177	-0.3899	-0.0119
35	22	Qm	-0.0243	0.444	-0.3843
35	24	Qm	0.0039	0.573	-0.4107
35	67	Qm	0.1683	0.6554	-0.4182
35	66	Qm	0.1137	0.5489	-0.3918
35	22	Qs	-5.145E-10	-2.796E-09	-2.781E-10
35	24	Qs	-5.978E-10	-3.237E-09	-2.116E-10
35	67	Qs	-1.479E-09	-3.561E-09	-2.338E-10
35	66	Qs	-1.357E-09	-3.043E-09	-3.003E-10
35	22	T+	0.	0.	0.
35	24	T+	0.	0.	0.
35	67	T+	0.	0.	0.
35	66	T+	0.	0.	0.
35	22	T-	0.	0.	0.
35	24	T-	0.	0.	0.
35	67	T-	0.	0.	0.
35	66	T-	0.	0.	0.
35	22	W	4.3475	1.7337	1.4751

Table 27: Element Forces - Area Shells, Part 2 of 3

Area	Joint	OutputCase	M11	M22	M12
			KN-mm/mm	KN-mm/mm	KN-mm/mm
35	24	W	-5.221	-0.6842	1.8117
35	67	W	9.945	1.4095	2.3323
35	66	W	3.2443	0.8368	1.9956
35	22	Qm-1	0.0272	0.259	-0.3172
35	24	Qm-1	0.0526	0.3814	-0.3357
35	67	Qm-1	0.3048	0.4688	-0.3428
35	66	Qm-1	0.2489	0.3551	-0.3243
35	22	Qm-2	-0.0192	0.0651	-0.1882
35	24	Qm-2	-0.0046	0.0978	-0.1953
35	67	Qm-2	0.0052	0.1117	-0.201
35	66	Qm-2	-0.0189	0.0872	-0.1939
36	24	DEAD	0.	0.	0.
36	26	DEAD	0.	0.	0.
36	68	DEAD	0.	0.	0.
36	67	DEAD	0.	0.	0.
36	24	G1	-9.919E-09	-4.385E-08	-1.687E-08
36	26	G1	-7.705E-09	-4.324E-08	-1.710E-08
36	68	G1	-1.621E-08	-4.873E-08	-1.794E-08
36	67	G1	-1.466E-08	-3.974E-08	-1.710E-08
36	24	G2	-0.0088	-0.3764	-0.0309
36	26	G2	0.1707	-0.1026	-0.0135
36	68	G2	-0.216	-0.3257	-0.0278
36	67	G2	-0.1642	-0.3454	-0.0453
36	24	Qm	0.004	0.5734	-0.4295
36	26	Qm	0.0405	0.7323	-0.4425
36	68	Qm	0.2394	0.786	-0.4529
36	67	Qm	0.1682	0.6548	-0.4398
36	24	Qs	-4.693E-10	-3.263E-09	-2.274E-10
36	26	Qs	-7.995E-10	-3.647E-09	-2.414E-10
36	68	Qs	-1.325E-09	-3.753E-09	-2.717E-10
36	67	Qs	-1.509E-09	-3.403E-09	-2.193E-10
36	24	T+	0.	0.	0.
36	26	T+	0.	0.	0.
36	68	T+	0.	0.	0.
36	67	T+	0.	0.	0.
36	24	T-	0.	0.	0.
36	26	T-	0.	0.	0.
36	68	T-	0.	0.	0.
36	67	T-	0.	0.	0.
36	24	W	-5.2429	-0.7936	5.5912
36	26	W	37.2975	6.7004	4.5272
36	68	W	2.0422	5.8386	-2.1921
36	67	W	9.8934	1.1516	-1.1282
36	24	Qm-1	0.0527	0.3815	-0.3486
36	26	Qm-1	0.0808	0.5146	-0.3602
36	68	Qm-1	0.3851	0.5944	-0.372
36	67	Qm-1	0.3048	0.4687	-0.3604
36	24	Qm-2	-0.0045	0.098	-0.1986
36	26	Qm-2	0.0142	0.1415	-0.2
36	68	Qm-2	0.0418	0.1417	-0.2084
36	67	Qm-2	0.0052	0.1118	-0.2071
37	26	DEAD	0.	0.	0.
37	28	DEAD	0.	0.	0.
37	69	DEAD	0.	0.	0.

Table 27: Element Forces - Area Shells, Part 2 of 3

Area	Joint	OutputCase	M11	M22	M12
			KN-mm/mm	KN-mm/mm	KN-mm/mm
37	68	DEAD	0.	0.	0.
37	26	G1	-7.620E-09	-4.452E-08	-1.758E-08
37	28	G1	-1.365E-08	-5.081E-08	-1.710E-08
37	69	G1	-1.298E-08	-5.113E-08	-1.723E-08
37	68	G1	-1.555E-08	-4.545E-08	-1.710E-08
37	26	G2	0.1707	-0.1026	0.0212
37	28	G2	-0.0126	-0.472	0.0383
37	69	G2	-0.1722	-0.4406	0.0472
37	68	G2	-0.216	-0.3257	0.03
37	26	Qm	0.0405	0.7327	-0.449
37	28	Qm	0.0799	0.9427	-0.4475
37	69	Qm	0.3211	0.9711	-0.4563
37	68	Qm	0.2393	0.7854	-0.4577
37	26	Qs	-7.554E-10	-3.564E-09	-2.030E-10
37	28	Qs	-1.034E-09	-4.266E-09	-1.668E-10
37	69	Qs	-1.329E-09	-4.171E-09	-1.809E-10
37	68	Qs	-1.425E-09	-3.958E-09	-2.555E-10
37	26	T+	0.	0.	0.
37	28	T+	0.	0.	0.
37	69	T+	0.	0.	0.
37	68	T+	0.	0.	0.
37	26	T-	0.	0.	0.
37	28	T-	0.	0.	0.
37	69	T-	0.	0.	0.
37	68	T-	0.	0.	0.
37	26	W	37.2978	6.7016	-4.2618
37	28	W	-5.1472	-0.2336	-5.3188
37	69	W	10.0453	1.6899	1.3948
37	68	W	2.0423	5.8388	2.4518
37	26	Qm-1	0.0808	0.5143	-0.3681
37	28	Qm-1	0.1102	0.653	-0.3744
37	69	Qm-1	0.4714	0.736	-0.3868
37	68	Qm-1	0.3851	0.5943	-0.3806
37	26	Qm-2	0.0141	0.141	-0.1969
37	28	Qm-2	0.0287	0.2042	-0.1896
37	69	Qm-2	0.0963	0.1873	-0.1994
37	68	Qm-2	0.0418	0.1418	-0.2067
38	28	DEAD	0.	0.	0.
38	30	DEAD	0.	0.	0.
38	70	DEAD	0.	0.	0.
38	69	DEAD	0.	0.	0.
38	28	G1	-1.382E-08	-5.446E-08	-1.670E-08
38	30	G1	-4.576E-09	-4.680E-08	-1.608E-08
38	70	G1	-1.160E-08	-5.296E-08	-1.811E-08
38	69	G1	-1.278E-08	-5.163E-08	-1.750E-08
38	28	G2	-0.011	-0.4638	0.0238
38	30	G2	-0.0696	-0.5814	0.0068
38	70	G2	-0.1926	-0.5763	0.0127
38	69	G2	-0.1729	-0.4441	0.0297
38	28	Qm	0.08	0.943	-0.4422
38	30	Qm	0.1155	1.2179	-0.4294
38	70	Qm	0.4096	1.2358	-0.4328
38	69	Qm	0.321	0.9707	-0.4456
38	28	Qs	-8.891E-10	-4.046E-09	-1.664E-10

Table 27: Element Forces - Area Shells, Part 2 of 3

Area	Joint	OutputCase	M11	M22	M12
			KN-mm/mm	KN-mm/mm	KN-mm/mm
38	30	Qs	-7.573E-10	-4.306E-09	-8.364E-11
38	70	Qs	-1.413E-09	-4.469E-09	-1.664E-10
38	69	Qs	-1.458E-09	-4.353E-09	-1.723E-10
38	28	T+	0.	0.	0.
38	30	T+	0.	0.	0.
38	70	T+	0.	0.	0.
38	69	T+	0.	0.	0.
38	28	T-	0.	0.	0.
38	30	T-	0.	0.	0.
38	70	T-	0.	0.	0.
38	69	T-	0.	0.	0.
38	28	W	-5.1248	-0.1214	-1.5217
38	30	W	4.508	2.8259	-1.1641
38	70	W	3.6032	1.9029	-1.6971
38	69	W	10.097	1.9482	-2.0548
38	28	Qm-1	0.1098	0.651	-0.3788
38	30	Qm-1	0.0818	0.7517	-0.3929
38	70	Qm-1	0.6372	0.9177	-0.4098
38	69	Qm-1	0.4714	0.7362	-0.3957
38	28	Qm-2	0.0288	0.2046	-0.1826
38	30	Qm-2	0.0169	0.2736	-0.1758
38	70	Qm-2	0.1498	0.3026	-0.1768
38	69	Qm-2	0.0954	0.1831	-0.1836
39	30	DEAD	0.	0.	0.
39	32	DEAD	0.	0.	0.
39	71	DEAD	0.	0.	0.
39	70	DEAD	0.	0.	0.
39	30	G1	-6.014E-09	-4.821E-08	-1.642E-08
39	32	G1	-7.873E-09	-5.109E-08	-1.781E-08
39	71	G1	-6.502E-09	-3.894E-08	-1.961E-08
39	70	G1	-1.155E-08	-5.034E-08	-1.639E-08
39	30	G2	-0.0705	-0.586	-0.0054
39	32	G2	-0.0886	-0.6652	-0.022
39	71	G2	-0.2075	-0.6455	-0.0213
39	70	G2	-0.1922	-0.574	-0.0047
39	30	Qm	0.1156	1.2185	-0.417
39	32	Qm	0.1399	1.5437	-0.4039
39	71	Qm	0.506	1.5955	-0.4005
39	70	Qm	0.4096	1.2357	-0.4136
39	30	Qs	-6.894E-10	-3.997E-09	-8.833E-11
39	32	Qs	-4.984E-10	-3.896E-09	-4.993E-11
39	71	Qs	-1.288E-09	-3.931E-09	-1.548E-10
39	70	Qs	-1.440E-09	-4.416E-09	-1.164E-10
39	30	T+	0.	0.	0.
39	32	T+	0.	0.	0.
39	71	T+	0.	0.	0.
39	70	T+	0.	0.	0.
39	30	T-	0.	0.	0.
39	32	T-	0.	0.	0.
39	71	T-	0.	0.	0.
39	70	T-	0.	0.	0.
39	30	W	4.5203	2.8874	-1.3386
39	32	W	1.8292	3.0293	-0.9805
39	71	W	4.029	2.6432	-0.4718

Table 27: Element Forces - Area Shells, Part 2 of 3

Area	Joint	OutputCase	M11	M22	M12
			KN-mm/mm	KN-mm/mm	KN-mm/mm
39	70	W	3.5841	1.8074	-0.8299
39	30	Qm-1	0.083	0.7578	-0.4391
39	32	Qm-1	0.0863	0.6002	-0.5307
39	71	Qm-1	0.5831	1.09	-0.5194
39	70	Qm-1	0.6372	0.9178	-0.4278
39	30	Qm-2	0.0171	0.2746	-0.1876
39	32	Qm-2	0.0233	0.276	-0.2099
39	71	Qm-2	0.0904	0.3893	-0.1951
39	70	Qm-2	0.151	0.3084	-0.1729
40	32	DEAD	0.	0.	0.
40	34	DEAD	0.	0.	0.
40	72	DEAD	0.	0.	0.
40	71	DEAD	0.	0.	0.
40	32	G1	-7.877E-09	-4.743E-08	-2.057E-08
40	34	G1	-7.399E-09	-6.087E-08	-2.127E-08
40	72	G1	-2.335E-09	-6.015E-08	-2.305E-08
40	71	G1	-7.266E-09	-4.318E-08	-2.234E-08
40	32	G2	-0.0887	-0.6657	-0.0391
40	34	G2	-0.091	-0.6952	-0.0576
40	72	G2	-0.2118	-0.6745	-0.0587
40	71	G2	-0.2075	-0.6455	-0.0402
40	32	Qm	0.14	1.5445	-0.3964
40	34	Qm	0.159	1.8644	-0.3927
40	72	Qm	0.5936	1.9555	-0.3865
40	71	Qm	0.5061	1.5956	-0.3903
40	32	Qs	-3.797E-10	-3.645E-09	-8.444E-11
40	34	Qs	-7.065E-10	-3.910E-09	-9.828E-12
40	72	Qs	-1.183E-09	-3.939E-09	-1.794E-11
40	71	Qs	-1.341E-09	-4.024E-09	-5.416E-11
40	32	T+	0.	0.	0.
40	34	T+	0.	0.	0.
40	72	T+	0.	0.	0.
40	71	T+	0.	0.	0.
40	32	T-	0.	0.	0.
40	34	T-	0.	0.	0.
40	72	T-	0.	0.	0.
40	71	T-	0.	0.	0.
40	32	W	1.829	3.028	-0.3867
40	34	W	1.8386	3.336	-0.0363
40	72	W	4.0442	2.9336	-0.0165
40	71	W	4.026	2.6285	-0.367
40	32	Qm-1	0.0863	0.6005	-0.6168
40	34	Qm-1	0.1253	0.0823	-0.6982
40	72	Qm-1	0.6991	0.198	-0.7892
40	71	Qm-1	0.583	1.0897	-0.7078
40	32	Qm-2	0.0234	0.2761	-0.225
40	34	Qm-2	0.0225	0.1801	-0.2459
40	72	Qm-2	0.1547	0.2069	-0.2707
40	71	Qm-2	0.0904	0.3893	-0.2498
41	34	DEAD	0.	0.	0.
41	36	DEAD	0.	0.	0.
41	73	DEAD	0.	0.	0.
41	72	DEAD	0.	0.	0.
41	34	G1	-6.893E-09	-5.805E-08	-2.191E-08

Table 27: Element Forces - Area Shells, Part 2 of 3

Area	Joint	OutputCase	M11	M22	M12
			KN-mm/mm	KN-mm/mm	KN-mm/mm
41	36	G1	-1.130E-08	-7.820E-08	-2.059E-08
41	73	G1	-1.707E-09	-7.893E-08	-2.191E-08
41	72	G1	-1.987E-09	-5.825E-08	-2.200E-08
41	34	G2	-0.0909	-0.6949	-0.0752
41	36	G2	-0.0773	-0.673	-0.0927
41	73	G2	-0.2051	-0.6593	-0.0954
41	72	G2	-0.2118	-0.6745	-0.0779
41	34	Qm	0.159	1.8648	-0.3923
41	36	Qm	0.1795	2.1192	-0.3934
41	73	Qm	0.6566	2.2157	-0.3893
41	72	Qm	0.5936	1.9557	-0.3883
41	34	Qs	-7.006E-10	-3.992E-09	-3.325E-11
41	36	Qs	-8.930E-10	-3.775E-09	1.920E-11
41	73	Qs	-1.310E-09	-4.181E-09	3.325E-11
41	72	Qs	-1.084E-09	-3.999E-09	1.920E-11
41	34	T+	0.	0.	0.
41	36	T+	0.	0.	0.
41	73	T+	0.	0.	0.
41	72	T+	0.	0.	0.
41	34	T-	0.	0.	0.
41	36	T-	0.	0.	0.
41	73	T-	0.	0.	0.
41	72	T-	0.	0.	0.
41	34	W	1.8389	3.3378	0.5597
41	36	W	4.549	3.8077	0.9218
41	73	W	3.6385	2.7187	0.4523
41	72	W	4.0471	2.9483	0.0902
41	34	Qm-1	0.1242	0.0769	-0.7263
41	36	Qm-1	0.193	-0.6489	-0.7101
41	73	Qm-1	0.5946	-0.6517	-0.7684
41	72	Qm-1	0.6989	0.1972	-0.7846
41	34	Qm-2	0.0223	0.1792	-0.2549
41	36	Qm-2	0.0402	0.0236	-0.2437
41	73	Qm-2	0.1046	-0.0129	-0.2526
41	72	Qm-2	0.1536	0.201	-0.2638
42	36	DEAD	0.	0.	0.
42	38	DEAD	0.	0.	0.
42	74	DEAD	0.	0.	0.
42	73	DEAD	0.	0.	0.
42	36	G1	-1.114E-08	-7.985E-08	-2.011E-08
42	38	G1	-8.690E-09	-8.951E-08	-1.953E-08
42	74	G1	-1.012E-08	-9.284E-08	-1.940E-08
42	73	G1	-7.546E-10	-7.750E-08	-2.060E-08
42	36	G2	-0.0764	-0.6685	-0.1062
42	38	G2	-0.0221	-0.6029	-0.1249
42	74	G2	-0.1941	-0.5805	-0.1325
42	73	G2	-0.2056	-0.6616	-0.1138
42	36	Qm	0.1795	2.1193	-0.3921
42	38	Qm	0.1969	2.2802	-0.3911
42	74	Qm	0.7001	2.3753	-0.3905
42	73	Qm	0.6566	2.2158	-0.3914
42	36	Qs	-9.222E-10	-3.984E-09	3.839E-11
42	38	Qs	-8.252E-10	-3.966E-09	-5.939E-12
42	74	Qs	-1.388E-09	-3.918E-09	3.839E-11

Table 27: Element Forces - Area Shells, Part 2 of 3

Area	Joint	OutputCase	M11	M22	M12
			KN-mm/mm	KN-mm/mm	KN-mm/mm
42	73	Qs	-1.235E-09	-3.955E-09	8.272E-11
42	36	T+	0.	0.	0.
42	38	T+	0.	0.	0.
42	74	T+	0.	0.	0.
42	73	T+	0.	0.	0.
42	36	T-	0.	0.	0.
42	38	T-	0.	0.	0.
42	74	T-	0.	0.	0.
42	73	T-	0.	0.	0.
42	36	W	4.5368	3.7466	0.7538
42	38	W	-5.0763	1.3987	1.1193
42	74	W	10.1873	3.4535	1.6905
42	73	W	3.6576	2.8142	1.325
42	36	Qm-1	0.1935	-0.6464	-0.6793
42	38	Qm-1	0.2018	-1.311	-0.6362
42	74	Qm-1	0.5673	-1.3581	-0.6894
42	73	Qm-1	0.5945	-0.6526	-0.7324
42	36	Qm-2	0.0401	0.0233	-0.2309
42	38	Qm-2	0.0321	-0.1104	-0.2158
42	74	Qm-2	0.0584	-0.1327	-0.215
42	73	Qm-2	0.1054	-0.0088	-0.2302
43	38	DEAD	0.	0.	0.
43	40	DEAD	0.	0.	0.
43	75	DEAD	0.	0.	0.
43	74	DEAD	0.	0.	0.
43	38	G1	-7.160E-09	-8.646E-08	-1.702E-08
43	40	G1	-9.151E-09	-1.009E-07	-1.489E-08
43	75	G1	-8.401E-09	-1.044E-07	-1.595E-08
43	74	G1	-9.328E-09	-9.536E-08	-1.808E-08
43	38	G2	-0.0238	-0.6112	-0.1416
43	40	G2	0.1556	-0.2848	-0.1268
43	75	G2	-0.245	-0.5043	-0.1368
43	74	G2	-0.1934	-0.577	-0.1516
43	38	Qm	0.197	2.2804	-0.387
43	40	Qm	0.209	2.343	-0.3834
43	75	Qm	0.7274	2.4351	-0.3865
43	74	Qm	0.7001	2.3754	-0.3901
43	38	Qs	-8.032E-10	-3.674E-09	1.041E-10
43	40	Qs	-8.743E-10	-3.946E-09	1.181E-10
43	75	Qs	-1.446E-09	-3.962E-09	1.263E-10
43	74	Qs	-1.423E-09	-4.162E-09	7.381E-11
43	38	T+	0.	0.	0.
43	40	T+	0.	0.	0.
43	75	T+	0.	0.	0.
43	74	T+	0.	0.	0.
43	38	T-	0.	0.	0.
43	40	T-	0.	0.	0.
43	75	T-	0.	0.	0.
43	74	T-	0.	0.	0.
43	38	W	-5.0986	1.287	4.927
43	40	W	37.3652	8.7994	3.8815
43	75	W	2.1704	7.9176	-2.7959
43	74	W	10.1356	3.1952	-1.7504
43	38	Qm-1	0.2019	-1.3102	-0.5933

Table 27: Element Forces - Area Shells, Part 2 of 3

Area	Joint	OutputCase	M11	M22	M12
			KN-mm/mm	KN-mm/mm	KN-mm/mm
43	40	Qm-1	0.2069	-1.8274	-0.5394
43	75	Qm-1	0.5411	-1.8977	-0.579
43	74	Qm-1	0.5672	-1.3586	-0.6329
43	38	Qm-2	0.0322	-0.1097	-0.204
43	40	Qm-2	0.0207	-0.2002	-0.1943
43	75	Qm-2	0.0306	-0.2163	-0.1934
43	74	Qm-2	0.0583	-0.133	-0.203
44	40	DEAD	0.	0.	0.
44	42	DEAD	0.	0.	0.
44	76	DEAD	0.	0.	0.
44	75	DEAD	0.	0.	0.
44	40	G1	-8.166E-09	-1.030E-07	-1.356E-08
44	42	G1	-7.287E-09	-9.518E-08	-1.253E-08
44	76	G1	-7.856E-09	-1.067E-07	-1.285E-08
44	75	G1	-8.351E-09	-1.016E-07	-1.572E-08
44	40	G2	0.1556	-0.2848	-0.0951
44	42	G2	-0.0271	-0.5887	-0.0806
44	76	G2	-0.1999	-0.5538	-0.0666
44	75	G2	-0.245	-0.5043	-0.0812
44	40	Qm	0.2091	2.3431	-0.3766
44	42	Qm	0.2155	2.3086	-0.3709
44	76	Qm	0.741	2.3981	-0.378
44	75	Qm	0.7274	2.4351	-0.3837
44	40	Qs	-8.865E-10	-4.119E-09	6.742E-11
44	42	Qs	-8.181E-10	-3.098E-09	1.117E-10
44	76	Qs	-1.211E-09	-3.679E-09	1.117E-10
44	75	Qs	-1.519E-09	-3.943E-09	6.742E-11
44	40	T+	0.	0.	0.
44	42	T+	0.	0.	0.
44	76	T+	0.	0.	0.
44	75	T+	0.	0.	0.
44	40	T-	0.	0.	0.
44	42	T-	0.	0.	0.
44	76	T-	0.	0.	0.
44	75	T-	0.	0.	0.
44	40	W	37.3651	8.7989	-4.8923
44	42	W	-5.1461	1.8519	-5.9418
44	76	W	10.0572	3.7723	0.8095
44	75	W	2.1704	7.9174	1.8589
44	40	Qm-1	0.207	-1.8271	-0.4887
44	42	Qm-1	0.2095	-2.1582	-0.4295
44	76	Qm-1	0.5344	-2.2394	-0.4567
44	75	Qm-1	0.541	-1.8979	-0.5158
44	40	Qm-2	0.0207	-0.2002	-0.186
44	42	Qm-2	0.0146	-0.2505	-0.1795
44	76	Qm-2	0.0179	-0.2634	-0.1796
44	75	Qm-2	0.0306	-0.2163	-0.1862
45	42	DEAD	0.	0.	0.
45	44	DEAD	0.	0.	0.
45	77	DEAD	0.	0.	0.
45	76	DEAD	0.	0.	0.
45	42	G1	-6.547E-09	-9.800E-08	-8.900E-09
45	44	G1	-8.462E-09	-9.680E-08	-6.772E-09
45	77	G1	-3.665E-09	-9.742E-08	-7.481E-09

Table 27: Element Forces - Area Shells, Part 2 of 3

Area	Joint	OutputCase	M11	M22	M12
			KN-mm/mm	KN-mm/mm	KN-mm/mm
45	76	G1	-8.507E-09	-1.066E-07	-9.609E-09
45	42	G2	-0.0254	-0.5805	-0.098
45	44	G2	-0.0826	-0.62	-0.1174
45	77	G2	-0.2182	-0.6118	-0.1058
45	76	G2	-0.2006	-0.5573	-0.0863
45	42	Qm	0.2156	2.3087	-0.3623
45	44	Qm	0.217	2.1818	-0.3553
45	77	Qm	0.743	2.2693	-0.3667
45	76	Qm	0.741	2.3981	-0.3737
45	42	Qs	-7.536E-10	-3.373E-09	2.414E-10
45	44	Qs	-6.936E-10	-2.976E-09	2.717E-10
45	77	Qs	-1.097E-09	-2.963E-09	2.193E-10
45	76	Qs	-1.306E-09	-3.644E-09	2.274E-10
45	42	T+	0.	0.	0.
45	44	T+	0.	0.	0.
45	77	T+	0.	0.	0.
45	76	T+	0.	0.	0.
45	42	T-	0.	0.	0.
45	44	T-	0.	0.	0.
45	77	T-	0.	0.	0.
45	76	T-	0.	0.	0.
45	42	W	-5.124	1.9624	-2.1435
45	44	W	4.4542	4.8775	-1.7898
45	77	W	3.4713	3.9616	-2.2839
45	76	W	10.1088	4.0304	-2.6376
45	42	Qm-1	0.2095	-2.1581	-0.3754
45	44	Qm-1	0.2157	-2.2813	-0.3133
45	77	Qm-1	0.5446	-2.3673	-0.3272
45	76	Qm-1	0.5344	-2.2394	-0.3892
45	42	Qm-2	0.0146	-0.2505	-0.173
45	44	Qm-2	0.0159	-0.2624	-0.1673
45	77	Qm-2	0.0193	-0.2756	-0.1688
45	76	Qm-2	0.0179	-0.2633	-0.1745
46	44	DEAD	0.	0.	0.
46	46	DEAD	0.	0.	0.
46	78	DEAD	0.	0.	0.
46	77	DEAD	0.	0.	0.
46	44	G1	-7.549E-09	-9.387E-08	-5.514E-09
46	46	G1	-2.242E-09	-8.704E-08	-3.031E-09
46	78	G1	-8.524E-09	-9.768E-08	-2.677E-09
46	77	G1	-2.774E-09	-9.714E-08	-5.159E-09
46	44	G2	-0.0835	-0.6245	-0.1321
46	46	G2	-0.0987	-0.6132	-0.1509
46	78	G2	-0.2292	-0.5911	-0.1441
46	77	G2	-0.2177	-0.6094	-0.1253
46	44	Qm	0.217	2.1818	-0.346
46	46	Qm	0.2142	1.9693	-0.3385
46	78	Qm	0.7348	2.0552	-0.354
46	77	Qm	0.743	2.2693	-0.3614
46	44	Qs	-7.349E-10	-2.967E-09	2.756E-10
46	46	Qs	-4.267E-10	-2.542E-09	3.421E-10
46	78	Qs	-1.405E-09	-3.128E-09	3.643E-10
46	77	Qs	-1.042E-09	-2.958E-09	2.978E-10
46	44	T+	0.	0.	0.

Table 27: Element Forces - Area Shells, Part 2 of 3

Area	Joint	OutputCase	M11	M22	M12
			KN-mm/mm	KN-mm/mm	KN-mm/mm
46	46	T+	0.	0.	0.
46	78	T+	0.	0.	0.
46	77	T+	0.	0.	0.
46	44	T-	0.	0.	0.
46	46	T-	0.	0.	0.
46	78	T-	0.	0.	0.
46	77	T-	0.	0.	0.
46	44	W	4.4661	4.9373	-1.9825
46	46	W	1.6187	5.0155	-1.6405
46	78	W	3.7675	4.6725	-1.0761
46	77	W	3.4521	3.8654	-1.4181
46	44	Qm-1	0.2157	-2.2812	-0.2568
46	46	Qm-1	0.2264	-2.1886	-0.193
46	78	Qm-1	0.5734	-2.2739	-0.1934
46	77	Qm-1	0.5446	-2.3672	-0.2573
46	44	Qm-2	0.0159	-0.2623	-0.1605
46	46	Qm-2	0.0248	-0.2359	-0.1535
46	78	Qm-2	0.0357	-0.2532	-0.1568
46	77	Qm-2	0.0193	-0.2755	-0.1637
47	46	DEAD	0.	0.	0.
47	48	DEAD	0.	0.	0.
47	79	DEAD	0.	0.	0.
47	78	DEAD	0.	0.	0.
47	46	G1	-3.217E-09	-9.066E-08	-4.222E-10
47	48	G1	-3.577E-09	-7.366E-08	2.804E-09
47	79	G1	-3.616E-09	-7.988E-08	2.060E-09
47	78	G1	-6.636E-09	-9.534E-08	6.765E-10
47	46	G2	-0.0988	-0.6135	-0.1699
47	48	G2	-0.0953	-0.5397	-0.1899
47	79	G2	-0.2268	-0.5182	-0.185
47	78	G2	-0.2292	-0.5911	-0.165
47	46	Qm	0.2142	1.9693	-0.3289
47	48	Qm	0.2084	1.6803	-0.3213
47	79	Qm	0.7178	1.7638	-0.3407
47	78	Qm	0.7348	2.0552	-0.3483
47	46	Qs	-4.638E-10	-2.837E-09	4.147E-10
47	48	Qs	-5.603E-10	-2.218E-09	4.125E-10
47	79	Qs	-1.331E-09	-2.452E-09	4.812E-10
47	78	Qs	-1.403E-09	-3.104E-09	3.682E-10
47	46	T+	0.	0.	0.
47	48	T+	0.	0.	0.
47	79	T+	0.	0.	0.
47	78	T+	0.	0.	0.
47	46	T-	0.	0.	0.
47	48	T-	0.	0.	0.
47	79	T-	0.	0.	0.
47	78	T-	0.	0.	0.
47	46	W	1.6178	5.011	-1.0619
47	48	W	1.7981	5.3509	-0.7327
47	79	W	3.3928	4.8725	-0.6697
47	78	W	3.7645	4.6577	-0.9989
47	46	Qm-1	0.2264	-2.1886	-0.1351
47	48	Qm-1	0.2373	-1.8854	-0.0711
47	79	Qm-1	0.6269	-1.96	-0.0588

Table 27: Element Forces - Area Shells, Part 2 of 3

Area	Joint	OutputCase	M11	M22	M12
			KN-mm/mm	KN-mm/mm	KN-mm/mm
47	78	Qm-1	0.5734	-2.2738	-0.1228
47	46	Qm-2	0.0248	-0.2358	-0.1442
47	48	Qm-2	0.0407	-0.1696	-0.1336
47	79	Qm-2	0.0694	-0.1954	-0.1388
47	78	Qm-2	0.0357	-0.2531	-0.1494
48	48	DEAD	0.	0.	0.
48	50	DEAD	0.	0.	0.
48	80	DEAD	0.	0.	0.
48	79	DEAD	0.	0.	0.
48	48	G1	-4.482E-09	-7.632E-08	3.216E-09
48	50	G1	-6.457E-09	-5.822E-08	5.863E-09
48	80	G1	-1.379E-09	-6.294E-08	6.408E-09
48	79	G1	-2.245E-09	-7.866E-08	6.218E-09
48	48	G2	-0.0952	-0.5389	-0.2079
48	50	G2	-0.0696	-0.4	-0.2258
48	80	G2	-0.2077	-0.3891	-0.2239
48	79	G2	-0.2268	-0.5181	-0.2061
48	48	Qm	0.2084	1.6802	-0.3118
48	50	Qm	0.2018	1.3273	-0.3037
48	80	Qm	0.693	1.4054	-0.3268
48	79	Qm	0.7178	1.7637	-0.3348
48	48	Qs	-4.758E-10	-2.230E-09	4.420E-10
48	50	Qs	-6.314E-10	-1.889E-09	5.025E-10
48	80	Qs	-1.385E-09	-2.119E-09	5.306E-10
48	79	Qs	-1.349E-09	-2.485E-09	5.469E-10
48	48	T+	0.	0.	0.
48	50	T+	0.	0.	0.
48	80	T+	0.	0.	0.
48	79	T+	0.	0.	0.
48	48	T-	0.	0.	0.
48	50	T-	0.	0.	0.
48	80	T-	0.	0.	0.
48	79	T-	0.	0.	0.
48	48	W	1.7983	5.3517	-0.2524
48	50	W	3.1636	5.6337	0.0924
48	80	W	3.1771	4.7723	-0.1396
48	79	W	3.3944	4.8802	-0.4843
48	48	Qm-1	0.2372	-1.8859	-0.0154
48	50	Qm-1	0.2488	-1.3935	0.0443
48	80	Qm-1	0.6896	-1.4404	0.071
48	79	Qm-1	0.6269	-1.9596	0.0113
48	48	Qm-2	0.0406	-0.1701	-0.1196
48	50	Qm-2	0.0558	-0.0613	-0.1025
48	80	Qm-2	0.1272	-0.0983	-0.1091
48	79	Qm-2	0.0695	-0.1951	-0.1262
49	50	DEAD	0.	0.	0.
49	52	DEAD	0.	0.	0.
49	81	DEAD	0.	0.	0.
49	80	DEAD	0.	0.	0.
49	50	G1	-6.444E-09	-6.147E-08	6.512E-09
49	52	G1	-4.217E-09	-3.756E-08	7.576E-09
49	81	G1	-4.152E-10	-4.409E-08	8.640E-09
49	80	G1	-4.928E-10	-5.724E-08	7.576E-09
49	50	G2	-0.0685	-0.3946	-0.2366

Table 27: Element Forces - Area Shells, Part 2 of 3

Area	Joint	OutputCase	M11	M22	M12
			KN-mm/mm	KN-mm/mm	KN-mm/mm
49	52	G2	0.0126	-0.1954	-0.2532
49	81	G2	-0.1728	-0.1839	-0.2605
49	80	G2	-0.2081	-0.3913	-0.2439
49	50	Qm	0.2019	1.3275	-0.2933
49	52	Qm	0.1988	0.9298	-0.2829
49	81	Qm	0.6612	0.9929	-0.3094
49	80	Qm	0.693	1.4053	-0.3198
49	50	Qs	-6.630E-10	-1.930E-09	4.991E-10
49	52	Qs	-8.308E-10	-1.617E-09	4.769E-10
49	81	Qs	-1.159E-09	-1.882E-09	4.991E-10
49	80	Qs	-1.366E-09	-1.763E-09	5.213E-10
49	50	T+	0.	0.	0.
49	52	T+	0.	0.	0.
49	81	T+	0.	0.	0.
49	80	T+	0.	0.	0.
49	50	T-	0.	0.	0.
49	52	T-	0.	0.	0.
49	81	T-	0.	0.	0.
49	80	T-	0.	0.	0.
49	50	W	3.1593	5.6124	0.2317
49	52	W	-1.4579	4.5093	0.6142
49	81	W	6.7116	5.1051	0.8077
49	80	W	3.1867	4.82	0.4252
49	50	Qm-1	0.2484	-1.3957	0.0949
49	52	Qm-1	0.2038	-0.782	0.1361
49	81	Qm-1	0.8406	-0.7201	0.1695
49	80	Qm-1	0.6897	-1.4397	0.1283
49	50	Qm-2	0.0559	-0.0608	-0.0859
49	52	Qm-2	0.0495	0.0692	-0.0711
49	81	Qm-2	0.1937	0.0827	-0.0707
49	80	Qm-2	0.1264	-0.1023	-0.0855
50	52	DEAD	0.	0.	0.
50	54	DEAD	0.	0.	0.
50	82	DEAD	0.	0.	0.
50	81	DEAD	0.	0.	0.
50	52	G1	-6.199E-09	-4.007E-08	7.836E-09
50	54	G1	-7.898E-09	-2.119E-08	6.417E-09
50	82	G1	2.667E-09	-1.383E-08	8.545E-09
50	81	G1	2.830E-09	-3.671E-08	9.964E-09
50	52	G2	0.012	-0.1984	-0.2606
50	54	G2	0.2659	0.267	-0.2446
50	82	G2	-0.1876	0.0465	-0.2654
50	81	G2	-0.1725	-0.1825	-0.2815
50	52	Qm	0.1988	0.9298	-0.2682
50	54	Qm	0.2066	0.529	-0.2474
50	82	Qm	0.6226	0.5416	-0.2765
50	81	Qm	0.6612	0.9928	-0.2973
50	52	Qs	-6.917E-10	-1.573E-09	4.607E-10
50	54	Qs	-1.004E-09	-1.103E-09	4.164E-10
50	82	Qs	-9.383E-10	-1.011E-09	4.607E-10
50	81	Qs	-1.250E-09	-1.605E-09	5.050E-10
50	52	T+	0.	0.	0.
50	54	T+	0.	0.	0.
50	82	T+	0.	0.	0.

Table 27: Element Forces - Area Shells, Part 2 of 3

Area	Joint	OutputCase	M11	M22	M12
			KN-mm/mm	KN-mm/mm	KN-mm/mm
50	81	T+	0.	0.	0.
50	52	T-	0.	0.	0.
50	54	T-	0.	0.	0.
50	82	T-	0.	0.	0.
50	81	T-	0.	0.	0.
50	52	W	-1.4243	4.6768	2.8278
50	54	W	21.853	7.6029	2.206
50	82	W	1.9643	8.0889	-1.4082
50	81	W	6.6533	4.8133	-0.7864
50	52	Qm-1	0.2049	-0.7764	0.1359
50	54	Qm-1	0.1934	-0.2901	0.0896
50	82	Qm-1	0.7822	0.12	0.1595
50	81	Qm-1	0.8407	-0.7196	0.2057
50	52	Qm-2	0.0498	0.0705	-0.0733
50	54	Qm-2	0.0689	0.14	-0.0881
50	82	Qm-2	0.1614	0.2402	-0.0759
50	81	Qm-2	0.1949	0.0887	-0.0611
51	54	DEAD	0.	0.	0.
51	56	DEAD	0.	0.	0.
51	83	DEAD	0.	0.	0.
51	82	DEAD	0.	0.	0.
51	54	G1	-1.072E-08	-2.310E-08	5.801E-09
51	56	G1	-3.512E-09	-1.053E-08	3.543E-09
51	83	G1	9.410E-10	-7.360E-09	4.028E-09
51	82	G1	2.872E-09	-1.478E-08	5.671E-09
51	54	G2	0.2648	0.2612	-0.2038
51	56	G2	0.3081	0.3045	-0.1576
51	83	G2	-0.1517	0.112	-0.1696
51	82	G2	-0.187	0.0497	-0.2158
51	54	Qm	0.2067	0.5292	-0.2187
51	56	Qm	0.2233	0.1933	-0.1833
51	83	Qm	0.6003	0.1698	-0.2116
51	82	Qm	0.6225	0.5413	-0.247
51	54	Qs	-1.009E-09	-1.086E-09	3.903E-10
51	56	Qs	-7.803E-10	-5.839E-10	3.541E-10
51	83	Qs	-1.101E-09	-4.796E-10	3.903E-10
51	82	Qs	-1.138E-09	-1.174E-09	4.649E-10
51	54	T+	0.	0.	0.
51	56	T+	0.	0.	0.
51	83	T+	0.	0.	0.
51	82	T+	0.	0.	0.
51	54	T-	0.	0.	0.
51	56	T-	0.	0.	0.
51	83	T-	0.	0.	0.
51	82	T-	0.	0.	0.
51	54	W	21.4831	5.7534	-2.6181
51	56	W	0.9907	20.081	0.6447
51	83	W	5.8481	-1.9345	4.2842
51	82	W	2.1906	9.2204	1.0214
51	54	Qm-1	0.1933	-0.2906	0.0406
51	56	Qm-1	0.2104	-0.0667	-0.0048
51	83	Qm-1	0.907	-0.0021	-0.0301
51	82	Qm-1	0.7822	0.1199	0.0153
51	54	Qm-2	0.069	0.1407	-0.0925

Table 27: Element Forces - Area Shells, Part 2 of 3

Area	Joint	OutputCase	M11	M22	M12
			KN-mm/mm	KN-mm/mm	KN-mm/mm
51	56	Qm-2	0.0903	0.108	-0.1064
51	83	Qm-2	0.2736	0.1305	-0.1402
51	82	Qm-2	0.1614	0.2402	-0.1262
52	56	DEAD	0.	0.	0.
52	58	DEAD	0.	0.	0.
52	84	DEAD	0.	0.	0.
52	83	DEAD	0.	0.	0.
52	56	G1	-4.762E-09	-8.333E-09	2.677E-09
52	58	G1	-9.124E-09	4.268E-10	4.000E-09
52	84	G1	-1.969E-09	-7.527E-10	5.514E-09
52	83	G1	1.471E-09	-1.043E-08	5.419E-09
52	56	G2	0.3092	0.3101	-0.1198
52	58	G2	0.1852	0.0011	-0.1078
52	84	G2	-0.0609	0.0022	-0.1183
52	83	G2	-0.152	0.1103	-0.1303
52	56	Qm	0.2231	0.1926	-0.1459
52	58	Qm	0.2622	0.0015	-0.1105
52	84	Qm	0.6073	-0.0012	-0.1352
52	83	Qm	0.6002	0.1696	-0.1706
52	56	Qs	-8.367E-10	-7.577E-10	2.692E-10
52	58	Qs	-1.114E-09	1.301E-10	2.935E-10
52	84	Qs	-1.396E-09	3.469E-11	3.579E-10
52	83	Qs	-1.225E-09	-6.900E-10	4.487E-10
52	56	T+	0.	0.	0.
52	58	T+	0.	0.	0.
52	84	T+	0.	0.	0.
52	83	T+	0.	0.	0.
52	56	T-	0.	0.	0.
52	58	T-	0.	0.	0.
52	84	T-	0.	0.	0.
52	83	T-	0.	0.	0.
52	56	W	-6.1388	-15.5668	3.0144
52	58	W	0.3718	2.0539	-0.2309
52	84	W	3.501	-1.1538	-0.3316
52	83	W	7.5514	6.5821	2.9137
52	56	Qm-1	0.2089	-0.074	-0.0082
52	58	Qm-1	0.2409	-0.0013	0.03
52	84	Qm-1	0.7987	-0.0048	0.0488
52	83	Qm-1	0.9069	-0.0026	0.0106
52	56	Qm-2	0.0902	0.1072	-0.1061
52	58	Qm-2	0.1535	0.002	-0.0952
52	84	Qm-2	0.2883	-0.004	-0.1215
52	83	Qm-2	0.2723	0.1244	-0.1323
53	59	DEAD	0.	0.	0.
53	60	DEAD	0.	0.	0.
53	86	DEAD	0.	0.	0.
53	85	DEAD	0.	0.	0.
53	59	G1	-1.929E-08	-2.015E-09	-1.012E-08
53	60	G1	-1.865E-08	-1.231E-08	-1.025E-08
53	86	G1	-2.376E-08	-1.483E-08	-1.118E-08
53	85	G1	-1.972E-08	4.585E-10	-1.166E-08
53	59	G2	-0.0438	0.0033	0.1364
53	60	G2	-0.1256	0.0617	0.1348
53	86	G2	-0.2863	-0.0075	0.1536

Table 27: Element Forces - Area Shells, Part 2 of 3

Area	Joint	OutputCase	M11	M22	M12
			KN-mm/mm	KN-mm/mm	KN-mm/mm
53	85	G2	-0.288	-6.484E-04	0.1553
53	59	Qm	0.0968	-9.359E-04	-0.1019
53	60	Qm	0.114	-0.036	-0.0832
53	86	Qm	0.3895	-0.0144	-0.0912
53	85	Qm	0.378	-9.415E-04	-0.1099
53	59	Qs	-1.540E-09	-1.329E-10	-3.460E-10
53	60	Qs	-1.623E-09	-6.983E-10	-3.984E-10
53	86	Qs	-2.011E-09	-6.926E-10	-4.347E-10
53	85	Qs	-1.967E-09	-8.874E-11	-4.206E-10
53	59	T+	0.	0.	0.
53	60	T+	0.	0.	0.
53	86	T+	0.	0.	0.
53	85	T+	0.	0.	0.
53	59	T-	0.	0.	0.
53	60	T-	0.	0.	0.
53	86	T-	0.	0.	0.
53	85	T-	0.	0.	0.
53	59	W	7.6883	0.1238	-1.2707
53	60	W	4.3768	2.2903	-1.0074
53	86	W	4.823	0.6765	-0.2141
53	85	W	4.7457	-0.0256	-0.4774
53	59	Qm-1	0.147	-0.0011	-0.1434
53	60	Qm-1	0.1763	-0.0695	-0.1194
53	86	Qm-1	0.5328	-0.0402	-0.1342
53	85	Qm-1	0.513	-0.0011	-0.1581
53	59	Qm-2	-0.0715	-1.179E-04	-0.0502
53	60	Qm-2	-0.0627	-0.017	-0.0509
53	86	Qm-2	-0.0519	-0.0086	-0.0552
53	85	Qm-2	-0.0587	-2.305E-04	-0.0544
54	60	DEAD	0.	0.	0.
54	61	DEAD	0.	0.	0.
54	87	DEAD	0.	0.	0.
54	86	DEAD	0.	0.	0.
54	60	G1	-2.215E-08	-1.375E-08	-1.055E-08
54	61	G1	-1.828E-08	-2.319E-08	-1.103E-08
54	87	G1	-2.477E-08	-2.364E-08	-1.055E-08
54	86	G1	-2.019E-08	-1.251E-08	-1.067E-08
54	60	G2	-0.126	0.0599	0.1581
54	61	G2	-0.1174	-0.0442	0.1633
54	87	G2	-0.2958	-0.0698	0.1565
54	86	G2	-0.2862	-0.0068	0.1514
54	60	Qm	0.1141	-0.0358	-0.0757
54	61	Qm	0.1126	-0.0085	-0.0682
54	87	Qm	0.3869	0.0443	-0.0637
54	86	Qm	0.3895	-0.0145	-0.0712
54	60	Qs	-1.809E-09	-8.817E-10	-4.658E-10
54	61	Qs	-1.538E-09	-1.441E-09	-4.799E-10
54	87	Qs	-2.225E-09	-1.630E-09	-5.323E-10
54	86	Qs	-1.843E-09	-5.712E-10	-4.799E-10
54	60	T+	0.	0.	0.
54	61	T+	0.	0.	0.
54	87	T+	0.	0.	0.
54	86	T+	0.	0.	0.
54	60	T-	0.	0.	0.

Table 27: Element Forces - Area Shells, Part 2 of 3

Area	Joint	OutputCase	M11	M22	M12
			KN-mm/mm	KN-mm/mm	KN-mm/mm
54	61	T-	0.	0.	0.
54	87	T-	0.	0.	0.
54	86	T-	0.	0.	0.
54	60	W	4.3796	2.3046	0.0343
54	61	W	5.4928	-0.1054	0.1888
54	87	W	4.1479	0.6258	-0.005
54	86	W	4.8178	0.6503	-0.1595
54	60	Qm-1	0.1764	-0.0692	-0.1088
54	61	Qm-1	0.1849	-0.0751	-0.0995
54	87	Qm-1	0.5368	-0.0076	-0.101
54	86	Qm-1	0.5328	-0.04	-0.1103
54	60	Qm-2	-0.0627	-0.0169	-0.0551
54	61	Qm-2	-0.0582	-0.0161	-0.0603
54	87	Qm-2	-0.0481	0.0046	-0.0615
54	86	Qm-2	-0.0519	-0.0087	-0.0563
55	61	DEAD	0.	0.	0.
55	62	DEAD	0.	0.	0.
55	88	DEAD	0.	0.	0.
55	87	DEAD	0.	0.	0.
55	61	G1	-2.104E-08	-2.088E-08	-1.122E-08
55	62	G1	-2.130E-08	-3.437E-08	-1.229E-08
55	88	G1	-2.321E-08	-2.962E-08	-1.335E-08
55	87	G1	-2.249E-08	-2.120E-08	-1.229E-08
55	61	G2	-0.118	-0.0474	0.1575
55	62	G2	-0.1496	-0.1807	0.1456
55	88	G2	-0.2916	-0.1645	0.1418
55	87	G2	-0.2959	-0.0704	0.1537
55	61	Qm	0.1127	-0.008	-0.0727
55	62	Qm	0.0982	0.0747	-0.0799
55	88	Qm	0.3716	0.1663	-0.0652
55	87	Qm	0.387	0.0446	-0.0579
55	61	Qs	-1.545E-09	-1.384E-09	-5.316E-10
55	62	Qs	-1.294E-09	-1.889E-09	-5.759E-10
55	88	Qs	-2.612E-09	-2.396E-09	-6.202E-10
55	87	Qs	-2.106E-09	-1.094E-09	-5.759E-10
55	61	T+	0.	0.	0.
55	62	T+	0.	0.	0.
55	88	T+	0.	0.	0.
55	87	T+	0.	0.	0.
55	61	T-	0.	0.	0.
55	62	T-	0.	0.	0.
55	88	T-	0.	0.	0.
55	87	T-	0.	0.	0.
55	61	W	5.5166	0.0136	-0.3911
55	62	W	3.3436	0.3446	-0.5215
55	88	W	4.0851	0.2881	-0.056
55	87	W	4.1364	0.5682	0.0744
55	61	Qm-1	0.185	-0.0746	-0.1024
55	62	Qm-1	0.1826	-0.0286	-0.1092
55	88	Qm-1	0.5331	0.0769	-0.1025
55	87	Qm-1	0.5369	-0.007	-0.0957
55	61	Qm-2	-0.0582	-0.016	-0.0692
55	62	Qm-2	-0.0562	-0.0011	-0.0796
55	88	Qm-2	-0.0464	0.0319	-0.0786

Table 27: Element Forces - Area Shells, Part 2 of 3

Area	Joint	OutputCase	M11	M22	M12
			KN-mm/mm	KN-mm/mm	KN-mm/mm
55	87	Qm-2	-0.048	0.0049	-0.0682
56	62	DEAD	0.	0.	0.
56	63	DEAD	0.	0.	0.
56	89	DEAD	0.	0.	0.
56	88	DEAD	0.	0.	0.
56	62	G1	-1.990E-08	-3.083E-08	-1.388E-08
56	63	G1	-2.184E-08	-3.372E-08	-1.410E-08
56	89	G1	-2.190E-08	-3.442E-08	-1.459E-08
56	88	G1	-2.410E-08	-3.013E-08	-1.375E-08
56	62	G2	-0.1492	-0.1785	0.1273
56	63	G2	-0.1722	-0.2694	0.1093
56	89	G2	-0.2977	-0.2502	0.1081
56	88	G2	-0.2917	-0.1649	0.126
56	62	Qm	0.0984	0.0753	-0.0976
56	63	Qm	0.081	0.193	-0.1215
56	89	Qm	0.3526	0.3254	-0.1024
56	88	Qm	0.3717	0.1669	-0.0785
56	62	Qs	-1.398E-09	-1.977E-09	-5.490E-10
56	63	Qs	-1.575E-09	-2.312E-09	-5.106E-10
56	89	Qs	-2.063E-09	-2.509E-09	-6.155E-10
56	88	Qs	-2.539E-09	-2.212E-09	-5.771E-10
56	62	T+	0.	0.	0.
56	63	T+	0.	0.	0.
56	89	T+	0.	0.	0.
56	88	T+	0.	0.	0.
56	62	T-	0.	0.	0.
56	63	T-	0.	0.	0.
56	89	T-	0.	0.	0.
56	88	T-	0.	0.	0.
56	62	W	3.3337	0.2953	-0.3455
56	63	W	2.9511	0.7092	-0.2407
56	89	W	3.6554	0.4621	-0.047
56	88	W	4.094	0.3324	-0.1518
56	62	Qm-1	0.1827	-0.0281	-0.1239
56	63	Qm-1	0.1813	0.0504	-0.1443
56	89	Qm-1	0.5365	0.1839	-0.137
56	88	Qm-1	0.5333	0.0776	-0.1165
56	62	Qm-2	-0.0561	-9.669E-04	-0.092
56	63	Qm-2	-0.0529	0.0203	-0.1063
56	89	Qm-2	-0.0415	0.0601	-0.1059
56	88	Qm-2	-0.0464	0.0321	-0.0916
57	63	DEAD	0.	0.	0.
57	64	DEAD	0.	0.	0.
57	90	DEAD	0.	0.	0.
57	89	DEAD	0.	0.	0.
57	63	G1	-2.306E-08	-3.589E-08	-1.485E-08
57	64	G1	-1.744E-08	-3.906E-08	-1.627E-08
57	90	G1	-2.408E-08	-3.460E-08	-1.627E-08
57	89	G1	-2.134E-08	-3.197E-08	-1.485E-08
57	63	G2	-0.1723	-0.2694	0.0911
57	64	G2	-0.1831	-0.3356	0.0724
57	90	G2	-0.3051	-0.3149	0.0707
57	89	G2	-0.2977	-0.25	0.0894
57	63	Qm	0.0811	0.1936	-0.152

Table 27: Element Forces - Area Shells, Part 2 of 3

Area	Joint	OutputCase	M11	M22	M12
			KN-mm/mm	KN-mm/mm	KN-mm/mm
57	64	Qm	0.0723	0.3218	-0.1912
57	90	Qm	0.344	0.4858	-0.1755
57	89	Qm	0.3527	0.3262	-0.1364
57	63	Qs	-1.534E-09	-2.504E-09	-5.486E-10
57	64	Qs	-1.256E-09	-2.663E-09	-5.183E-10
57	90	Qs	-2.446E-09	-2.806E-09	-5.264E-10
57	89	Qs	-2.259E-09	-2.624E-09	-5.183E-10
57	63	T+	0.	0.	0.
57	64	T+	0.	0.	0.
57	90	T+	0.	0.	0.
57	89	T+	0.	0.	0.
57	63	T-	0.	0.	0.
57	64	T-	0.	0.	0.
57	90	T-	0.	0.	0.
57	89	T-	0.	0.	0.
57	63	W	2.9497	0.7023	-0.0059
57	64	W	2.9263	0.918	0.1502
57	90	W	3.6523	0.693	0.1743
57	89	W	3.6559	0.4644	0.0182
57	63	Qm-1	0.1814	0.0508	-0.1673
57	64	Qm-1	0.1894	0.1453	-0.1957
57	90	Qm-1	0.5569	0.2923	-0.1931
57	89	Qm-1	0.5366	0.1842	-0.1648
57	63	Qm-2	-0.0529	0.0203	-0.1206
57	64	Qm-2	-0.046	0.0425	-0.1358
57	90	Qm-2	-0.0309	0.0813	-0.1377
57	89	Qm-2	-0.0415	0.0601	-0.1224
58	64	DEAD	0.	0.	0.
58	65	DEAD	0.	0.	0.
58	91	DEAD	0.	0.	0.
58	90	DEAD	0.	0.	0.
58	64	G1	-1.513E-08	-3.415E-08	-1.687E-08
58	65	G1	-2.116E-08	-3.889E-08	-1.554E-08
58	91	G1	-1.978E-08	-3.721E-08	-1.651E-08
58	90	G1	-2.550E-08	-4.146E-08	-1.661E-08
58	64	G2	-0.1831	-0.3356	0.0537
58	65	G2	-0.185	-0.3763	0.0353
58	91	G2	-0.3117	-0.3584	0.0336
58	90	G2	-0.3051	-0.3149	0.052
58	64	Qm	0.0724	0.3221	-0.231
58	65	Qm	0.0818	0.4422	-0.2787
58	91	Qm	0.3595	0.6169	-0.2734
58	90	Qm	0.3441	0.4863	-0.2257
58	64	Qs	-1.180E-09	-2.434E-09	-4.957E-10
58	65	Qs	-1.609E-09	-3.039E-09	-4.070E-10
58	91	Qs	-2.058E-09	-3.235E-09	-4.513E-10
58	90	Qs	-2.545E-09	-3.067E-09	-5.400E-10
58	64	T+	0.	0.	0.
58	65	T+	0.	0.	0.
58	91	T+	0.	0.	0.
58	90	T+	0.	0.	0.
58	64	T-	0.	0.	0.
58	65	T-	0.	0.	0.
58	91	T-	0.	0.	0.

Table 27: Element Forces - Area Shells, Part 2 of 3

Area	Joint	OutputCase	M11	M22	M12
			KN-mm/mm	KN-mm/mm	KN-mm/mm
58	90	T-	0.	0.	0.
58	64	W	2.9264	0.9184	0.3757
58	65	W	3.265	1.0525	0.5196
58	91	W	3.9588	0.869	0.3981
58	90	W	3.6527	0.6949	0.2542
58	64	Qm-1	0.1894	0.1454	-0.2228
58	65	Qm-1	0.2112	0.2476	-0.2535
58	91	Qm-1	0.5947	0.3986	-0.2572
58	90	Qm-1	0.5569	0.2922	-0.2265
58	64	Qm-2	-0.046	0.0425	-0.1498
58	65	Qm-2	-0.0351	0.0645	-0.1639
58	91	Qm-2	-0.017	0.1	-0.1674
58	90	Qm-2	-0.0309	0.0812	-0.1533
59	65	DEAD	0.	0.	0.
59	66	DEAD	0.	0.	0.
59	92	DEAD	0.	0.	0.
59	91	DEAD	0.	0.	0.
59	65	G1	-2.066E-08	-3.784E-08	-1.613E-08
59	66	G1	-1.253E-08	-3.650E-08	-1.600E-08
59	92	G1	-2.310E-08	-3.726E-08	-1.684E-08
59	91	G1	-1.980E-08	-3.668E-08	-1.635E-08
59	65	G2	-0.185	-0.3763	0.0171
59	66	G2	-0.1771	-0.3877	1.462E-04
59	92	G2	-0.321	-0.3783	-8.633E-04
59	91	G2	-0.3118	-0.3587	0.0161
59	65	Qm	0.0818	0.4422	-0.3206
59	66	Qm	0.1142	0.5493	-0.3665
59	92	Qm	0.4064	0.7088	-0.3747
59	91	Qm	0.3595	0.6169	-0.3288
59	65	Qs	-1.591E-09	-2.831E-09	-3.647E-10
59	66	Qs	-1.132E-09	-3.003E-09	-2.901E-10
59	92	Qs	-2.400E-09	-3.419E-09	-3.647E-10
59	91	Qs	-2.038E-09	-2.945E-09	-4.009E-10
59	65	T+	0.	0.	0.
59	66	T+	0.	0.	0.
59	92	T+	0.	0.	0.
59	91	T+	0.	0.	0.
59	65	T-	0.	0.	0.
59	66	T-	0.	0.	0.
59	92	T-	0.	0.	0.
59	91	T-	0.	0.	0.
59	65	W	3.268	1.0672	0.7411
59	66	W	3.9742	0.8896	0.7713
59	92	W	4.8421	1.2583	0.449
59	91	W	3.958	0.8649	0.4187
59	65	Qm-1	0.2112	0.2477	-0.2807
59	66	Qm-1	0.249	0.3551	-0.3106
59	92	Qm-1	0.6517	0.5048	-0.3214
59	91	Qm-1	0.5947	0.3987	-0.2915
59	65	Qm-2	-0.0351	0.0645	-0.1766
59	66	Qm-2	-0.0189	0.0872	-0.1893
59	92	Qm-2	-0.0017	0.1197	-0.1941
59	91	Qm-2	-0.017	0.1001	-0.1814
60	66	DEAD	0.	0.	0.

Table 27: Element Forces - Area Shells, Part 2 of 3

Area	Joint	OutputCase	M11	M22	M12
			KN-mm/mm	KN-mm/mm	KN-mm/mm
60	67	DEAD	0.	0.	0.
60	93	DEAD	0.	0.	0.
60	92	DEAD	0.	0.	0.
60	66	G1	-1.299E-08	-3.716E-08	-1.611E-08
60	67	G1	-1.838E-08	-4.370E-08	-1.669E-08
60	93	G1	-1.388E-08	-3.947E-08	-1.788E-08
60	92	G1	-2.308E-08	-3.953E-08	-1.669E-08
60	66	G2	-0.1776	-0.39	-0.0176
60	67	G2	-0.1678	-0.3494	-0.0265
60	93	G2	-0.3419	-0.3823	-0.0227
60	92	G2	-0.3209	-0.3778	-0.0137
60	66	Qm	0.1141	0.5489	-0.4019
60	67	Qm	0.1686	0.6555	-0.4356
60	93	Qm	0.4834	0.7792	-0.4556
60	92	Qm	0.4064	0.7084	-0.4219
60	66	Qs	-1.094E-09	-2.980E-09	-2.321E-10
60	67	Qs	-1.785E-09	-3.645E-09	-2.018E-10
60	93	Qs	-1.637E-09	-3.302E-09	-2.542E-10
60	92	Qs	-2.525E-09	-3.620E-09	-2.461E-10
60	66	T+	0.	0.	0.
60	67	T+	0.	0.	0.
60	93	T+	0.	0.	0.
60	92	T+	0.	0.	0.
60	66	T-	0.	0.	0.
60	67	T-	0.	0.	0.
60	93	T-	0.	0.	0.
60	92	T-	0.	0.	0.
60	66	W	3.9936	0.9867	0.8814
60	67	W	7.9504	1.0106	0.4476
60	93	W	4.6519	2.4181	-0.2878
60	92	W	4.8239	1.1676	0.146
60	66	Qm-1	0.249	0.3551	-0.3345
60	67	Qm-1	0.3066	0.4692	-0.3608
60	93	Qm-1	0.7362	0.6118	-0.3812
60	92	Qm-1	0.6518	0.5053	-0.3549
60	66	Qm-2	-0.0189	0.0872	-0.1997
60	67	Qm-2	0.0055	0.1118	-0.2107
60	93	Qm-2	0.0223	0.1385	-0.2189
60	92	Qm-2	-0.0016	0.1201	-0.2079
61	67	DEAD	0.	0.	0.
61	68	DEAD	0.	0.	0.
61	94	DEAD	0.	0.	0.
61	93	DEAD	0.	0.	0.
61	67	G1	-1.732E-08	-4.080E-08	-1.818E-08
61	68	G1	-1.421E-08	-4.749E-08	-1.925E-08
61	94	G1	-1.480E-08	-4.732E-08	-2.031E-08
61	93	G1	-1.407E-08	-3.618E-08	-1.925E-08
61	67	G2	-0.1671	-0.346	-0.0292
61	68	G2	-0.2088	-0.3242	-0.0171
61	94	G2	-0.3487	-0.4095	-0.0072
61	93	G2	-0.3417	-0.3816	-0.0193
61	67	Qm	0.1685	0.6549	-0.4574
61	68	Qm	0.2396	0.7861	-0.4726
61	94	Qm	0.5834	0.8667	-0.4991

Table 27: Element Forces - Area Shells, Part 2 of 3

Area	Joint	OutputCase	M11	M22	M12
			KN-mm/mm	KN-mm/mm	KN-mm/mm
61	93	Qm	0.4833	0.7787	-0.4839
61	67	Qs	-1.636E-09	-3.307E-09	-2.687E-10
61	68	Qs	-1.631E-09	-3.877E-09	-2.687E-10
61	94	Qs	-1.935E-09	-3.872E-09	-2.687E-10
61	93	Qs	-1.786E-09	-3.456E-09	-2.687E-10
61	67	T+	0.	0.	0.
61	68	T+	0.	0.	0.
61	94	T+	0.	0.	0.
61	93	T+	0.	0.	0.
61	67	T-	0.	0.	0.
61	68	T-	0.	0.	0.
61	94	T-	0.	0.	0.
61	93	T-	0.	0.	0.
61	67	W	7.8988	0.7527	-0.9602
61	68	W	4.9083	6.4118	-0.7633
61	94	W	5.3091	3.1115	-0.0125
61	93	W	4.677	2.5433	-0.2094
61	67	Qm-1	0.3066	0.4691	-0.3784
61	68	Qm-1	0.3813	0.5936	-0.3978
61	94	Qm-1	0.8629	0.726	-0.4298
61	93	Qm-1	0.7362	0.6121	-0.4104
61	67	Qm-2	0.0055	0.1118	-0.2169
61	68	Qm-2	0.0423	0.1418	-0.2234
61	94	Qm-2	0.0649	0.1538	-0.238
61	93	Qm-2	0.0224	0.1388	-0.2315
62	68	DEAD	0.	0.	0.
62	69	DEAD	0.	0.	0.
62	95	DEAD	0.	0.	0.
62	94	DEAD	0.	0.	0.
62	68	G1	-1.521E-08	-4.624E-08	-1.897E-08
62	69	G1	-1.124E-08	-5.110E-08	-1.790E-08
62	95	G1	-1.326E-08	-5.245E-08	-1.932E-08
62	94	G1	-1.461E-08	-4.560E-08	-2.039E-08
62	68	G2	-0.2088	-0.3242	0.0146
62	69	G2	-0.175	-0.4412	0.0266
62	95	G2	-0.3538	-0.477	0.0129
62	94	G2	-0.3487	-0.4096	9.452E-04
62	68	Qm	0.2395	0.7855	-0.4773
62	69	Qm	0.3213	0.9711	-0.4735
62	95	Qm	0.7004	1.0163	-0.5009
62	94	Qm	0.5833	0.8664	-0.5048
62	68	Qs	-1.614E-09	-4.035E-09	-2.875E-10
62	69	Qs	-1.631E-09	-4.259E-09	-2.210E-10
62	95	Qs	-2.198E-09	-4.697E-09	-1.988E-10
62	94	Qs	-1.999E-09	-3.907E-09	-2.653E-10
62	68	T+	0.	0.	0.
62	69	T+	0.	0.	0.
62	95	T+	0.	0.	0.
62	94	T+	0.	0.	0.
62	68	T-	0.	0.	0.
62	69	T-	0.	0.	0.
62	95	T-	0.	0.	0.
62	94	T-	0.	0.	0.
62	68	W	4.9083	6.412	1.0066

Table 27: Element Forces - Area Shells, Part 2 of 3

Area	Joint	OutputCase	M11	M22	M12
			KN-mm/mm	KN-mm/mm	KN-mm/mm
62	69	W	8.0572	1.2922	1.2054
62	95	W	4.8698	3.0808	0.4264
62	94	W	5.3092	3.1119	0.2276
62	68	Qm-1	0.3813	0.5935	-0.4063
62	69	Qm-1	0.4913	0.74	-0.419
62	95	Qm-1	1.0315	0.8728	-0.4648
62	94	Qm-1	0.8629	0.726	-0.4521
62	68	Qm-2	0.0424	0.1419	-0.2221
62	69	Qm-2	0.0974	0.1875	-0.2204
62	95	Qm-2	0.1349	0.1794	-0.2435
62	94	Qm-2	0.0649	0.154	-0.2451
63	69	DEAD	0.	0.	0.
63	70	DEAD	0.	0.	0.
63	96	DEAD	0.	0.	0.
63	95	DEAD	0.	0.	0.
63	69	G1	-1.195E-08	-5.097E-08	-1.847E-08
63	70	G1	-1.098E-08	-5.283E-08	-1.905E-08
63	96	G1	-3.661E-09	-4.675E-08	-2.166E-08
63	95	G1	-1.346E-08	-5.034E-08	-2.047E-08
63	69	G2	-0.1757	-0.4447	0.0235
63	70	G2	-0.1932	-0.5764	0.0142
63	96	G2	-0.3449	-0.5648	0.0068
63	95	G2	-0.3539	-0.4777	0.0161
63	69	Qm	0.3212	0.9708	-0.4626
63	70	Qm	0.4101	1.2359	-0.4451
63	96	Qm	0.8358	1.2675	-0.4703
63	95	Qm	0.7004	1.0163	-0.4878
63	69	Qs	-1.506E-09	-4.332E-09	-1.971E-10
63	70	Qs	-1.451E-09	-4.485E-09	-2.333E-10
63	96	Qs	-2.202E-09	-4.418E-09	-2.636E-10
63	95	Qs	-2.204E-09	-4.462E-09	-1.890E-10
63	69	T+	0.	0.	0.
63	70	T+	0.	0.	0.
63	96	T+	0.	0.	0.
63	95	T+	0.	0.	0.
63	69	T-	0.	0.	0.
63	70	T-	0.	0.	0.
63	96	T-	0.	0.	0.
63	95	T-	0.	0.	0.
63	69	W	8.1088	1.5506	-0.1942
63	70	W	4.3282	2.0479	-0.6238
63	96	W	5.2326	2.2322	0.0736
63	95	W	4.8449	2.9567	0.5032
63	69	Qm-1	0.4914	0.7402	-0.4279
63	70	Qm-1	0.5623	0.9027	-0.4475
63	96	Qm-1	1.2944	1.1174	-0.5001
63	95	Qm-1	1.0317	0.8737	-0.4805
63	69	Qm-2	0.0966	0.1833	-0.2069
63	70	Qm-2	0.1554	0.3037	-0.1838
63	96	Qm-2	0.2799	0.2237	-0.2194
63	95	Qm-2	0.136	0.185	-0.2426
64	70	DEAD	0.	0.	0.
64	71	DEAD	0.	0.	0.
64	97	DEAD	0.	0.	0.

Table 27: Element Forces - Area Shells, Part 2 of 3

Area	Joint	OutputCase	M11	M22	M12
			KN-mm/mm	KN-mm/mm	KN-mm/mm
64	96	DEAD	0.	0.	0.
64	70	G1	-1.025E-08	-4.967E-08	-2.021E-08
64	71	G1	3.482E-09	-3.704E-08	-1.960E-08
64	97	G1	1.936E-09	-3.553E-08	-2.340E-08
64	96	G1	-4.276E-09	-4.924E-08	-2.279E-08
64	70	G2	-0.1927	-0.5741	-0.0043
64	71	G2	-0.2077	-0.6455	-0.0216
64	97	G2	-0.3479	-0.6295	-0.0236
64	96	G2	-0.345	-0.5653	-0.0062
64	70	Qm	0.4101	1.2358	-0.4257
64	71	Qm	0.5059	1.5955	-0.4082
64	97	Qm	0.9993	1.6636	-0.4307
64	96	Qm	0.8358	1.2674	-0.4483
64	70	Qs	-1.376E-09	-4.314E-09	-2.252E-10
64	71	Qs	-1.070E-09	-3.927E-09	-1.225E-10
64	97	Qs	-2.158E-09	-4.563E-09	-1.587E-10
64	96	Qs	-2.248E-09	-4.561E-09	-2.998E-10
64	70	T+	0.	0.	0.
64	71	T+	0.	0.	0.
64	97	T+	0.	0.	0.
64	96	T+	0.	0.	0.
64	70	T-	0.	0.	0.
64	71	T-	0.	0.	0.
64	97	T-	0.	0.	0.
64	96	T-	0.	0.	0.
64	70	W	4.3091	1.9524	-0.4956
64	71	W	3.859	2.6092	-0.4671
64	97	W	4.6306	2.444	-0.2117
64	96	W	5.2509	2.3237	-0.2402
64	70	Qm-1	0.5623	0.9028	-0.4658
64	71	Qm-1	0.8959	1.1526	-0.5622
64	97	Qm-1	1.5598	1.6866	-0.6529
64	96	Qm-1	1.2931	1.1105	-0.5565
64	70	Qm-2	0.1566	0.3095	-0.1518
64	71	Qm-2	0.0748	0.3862	-0.1749
64	97	Qm-2	0.6511	0.738	-0.2106
64	96	Qm-2	0.2768	0.2081	-0.1874
65	71	DEAD	0.	0.	0.
65	72	DEAD	0.	0.	0.
65	98	DEAD	0.	0.	0.
65	97	DEAD	0.	0.	0.
65	71	G1	3.790E-09	-4.082E-08	-2.378E-08
65	72	G1	-3.746E-09	-5.999E-08	-2.497E-08
65	98	G1	-2.638E-09	-6.338E-08	-2.413E-08
65	97	G1	2.594E-09	-3.361E-08	-2.355E-08
65	71	G2	-0.2077	-0.6455	-0.0408
65	72	G2	-0.2121	-0.6745	-0.0594
65	98	G2	-0.3541	-0.6579	-0.0596
65	97	G2	-0.3479	-0.6293	-0.041
65	71	Qm	0.5059	1.5956	-0.3978
65	72	Qm	0.5928	1.9554	-0.3914
65	98	Qm	1.1523	2.0676	-0.4096
65	97	Qm	0.9992	1.6631	-0.416
65	71	Qs	-1.011E-09	-4.000E-09	-5.073E-11

Table 27: Element Forces - Area Shells, Part 2 of 3

Area	Joint	OutputCase	M11	M22	M12
			KN-mm/mm	KN-mm/mm	KN-mm/mm
65	72	Qs	-1.212E-09	-3.891E-09	-1.451E-11
65	98	Qs	-2.047E-09	-4.460E-09	3.793E-11
65	97	Qs	-2.077E-09	-4.223E-09	-3.668E-11
65	71	T+	0.	0.	0.
65	72	T+	0.	0.	0.
65	98	T+	0.	0.	0.
65	97	T+	0.	0.	0.
65	71	T-	0.	0.	0.
65	72	T-	0.	0.	0.
65	98	T-	0.	0.	0.
65	97	T-	0.	0.	0.
65	71	W	3.8561	2.5945	-0.2363
65	72	W	3.8742	2.8996	-0.1114
65	98	W	4.6578	2.7545	-0.0952
65	97	W	4.6322	2.4521	-0.2201
65	71	Qm-1	0.8959	1.1523	-0.751
65	72	Qm-1	0.6243	0.183	-0.8353
65	98	Qm-1	1.3483	0.3307	-0.8315
65	97	Qm-1	1.5598	1.6866	-0.7472
65	71	Qm-2	0.0748	0.3862	-0.2797
65	72	Qm-2	0.1604	0.208	-0.3017
65	98	Qm-2	0.2704	0.0987	-0.2742
65	97	Qm-2	0.6511	0.7381	-0.2523
66	72	DEAD	0.	0.	0.
66	73	DEAD	0.	0.	0.
66	99	DEAD	0.	0.	0.
66	98	DEAD	0.	0.	0.
66	72	G1	-1.638E-09	-5.760E-08	-2.362E-08
66	73	G1	-6.588E-09	-8.108E-08	-2.194E-08
66	99	G1	-4.786E-09	-8.079E-08	-2.327E-08
66	98	G1	-2.908E-09	-6.161E-08	-2.372E-08
66	72	G2	-0.2121	-0.6745	-0.0788
66	73	G2	-0.2057	-0.6594	-0.0968
66	99	G2	-0.3636	-0.6495	-0.0952
66	98	G2	-0.3541	-0.6582	-0.0772
66	72	Qm	0.5928	1.9555	-0.3932
66	73	Qm	0.6561	2.2156	-0.3936
66	99	Qm	1.2568	2.3377	-0.4064
66	98	Qm	1.1523	2.0676	-0.406
66	72	Qs	-1.363E-09	-4.118E-09	2.731E-11
66	73	Qs	-1.234E-09	-4.164E-09	5.759E-11
66	99	Qs	-2.108E-09	-4.254E-09	4.947E-11
66	98	Qs	-1.954E-09	-4.175E-09	5.759E-11
66	72	T+	0.	0.	0.
66	73	T+	0.	0.	0.
66	99	T+	0.	0.	0.
66	98	T+	0.	0.	0.
66	72	T-	0.	0.	0.
66	73	T-	0.	0.	0.
66	99	T-	0.	0.	0.
66	98	T-	0.	0.	0.
66	72	W	3.8771	2.9143	0.1213
66	73	W	4.3634	2.8637	0.1532
66	99	W	5.3275	3.2273	-0.0701

Table 27: Element Forces - Area Shells, Part 2 of 3

Area	Joint	OutputCase	M11	M22	M12
			KN-mm/mm	KN-mm/mm	KN-mm/mm
66	98	W	4.6562	2.7465	-0.1019
66	72	Qm-1	0.6241	0.1822	-0.8309
66	73	Qm-1	0.6147	-0.6477	-0.8134
66	99	Qm-1	1.1465	-0.6351	-0.8442
66	98	Qm-1	1.3496	0.3373	-0.8617
66	72	Qm-2	0.1592	0.2022	-0.2667
66	73	Qm-2	0.1059	-0.0127	-0.2391
66	99	Qm-2	0.1271	-0.0301	-0.2125
66	98	Qm-2	0.2735	0.1143	-0.2401
67	73	DEAD	0.	0.	0.
67	74	DEAD	0.	0.	0.
67	100	DEAD	0.	0.	0.
67	99	DEAD	0.	0.	0.
67	73	G1	-5.387E-09	-7.895E-08	-2.078E-08
67	74	G1	-8.385E-09	-9.196E-08	-1.865E-08
67	100	G1	-5.209E-09	-9.934E-08	-1.936E-08
67	99	G1	-7.587E-09	-8.372E-08	-2.148E-08
67	73	G2	-0.2061	-0.6617	-0.1163
67	74	G2	-0.1969	-0.5811	-0.1268
67	100	G2	-0.3844	-0.6123	-0.1195
67	99	G2	-0.3635	-0.649	-0.109
67	73	Qm	0.6561	2.2157	-0.3957
67	74	Qm	0.6997	2.3752	-0.3958
67	100	Qm	1.3253	2.4986	-0.4058
67	99	Qm	1.2568	2.338	-0.4057
67	73	Qs	-1.140E-09	-3.921E-09	8.833E-11
67	74	Qs	-1.420E-09	-3.922E-09	1.770E-10
67	100	Qs	-1.896E-09	-4.311E-09	1.548E-10
67	99	Qs	-2.129E-09	-4.343E-09	6.616E-11
67	73	T+	0.	0.	0.
67	74	T+	0.	0.	0.
67	100	T+	0.	0.	0.
67	99	T+	0.	0.	0.
67	73	T-	0.	0.	0.
67	74	T-	0.	0.	0.
67	100	T-	0.	0.	0.
67	99	T-	0.	0.	0.
67	73	W	4.3825	2.9591	0.2869
67	74	W	8.1994	3.0559	-0.1363
67	100	W	4.9719	4.4501	-0.8024
67	99	W	5.3092	3.1359	-0.3792
67	73	Qm-1	0.6145	-0.6486	-0.7773
67	74	Qm-1	0.5635	-1.3589	-0.7287
67	100	Qm-1	1.0399	-1.4029	-0.7574
67	99	Qm-1	1.1462	-0.6364	-0.8061
67	73	Qm-2	0.1067	-0.0086	-0.2191
67	74	Qm-2	0.0589	-0.1326	-0.2086
67	100	Qm-2	0.0584	-0.1522	-0.1946
67	99	Qm-2	0.126	-0.0358	-0.2051
68	74	DEAD	0.	0.	0.
68	75	DEAD	0.	0.	0.
68	101	DEAD	0.	0.	0.
68	100	DEAD	0.	0.	0.
68	74	G1	-9.253E-09	-9.513E-08	-1.732E-08

Table 27: Element Forces - Area Shells, Part 2 of 3

Area	Joint	OutputCase	M11	M22	M12
			KN-mm/mm	KN-mm/mm	KN-mm/mm
68	75	G1	-1.057E-08	-1.050E-07	-1.674E-08
68	101	G1	-7.435E-09	-1.063E-07	-1.626E-08
68	100	G1	-4.810E-09	-9.536E-08	-1.745E-08
68	74	G2	-0.1962	-0.5776	-0.1316
68	75	G2	-0.2377	-0.5029	-0.1214
68	101	G2	-0.3905	-0.5862	-0.1073
68	100	G2	-0.3842	-0.6117	-0.1175
68	74	Qm	0.6997	2.3753	-0.3954
68	75	Qm	0.7271	2.435	-0.3938
68	101	Qm	1.3665	2.557	-0.4032
68	100	Qm	1.3253	2.4988	-0.4047
68	74	Qs	-1.339E-09	-4.025E-09	1.506E-10
68	75	Qs	-1.472E-09	-4.002E-09	1.203E-10
68	101	Qs	-1.982E-09	-3.980E-09	1.949E-10
68	100	Qs	-1.916E-09	-4.224E-09	1.868E-10
68	74	T+	0.	0.	0.
68	75	T+	0.	0.	0.
68	101	T+	0.	0.	0.
68	100	T+	0.	0.	0.
68	74	T-	0.	0.	0.
68	75	T-	0.	0.	0.
68	101	T-	0.	0.	0.
68	100	T-	0.	0.	0.
68	74	W	8.1477	2.7976	-1.5272
68	75	W	5.0353	8.4906	-1.3195
68	101	W	5.4855	5.1764	-0.5106
68	100	W	4.9967	4.5743	-0.7183
68	74	Qm-1	0.5634	-1.3593	-0.6719
68	75	Qm-1	0.5428	-1.8974	-0.6094
68	101	Qm-1	0.9734	-1.9717	-0.6374
68	100	Qm-1	1.0399	-1.4033	-0.6998
68	74	Qm-2	0.0588	-0.1329	-0.1969
68	75	Qm-2	0.0309	-0.2162	-0.1906
68	101	Qm-2	0.0198	-0.2296	-0.1834
68	100	Qm-2	0.0583	-0.1525	-0.1898
69	75	DEAD	0.	0.	0.
69	76	DEAD	0.	0.	0.
69	102	DEAD	0.	0.	0.
69	101	DEAD	0.	0.	0.
69	75	G1	-1.042E-08	-1.020E-07	-1.506E-08
69	76	G1	-1.179E-08	-1.071E-07	-1.355E-08
69	102	G1	-8.647E-09	-1.113E-07	-1.258E-08
69	101	G1	-7.047E-09	-1.068E-07	-1.532E-08
69	75	G2	-0.2377	-0.5029	-0.0919
69	76	G2	-0.2028	-0.5544	-0.0819
69	102	G2	-0.394	-0.5879	-0.0907
69	101	G2	-0.3905	-0.5862	-0.1007
69	75	Qm	0.7271	2.435	-0.3911
69	76	Qm	0.7408	2.398	-0.3881
69	102	Qm	1.3858	2.5181	-0.3981
69	101	Qm	1.3665	2.5571	-0.4011
69	75	Qs	-1.533E-09	-3.924E-09	5.805E-11
69	76	Qs	-1.595E-09	-3.724E-09	1.186E-10
69	102	Qs	-2.063E-09	-3.844E-09	1.467E-10

Table 27: Element Forces - Area Shells, Part 2 of 3

Area	Joint	OutputCase	M11	M22	M12
			KN-mm/mm	KN-mm/mm	KN-mm/mm
69	101	Qs	-1.977E-09	-4.040E-09	1.629E-10
69	75	T+	0.	0.	0.
69	76	T+	0.	0.	0.
69	102	T+	0.	0.	0.
69	101	T+	0.	0.	0.
69	75	T-	0.	0.	0.
69	76	T-	0.	0.	0.
69	102	T-	0.	0.	0.
69	101	T-	0.	0.	0.
69	75	W	5.0352	8.4904	0.4616
69	76	W	8.0664	3.3742	0.6686
69	102	W	4.9008	5.1521	-0.0553
69	101	W	5.4854	5.1761	-0.2622
69	75	Qm-1	0.5427	-1.8976	-0.5459
69	76	Qm-1	0.5347	-2.2393	-0.4769
69	102	Qm-1	0.9477	-2.3277	-0.4989
69	101	Qm-1	0.9733	-1.9719	-0.568
69	75	Qm-2	0.0309	-0.2163	-0.1835
69	76	Qm-2	0.0181	-0.2633	-0.1797
69	102	Qm-2	0.0023	-0.2734	-0.1771
69	101	Qm-2	0.0198	-0.2297	-0.1809
70	76	DEAD	0.	0.	0.
70	77	DEAD	0.	0.	0.
70	103	DEAD	0.	0.	0.
70	102	DEAD	0.	0.	0.
70	76	G1	-1.115E-08	-1.063E-07	-1.069E-08
70	77	G1	-8.427E-09	-9.947E-08	-8.110E-09
70	103	G1	-2.772E-09	-1.070E-07	-8.560E-09
70	102	G1	-8.338E-09	-1.097E-07	-1.237E-08
70	76	G2	-0.2035	-0.5579	-0.0873
70	77	G2	-0.2187	-0.6119	-0.0985
70	103	G2	-0.3828	-0.5981	-0.1004
70	102	G2	-0.3942	-0.5886	-0.0891
70	76	Qm	0.7408	2.398	-0.3837
70	77	Qm	0.7428	2.2693	-0.3796
70	103	Qm	1.3865	2.3873	-0.391
70	102	Qm	1.3858	2.5182	-0.3951
70	76	Qs	-1.570E-09	-3.778E-09	1.442E-10
70	77	Qs	-1.291E-09	-2.981E-09	2.329E-10
70	103	Qs	-1.906E-09	-3.659E-09	1.885E-10
70	102	Qs	-2.031E-09	-3.688E-09	9.987E-11
70	76	T+	0.	0.	0.
70	77	T+	0.	0.	0.
70	103	T+	0.	0.	0.
70	102	T+	0.	0.	0.
70	76	T-	0.	0.	0.
70	77	T-	0.	0.	0.
70	103	T-	0.	0.	0.
70	102	T-	0.	0.	0.
70	76	W	8.118	3.6322	-0.7275
70	77	W	4.206	4.1086	-1.1529
70	103	W	5.0953	4.2849	-0.3947
70	102	W	4.8757	5.0271	0.0307
70	76	Qm-1	0.5347	-2.2394	-0.4092

Table 27: Element Forces - Area Shells, Part 2 of 3

Area	Joint	OutputCase	M11	M22	M12
			KN-mm/mm	KN-mm/mm	KN-mm/mm
70	77	Qm-1	0.545	-2.3672	-0.3368
70	103	Qm-1	0.9588	-2.4608	-0.3522
70	102	Qm-1	0.9477	-2.3277	-0.4245
70	76	Qm-2	0.0181	-0.2633	-0.1747
70	77	Qm-2	0.0195	-0.2755	-0.1718
70	103	Qm-2	0.0025	-0.2856	-0.1732
70	102	Qm-2	0.0023	-0.2735	-0.176
71	77	DEAD	0.	0.	0.
71	78	DEAD	0.	0.	0.
71	104	DEAD	0.	0.	0.
71	103	DEAD	0.	0.	0.
71	77	G1	-7.947E-09	-9.834E-08	-5.254E-09
71	78	G1	-5.401E-09	-9.667E-08	-2.062E-09
71	104	G1	-5.465E-09	-1.051E-07	-1.708E-09
71	103	G1	-3.096E-09	-1.043E-07	-4.899E-09
71	77	G2	-0.2183	-0.6096	-0.1191
71	78	G2	-0.2294	-0.5911	-0.1384
71	104	G2	-0.3825	-0.5732	-0.1343
71	103	G2	-0.3829	-0.5986	-0.1151
71	77	Qm	0.7428	2.2693	-0.3744
71	78	Qm	0.7346	2.0551	-0.3698
71	104	Qm	1.3707	2.1707	-0.3827
71	103	Qm	1.3865	2.3873	-0.3874
71	77	Qs	-1.388E-09	-3.032E-09	3.140E-10
71	78	Qs	-1.307E-09	-3.088E-09	3.805E-10
71	104	Qs	-1.831E-09	-3.386E-09	4.027E-10
71	103	Qs	-1.739E-09	-3.387E-09	3.362E-10
71	77	T+	0.	0.	0.
71	78	T+	0.	0.	0.
71	104	T+	0.	0.	0.
71	103	T+	0.	0.	0.
71	77	T-	0.	0.	0.
71	78	T-	0.	0.	0.
71	104	T-	0.	0.	0.
71	103	T-	0.	0.	0.
71	77	W	4.1867	4.0124	-1.0305
71	78	W	3.5613	4.6313	-0.9992
71	104	W	4.278	4.4465	-0.6661
71	103	W	5.1134	4.3756	-0.6974
71	77	Qm-1	0.545	-2.3672	-0.2668
71	78	Qm-1	0.5752	-2.2736	-0.1931
71	104	Qm-1	1.0093	-2.3641	-0.202
71	103	Qm-1	0.9589	-2.4606	-0.2757
71	77	Qm-2	0.0195	-0.2755	-0.1668
71	78	Qm-2	0.036	-0.2532	-0.1633
71	104	Qm-2	0.0214	-0.2664	-0.1689
71	103	Qm-2	0.0025	-0.2855	-0.1724
72	78	DEAD	0.	0.	0.
72	79	DEAD	0.	0.	0.
72	105	DEAD	0.	0.	0.
72	104	DEAD	0.	0.	0.
72	78	G1	-5.461E-09	-9.606E-08	4.992E-10
72	79	G1	-4.391E-10	-7.853E-08	3.596E-09
72	105	G1	-5.417E-09	-8.733E-08	2.982E-09

Table 27: Element Forces - Area Shells, Part 2 of 3

Area	Joint	OutputCase	M11	M22	M12
			KN-mm/mm	KN-mm/mm	KN-mm/mm
72	104	G1	-4.296E-09	-9.994E-08	1.113E-09
72	78	G2	-0.2294	-0.5911	-0.1595
72	79	G2	-0.2271	-0.5183	-0.1801
72	105	G2	-0.3846	-0.5	-0.174
72	104	G2	-0.3824	-0.573	-0.1535
72	78	Qm	0.7346	2.0551	-0.3642
72	79	Qm	0.7176	1.7637	-0.3591
72	105	Qm	1.3392	1.8752	-0.3734
72	104	Qm	1.3707	2.1707	-0.3785
72	78	Qs	-1.323E-09	-3.098E-09	4.799E-10
72	79	Qs	-8.928E-10	-2.349E-09	4.334E-10
72	105	Qs	-2.182E-09	-2.871E-09	4.799E-10
72	104	Qs	-1.743E-09	-3.077E-09	4.112E-10
72	78	T+	0.	0.	0.
72	79	T+	0.	0.	0.
72	105	T+	0.	0.	0.
72	104	T+	0.	0.	0.
72	78	T-	0.	0.	0.
72	79	T-	0.	0.	0.
72	105	T-	0.	0.	0.
72	104	T-	0.	0.	0.
72	78	W	3.5584	4.6165	-0.776
72	79	W	3.3394	4.8618	-0.6426
72	105	W	4.0218	4.6658	-0.5242
72	104	W	4.2793	4.4527	-0.6577
72	78	Qm-1	0.5752	-2.2735	-0.1222
72	79	Qm-1	0.6232	-1.9607	-0.0498
72	105	Qm-1	1.1077	-2.034	-0.0535
72	104	Qm-1	1.0093	-2.3638	-0.1258
72	78	Qm-2	0.036	-0.2531	-0.156
72	79	Qm-2	0.07	-0.1953	-0.1501
72	105	Qm-2	0.0639	-0.2147	-0.1615
72	104	Qm-2	0.0215	-0.2661	-0.1674
73	79	DEAD	0.	0.	0.
73	80	DEAD	0.	0.	0.
73	106	DEAD	0.	0.	0.
73	105	DEAD	0.	0.	0.
73	79	G1	-1.706E-09	-7.903E-08	6.252E-09
73	80	G1	-1.515E-09	-6.264E-08	8.026E-09
73	106	G1	5.033E-09	-6.343E-08	7.671E-09
73	105	G1	-6.214E-09	-8.720E-08	5.898E-09
73	79	G2	-0.2271	-0.5182	-0.2014
73	80	G2	-0.2085	-0.3893	-0.2215
73	106	G2	-0.3893	-0.3783	-0.214
73	105	G2	-0.3846	-0.5002	-0.1938
73	79	Qm	0.7176	1.7637	-0.3533
73	80	Qm	0.6927	1.4053	-0.3471
73	106	Qm	1.2914	1.5084	-0.3622
73	105	Qm	1.3392	1.8751	-0.3684
73	79	Qs	-9.427E-10	-2.402E-09	5.759E-10
73	80	Qs	-1.222E-09	-2.082E-09	5.980E-10
73	106	Qs	-1.497E-09	-1.848E-09	5.759E-10
73	105	Qs	-2.211E-09	-3.104E-09	5.537E-10
73	79	T+	0.	0.	0.

Table 27: Element Forces - Area Shells, Part 2 of 3

Area	Joint	OutputCase	M11	M22	M12
			KN-mm/mm	KN-mm/mm	KN-mm/mm
73	80	T+	0.	0.	0.
73	106	T+	0.	0.	0.
73	105	T+	0.	0.	0.
73	79	T-	0.	0.	0.
73	80	T-	0.	0.	0.
73	106	T-	0.	0.	0.
73	105	T-	0.	0.	0.
73	79	W	3.341	4.8695	-0.4139
73	80	W	3.5452	4.8459	-0.3154
73	106	W	4.2005	4.85	-0.3884
73	105	W	4.0206	4.6593	-0.487
73	79	Qm-1	0.6232	-1.9604	0.0205
73	80	Qm-1	0.7099	-1.4363	0.0858
73	106	Qm-1	1.258	-1.4699	0.0817
73	105	Qm-1	1.1078	-2.0334	0.0165
73	79	Qm-2	0.07	-0.195	-0.1379
73	80	Qm-2	0.1285	-0.098	-0.1279
73	106	Qm-2	0.1406	-0.1255	-0.1483
73	105	Qm-2	0.064	-0.2143	-0.1583
74	80	DEAD	0.	0.	0.
74	81	DEAD	0.	0.	0.
74	107	DEAD	0.	0.	0.
74	106	DEAD	0.	0.	0.
74	80	G1	-1.225E-09	-5.647E-08	9.167E-09
74	81	G1	-1.635E-09	-4.516E-08	8.682E-09
74	107	G1	1.057E-08	-3.687E-08	9.876E-09
74	106	G1	5.679E-09	-6.178E-08	9.746E-09
74	80	G2	-0.2089	-0.3914	-0.2428
74	81	G2	-0.1763	-0.1846	-0.2559
74	107	G2	-0.407	-0.2176	-0.2437
74	106	G2	-0.3893	-0.378	-0.2306
74	80	Qm	0.6927	1.4052	-0.3402
74	81	Qm	0.6606	0.9928	-0.3307
74	107	Qm	1.224	1.0768	-0.3452
74	106	Qm	1.2914	1.5082	-0.3546
74	80	Qs	-1.138E-09	-1.734E-09	5.055E-10
74	81	Qs	-1.326E-09	-1.917E-09	4.855E-10
74	107	Qs	-1.593E-09	-1.745E-09	5.055E-10
74	106	Qs	-1.467E-09	-1.759E-09	6.407E-10
74	80	T+	0.	0.	0.
74	81	T+	0.	0.	0.
74	107	T+	0.	0.	0.
74	106	T+	0.	0.	0.
74	80	T-	0.	0.	0.
74	81	T-	0.	0.	0.
74	107	T-	0.	0.	0.
74	106	T-	0.	0.	0.
74	80	W	3.5548	4.8936	-0.1307
74	81	W	5.6416	4.8911	-0.2303
74	107	W	3.849	5.2327	-0.576
74	106	W	4.1902	4.7985	-0.4764
74	80	Qm-1	0.7101	-1.4356	0.1432
74	81	Qm-1	0.7659	-0.735	0.1861
74	107	Qm-1	1.5231	-0.6473	0.1828

Table 27: Element Forces - Area Shells, Part 2 of 3

Area	Joint	OutputCase	M11	M22	M12
			KN-mm/mm	KN-mm/mm	KN-mm/mm
74	106	Qm-1	1.2583	-1.4685	0.1398
74	80	Qm-2	0.1277	-0.1021	-0.1067
74	81	Qm-2	0.1995	0.0838	-0.0795
74	107	Qm-2	0.3054	-0.005	-0.1161
74	106	Qm-2	0.1417	-0.1196	-0.1432
75	81	DEAD	0.	0.	0.
75	82	DEAD	0.	0.	0.
75	108	DEAD	0.	0.	0.
75	107	DEAD	0.	0.	0.
75	81	G1	1.116E-10	-3.743E-08	9.978E-09
75	82	G1	3.383E-09	-1.427E-08	9.978E-09
75	108	G1	2.042E-08	-6.132E-09	9.269E-09
75	107	G1	1.039E-08	-4.096E-08	9.269E-09
75	81	G2	-0.176	-0.1832	-0.2636
75	82	G2	-0.1836	0.0473	-0.2518
75	108	G2	-0.4194	-0.0697	-0.2318
75	107	G2	-0.4068	-0.2164	-0.2437
75	81	Qm	0.6606	0.9926	-0.3187
75	82	Qm	0.6229	0.5417	-0.2979
75	108	Qm	1.1306	0.5716	-0.3104
75	107	Qm	1.224	1.0769	-0.3312
75	81	Qs	-1.279E-09	-1.584E-09	4.676E-10
75	82	Qs	-1.240E-09	-1.044E-09	5.341E-10
75	108	Qs	-1.487E-09	-1.227E-09	5.562E-10
75	107	Qs	-1.670E-09	-1.795E-09	4.897E-10
75	81	T+	0.	0.	0.
75	82	T+	0.	0.	0.
75	108	T+	0.	0.	0.
75	107	T+	0.	0.	0.
75	81	T-	0.	0.	0.
75	82	T-	0.	0.	0.
75	108	T-	0.	0.	0.
75	107	T-	0.	0.	0.
75	81	W	5.5833	4.5993	-0.7999
75	82	W	3.5705	8.4101	-0.1915
75	108	W	4.282	4.5146	0.2665
75	107	W	3.8777	5.376	-0.3419
75	81	Qm-1	0.766	-0.7345	0.2221
75	82	Qm-1	1.0968	0.1829	0.1752
75	108	Qm-1	1.8183	0.6224	0.1359
75	107	Qm-1	1.5218	-0.6537	0.1828
75	81	Qm-2	0.2007	0.0898	-0.0421
75	82	Qm-2	0.1463	0.2371	-0.0642
75	108	Qm-2	0.7139	0.5874	-0.1071
75	107	Qm-2	0.3023	-0.0204	-0.085
76	82	DEAD	0.	0.	0.
76	83	DEAD	0.	0.	0.
76	109	DEAD	0.	0.	0.
76	108	DEAD	0.	0.	0.
76	82	G1	6.393E-09	-1.340E-08	6.273E-09
76	83	G1	2.424E-09	-7.422E-09	5.468E-09
76	109	G1	1.278E-08	-8.077E-09	6.627E-09
76	108	G1	2.020E-08	-4.616E-10	8.660E-09
76	82	G2	-0.1829	0.0506	-0.2144

Table 27: Element Forces - Area Shells, Part 2 of 3

Area	Joint	OutputCase	M11	M22	M12
			KN-mm/mm	KN-mm/mm	KN-mm/mm
76	83	G2	-0.1485	0.1126	-0.1883
76	109	G2	-0.4137	0.0065	-0.1909
76	108	G2	-0.4193	-0.0691	-0.217
76	82	Qm	0.6228	0.5413	-0.2687
76	83	Qm	0.5998	0.1697	-0.2323
76	109	Qm	1.0558	0.157	-0.2446
76	108	Qm	1.1307	0.5722	-0.281
76	82	Qs	-1.200E-09	-1.154E-09	5.102E-10
76	83	Qs	-1.312E-09	-5.494E-10	4.740E-10
76	109	Qs	-1.530E-09	-6.745E-10	4.880E-10
76	108	Qs	-1.448E-09	-9.623E-10	5.626E-10
76	82	T+	0.	0.	0.
76	83	T+	0.	0.	0.
76	109	T+	0.	0.	0.
76	108	T+	0.	0.	0.
76	82	T-	0.	0.	0.
76	83	T-	0.	0.	0.
76	109	T-	0.	0.	0.
76	108	T-	0.	0.	0.
76	82	W	3.7968	9.5416	1.8748
76	83	W	4.7711	-2.1499	1.8067
76	109	W	4.8579	3.6988	0.9626
76	108	W	4.2028	4.1187	1.0307
76	82	Qm-1	1.0968	0.1828	0.0306
76	83	Qm-1	0.8283	-0.0178	-0.0134
76	109	Qm-1	1.6689	0.0663	0.0421
76	108	Qm-1	1.8183	0.6225	0.0862
76	82	Qm-2	0.1463	0.2372	-0.165
76	83	Qm-2	0.278	0.1314	-0.1884
76	109	Qm-2	0.3917	0.0297	-0.1764
76	108	Qm-2	0.7139	0.5875	-0.153
77	83	DEAD	0.	0.	0.
77	84	DEAD	0.	0.	0.
77	110	DEAD	0.	0.	0.
77	109	DEAD	0.	0.	0.
77	83	G1	1.874E-09	-1.049E-08	5.591E-09
77	84	G1	3.045E-09	8.917E-10	7.139E-09
77	110	G1	1.469E-08	-6.938E-10	7.719E-09
77	109	G1	1.213E-08	-7.930E-09	6.784E-09
77	83	G2	-0.1489	0.1109	-0.1589
77	84	G2	-0.0659	0.0012	-0.1617
77	110	G2	-0.4042	-4.030E-04	-0.1858
77	109	G2	-0.4139	0.0052	-0.183
77	83	Qm	0.5998	0.1695	-0.1907
77	84	Qm	0.6105	-5.313E-04	-0.1513
77	110	Qm	1.0395	-9.896E-06	-0.1638
77	109	Qm	1.0558	0.1569	-0.2032
77	83	Qs	-1.373E-09	-6.943E-10	4.257E-10
77	84	Qs	-9.766E-10	9.858E-11	4.257E-10
77	110	Qs	-1.508E-09	-4.317E-11	4.701E-10
77	109	Qs	-1.473E-09	-5.193E-10	4.701E-10
77	83	T+	0.	0.	0.
77	84	T+	0.	0.	0.
77	110	T+	0.	0.	0.

Table 27: Element Forces - Area Shells, Part 2 of 3

Area	Joint	OutputCase	M11	M22	M12
			KN-mm/mm	KN-mm/mm	KN-mm/mm
77	109	T+	0.	0.	0.
77	83	T-	0.	0.	0.
77	84	T-	0.	0.	0.
77	110	T-	0.	0.	0.
77	109	T-	0.	0.	0.
77	83	W	6.4744	6.3667	1.3796
77	84	W	4.0133	-1.0513	2.0674
77	110	W	6.159	0.3899	1.8621
77	109	W	4.4478	1.6483	1.1743
77	83	Qm-1	0.8282	-0.0184	0.0271
77	84	Qm-1	0.8384	0.0032	0.0736
77	110	Qm-1	1.5521	2.412E-04	0.094
77	109	Qm-1	1.6701	0.0723	0.0475
77	83	Qm-2	0.2768	0.1253	-0.1529
77	84	Qm-2	0.2936	-0.0029	-0.1318
77	110	Qm-2	0.3274	0.0068	-0.1282
77	109	Qm-2	0.3948	0.0449	-0.1493
78	85	DEAD	0.	0.	0.
78	86	DEAD	0.	0.	0.
78	112	DEAD	0.	0.	0.
78	111	DEAD	0.	0.	0.
78	85	G1	-1.844E-08	-4.288E-10	-1.220E-08
78	86	G1	-2.335E-08	-1.507E-08	-1.091E-08
78	112	G1	-1.210E-08	-1.342E-08	-1.114E-08
78	111	G1	-1.532E-08	-2.614E-09	-1.304E-08
78	85	G2	-0.2806	8.389E-04	0.1624
78	86	G2	-0.2914	-0.0086	0.1541
78	112	G2	-0.4406	-0.0305	0.1532
78	111	G2	-0.4474	-2.737E-04	0.1616
78	85	Qm	0.3773	-0.0011	-0.122
78	86	Qm	0.3898	-0.0144	-0.0917
78	112	Qm	0.7976	0.003	-0.0973
78	111	Qm	0.7853	-7.960E-04	-0.1276
78	85	Qs	-1.958E-09	-8.433E-11	-5.038E-10
78	86	Qs	-2.026E-09	-7.753E-10	-4.595E-10
78	112	Qs	-2.459E-09	-7.299E-10	-4.816E-10
78	111	Qs	-2.477E-09	-2.405E-10	-5.259E-10
78	85	T+	0.	0.	0.
78	86	T+	0.	0.	0.
78	112	T+	0.	0.	0.
78	111	T+	0.	0.	0.
78	85	T-	0.	0.	0.
78	86	T-	0.	0.	0.
78	112	T-	0.	0.	0.
78	111	T-	0.	0.	0.
78	85	W	5.0159	0.0285	-0.1117
78	86	W	4.5995	0.6318	-0.0955
78	112	W	4.0999	0.3374	0.064
78	111	W	4.2599	-0.0062	0.0478
78	85	Qm-1	0.5116	-0.0013	-0.1771
78	86	Qm-1	0.5331	-0.0402	-0.1393
78	112	Qm-1	1.0561	-0.0119	-0.1494
78	111	Qm-1	1.0391	-9.796E-04	-0.1872
78	85	Qm-2	-0.0589	-2.675E-04	-0.0594

Table 27: Element Forces - Area Shells, Part 2 of 3

Area	Joint	OutputCase	M11	M22	M12
			KN-mm/mm	KN-mm/mm	KN-mm/mm
78	86	Qm-2	-0.0518	-0.0086	-0.0577
78	112	Qm-2	-0.0186	-0.0039	-0.0615
78	111	Qm-2	-0.0274	-9.919E-05	-0.0632
79	86	DEAD	0.	0.	0.
79	87	DEAD	0.	0.	0.
79	113	DEAD	0.	0.	0.
79	112	DEAD	0.	0.	0.
79	86	G1	-2.249E-08	-1.276E-08	-1.086E-08
79	87	G1	-2.078E-08	-2.217E-08	-1.215E-08
79	113	G1	-1.823E-08	-1.701E-08	-1.228E-08
79	112	G1	-1.080E-08	-1.166E-08	-1.038E-08
79	86	G2	-0.2912	-0.0078	0.1521
79	87	G2	-0.2937	-0.0693	0.1482
79	113	G2	-0.4361	-0.0862	0.1429
79	112	G2	-0.4406	-0.0304	0.1468
79	86	Qm	0.3898	-0.0144	-0.0715
79	87	Qm	0.3868	0.0443	-0.0519
79	113	Qm	0.8016	0.0977	-0.0457
79	112	Qm	0.7976	0.0028	-0.0653
79	86	Qs	-1.988E-09	-5.146E-10	-4.961E-10
79	87	Qs	-2.055E-09	-1.609E-09	-5.323E-10
79	113	Qs	-2.928E-09	-1.221E-09	-5.405E-10
79	112	Qs	-2.496E-09	-9.522E-10	-4.658E-10
79	86	T+	0.	0.	0.
79	87	T+	0.	0.	0.
79	113	T+	0.	0.	0.
79	112	T+	0.	0.	0.
79	86	T-	0.	0.	0.
79	87	T-	0.	0.	0.
79	113	T-	0.	0.	0.
79	112	T-	0.	0.	0.
79	86	W	4.5943	0.6056	8.907E-05
79	87	W	4.3103	0.6583	0.0691
79	113	W	3.9528	0.4158	0.1644
79	112	W	4.1018	0.347	0.0954
79	86	Qm-1	0.5332	-0.0399	-0.115
79	87	Qm-1	0.5366	-0.0077	-0.094
79	113	Qm-1	1.0595	0.0727	-0.0906
79	112	Qm-1	1.056	-0.0119	-0.1116
79	86	Qm-2	-0.0518	-0.0086	-0.0586
79	87	Qm-2	-0.0483	0.0046	-0.0604
79	113	Qm-2	-0.01	0.0228	-0.0612
79	112	Qm-2	-0.0187	-0.0042	-0.0595
80	87	DEAD	0.	0.	0.
80	88	DEAD	0.	0.	0.
80	114	DEAD	0.	0.	0.
80	113	DEAD	0.	0.	0.
80	87	G1	-1.800E-08	-1.887E-08	-1.249E-08
80	88	G1	-2.354E-08	-3.125E-08	-1.284E-08
80	114	G1	-2.026E-08	-2.379E-08	-1.249E-08
80	113	G1	-2.163E-08	-2.385E-08	-1.214E-08
80	87	G2	-0.2938	-0.0699	0.1443
80	88	G2	-0.2921	-0.1646	0.135
80	114	G2	-0.4311	-0.1599	0.1266

Table 27: Element Forces - Area Shells, Part 2 of 3

Area	Joint	OutputCase	M11	M22	M12
			KN-mm/mm	KN-mm/mm	KN-mm/mm
80	113	G2	-0.4361	-0.0864	0.1358
80	87	Qm	0.3869	0.0446	-0.0458
80	88	Qm	0.3714	0.1663	-0.0446
80	114	Qm	0.7941	0.2748	-0.0274
80	113	Qm	0.8016	0.0979	-0.0285
80	87	Qs	-1.985E-09	-1.104E-09	-5.631E-10
80	88	Qs	-2.438E-09	-2.330E-09	-5.631E-10
80	114	Qs	-2.772E-09	-1.913E-09	-5.631E-10
80	113	Qs	-2.953E-09	-1.781E-09	-5.631E-10
80	87	T+	0.	0.	0.
80	88	T+	0.	0.	0.
80	114	T+	0.	0.	0.
80	113	T+	0.	0.	0.
80	87	T-	0.	0.	0.
80	88	T-	0.	0.	0.
80	114	T-	0.	0.	0.
80	113	T-	0.	0.	0.
80	87	W	4.2987	0.6007	0.1332
80	88	W	4.0041	0.2718	0.1241
80	114	W	3.8676	0.3959	0.1887
80	113	W	3.9544	0.4238	0.1978
80	87	Qm-1	0.5367	-0.0071	-0.0886
80	88	Qm-1	0.5336	0.077	-0.0921
80	114	Qm-1	1.0532	0.2215	-0.0805
80	113	Qm-1	1.0597	0.074	-0.0769
80	87	Qm-2	-0.0483	0.0048	-0.067
80	88	Qm-2	-0.0462	0.0319	-0.0766
80	114	Qm-2	-0.0095	0.0746	-0.0738
80	113	Qm-2	-0.01	0.0231	-0.0642
81	88	DEAD	0.	0.	0.
81	89	DEAD	0.	0.	0.
81	115	DEAD	0.	0.	0.
81	114	DEAD	0.	0.	0.
81	88	G1	-2.347E-08	-3.031E-08	-1.429E-08
81	89	G1	-2.274E-08	-3.471E-08	-1.522E-08
81	115	G1	-2.595E-08	-3.314E-08	-1.499E-08
81	114	G1	-1.985E-08	-2.775E-08	-1.345E-08
81	88	G2	-0.2921	-0.165	0.1205
81	89	G2	-0.2979	-0.2502	0.105
81	115	G2	-0.4294	-0.2347	0.0992
81	114	G2	-0.4311	-0.1601	0.1147
81	88	Qm	0.3716	0.1669	-0.0577
81	89	Qm	0.3526	0.3254	-0.0811
81	115	Qm	0.7806	0.499	-0.0584
81	114	Qm	0.7942	0.2756	-0.035
81	88	Qs	-2.389E-09	-2.228E-09	-6.731E-10
81	89	Qs	-2.440E-09	-2.639E-09	-6.812E-10
81	115	Qs	-3.149E-09	-2.965E-09	-6.066E-10
81	114	Qs	-2.734E-09	-2.112E-09	-6.369E-10
81	88	T+	0.	0.	0.
81	89	T+	0.	0.	0.
81	115	T+	0.	0.	0.
81	114	T+	0.	0.	0.
81	88	T-	0.	0.	0.

Table 27: Element Forces - Area Shells, Part 2 of 3

Area	Joint	OutputCase	M11	M22	M12
			KN-mm/mm	KN-mm/mm	KN-mm/mm
81	89	T-	0.	0.	0.
81	115	T-	0.	0.	0.
81	114	T-	0.	0.	0.
81	88	W	4.0129	0.3162	0.0715
81	89	W	3.6675	0.4645	0.0584
81	115	W	3.8107	0.4553	0.1509
81	114	W	3.8659	0.3874	0.164
81	88	Qm-1	0.5337	0.0777	-0.1063
81	89	Qm-1	0.5371	0.184	-0.1322
81	115	Qm-1	1.0644	0.3729	-0.1245
81	114	Qm-1	1.0533	0.2223	-0.0986
81	88	Qm-2	-0.0462	0.0322	-0.0898
81	89	Qm-2	-0.0413	0.0601	-0.107
81	115	Qm-2	-0.0036	0.1145	-0.1064
81	114	Qm-2	-0.0094	0.0752	-0.0892
82	89	DEAD	0.	0.	0.
82	90	DEAD	0.	0.	0.
82	116	DEAD	0.	0.	0.
82	115	DEAD	0.	0.	0.
82	89	G1	-2.185E-08	-3.195E-08	-1.531E-08
82	90	G1	-2.545E-08	-3.636E-08	-1.553E-08
82	116	G1	-2.212E-08	-3.434E-08	-1.602E-08
82	115	G1	-2.359E-08	-3.131E-08	-1.518E-08
82	89	G2	-0.2979	-0.25	0.0865
82	90	G2	-0.3053	-0.3149	0.069
82	116	G2	-0.4333	-0.298	0.066
82	115	G2	-0.4294	-0.2348	0.0835
82	89	Qm	0.3528	0.3262	-0.1152
82	90	Qm	0.3443	0.4859	-0.1629
82	116	Qm	0.7763	0.7134	-0.1447
82	115	Qm	0.7808	0.5	-0.0969
82	89	Qs	-2.408E-09	-2.660E-09	-5.665E-10
82	90	Qs	-2.161E-09	-2.767E-09	-5.665E-10
82	116	Qs	-3.226E-09	-3.089E-09	-6.108E-10
82	115	Qs	-3.036E-09	-2.756E-09	-6.108E-10
82	89	T+	0.	0.	0.
82	90	T+	0.	0.	0.
82	116	T+	0.	0.	0.
82	115	T+	0.	0.	0.
82	89	T-	0.	0.	0.
82	90	T-	0.	0.	0.
82	116	T-	0.	0.	0.
82	115	T-	0.	0.	0.
82	89	W	3.6679	0.4668	0.1083
82	90	W	3.6383	0.6902	0.1321
82	116	W	3.8451	0.6528	0.1486
82	115	W	3.8116	0.4602	0.1249
82	89	Qm-1	0.5371	0.1843	-0.1604
82	90	Qm-1	0.5571	0.2924	-0.1968
82	116	Qm-1	1.1038	0.4931	-0.1997
82	115	Qm-1	1.0644	0.373	-0.1633
82	89	Qm-2	-0.0413	0.0601	-0.1236
82	90	Qm-2	-0.0308	0.0814	-0.1419
82	116	Qm-2	0.0124	0.1307	-0.1459

Table 27: Element Forces - Area Shells, Part 2 of 3

Area	Joint	OutputCase	M11	M22	M12
			KN-mm/mm	KN-mm/mm	KN-mm/mm
82	115	Qm-2	-0.0036	0.1145	-0.1276
83	90	DEAD	0.	0.	0.
83	91	DEAD	0.	0.	0.
83	117	DEAD	0.	0.	0.
83	116	DEAD	0.	0.	0.
83	90	G1	-2.652E-08	-4.116E-08	-1.593E-08
83	91	G1	-2.595E-08	-3.859E-08	-1.858E-08
83	117	G1	-2.032E-08	-3.885E-08	-1.806E-08
83	116	G1	-1.966E-08	-3.159E-08	-1.787E-08
83	90	G2	-0.3053	-0.3149	0.0503
83	91	G2	-0.3119	-0.3584	0.0334
83	117	G2	-0.4423	-0.346	0.0329
83	116	G2	-0.4333	-0.2981	0.0497
83	90	Qm	0.3444	0.4864	-0.2135
83	91	Qm	0.36	0.6169	-0.2765
83	117	Qm	0.7979	0.8654	-0.2725
83	116	Qm	0.7765	0.7142	-0.2095
83	90	Qs	-2.102E-09	-2.869E-09	-5.439E-10
83	91	Qs	-2.494E-09	-3.373E-09	-5.298E-10
83	117	Qs	-2.936E-09	-3.514E-09	-5.439E-10
83	116	Qs	-3.193E-09	-3.140E-09	-5.963E-10
83	90	T+	0.	0.	0.
83	91	T+	0.	0.	0.
83	117	T+	0.	0.	0.
83	116	T+	0.	0.	0.
83	90	T-	0.	0.	0.
83	91	T-	0.	0.	0.
83	117	T-	0.	0.	0.
83	116	T-	0.	0.	0.
83	90	W	3.6387	0.6921	0.211
83	91	W	3.9827	0.8738	0.2105
83	117	W	4.0262	0.9672	0.1217
83	116	W	3.8448	0.651	0.1222
83	90	Qm-1	0.5571	0.2923	-0.2302
83	91	Qm-1	0.5943	0.3985	-0.2674
83	117	Qm-1	1.1625	0.5994	-0.2785
83	116	Qm-1	1.1036	0.4925	-0.2414
83	90	Qm-2	-0.0308	0.0812	-0.1576
83	91	Qm-2	-0.0177	0.0998	-0.1715
83	117	Qm-2	0.0313	0.1366	-0.1772
83	116	Qm-2	0.0122	0.1298	-0.1632
84	91	DEAD	0.	0.	0.
84	92	DEAD	0.	0.	0.
84	118	DEAD	0.	0.	0.
84	117	DEAD	0.	0.	0.
84	91	G1	-2.694E-08	-3.785E-08	-1.739E-08
84	92	G1	-2.039E-08	-3.716E-08	-1.762E-08
84	118	G1	-1.537E-08	-3.425E-08	-1.987E-08
84	117	G1	-1.716E-08	-3.694E-08	-1.904E-08
84	91	G2	-0.312	-0.3587	0.016
84	92	G2	-0.3212	-0.3783	0.0027
84	118	G2	-0.4566	-0.3801	0.0053
84	117	G2	-0.4423	-0.346	0.0187
84	91	Qm	0.36	0.617	-0.3326

Table 27: Element Forces - Area Shells, Part 2 of 3

Area	Joint	OutputCase	M11	M22	M12
			KN-mm/mm	KN-mm/mm	KN-mm/mm
84	92	Qm	0.4068	0.7089	-0.3946
84	118	Qm	0.8547	0.9351	-0.4094
84	117	Qm	0.798	0.8655	-0.3474
84	91	Qs	-2.377E-09	-3.008E-09	-4.321E-10
84	92	Qs	-2.291E-09	-3.385E-09	-3.797E-10
84	118	Qs	-2.713E-09	-3.554E-09	-4.765E-10
84	117	Qs	-2.967E-09	-3.441E-09	-4.905E-10
84	91	T+	0.	0.	0.
84	92	T+	0.	0.	0.
84	118	T+	0.	0.	0.
84	117	T+	0.	0.	0.
84	91	T-	0.	0.	0.
84	92	T-	0.	0.	0.
84	118	T-	0.	0.	0.
84	117	T-	0.	0.	0.
84	91	W	3.9818	0.8697	0.2011
84	92	W	4.6887	1.2276	0.1104
84	118	W	4.1946	1.4849	-0.0355
84	117	W	4.0243	0.9574	0.0552
84	91	Qm-1	0.5943	0.3987	-0.3018
84	92	Qm-1	0.6519	0.5049	-0.34
84	118	Qm-1	1.2251	0.7156	-0.3558
84	117	Qm-1	1.1626	0.5996	-0.3176
84	91	Qm-2	-0.0177	0.0999	-0.1854
84	92	Qm-2	-0.0016	0.1198	-0.1989
84	118	Qm-2	0.0342	0.1648	-0.2009
84	117	Qm-2	0.0313	0.1366	-0.1874
85	92	DEAD	0.	0.	0.
85	93	DEAD	0.	0.	0.
85	119	DEAD	0.	0.	0.
85	118	DEAD	0.	0.	0.
85	92	G1	-2.179E-08	-3.960E-08	-1.903E-08
85	93	G1	-1.465E-08	-3.906E-08	-1.996E-08
85	119	G1	-1.509E-08	-3.486E-08	-2.151E-08
85	118	G1	-1.425E-08	-3.601E-08	-1.996E-08
85	92	G2	-0.3211	-0.3778	-0.0089
85	93	G2	-0.3398	-0.3818	-0.0138
85	119	G2	-0.4722	-0.41	-0.0081
85	118	G2	-0.4566	-0.3798	-0.0032
85	92	Qm	0.4068	0.7085	-0.4422
85	93	Qm	0.4836	0.7792	-0.4872
85	119	Qm	0.9442	0.9509	-0.5183
85	118	Qm	0.8546	0.9345	-0.4733
85	92	Qs	-2.386E-09	-3.610E-09	-3.775E-10
85	93	Qs	-1.971E-09	-3.332E-09	-3.856E-10
85	119	Qs	-2.885E-09	-3.510E-09	-3.775E-10
85	118	Qs	-2.777E-09	-3.706E-09	-4.078E-10
85	92	T+	0.	0.	0.
85	93	T+	0.	0.	0.
85	119	T+	0.	0.	0.
85	118	T+	0.	0.	0.
85	92	T-	0.	0.	0.
85	93	T-	0.	0.	0.
85	119	T-	0.	0.	0.

Table 27: Element Forces - Area Shells, Part 2 of 3

Area	Joint	OutputCase	M11	M22	M12
			KN-mm/mm	KN-mm/mm	KN-mm/mm
85	118	T-	0.	0.	0.
85	92	W	4.6706	1.1369	-0.1051
85	93	W	4.9585	2.4794	-0.1676
85	119	W	4.2815	2.1818	-0.1607
85	118	W	4.1985	1.5044	-0.0982
85	92	Qm-1	0.652	0.5054	-0.3735
85	93	Qm-1	0.7373	0.612	-0.414
85	119	Qm-1	1.3199	0.8264	-0.4425
85	118	Qm-1	1.2253	0.7166	-0.402
85	92	Qm-2	-0.0015	0.1202	-0.2129
85	93	Qm-2	0.0225	0.1385	-0.2298
85	119	Qm-2	0.0442	0.1859	-0.2353
85	118	Qm-2	0.0344	0.1658	-0.2183
86	93	DEAD	0.	0.	0.
86	94	DEAD	0.	0.	0.
86	120	DEAD	0.	0.	0.
86	119	DEAD	0.	0.	0.
86	93	G1	-1.669E-08	-3.721E-08	-1.992E-08
86	94	G1	-1.541E-08	-4.654E-08	-2.102E-08
86	120	G1	-1.026E-08	-4.656E-08	-2.205E-08
86	119	G1	-1.323E-08	-3.462E-08	-2.280E-08
86	93	G2	-0.3397	-0.3812	-0.0118
86	94	G2	-0.3519	-0.4102	-0.0086
86	120	G2	-0.4837	-0.4497	-0.0065
86	119	G2	-0.4721	-0.4097	-0.0097
86	93	Qm	0.4835	0.7787	-0.5157
86	94	Qm	0.5834	0.8667	-0.5351
86	120	Qm	1.0573	0.9754	-0.5748
86	119	Qm	0.944	0.9501	-0.5554
86	93	Qs	-2.123E-09	-3.447E-09	-3.741E-10
86	94	Qs	-1.847E-09	-3.902E-09	-2.552E-10
86	120	Qs	-3.137E-09	-4.461E-09	-3.298E-10
86	119	Qs	-2.933E-09	-3.680E-09	-4.103E-10
86	93	T+	0.	0.	0.
86	94	T+	0.	0.	0.
86	120	T+	0.	0.	0.
86	119	T+	0.	0.	0.
86	93	T-	0.	0.	0.
86	94	T-	0.	0.	0.
86	120	T-	0.	0.	0.
86	119	T-	0.	0.	0.
86	93	W	4.9835	2.6046	-0.0999
86	94	W	4.9737	3.0444	0.0175
86	120	W	4.3887	2.6632	0.0356
86	119	W	4.278	2.1643	-0.0818
86	93	Qm-1	0.7373	0.6123	-0.4441
86	94	Qm-1	0.8624	0.7259	-0.4803
86	120	Qm-1	1.4692	0.9233	-0.5287
86	119	Qm-1	1.32	0.8268	-0.4925
86	93	Qm-2	0.0226	0.1389	-0.2428
86	94	Qm-2	0.0651	0.1539	-0.2583
86	120	Qm-2	0.0726	0.1865	-0.2724
86	119	Qm-2	0.0442	0.1861	-0.257
87	94	DEAD	0.	0.	0.

Table 27: Element Forces - Area Shells, Part 2 of 3

Area	Joint	OutputCase	M11	M22	M12
			KN-mm/mm	KN-mm/mm	KN-mm/mm
87	95	DEAD	0.	0.	0.
87	121	DEAD	0.	0.	0.
87	120	DEAD	0.	0.	0.
87	94	G1	-1.443E-08	-4.626E-08	-2.070E-08
87	95	G1	-9.914E-09	-5.194E-08	-2.331E-08
87	121	G1	-5.027E-09	-4.608E-08	-2.496E-08
87	120	G1	-1.169E-08	-4.378E-08	-2.296E-08
87	94	G2	-0.3519	-0.4102	-6.967E-04
87	95	G2	-0.3517	-0.4765	0.0025
87	121	G2	-0.4878	-0.5058	-0.0018
87	120	G2	-0.4837	-0.4497	-0.005
87	94	Qm	0.5833	0.8664	-0.5408
87	95	Qm	0.7004	1.0163	-0.5361
87	121	Qm	1.1875	1.0777	-0.5771
87	120	Qm	1.0572	0.9749	-0.5818
87	94	Qs	-1.860E-09	-3.915E-09	-2.308E-10
87	95	Qs	-2.049E-09	-4.683E-09	-2.670E-10
87	121	Qs	-2.982E-09	-4.671E-09	-3.195E-10
87	120	Qs	-3.071E-09	-4.143E-09	-2.449E-10
87	94	T+	0.	0.	0.
87	95	T+	0.	0.	0.
87	121	T+	0.	0.	0.
87	120	T+	0.	0.	0.
87	94	T-	0.	0.	0.
87	95	T-	0.	0.	0.
87	121	T-	0.	0.	0.
87	120	T-	0.	0.	0.
87	94	W	4.9738	3.0449	0.1655
87	95	W	5.1759	3.142	0.2803
87	121	W	4.4743	2.7151	0.2266
87	120	W	4.3887	2.6634	0.1118
87	94	Qm-1	0.8624	0.7259	-0.5025
87	95	Qm-1	1.035	0.8735	-0.5307
87	121	Qm-1	1.6788	1.0621	-0.5983
87	120	Qm-1	1.4691	0.9228	-0.5701
87	94	Qm-2	0.0651	0.154	-0.266
87	95	Qm-2	0.1345	0.1794	-0.2741
87	121	Qm-2	0.1218	0.1848	-0.2978
87	120	Qm-2	0.0726	0.1862	-0.2897
88	95	DEAD	0.	0.	0.
88	96	DEAD	0.	0.	0.
88	122	DEAD	0.	0.	0.
88	121	DEAD	0.	0.	0.
88	95	G1	-8.104E-09	-4.912E-08	-2.315E-08
88	96	G1	-5.111E-09	-4.621E-08	-2.386E-08
88	122	G1	1.117E-09	-4.663E-08	-2.599E-08
88	121	G1	-5.332E-09	-4.839E-08	-2.528E-08
88	95	G2	-0.3519	-0.4772	0.0044
88	96	G2	-0.3452	-0.5648	-4.534E-04
88	122	G2	-0.4881	-0.5686	-0.0081
88	121	G2	-0.4879	-0.5061	-0.0033
88	95	Qm	0.7004	1.0163	-0.523
88	96	Qm	0.8359	1.2675	-0.504
88	122	Qm	1.3381	1.3129	-0.5433

Table 27: Element Forces - Area Shells, Part 2 of 3

Area	Joint	OutputCase	M11	M22	M12
			KN-mm/mm	KN-mm/mm	KN-mm/mm
88	121	Qm	1.1875	1.0776	-0.5623
88	95	Qs	-2.019E-09	-4.377E-09	-3.037E-10
88	96	Qs	-2.008E-09	-4.398E-09	-2.210E-10
88	122	Qs	-2.804E-09	-4.573E-09	-2.594E-10
88	121	Qs	-2.997E-09	-4.888E-09	-2.653E-10
88	95	T+	0.	0.	0.
88	96	T+	0.	0.	0.
88	122	T+	0.	0.	0.
88	121	T+	0.	0.	0.
88	95	T-	0.	0.	0.
88	96	T-	0.	0.	0.
88	122	T-	0.	0.	0.
88	121	T-	0.	0.	0.
88	95	W	5.1511	3.0179	0.346
88	96	W	5.0795	2.2016	0.2732
88	122	W	4.5995	2.6055	0.2235
88	121	W	4.4779	2.7327	0.2963
88	95	Qm-1	1.0351	0.8744	-0.5516
88	96	Qm-1	1.2837	1.1152	-0.5883
88	122	Qm-1	1.9215	1.3624	-0.668
88	121	Qm-1	1.6783	1.0594	-0.6314
88	95	Qm-2	0.1356	0.185	-0.2735
88	96	Qm-2	0.2799	0.2237	-0.2874
88	122	Qm-2	0.1647	0.2688	-0.3213
88	121	Qm-2	0.1209	0.1803	-0.3074
89	96	DEAD	0.	0.	0.
89	97	DEAD	0.	0.	0.
89	123	DEAD	0.	0.	0.
89	122	DEAD	0.	0.	0.
89	96	G1	-6.775E-09	-5.004E-08	-2.453E-08
89	97	G1	6.315E-09	-3.372E-08	-2.595E-08
89	123	G1	9.390E-10	-3.381E-08	-2.666E-08
89	122	G1	2.592E-09	-4.276E-08	-2.524E-08
89	96	G2	-0.3453	-0.5653	-0.0122
89	97	G2	-0.3481	-0.6296	-0.0251
89	123	G2	-0.4899	-0.6208	-0.029
89	122	G2	-0.4881	-0.5689	-0.0161
89	96	Qm	0.8359	1.2674	-0.4831
89	97	Qm	0.9993	1.6636	-0.4627
89	123	Qm	1.5159	1.7241	-0.5001
89	122	Qm	1.3381	1.3128	-0.5205
89	96	Qs	-2.055E-09	-4.518E-09	-2.461E-10
89	97	Qs	-2.059E-09	-4.515E-09	-2.602E-10
89	123	Qs	-3.099E-09	-4.820E-09	-2.018E-10
89	122	Qs	-2.812E-09	-4.560E-09	-1.493E-10
89	96	T+	0.	0.	0.
89	97	T+	0.	0.	0.
89	123	T+	0.	0.	0.
89	122	T+	0.	0.	0.
89	96	T-	0.	0.	0.
89	97	T-	0.	0.	0.
89	123	T-	0.	0.	0.
89	122	T-	0.	0.	0.
89	96	W	5.0979	2.2931	0.047

Table 27: Element Forces - Area Shells, Part 2 of 3

Area	Joint	OutputCase	M11	M22	M12
			KN-mm/mm	KN-mm/mm	KN-mm/mm
89	97	W	4.6451	2.4469	-0.0701
89	123	W	4.647	2.616	0.0212
89	122	W	4.5956	2.5861	0.1383
89	96	Qm-1	1.2823	1.1084	-0.6466
89	97	Qm-1	1.5717	1.689	-0.7039
89	123	Qm-1	2.1669	1.9577	-0.7664
89	122	Qm-1	1.9213	1.3616	-0.7091
89	96	Qm-2	0.2768	0.2081	-0.3052
89	97	Qm-2	0.6511	0.738	-0.2647
89	123	Qm-2	0.0682	0.3379	-0.2976
89	122	Qm-2	0.1659	0.2749	-0.3382
90	97	DEAD	0.	0.	0.
90	98	DEAD	0.	0.	0.
90	124	DEAD	0.	0.	0.
90	123	DEAD	0.	0.	0.
90	97	G1	4.870E-09	-3.230E-08	-2.519E-08
90	98	G1	-2.139E-09	-6.358E-08	-2.400E-08
90	124	G1	7.441E-09	-6.094E-08	-2.661E-08
90	123	G1	-6.762E-10	-3.711E-08	-2.719E-08
90	97	G2	-0.3481	-0.6294	-0.0423
90	98	G2	-0.3543	-0.658	-0.0578
90	124	G2	-0.4978	-0.6493	-0.0572
90	123	G2	-0.4899	-0.6209	-0.0418
90	97	Qm	0.9992	1.6631	-0.4478
90	98	Qm	1.152	2.0676	-0.4346
90	124	Qm	1.6849	2.1533	-0.4669
90	123	Qm	1.5159	1.7239	-0.4801
90	97	Qs	-1.950E-09	-4.226E-09	-8.958E-11
90	98	Qs	-2.100E-09	-4.386E-09	4.341E-11
90	124	Qs	-2.349E-09	-4.558E-09	-8.958E-11
90	123	Qs	-3.172E-09	-4.893E-09	-2.226E-10
90	97	T+	0.	0.	0.
90	98	T+	0.	0.	0.
90	124	T+	0.	0.	0.
90	123	T+	0.	0.	0.
90	97	T-	0.	0.	0.
90	98	T-	0.	0.	0.
90	124	T-	0.	0.	0.
90	123	T-	0.	0.	0.
90	97	W	4.6467	2.455	-0.1086
90	98	W	4.6723	2.7574	-0.1775
90	124	W	4.6805	2.9225	-0.1644
90	123	W	4.6483	2.6223	-0.0955
90	97	Qm-1	1.5717	1.689	-0.7835
90	98	Qm-1	1.3378	0.3286	-0.8279
90	124	Qm-1	1.9373	0.5118	-0.8483
90	123	Qm-1	2.1669	1.9578	-0.8039
90	97	Qm-2	0.6511	0.7381	-0.2039
90	98	Qm-2	0.2704	0.0987	-0.1629
90	124	Qm-2	0.14	0.1593	-0.1326
90	123	Qm-2	0.0682	0.3379	-0.1736
91	98	DEAD	0.	0.	0.
91	99	DEAD	0.	0.	0.
91	125	DEAD	0.	0.	0.

Table 27: Element Forces - Area Shells, Part 2 of 3

Area	Joint	OutputCase	M11	M22	M12
			KN-mm/mm	KN-mm/mm	KN-mm/mm
91	124	DEAD	0.	0.	0.
91	98	G1	-2.464E-09	-6.270E-08	-2.495E-08
91	99	G1	-1.548E-09	-7.946E-08	-2.317E-08
91	125	G1	-7.352E-10	-8.598E-08	-2.317E-08
91	124	G1	7.717E-09	-6.292E-08	-2.495E-08
91	98	G2	-0.3544	-0.6582	-0.0753
91	99	G2	-0.3638	-0.6495	-0.0887
91	125	G2	-0.5117	-0.6526	-0.0836
91	124	G2	-0.4978	-0.6492	-0.0702
91	98	Qm	1.152	2.0675	-0.4296
91	99	Qm	1.2564	2.3376	-0.4233
91	125	Qm	1.8081	2.4385	-0.4476
91	124	Qm	1.6849	2.1533	-0.4539
91	98	Qs	-2.086E-09	-4.204E-09	2.434E-11
91	99	Qs	-2.241E-09	-4.261E-09	1.071E-10
91	125	Qs	-2.214E-09	-4.243E-09	9.084E-11
91	124	Qs	-2.462E-09	-4.704E-09	8.490E-11
91	98	T+	0.	0.	0.
91	99	T+	0.	0.	0.
91	125	T+	0.	0.	0.
91	124	T+	0.	0.	0.
91	98	T-	0.	0.	0.
91	99	T-	0.	0.	0.
91	125	T-	0.	0.	0.
91	124	T-	0.	0.	0.
91	98	W	4.6707	2.7494	-0.2144
91	99	W	5.1745	3.1967	-0.3286
91	125	W	4.6917	3.483	-0.3939
91	124	W	4.6792	2.9162	-0.2797
91	98	Qm-1	1.3392	0.3352	-0.8602
91	99	Qm-1	1.1504	-0.6343	-0.8559
91	125	Qm-1	1.7235	-0.5982	-0.8587
91	124	Qm-1	1.9374	0.5127	-0.863
91	98	Qm-2	0.2735	0.1143	-0.1787
91	99	Qm-2	0.1272	-0.0301	-0.1899
91	125	Qm-2	0.0738	-0.0533	-0.1605
91	124	Qm-2	0.1389	0.1536	-0.1493
92	99	DEAD	0.	0.	0.
92	100	DEAD	0.	0.	0.
92	126	DEAD	0.	0.	0.
92	125	DEAD	0.	0.	0.
92	99	G1	-2.429E-09	-8.253E-08	-2.131E-08
92	100	G1	-6.781E-09	-9.876E-08	-1.990E-08
92	126	G1	-7.446E-10	-9.858E-08	-2.025E-08
92	125	G1	8.435E-10	-8.511E-08	-2.167E-08
92	99	G2	-0.3637	-0.649	-0.1012
92	100	G2	-0.3823	-0.6119	-0.1068
92	126	G2	-0.5267	-0.64	-0.0977
92	125	G2	-0.5116	-0.6523	-0.0921
92	99	Qm	1.2565	2.338	-0.4222
92	100	Qm	1.325	2.4986	-0.4187
92	126	Qm	1.8904	2.6045	-0.4365
92	125	Qm	1.8081	2.4386	-0.44
92	99	Qs	-2.288E-09	-4.388E-09	8.021E-11

Table 27: Element Forces - Area Shells, Part 2 of 3

Area	Joint	OutputCase	M11	M22	M12
			KN-mm/mm	KN-mm/mm	KN-mm/mm
92	100	Qs	-2.035E-09	-4.259E-09	1.024E-10
92	126	Qs	-2.485E-09	-4.507E-09	1.245E-10
92	125	Qs	-2.062E-09	-4.131E-09	1.024E-10
92	99	T+	0.	0.	0.
92	100	T+	0.	0.	0.
92	126	T+	0.	0.	0.
92	125	T+	0.	0.	0.
92	99	T-	0.	0.	0.
92	100	T-	0.	0.	0.
92	126	T-	0.	0.	0.
92	125	T-	0.	0.	0.
92	99	W	5.1562	3.1052	-0.5502
92	100	W	5.278	4.5114	-0.6174
92	126	W	4.6367	4.2161	-0.5421
92	125	W	4.6956	3.5025	-0.475
92	99	Qm-1	1.1501	-0.6356	-0.8228
92	100	Qm-1	1.0394	-1.403	-0.7785
92	126	Qm-1	1.5608	-1.4358	-0.7884
92	125	Qm-1	1.7238	-0.5966	-0.8327
92	99	Qm-2	0.126	-0.0358	-0.183
92	100	Qm-2	0.0584	-0.1521	-0.182
92	126	Qm-2	0.0175	-0.1621	-0.1656
92	125	Qm-2	0.0746	-0.049	-0.1665
93	100	DEAD	0.	0.	0.
93	101	DEAD	0.	0.	0.
93	127	DEAD	0.	0.	0.
93	126	DEAD	0.	0.	0.
93	100	G1	-6.639E-09	-9.517E-08	-1.865E-08
93	101	G1	-7.967E-09	-1.074E-07	-1.688E-08
93	127	G1	1.034E-11	-1.087E-07	-1.759E-08
93	126	G1	-1.206E-10	-1.001E-07	-1.936E-08
93	100	G2	-0.3822	-0.6112	-0.1062
93	101	G2	-0.3937	-0.5868	-0.1041
93	127	G2	-0.5372	-0.6256	-0.098
93	126	G2	-0.5267	-0.6397	-0.1
93	100	Qm	1.3251	2.4988	-0.4176
93	101	Qm	1.3663	2.557	-0.4145
93	127	Qm	1.9392	2.664	-0.4284
93	126	Qm	1.8905	2.6047	-0.4314
93	100	Qs	-2.153E-09	-4.206E-09	1.408E-10
93	101	Qs	-2.045E-09	-3.991E-09	1.851E-10
93	127	Qs	-2.112E-09	-4.065E-09	1.408E-10
93	126	Qs	-2.311E-09	-4.390E-09	9.644E-11
93	100	T+	0.	0.	0.
93	101	T+	0.	0.	0.
93	127	T+	0.	0.	0.
93	126	T+	0.	0.	0.
93	100	T-	0.	0.	0.
93	101	T-	0.	0.	0.
93	127	T-	0.	0.	0.
93	126	T-	0.	0.	0.
93	100	W	5.3028	4.6355	-0.5445
93	101	W	5.1498	5.1093	-0.4221
93	127	W	4.6073	4.7163	-0.3435

Table 27: Element Forces - Area Shells, Part 2 of 3

Area	Joint	OutputCase	M11	M22	M12
			KN-mm/mm	KN-mm/mm	KN-mm/mm
93	126	W	4.6331	4.1984	-0.4659
93	100	Qm-1	1.0393	-1.4035	-0.7204
93	101	Qm-1	0.9743	-1.9715	-0.6574
93	127	Qm-1	1.4589	-2.0404	-0.6715
93	126	Qm-1	1.5608	-1.4359	-0.7345
93	100	Qm-2	0.0584	-0.1524	-0.1776
93	101	Qm-2	0.0199	-0.2295	-0.1774
93	127	Qm-2	-0.0175	-0.2363	-0.1684
93	126	Qm-2	0.0175	-0.1623	-0.1686
94	101	DEAD	0.	0.	0.
94	102	DEAD	0.	0.	0.
94	128	DEAD	0.	0.	0.
94	127	DEAD	0.	0.	0.
94	101	G1	-5.955E-09	-1.062E-07	-1.525E-08
94	102	G1	-4.244E-09	-1.101E-07	-1.383E-08
94	128	G1	-4.359E-09	-1.131E-07	-1.383E-08
94	127	G1	-1.540E-09	-1.104E-07	-1.525E-08
94	101	G2	-0.3937	-0.5868	-0.0978
94	102	G2	-0.392	-0.5875	-0.096
94	128	G2	-0.5394	-0.6158	-0.0955
94	127	G2	-0.5372	-0.6256	-0.0974
94	101	Qm	1.3663	2.5571	-0.4124
94	102	Qm	1.3856	2.5181	-0.4091
94	128	Qm	1.9602	2.6244	-0.4207
94	127	Qm	1.9392	2.6641	-0.4241
94	101	Qs	-2.018E-09	-4.052E-09	1.728E-10
94	102	Qs	-1.760E-09	-3.790E-09	1.647E-10
94	128	Qs	-2.184E-09	-3.753E-09	1.728E-10
94	127	Qs	-2.112E-09	-4.087E-09	1.425E-10
94	101	T+	0.	0.	0.
94	102	T+	0.	0.	0.
94	128	T+	0.	0.	0.
94	127	T+	0.	0.	0.
94	101	T-	0.	0.	0.
94	102	T-	0.	0.	0.
94	128	T-	0.	0.	0.
94	127	T-	0.	0.	0.
94	101	W	5.1498	5.1089	-0.2656
94	102	W	5.2069	5.2133	-0.1401
94	128	W	4.5506	4.7642	-0.1339
94	127	W	4.6072	4.716	-0.2593
94	101	Qm-1	0.9742	-1.9717	-0.5882
94	102	Qm-1	0.9481	-2.3276	-0.5163
94	128	Qm-1	1.4127	-2.4141	-0.5317
94	127	Qm-1	1.4588	-2.0405	-0.6036
94	101	Qm-2	0.0198	-0.2297	-0.1751
94	102	Qm-2	0.0023	-0.2734	-0.1759
94	128	Qm-2	-0.0355	-0.278	-0.1721
94	127	Qm-2	-0.0175	-0.2364	-0.1713
95	102	DEAD	0.	0.	0.
95	103	DEAD	0.	0.	0.
95	129	DEAD	0.	0.	0.
95	128	DEAD	0.	0.	0.
95	102	G1	-3.264E-09	-1.085E-07	-1.219E-08

Table 27: Element Forces - Area Shells, Part 2 of 3

Area	Joint	OutputCase	M11	M22	M12
			KN-mm/mm	KN-mm/mm	KN-mm/mm
95	103	G1	-1.093E-08	-1.092E-07	-8.867E-09
95	129	G1	-9.590E-10	-1.129E-07	-8.287E-09
95	128	G1	-5.655E-09	-1.169E-07	-1.099E-08
95	102	G2	-0.3921	-0.5882	-0.0957
95	103	G2	-0.3831	-0.5981	-0.1018
95	129	G2	-0.537	-0.6011	-0.104
95	128	G2	-0.5394	-0.6162	-0.0979
95	102	Qm	1.3856	2.5181	-0.4061
95	103	Qm	1.3863	2.3873	-0.4023
95	129	Qm	1.9573	2.4918	-0.4128
95	128	Qm	1.9602	2.6245	-0.4166
95	102	Qs	-1.723E-09	-3.624E-09	1.319E-10
95	103	Qs	-2.161E-09	-3.680E-09	1.459E-10
95	129	Qs	-2.130E-09	-3.666E-09	2.649E-10
95	128	Qs	-2.269E-09	-3.955E-09	2.124E-10
95	102	T+	0.	0.	0.
95	103	T+	0.	0.	0.
95	129	T+	0.	0.	0.
95	128	T+	0.	0.	0.
95	102	T-	0.	0.	0.
95	103	T-	0.	0.	0.
95	129	T-	0.	0.	0.
95	128	T-	0.	0.	0.
95	102	W	5.1819	5.0883	-0.065
95	103	W	4.9417	4.2542	-0.1222
95	129	W	4.5121	4.6241	-0.1048
95	128	W	4.554	4.7814	-0.0476
95	102	Qm-1	0.9481	-2.3276	-0.4418
95	103	Qm-1	0.9594	-2.4607	-0.3661
95	129	Qm-1	1.4212	-2.5521	-0.3815
95	128	Qm-1	1.4127	-2.4141	-0.4572
95	102	Qm-2	0.0023	-0.2734	-0.1749
95	103	Qm-2	0.0026	-0.2856	-0.1764
95	129	Qm-2	-0.0379	-0.2894	-0.177
95	128	Qm-2	-0.0355	-0.278	-0.1755
96	103	DEAD	0.	0.	0.
96	104	DEAD	0.	0.	0.
96	130	DEAD	0.	0.	0.
96	129	DEAD	0.	0.	0.
96	103	G1	-7.969E-09	-1.060E-07	-5.514E-09
96	104	G1	-2.376E-09	-1.030E-07	-2.322E-09
96	130	G1	-3.625E-09	-1.098E-07	-2.677E-09
96	129	G1	-1.002E-09	-1.142E-07	-5.868E-09
96	103	G2	-0.3832	-0.5986	-0.1152
96	104	G2	-0.3828	-0.5732	-0.1294
96	130	G2	-0.5361	-0.5638	-0.1271
96	129	G2	-0.5371	-0.6014	-0.1129
96	103	Qm	1.3863	2.3873	-0.3986
96	104	Qm	1.3705	2.1707	-0.3943
96	130	Qm	1.9326	2.2721	-0.4041
96	129	Qm	1.9573	2.4918	-0.4084
96	103	Qs	-2.067E-09	-3.465E-09	2.965E-10
96	104	Qs	-1.869E-09	-3.344E-09	4.073E-10
96	130	Qs	-2.305E-09	-3.460E-09	4.073E-10

Table 27: Element Forces - Area Shells, Part 2 of 3

Area	Joint	OutputCase	M11	M22	M12
			KN-mm/mm	KN-mm/mm	KN-mm/mm
96	129	Qs	-2.315E-09	-3.912E-09	2.965E-10
96	103	T+	0.	0.	0.
96	104	T+	0.	0.	0.
96	130	T+	0.	0.	0.
96	129	T+	0.	0.	0.
96	103	T-	0.	0.	0.
96	104	T-	0.	0.	0.
96	130	T-	0.	0.	0.
96	129	T-	0.	0.	0.
96	103	W	4.9599	4.3449	-0.3371
96	104	W	4.2958	4.4501	-0.4315
96	130	W	4.3556	4.5655	-0.2586
96	129	W	4.5081	4.6042	-0.1642
96	103	Qm-1	0.9594	-2.4605	-0.2895
96	104	Qm-1	1.0103	-2.3639	-0.2138
96	130	Qm-1	1.4871	-2.4483	-0.2297
96	129	Qm-1	1.4212	-2.552	-0.3055
96	103	Qm-2	0.0026	-0.2855	-0.1758
96	104	Qm-2	0.0215	-0.2664	-0.1776
96	130	Qm-2	-0.024	-0.271	-0.1828
96	129	Qm-2	-0.0379	-0.2894	-0.181
97	104	DEAD	0.	0.	0.
97	105	DEAD	0.	0.	0.
97	131	DEAD	0.	0.	0.
97	130	DEAD	0.	0.	0.
97	104	G1	-3.989E-09	-1.005E-07	1.086E-09
97	105	G1	6.939E-10	-8.579E-08	4.762E-09
97	131	G1	4.833E-09	-8.938E-08	3.214E-09
97	130	G1	-3.074E-09	-1.110E-07	1.519E-10
97	104	G2	-0.3827	-0.573	-0.1484
97	105	G2	-0.3849	-0.5	-0.1652
97	131	G2	-0.5423	-0.4908	-0.1573
97	130	G2	-0.5362	-0.5639	-0.1406
97	104	Qm	1.3705	2.1706	-0.3901
97	105	Qm	1.339	1.8752	-0.3849
97	131	Qm	1.8871	1.9708	-0.3937
97	130	Qm	1.9326	2.272	-0.399
97	104	Qs	-1.757E-09	-3.032E-09	5.153E-10
97	105	Qs	-1.807E-09	-2.832E-09	5.656E-10
97	131	Qs	-2.039E-09	-3.048E-09	5.597E-10
97	130	Qs	-2.330E-09	-3.455E-09	4.326E-10
97	104	T+	0.	0.	0.
97	105	T+	0.	0.	0.
97	131	T+	0.	0.	0.
97	130	T+	0.	0.	0.
97	104	T-	0.	0.	0.
97	105	T-	0.	0.	0.
97	131	T-	0.	0.	0.
97	130	T-	0.	0.	0.
97	104	W	4.297	4.4562	-0.4528
97	105	W	4.0249	4.6664	-0.48
97	131	W	4.1372	4.7141	-0.3628
97	130	W	4.3571	4.5733	-0.3357
97	104	Qm-1	1.0103	-2.3636	-0.1379

Table 27: Element Forces - Area Shells, Part 2 of 3

Area	Joint	OutputCase	M11	M22	M12
			KN-mm/mm	KN-mm/mm	KN-mm/mm
97	105	Qm-1	1.1072	-2.0341	-0.0665
97	131	Qm-1	1.6169	-2.0949	-0.0853
97	130	Qm-1	1.4871	-2.4481	-0.1567
97	104	Qm-2	0.0215	-0.2661	-0.1763
97	105	Qm-2	0.064	-0.2147	-0.1781
97	131	Qm-2	0.0091	-0.2211	-0.1896
97	130	Qm-2	-0.0239	-0.2709	-0.1878
98	105	DEAD	0.	0.	0.
98	106	DEAD	0.	0.	0.
98	132	DEAD	0.	0.	0.
98	131	DEAD	0.	0.	0.
98	105	G1	-3.227E-10	-8.675E-08	5.481E-09
98	106	G1	2.264E-09	-6.284E-08	5.706E-09
98	132	G1	1.519E-08	-6.556E-08	6.190E-09
98	131	G1	6.387E-09	-8.372E-08	5.351E-09
98	105	G2	-0.385	-0.5002	-0.1848
98	106	G2	-0.3898	-0.3784	-0.1997
98	132	G2	-0.5578	-0.3815	-0.1858
98	131	G2	-0.5423	-0.4908	-0.1709
98	105	Qm	1.339	1.8751	-0.3798
98	106	Qm	1.2912	1.5084	-0.3724
98	132	Qm	1.8199	1.5926	-0.3794
98	131	Qm	1.8871	1.9707	-0.3868
98	105	Qs	-1.855E-09	-3.011E-09	5.533E-10
98	106	Qs	-1.600E-09	-1.925E-09	4.565E-10
98	132	Qs	-1.922E-09	-2.014E-09	5.089E-10
98	131	Qs	-1.980E-09	-2.692E-09	5.673E-10
98	105	T+	0.	0.	0.
98	106	T+	0.	0.	0.
98	132	T+	0.	0.	0.
98	131	T+	0.	0.	0.
98	105	T-	0.	0.	0.
98	106	T-	0.	0.	0.
98	132	T-	0.	0.	0.
98	131	T-	0.	0.	0.
98	105	W	4.0236	4.6599	-0.4576
98	106	W	4.1142	4.8327	-0.4843
98	132	W	3.9316	4.8927	-0.4458
98	131	W	4.1373	4.7146	-0.419
98	105	Qm-1	1.1073	-2.0335	0.0038
98	106	Qm-1	1.2621	-1.4691	0.0624
98	132	Qm-1	1.8222	-1.475	0.0367
98	131	Qm-1	1.6169	-2.0947	-0.0218
98	105	Qm-2	0.0641	-0.2143	-0.1754
98	106	Qm-2	0.1406	-0.1255	-0.1776
98	132	Qm-2	0.068	-0.1336	-0.1985
98	131	Qm-2	0.0091	-0.2208	-0.1962
99	106	DEAD	0.	0.	0.
99	107	DEAD	0.	0.	0.
99	133	DEAD	0.	0.	0.
99	132	DEAD	0.	0.	0.
99	106	G1	2.799E-09	-6.156E-08	8.607E-09
99	107	G1	1.001E-08	-3.857E-08	9.991E-09
99	133	G1	1.880E-08	-4.112E-08	1.003E-08

Table 27: Element Forces - Area Shells, Part 2 of 3

Area	Joint	OutputCase	M11	M22	M12
			KN-mm/mm	KN-mm/mm	KN-mm/mm
99	132	G1	1.489E-08	-6.419E-08	6.799E-09
99	106	G2	-0.3897	-0.3781	-0.2149
99	107	G2	-0.4055	-0.2173	-0.2215
99	133	G2	-0.5801	-0.2507	-0.2014
99	132	G2	-0.5577	-0.3812	-0.1948
99	106	Qm	1.2911	1.5082	-0.3646
99	107	Qm	1.2238	1.0767	-0.3519
99	133	Qm	1.7293	1.1382	-0.3559
99	132	Qm	1.8199	1.5926	-0.3686
99	106	Qs	-1.632E-09	-1.848E-09	5.955E-10
99	107	Qs	-1.609E-09	-1.689E-09	6.074E-10
99	133	Qs	-1.921E-09	-1.826E-09	6.842E-10
99	132	Qs	-1.977E-09	-2.268E-09	5.188E-10
99	106	T+	0.	0.	0.
99	107	T+	0.	0.	0.
99	133	T+	0.	0.	0.
99	132	T+	0.	0.	0.
99	106	T-	0.	0.	0.
99	107	T-	0.	0.	0.
99	133	T-	0.	0.	0.
99	132	T-	0.	0.	0.
99	106	W	4.1039	4.7812	-0.5218
99	107	W	4.0491	5.2728	-0.4676
99	133	W	3.8257	4.8039	-0.4174
99	132	W	3.9354	4.9116	-0.4715
99	106	Qm-1	1.2624	-1.4677	0.1153
99	107	Qm-1	1.5129	-0.6493	0.1418
99	133	Qm-1	2.0996	-0.5387	0.1049
99	132	Qm-1	1.8219	-1.4764	0.0784
99	106	Qm-2	0.1417	-0.1196	-0.173
99	107	Qm-2	0.3053	-0.005	-0.1889
99	133	Qm-2	0.1399	0.0415	-0.2259
99	132	Qm-2	0.0672	-0.1378	-0.21
100	107	DEAD	0.	0.	0.
100	108	DEAD	0.	0.	0.
100	134	DEAD	0.	0.	0.
100	133	DEAD	0.	0.	0.
100	107	G1	1.115E-08	-3.902E-08	9.821E-09
100	108	G1	1.700E-08	-7.022E-09	8.178E-09
100	134	G1	2.317E-08	-1.293E-09	8.402E-09
100	133	G1	2.086E-08	-3.774E-08	1.066E-08
100	107	G2	-0.4053	-0.2161	-0.2216
100	108	G2	-0.4205	-0.0699	-0.217
100	134	G2	-0.6016	-0.1288	-0.1982
100	133	G2	-0.58	-0.2502	-0.2028
100	107	Qm	1.2239	1.0769	-0.3366
100	108	Qm	1.1308	0.5717	-0.3138
100	134	Qm	1.6166	0.5986	-0.3144
100	133	Qm	1.7294	1.1384	-0.3373
100	107	Qs	-1.469E-09	-1.700E-09	5.533E-10
100	108	Qs	-1.566E-09	-1.226E-09	5.111E-10
100	134	Qs	-1.884E-09	-1.052E-09	5.089E-10
100	133	Qs	-1.921E-09	-1.736E-09	6.663E-10
100	107	T+	0.	0.	0.

Table 27: Element Forces - Area Shells, Part 2 of 3

Area	Joint	OutputCase	M11	M22	M12
			KN-mm/mm	KN-mm/mm	KN-mm/mm
100	108	T+	0.	0.	0.
100	134	T+	0.	0.	0.
100	133	T+	0.	0.	0.
100	107	T-	0.	0.	0.
100	108	T-	0.	0.	0.
100	134	T-	0.	0.	0.
100	133	T-	0.	0.	0.
100	107	W	4.0777	5.416	-0.1967
100	108	W	4.0562	4.4694	0.0265
100	134	W	4.079	3.9759	-0.0958
100	133	W	3.8234	4.7922	-0.3189
100	107	Qm-1	1.5116	-0.6558	0.1396
100	108	Qm-1	1.8309	0.625	0.1286
100	134	Qm-1	2.4238	0.7976	0.1036
100	133	Qm-1	2.0995	-0.5395	0.1146
100	107	Qm-2	0.3022	-0.0204	-0.208
100	108	Qm-2	0.7138	0.5874	-0.1737
100	134	Qm-2	0.0855	0.1973	-0.2163
100	133	Qm-2	0.141	0.0473	-0.2506
101	108	DEAD	0.	0.	0.
101	109	DEAD	0.	0.	0.
101	135	DEAD	0.	0.	0.
101	134	DEAD	0.	0.	0.
101	108	G1	1.930E-08	-1.596E-09	8.470E-09
101	109	G1	1.692E-08	-7.843E-09	9.794E-09
101	135	G1	2.626E-08	-4.035E-09	8.115E-09
101	134	G1	2.411E-08	-3.853E-09	8.020E-09
101	108	G2	-0.4204	-0.0693	-0.2036
101	109	G2	-0.4169	0.0058	-0.1965
101	135	G2	-0.6139	-0.0443	-0.188
101	134	G2	-0.6015	-0.1286	-0.1951
101	108	Qm	1.1309	0.5722	-0.2845
101	109	Qm	1.0556	0.157	-0.2501
101	135	Qm	1.5258	0.1567	-0.2513
101	134	Qm	1.6167	0.5989	-0.2856
101	108	Qs	-1.383E-09	-9.734E-10	5.375E-10
101	109	Qs	-1.426E-09	-7.264E-10	5.818E-10
101	135	Qs	-1.763E-09	-4.775E-10	5.375E-10
101	134	Qs	-2.027E-09	-1.339E-09	4.932E-10
101	108	T+	0.	0.	0.
101	109	T+	0.	0.	0.
101	135	T+	0.	0.	0.
101	134	T+	0.	0.	0.
101	108	T-	0.	0.	0.
101	109	T-	0.	0.	0.
101	135	T-	0.	0.	0.
101	134	T-	0.	0.	0.
101	108	W	3.977	4.0735	0.3535
101	109	W	5.0665	3.7406	0.6869
101	135	W	4.6405	2.1169	0.2516
101	134	W	4.0908	4.0346	-0.0818
101	108	Qm-1	1.8309	0.625	0.0929
101	109	Qm-1	1.6587	0.0642	0.0844
101	135	Qm-1	2.3142	0.1821	0.0941

Table 27: Element Forces - Area Shells, Part 2 of 3

Area	Joint	OutputCase	M11	M22	M12
			KN-mm/mm	KN-mm/mm	KN-mm/mm
101	134	Qm-1	2.4239	0.7977	0.1027
101	108	Qm-2	0.7138	0.5875	-0.1176
101	109	Qm-2	0.3914	0.0296	-0.0861
101	135	Qm-2	0.2116	0.1071	-0.0722
101	134	Qm-2	0.0855	0.1974	-0.1037
102	109	DEAD	0.	0.	0.
102	110	DEAD	0.	0.	0.
102	136	DEAD	0.	0.	0.
102	135	DEAD	0.	0.	0.
102	109	G1	1.636E-08	-7.522E-09	8.655E-09
102	110	G1	1.435E-08	-4.075E-10	8.395E-09
102	136	G1	3.015E-08	-1.360E-09	9.364E-09
102	135	G1	2.832E-08	-1.870E-09	8.395E-09
102	109	G2	-0.4172	0.0045	-0.1894
102	110	G2	-0.3966	0.0011	-0.1965
102	136	G2	-0.6261	-4.444E-04	-0.1965
102	135	G2	-0.614	-0.0449	-0.1894
102	109	Qm	1.0556	0.1568	-0.2102
102	110	Qm	1.0416	4.108E-04	-0.1714
102	136	Qm	1.4983	7.847E-05	-0.1758
102	135	Qm	1.5259	0.1567	-0.2146
102	109	Qs	-1.395E-09	-5.058E-10	5.021E-10
102	110	Qs	-1.136E-09	2.740E-11	4.496E-10
102	136	Qs	-1.653E-09	-6.527E-11	4.577E-10
102	135	Qs	-1.787E-09	-4.353E-10	4.718E-10
102	109	T+	0.	0.	0.
102	110	T+	0.	0.	0.
102	136	T+	0.	0.	0.
102	135	T+	0.	0.	0.
102	109	T-	0.	0.	0.
102	110	T-	0.	0.	0.
102	136	T-	0.	0.	0.
102	135	T-	0.	0.	0.
102	109	W	4.6564	1.69	0.9323
102	110	W	5.9547	0.3491	0.8536
102	136	W	5.5469	-0.0433	0.2484
102	135	W	4.6944	2.3865	0.3271
102	109	Qm-1	1.6599	0.0702	0.0875
102	110	Qm-1	1.5573	0.0013	0.1211
102	136	Qm-1	2.2676	2.609E-04	0.1417
102	135	Qm-1	2.3144	0.1829	0.1081
102	109	Qm-2	0.3944	0.0448	-0.1096
102	110	Qm-2	0.3284	0.007	-0.1316
102	136	Qm-2	0.2163	-0.0031	-0.125
102	135	Qm-2	0.2104	0.1012	-0.103
103	111	DEAD	0.	0.	0.
103	112	DEAD	0.	0.	0.
103	138	DEAD	0.	0.	0.
103	137	DEAD	0.	0.	0.
103	111	G1	-9.061E-09	-1.910E-09	-1.165E-08
103	112	G1	-1.888E-08	-1.498E-08	-1.165E-08
103	138	G1	6.809E-09	-8.737E-09	-1.272E-08
103	137	G1	-1.498E-09	-1.503E-09	-1.272E-08
103	111	G2	-0.4457	7.806E-05	0.1575

Table 27: Element Forces - Area Shells, Part 2 of 3

Area	Joint	OutputCase	M11	M22	M12
			KN-mm/mm	KN-mm/mm	KN-mm/mm
103	112	G2	-0.4414	-0.0306	0.1485
103	138	G2	-0.5696	-0.0398	0.1423
103	137	G2	-0.5811	-1.232E-04	0.1513
103	111	Qm	0.7852	-8.094E-04	-0.1377
103	112	Qm	0.7979	0.003	-0.0976
103	138	Qm	1.3131	0.0151	-0.1035
103	137	Qm	1.2936	-5.862E-04	-0.1436
103	111	Qs	-2.074E-09	-1.439E-10	-4.257E-10
103	112	Qs	-2.545E-09	-7.648E-10	-4.922E-10
103	138	Qs	-2.736E-09	-7.951E-10	-4.701E-10
103	137	Qs	-2.736E-09	8.192E-12	-4.036E-10
103	111	T+	0.	0.	0.
103	112	T+	0.	0.	0.
103	138	T+	0.	0.	0.
103	137	T+	0.	0.	0.
103	111	T-	0.	0.	0.
103	112	T-	0.	0.	0.
103	138	T-	0.	0.	0.
103	137	T-	0.	0.	0.
103	111	W	4.2851	-0.0011	0.1705
103	112	W	4.0894	0.3353	0.1578
103	138	W	3.6683	0.2033	0.2377
103	137	W	3.7485	5.972E-04	0.2505
103	111	Qm-1	1.0385	-0.0011	-0.202
103	112	Qm-1	1.0566	-0.0118	-0.1517
103	138	Qm-1	1.7197	0.0107	-0.1604
103	137	Qm-1	1.696	-7.498E-04	-0.2107
103	111	Qm-2	-0.0273	-9.015E-05	-0.0678
103	112	Qm-2	-0.0184	-0.0038	-0.0651
103	138	Qm-2	0.024	-9.504E-04	-0.0696
103	137	Qm-2	0.0122	1.061E-04	-0.0723
104	112	DEAD	0.	0.	0.
104	113	DEAD	0.	0.	0.
104	139	DEAD	0.	0.	0.
104	138	DEAD	0.	0.	0.
104	112	G1	-1.865E-08	-1.326E-08	-1.182E-08
104	113	G1	-1.114E-08	-1.534E-08	-1.040E-08
104	139	G1	-2.028E-09	-1.951E-08	-1.111E-08
104	138	G1	6.506E-09	-9.048E-09	-1.253E-08
104	112	G2	-0.4414	-0.0305	0.1418
104	113	G2	-0.4362	-0.0862	0.1347
104	139	G2	-0.5615	-0.0937	0.1274
104	138	G2	-0.5696	-0.0397	0.1345
104	112	Qm	0.7979	0.0029	-0.0652
104	113	Qm	0.8017	0.0977	-0.0341
104	139	Qm	1.3375	0.1468	-0.0305
104	138	Qm	1.3131	0.0149	-0.0616
104	112	Qs	-2.590E-09	-9.476E-10	-4.897E-10
104	113	Qs	-2.385E-09	-1.100E-09	-4.676E-10
104	139	Qs	-2.817E-09	-1.286E-09	-5.341E-10
104	138	Qs	-2.762E-09	-9.892E-10	-5.562E-10
104	112	T+	0.	0.	0.
104	113	T+	0.	0.	0.
104	139	T+	0.	0.	0.

Table 27: Element Forces - Area Shells, Part 2 of 3

Area	Joint	OutputCase	M11	M22	M12
			KN-mm/mm	KN-mm/mm	KN-mm/mm
104	138	T+	0.	0.	0.
104	112	T-	0.	0.	0.
104	113	T-	0.	0.	0.
104	139	T-	0.	0.	0.
104	138	T-	0.	0.	0.
104	112	W	4.0913	0.3449	0.1889
104	113	W	3.9534	0.416	0.2063
104	139	W	3.6105	0.3213	0.255
104	138	W	3.6681	0.2025	0.2375
104	112	Qm-1	1.0565	-0.0119	-0.1132
104	113	Qm-1	1.0586	0.0725	-0.0787
104	139	Qm-1	1.7451	0.1547	-0.0749
104	138	Qm-1	1.7196	0.0104	-0.1094
104	112	Qm-2	-0.0184	-0.0042	-0.0629
104	113	Qm-2	-0.0097	0.0228	-0.0613
104	139	Qm-2	0.0482	0.0318	-0.0657
104	138	Qm-2	0.024	-7.478E-04	-0.0673
105	113	DEAD	0.	0.	0.
105	114	DEAD	0.	0.	0.
105	140	DEAD	0.	0.	0.
105	139	DEAD	0.	0.	0.
105	113	G1	-1.144E-08	-2.190E-08	-1.118E-08
105	114	G1	-1.975E-08	-2.404E-08	-1.166E-08
105	140	G1	-1.689E-09	-2.102E-08	-1.012E-08
105	139	G1	-8.243E-10	-1.558E-08	-1.025E-08
105	113	G2	-0.4363	-0.0865	0.1275
105	114	G2	-0.4309	-0.1599	0.1183
105	140	G2	-0.5552	-0.1582	0.1101
105	139	G2	-0.5615	-0.0938	0.1194
105	113	Qm	0.8017	0.0979	-0.0163
105	114	Qm	0.7937	0.2748	-0.0051
105	140	Qm	1.361	0.393	0.0093
105	139	Qm	1.3374	0.1465	-0.0019
105	113	Qs	-2.512E-09	-1.691E-09	-5.614E-10
105	114	Qs	-2.811E-09	-1.914E-09	-5.916E-10
105	140	Qs	-2.834E-09	-2.234E-09	-5.392E-10
105	139	Qs	-2.717E-09	-1.310E-09	-5.473E-10
105	113	T+	0.	0.	0.
105	114	T+	0.	0.	0.
105	140	T+	0.	0.	0.
105	139	T+	0.	0.	0.
105	113	T-	0.	0.	0.
105	114	T-	0.	0.	0.
105	140	T-	0.	0.	0.
105	139	T-	0.	0.	0.
105	113	W	3.955	0.4239	0.2307
105	114	W	3.8734	0.3971	0.2285
105	140	W	3.5924	0.3885	0.251
105	139	W	3.6098	0.3179	0.2532
105	113	Qm-1	1.0589	0.0738	-0.0641
105	114	Qm-1	1.0532	0.2215	-0.0639
105	140	Qm-1	1.7494	0.4168	-0.0465
105	139	Qm-1	1.7449	0.1538	-0.0468
105	113	Qm-2	-0.0097	0.0231	-0.0631

Table 27: Element Forces - Area Shells, Part 2 of 3

Area	Joint	OutputCase	M11	M22	M12
			KN-mm/mm	KN-mm/mm	KN-mm/mm
105	114	Qm-2	-0.0115	0.0742	-0.0679
105	140	Qm-2	0.0769	0.1198	-0.0677
105	139	Qm-2	0.0478	0.0297	-0.0629
106	114	DEAD	0.	0.	0.
106	115	DEAD	0.	0.	0.
106	141	DEAD	0.	0.	0.
106	140	DEAD	0.	0.	0.
106	114	G1	-1.951E-08	-2.910E-08	-1.234E-08
106	115	G1	-2.175E-08	-3.179E-08	-1.473E-08
106	141	G1	-4.703E-09	-2.316E-08	-1.305E-08
106	140	G1	-2.156E-09	-1.894E-08	-1.189E-08
106	114	G2	-0.4309	-0.1601	0.1066
106	115	G2	-0.4294	-0.2347	0.0939
106	141	G2	-0.5526	-0.2252	0.0872
106	140	G2	-0.5552	-0.1584	0.0998
106	114	Qm	0.7939	0.2755	-0.0123
106	115	Qm	0.7806	0.499	-0.0337
106	141	Qm	1.3743	0.7158	-0.0109
106	140	Qm	1.3611	0.3935	0.0105
106	114	Qs	-2.862E-09	-2.210E-09	-5.678E-10
106	115	Qs	-3.198E-09	-3.013E-09	-6.121E-10
106	141	Qs	-2.990E-09	-2.515E-09	-5.456E-10
106	140	Qs	-2.893E-09	-2.221E-09	-5.013E-10
106	114	T+	0.	0.	0.
106	115	T+	0.	0.	0.
106	141	T+	0.	0.	0.
106	140	T+	0.	0.	0.
106	114	T-	0.	0.	0.
106	115	T-	0.	0.	0.
106	141	T-	0.	0.	0.
106	140	T-	0.	0.	0.
106	114	W	3.8717	0.3886	0.2112
106	115	W	3.8034	0.4538	0.1821
106	141	W	3.6106	0.4979	0.1999
106	140	W	3.5926	0.3896	0.2289
106	114	Qm-1	1.0534	0.2223	-0.0834
106	115	Qm-1	1.0663	0.3733	-0.1235
106	141	Qm-1	1.7604	0.6444	-0.1127
106	140	Qm-1	1.7504	0.4218	-0.0726
106	114	Qm-2	-0.0114	0.0748	-0.0845
106	115	Qm-2	-6.399E-04	0.1151	-0.1085
106	141	Qm-2	0.0552	0.211	-0.1007
106	140	Qm-2	0.0775	0.1227	-0.0768
107	115	DEAD	0.	0.	0.
107	116	DEAD	0.	0.	0.
107	142	DEAD	0.	0.	0.
107	141	DEAD	0.	0.	0.
107	115	G1	-2.235E-08	-3.165E-08	-1.519E-08
107	116	G1	-2.049E-08	-3.408E-08	-1.781E-08
107	142	G1	-3.861E-09	-2.753E-08	-1.839E-08
107	141	G1	-5.332E-09	-2.317E-08	-1.639E-08
107	115	G2	-0.4294	-0.2348	0.0785
107	116	G2	-0.4334	-0.2981	0.064
107	142	G2	-0.5552	-0.287	0.0602

Table 27: Element Forces - Area Shells, Part 2 of 3

Area	Joint	OutputCase	M11	M22	M12
			KN-mm/mm	KN-mm/mm	KN-mm/mm
107	141	G2	-0.5526	-0.2253	0.0746
107	115	Qm	0.7808	0.5	-0.0723
107	116	Qm	0.7766	0.7135	-0.1308
107	142	Qm	1.3909	1.0183	-0.1119
107	141	Qm	1.3746	0.7173	-0.0534
107	115	Qs	-3.079E-09	-2.721E-09	-6.672E-10
107	116	Qs	-3.019E-09	-3.075E-09	-6.753E-10
107	142	Qs	-3.209E-09	-3.305E-09	-6.893E-10
107	141	Qs	-3.077E-09	-2.568E-09	-7.196E-10
107	115	T+	0.	0.	0.
107	116	T+	0.	0.	0.
107	142	T+	0.	0.	0.
107	141	T+	0.	0.	0.
107	115	T-	0.	0.	0.
107	116	T-	0.	0.	0.
107	142	T-	0.	0.	0.
107	141	T-	0.	0.	0.
107	115	W	3.8044	0.4588	0.1583
107	116	W	3.8396	0.6517	0.1229
107	142	W	3.6584	0.7081	0.1223
107	141	W	3.6105	0.4975	0.1578
107	115	Qm-1	1.0663	0.3734	-0.1626
107	116	Qm-1	1.1037	0.4931	-0.2143
107	142	Qm-1	1.8416	0.7565	-0.2293
107	141	Qm-1	1.7604	0.6444	-0.1776
107	115	Qm-2	-6.429E-04	0.1151	-0.1299
107	116	Qm-2	0.0104	0.1303	-0.1549
107	142	Qm-2	0.1029	0.1839	-0.1677
107	141	Qm-2	0.0552	0.2111	-0.1427
108	116	DEAD	0.	0.	0.
108	117	DEAD	0.	0.	0.
108	143	DEAD	0.	0.	0.
108	142	DEAD	0.	0.	0.
108	116	G1	-2.092E-08	-3.228E-08	-1.855E-08
108	117	G1	-1.859E-08	-3.777E-08	-1.948E-08
108	143	G1	-2.298E-09	-3.281E-08	-2.138E-08
108	142	G1	-3.473E-09	-2.709E-08	-1.983E-08
108	116	G2	-0.4334	-0.2981	0.0478
108	117	G2	-0.4423	-0.346	0.034
108	143	G2	-0.5635	-0.3397	0.0334
108	142	G2	-0.5552	-0.2869	0.0472
108	116	Qm	0.7768	0.7143	-0.1964
108	117	Qm	0.798	0.8654	-0.2785
108	143	Qm	1.4261	1.2036	-0.2763
108	142	Qm	1.3911	1.0189	-0.1941
108	116	Qs	-3.014E-09	-3.051E-09	-6.130E-10
108	117	Qs	-2.709E-09	-3.519E-09	-6.130E-10
108	143	Qs	-3.519E-09	-3.777E-09	-6.795E-10
108	142	Qs	-3.075E-09	-3.020E-09	-6.795E-10
108	116	T+	0.	0.	0.
108	117	T+	0.	0.	0.
108	143	T+	0.	0.	0.
108	142	T+	0.	0.	0.
108	116	T-	0.	0.	0.

Table 27: Element Forces - Area Shells, Part 2 of 3

Area	Joint	OutputCase	M11	M22	M12
			KN-mm/mm	KN-mm/mm	KN-mm/mm
108	117	T-	0.	0.	0.
108	143	T-	0.	0.	0.
108	142	T-	0.	0.	0.
108	116	W	3.8393	0.6499	0.0949
108	117	W	4.0146	0.9649	0.0475
108	143	W	3.7275	1.0417	0.0236
108	142	W	3.6582	0.7071	0.071
108	116	Qm-1	1.1036	0.4925	-0.257
108	117	Qm-1	1.1606	0.599	-0.2944
108	143	Qm-1	1.9268	0.8206	-0.317
108	142	Qm-1	1.8406	0.7514	-0.2795
108	116	Qm-2	0.0102	0.1294	-0.1735
108	117	Qm-2	0.0318	0.1367	-0.1812
108	143	Qm-2	0.1042	0.1549	-0.1869
108	142	Qm-2	0.1024	0.1812	-0.1791
109	117	DEAD	0.	0.	0.
109	118	DEAD	0.	0.	0.
109	144	DEAD	0.	0.	0.
109	143	DEAD	0.	0.	0.
109	117	G1	-1.770E-08	-3.773E-08	-2.087E-08
109	118	G1	-1.609E-08	-3.477E-08	-2.025E-08
109	144	G1	6.535E-10	-3.214E-08	-2.193E-08
109	143	G1	-2.343E-09	-3.096E-08	-2.131E-08
109	117	G2	-0.4423	-0.346	0.0201
109	118	G2	-0.4563	-0.38	0.0097
109	144	G2	-0.576	-0.3847	0.0119
109	143	G2	-0.5635	-0.3396	0.0223
109	117	Qm	0.798	0.8655	-0.3547
109	118	Qm	0.855	0.9352	-0.4369
109	144	Qm	1.4779	1.2417	-0.4551
109	143	Qm	1.4261	1.2037	-0.3729
109	117	Qs	-2.694E-09	-3.404E-09	-5.345E-10
109	118	Qs	-2.927E-09	-3.540E-09	-4.599E-10
109	144	Qs	-2.919E-09	-3.662E-09	-5.789E-10
109	143	Qs	-3.512E-09	-3.737E-09	-6.151E-10
109	117	T+	0.	0.	0.
109	118	T+	0.	0.	0.
109	144	T+	0.	0.	0.
109	143	T+	0.	0.	0.
109	117	T-	0.	0.	0.
109	118	T-	0.	0.	0.
109	144	T-	0.	0.	0.
109	143	T-	0.	0.	0.
109	117	W	4.0126	0.9551	-0.0133
109	118	W	4.212	1.4884	-0.0633
109	144	W	3.783	1.4991	-0.0751
109	143	W	3.7275	1.0414	-0.0251
109	117	Qm-1	1.1606	0.5992	-0.3321
109	118	Qm-1	1.225	0.7156	-0.3727
109	144	Qm-1	1.9744	0.9924	-0.3841
109	143	Qm-1	1.9268	0.8208	-0.3434
109	117	Qm-2	0.0318	0.1367	-0.1889
109	118	Qm-2	0.0322	0.1644	-0.1969
109	144	Qm-2	0.1097	0.2146	-0.1945

Table 27: Element Forces - Area Shells, Part 2 of 3

Area	Joint	OutputCase	M11	M22	M12
			KN-mm/mm	KN-mm/mm	KN-mm/mm
109	143	Qm-2	0.1042	0.1549	-0.1865
110	118	DEAD	0.	0.	0.
110	119	DEAD	0.	0.	0.
110	145	DEAD	0.	0.	0.
110	144	DEAD	0.	0.	0.
110	118	G1	-1.677E-08	-3.660E-08	-2.123E-08
110	119	G1	-1.356E-08	-3.541E-08	-2.181E-08
110	145	G1	3.975E-09	-2.862E-08	-2.300E-08
110	144	G1	4.521E-10	-3.134E-08	-2.181E-08
110	118	G2	-0.4562	-0.3797	0.0013
110	119	G2	-0.4724	-0.41	-0.0041
110	145	G2	-0.5896	-0.4272	-8.892E-04
110	144	G2	-0.576	-0.3845	0.0044
110	118	Qm	0.8549	0.9346	-0.5017
110	119	Qm	0.9441	0.9509	-0.5604
110	145	Qm	1.555	1.1732	-0.5973
110	144	Qm	1.4778	1.2412	-0.5385
110	118	Qs	-3.010E-09	-3.801E-09	-4.846E-10
110	119	Qs	-2.764E-09	-3.483E-09	-3.716E-10
110	145	Qs	-2.838E-09	-3.673E-09	-4.624E-10
110	144	Qs	-3.008E-09	-3.837E-09	-4.602E-10
110	118	T+	0.	0.	0.
110	119	T+	0.	0.	0.
110	145	T+	0.	0.	0.
110	144	T+	0.	0.	0.
110	118	T-	0.	0.	0.
110	119	T-	0.	0.	0.
110	145	T-	0.	0.	0.
110	144	T-	0.	0.	0.
110	118	W	4.2159	1.5079	-0.1117
110	119	W	4.2824	2.182	-0.1037
110	145	W	3.8367	1.9786	-0.0806
110	144	W	3.7825	1.497	-0.0886
110	118	Qm-1	1.2252	0.7165	-0.42
110	119	Qm-1	1.3217	0.8268	-0.4824
110	145	Qm-1	2.0386	1.1384	-0.5052
110	144	Qm-1	1.9755	0.9978	-0.4428
110	118	Qm-2	0.0324	0.1654	-0.2156
110	119	Qm-2	0.047	0.1865	-0.2415
110	145	Qm-2	0.0706	0.2791	-0.2328
110	144	Qm-2	0.1102	0.2174	-0.2069
111	119	DEAD	0.	0.	0.
111	120	DEAD	0.	0.	0.
111	146	DEAD	0.	0.	0.
111	145	DEAD	0.	0.	0.
111	119	G1	-1.223E-08	-3.532E-08	-2.333E-08
111	120	G1	-1.237E-08	-4.677E-08	-2.523E-08
111	146	G1	4.040E-09	-3.696E-08	-2.581E-08
111	145	G1	4.564E-09	-2.912E-08	-2.452E-08
111	119	G2	-0.4723	-0.4097	-0.0059
111	120	G2	-0.484	-0.4498	-0.0072
111	146	G2	-0.6009	-0.4731	-0.006
111	145	G2	-0.5896	-0.427	-0.0047
111	119	Qm	0.944	0.9501	-0.5978

Table 27: Element Forces - Area Shells, Part 2 of 3

Area	Joint	OutputCase	M11	M22	M12
			KN-mm/mm	KN-mm/mm	KN-mm/mm
111	120	Qm	1.0569	0.9753	-0.6207
111	146	Qm	1.6488	1.1042	-0.6656
111	145	Qm	1.5548	1.1719	-0.6427
111	119	Qs	-2.902E-09	-3.718E-09	-3.630E-10
111	120	Qs	-2.846E-09	-4.362E-09	-3.630E-10
111	146	Qs	-3.159E-09	-4.474E-09	-3.408E-10
111	145	Qs	-2.821E-09	-3.705E-09	-3.408E-10
111	119	T+	0.	0.	0.
111	120	T+	0.	0.	0.
111	146	T+	0.	0.	0.
111	145	T+	0.	0.	0.
111	119	T-	0.	0.	0.
111	120	T-	0.	0.	0.
111	146	T-	0.	0.	0.
111	145	T-	0.	0.	0.
111	119	W	4.2789	2.1645	-0.0531
111	120	W	4.3838	2.6622	0.0091
111	146	W	3.8973	2.3569	0.0111
111	145	W	3.8382	1.9861	-0.0511
111	119	Qm-1	1.3218	0.8271	-0.533
111	120	Qm-1	1.469	0.9233	-0.5948
111	146	Qm-1	2.1934	1.1969	-0.6513
111	145	Qm-1	2.0386	1.1385	-0.5895
111	119	Qm-2	0.047	0.1866	-0.2635
111	120	Qm-2	0.0701	0.186	-0.2894
111	146	Qm-2	0.1012	0.2289	-0.3027
111	145	Qm-2	0.0706	0.2789	-0.2768
112	120	DEAD	0.	0.	0.
112	121	DEAD	0.	0.	0.
112	147	DEAD	0.	0.	0.
112	146	DEAD	0.	0.	0.
112	120	G1	-1.131E-08	-4.387E-08	-2.637E-08
112	121	G1	-6.418E-09	-4.621E-08	-2.673E-08
112	147	G1	5.757E-09	-4.471E-08	-2.850E-08
112	146	G1	4.089E-09	-3.730E-08	-2.815E-08
112	120	G2	-0.484	-0.4498	-0.0059
112	121	G2	-0.4881	-0.5058	-0.007
112	147	G2	-0.6082	-0.5244	-0.0091
112	146	G2	-0.6009	-0.4731	-0.008
112	120	Qm	1.0568	0.9748	-0.6274
112	121	Qm	1.1875	1.0777	-0.6206
112	147	Qm	1.7528	1.1475	-0.6634
112	146	Qm	1.6487	1.1038	-0.6702
112	120	Qs	-2.909E-09	-4.141E-09	-3.549E-10
112	121	Qs	-2.940E-09	-4.643E-09	-3.106E-10
112	147	Qs	-3.186E-09	-4.795E-09	-3.106E-10
112	146	Qs	-3.001E-09	-4.216E-09	-3.549E-10
112	120	T+	0.	0.	0.
112	121	T+	0.	0.	0.
112	147	T+	0.	0.	0.
112	146	T+	0.	0.	0.
112	120	T-	0.	0.	0.
112	121	T-	0.	0.	0.
112	147	T-	0.	0.	0.

Table 27: Element Forces - Area Shells, Part 2 of 3

Area	Joint	OutputCase	M11	M22	M12
			KN-mm/mm	KN-mm/mm	KN-mm/mm
112	146	T-	0.	0.	0.
112	120	W	4.3838	2.6624	0.1043
112	121	W	4.4747	2.7151	0.1618
112	147	W	4.0152	2.5555	0.1288
112	146	W	3.8973	2.3568	0.0713
112	120	Qm-1	1.4689	0.9227	-0.6384
112	121	Qm-1	1.6765	1.0617	-0.6775
112	147	Qm-1	2.3787	1.2656	-0.7507
112	146	Qm-1	2.1924	1.1916	-0.7116
112	120	Qm-2	0.0701	0.1857	-0.3083
112	121	Qm-2	0.1208	0.1847	-0.3172
112	147	Qm-2	0.0723	0.1838	-0.3236
112	146	Qm-2	0.1005	0.2253	-0.3148
113	121	DEAD	0.	0.	0.
113	122	DEAD	0.	0.	0.
113	148	DEAD	0.	0.	0.
113	147	DEAD	0.	0.	0.
113	121	G1	-6.919E-09	-4.902E-08	-2.737E-08
113	122	G1	-5.970E-09	-4.744E-08	-2.759E-08
113	148	G1	1.183E-08	-4.251E-08	-2.914E-08
113	147	G1	6.354E-09	-4.647E-08	-2.830E-08
113	121	G2	-0.4881	-0.5062	-0.0087
113	122	G2	-0.4877	-0.5686	-0.0134
113	148	G2	-0.6132	-0.5763	-0.0173
113	147	G2	-0.6082	-0.5246	-0.0125
113	121	Qm	1.1874	1.0776	-0.6055
113	122	Qm	1.338	1.3129	-0.584
113	148	Qm	1.8822	1.3616	-0.6236
113	147	Qm	1.7529	1.1477	-0.6451
113	121	Qs	-3.013E-09	-4.836E-09	-2.879E-10
113	122	Qs	-2.860E-09	-4.589E-09	-3.182E-10
113	148	Qs	-3.152E-09	-4.797E-09	-2.879E-10
113	147	Qs	-3.142E-09	-4.805E-09	-2.961E-10
113	121	T+	0.	0.	0.
113	122	T+	0.	0.	0.
113	148	T+	0.	0.	0.
113	147	T+	0.	0.	0.
113	121	T-	0.	0.	0.
113	122	T-	0.	0.	0.
113	148	T-	0.	0.	0.
113	147	T-	0.	0.	0.
113	121	W	4.4782	2.7328	0.2033
113	122	W	4.616	2.6088	0.1956
113	148	W	4.1333	2.6411	0.1407
113	147	W	4.0137	2.5477	0.1484
113	121	Qm-1	1.6759	1.0589	-0.7108
113	122	Qm-1	1.9211	1.3624	-0.7389
113	148	Qm-1	2.5658	1.5599	-0.804
113	147	Qm-1	2.3788	1.2659	-0.7759
113	121	Qm-2	0.1199	0.1802	-0.3279
113	122	Qm-2	0.1592	0.2677	-0.323
113	148	Qm-2	0.0205	0.2004	-0.316
113	147	Qm-2	0.0729	0.1864	-0.321
114	122	DEAD	0.	0.	0.

Table 27: Element Forces - Area Shells, Part 2 of 3

Area	Joint	OutputCase	M11	M22	M12
			KN-mm/mm	KN-mm/mm	KN-mm/mm
114	123	DEAD	0.	0.	0.
114	149	DEAD	0.	0.	0.
114	148	DEAD	0.	0.	0.
114	122	G1	-3.669E-09	-4.526E-08	-2.824E-08
114	123	G1	6.303E-09	-3.251E-08	-2.727E-08
114	149	G1	1.242E-08	-3.076E-08	-2.930E-08
114	148	G1	1.251E-08	-4.297E-08	-2.904E-08
114	122	G2	-0.4878	-0.5689	-0.0213
114	123	G2	-0.4899	-0.6208	-0.0305
114	149	G2	-0.619	-0.6201	-0.0328
114	148	G2	-0.6132	-0.5765	-0.0237
114	122	Qm	1.338	1.3128	-0.5612
114	123	Qm	1.516	1.7241	-0.5373
114	149	Qm	2.0454	1.7755	-0.574
114	148	Qm	1.8822	1.3616	-0.5979
114	122	Qs	-2.909E-09	-4.562E-09	-2.542E-10
114	123	Qs	-2.679E-09	-4.754E-09	-1.412E-10
114	149	Qs	-3.245E-09	-4.708E-09	-2.321E-10
114	148	Qs	-3.158E-09	-4.890E-09	-2.299E-10
114	122	T+	0.	0.	0.
114	123	T+	0.	0.	0.
114	149	T+	0.	0.	0.
114	148	T+	0.	0.	0.
114	122	T-	0.	0.	0.
114	123	T-	0.	0.	0.
114	149	T-	0.	0.	0.
114	148	T-	0.	0.	0.
114	122	W	4.6121	2.5894	0.1242
114	123	W	4.633	2.6132	0.0423
114	149	W	4.2354	2.7781	0.0234
114	148	W	4.1335	2.6423	0.1053
114	122	Qm-1	1.9209	1.3615	-0.7774
114	123	Qm-1	2.1692	1.9582	-0.8047
114	149	Qm-1	2.7677	2.1396	-0.8494
114	148	Qm-1	2.5657	1.5594	-0.8222
114	122	Qm-2	0.1604	0.2738	-0.3117
114	123	Qm-2	0.0838	0.341	-0.2718
114	149	Qm-2	-0.0033	0.1767	-0.2491
114	148	Qm-2	0.0207	0.2015	-0.289
115	123	DEAD	0.	0.	0.
115	124	DEAD	0.	0.	0.
115	150	DEAD	0.	0.	0.
115	149	DEAD	0.	0.	0.
115	123	G1	5.756E-09	-3.541E-08	-2.877E-08
115	124	G1	-7.259E-10	-6.296E-08	-2.767E-08
115	150	G1	8.372E-09	-6.595E-08	-2.877E-08
115	149	G1	1.355E-08	-3.202E-08	-2.802E-08
115	123	G2	-0.4899	-0.6209	-0.043
115	124	G2	-0.4978	-0.6493	-0.0541
115	150	G2	-0.6285	-0.6486	-0.0529
115	149	G2	-0.6191	-0.6202	-0.0418
115	123	Qm	1.5159	1.7239	-0.5172
115	124	Qm	1.6851	2.1534	-0.4977
115	150	Qm	2.2059	2.2183	-0.53

Table 27: Element Forces - Area Shells, Part 2 of 3

Area	Joint	OutputCase	M11	M22	M12
			KN-mm/mm	KN-mm/mm	KN-mm/mm
115	149	Qm	2.0454	1.7754	-0.5495
115	123	Qs	-2.550E-09	-4.742E-09	-2.030E-10
115	124	Qs	-2.944E-09	-4.657E-09	-2.112E-10
115	150	Qs	-3.079E-09	-4.861E-09	-1.809E-10
115	149	Qs	-3.290E-09	-4.859E-09	-2.112E-10
115	123	T+	0.	0.	0.
115	124	T+	0.	0.	0.
115	150	T+	0.	0.	0.
115	149	T+	0.	0.	0.
115	123	T-	0.	0.	0.
115	124	T-	0.	0.	0.
115	150	T-	0.	0.	0.
115	149	T-	0.	0.	0.
115	123	W	4.6343	2.6195	-0.0692
115	124	W	4.6664	2.9197	-0.1674
115	150	W	4.2729	3.075	-0.157
115	149	W	4.2352	2.7769	-0.0589
115	123	Qm-1	2.1692	1.9583	-0.8413
115	124	Qm-1	1.937	0.5117	-0.8567
115	150	Qm-1	2.5055	0.6371	-0.8765
115	149	Qm-1	2.7677	2.1398	-0.8612
115	123	Qm-2	0.0838	0.341	-0.1979
115	124	Qm-2	0.1343	0.1582	-0.158
115	150	Qm-2	-0.0279	0.0814	-0.175
115	149	Qm-2	-0.0033	0.1766	-0.2149
116	124	DEAD	0.	0.	0.
116	125	DEAD	0.	0.	0.
116	151	DEAD	0.	0.	0.
116	150	DEAD	0.	0.	0.
116	124	G1	-4.185E-10	-6.395E-08	-2.600E-08
116	125	G1	3.410E-10	-8.533E-08	-2.397E-08
116	151	G1	5.256E-09	-8.877E-08	-2.600E-08
116	150	G1	8.720E-09	-6.471E-08	-2.681E-08
116	124	G2	-0.4978	-0.6492	-0.0669
116	125	G2	-0.5114	-0.6525	-0.0763
116	151	G2	-0.6413	-0.66	-0.0714
116	150	G2	-0.6285	-0.6485	-0.062
116	124	Qm	1.6851	2.1533	-0.4843
116	125	Qm	1.8081	2.4385	-0.4707
116	151	Qm	2.3257	2.5162	-0.497
116	150	Qm	2.2059	2.2182	-0.5105
116	124	Qs	-2.928E-09	-4.761E-09	-1.280E-10
116	125	Qs	-2.040E-09	-4.148E-09	1.531E-11
116	151	Qs	-3.499E-09	-4.955E-09	-1.280E-10
116	150	Qs	-3.121E-09	-4.763E-09	-1.177E-10
116	124	T+	0.	0.	0.
116	125	T+	0.	0.	0.
116	151	T+	0.	0.	0.
116	150	T+	0.	0.	0.
116	124	T-	0.	0.	0.
116	125	T-	0.	0.	0.
116	151	T-	0.	0.	0.
116	150	T-	0.	0.	0.
116	124	W	4.6651	2.9134	-0.2775

Table 27: Element Forces - Area Shells, Part 2 of 3

Area	Joint	OutputCase	M11	M22	M12
			KN-mm/mm	KN-mm/mm	KN-mm/mm
116	125	W	4.7082	3.4864	-0.3568
116	151	W	4.2464	3.5331	-0.3173
116	150	W	4.2731	3.0762	-0.238
116	124	Qm-1	1.9372	0.5127	-0.8693
116	125	Qm-1	1.7223	-0.5984	-0.8584
116	151	Qm-1	2.2723	-0.5523	-0.861
116	150	Qm-1	2.5056	0.638	-0.8718
116	124	Qm-2	0.1332	0.1524	-0.1466
116	125	Qm-2	0.0726	-0.0535	-0.1419
116	151	Qm-2	-0.0292	-0.0566	-0.1433
116	150	Qm-2	-0.0281	0.0801	-0.1481
117	125	DEAD	0.	0.	0.
117	126	DEAD	0.	0.	0.
117	152	DEAD	0.	0.	0.
117	151	DEAD	0.	0.	0.
117	125	G1	3.650E-10	-8.668E-08	-2.326E-08
117	126	G1	-3.365E-10	-9.930E-08	-2.136E-08
117	152	G1	2.271E-09	-1.016E-07	-2.220E-08
117	151	G1	5.737E-09	-8.808E-08	-2.348E-08
117	125	G2	-0.5113	-0.6522	-0.0847
117	126	G2	-0.5269	-0.64	-0.09
117	152	G2	-0.6544	-0.6585	-0.0834
117	151	G2	-0.6412	-0.6598	-0.0781
117	125	Qm	1.8081	2.4386	-0.4628
117	126	Qm	1.8903	2.6045	-0.4536
117	152	Qm	2.4075	2.6897	-0.4736
117	151	Qm	2.3257	2.5162	-0.4828
117	125	Qs	-2.065E-09	-4.237E-09	1.088E-10
117	126	Qs	-2.350E-09	-4.446E-09	1.450E-10
117	152	Qs	-2.885E-09	-4.347E-09	1.088E-10
117	151	Qs	-3.453E-09	-4.839E-09	3.417E-11
117	125	T+	0.	0.	0.
117	126	T+	0.	0.	0.
117	152	T+	0.	0.	0.
117	151	T+	0.	0.	0.
117	125	T-	0.	0.	0.
117	126	T-	0.	0.	0.
117	152	T-	0.	0.	0.
117	151	T-	0.	0.	0.
117	125	W	4.7121	3.5058	-0.4241
117	126	W	4.637	4.2162	-0.4265
117	152	W	4.2005	4.0213	-0.3514
117	151	W	4.2462	3.532	-0.3489
117	125	Qm-1	1.7226	-0.5968	-0.8335
117	126	Qm-1	1.561	-1.4358	-0.7939
117	152	Qm-1	2.0849	-1.456	-0.7938
117	151	Qm-1	2.2725	-0.5516	-0.8334
117	125	Qm-2	0.0735	-0.0493	-0.1504
117	126	Qm-2	0.0171	-0.1622	-0.1549
117	152	Qm-2	-0.0525	-0.1672	-0.1476
117	151	Qm-2	-0.0293	-0.0571	-0.1431
118	126	DEAD	0.	0.	0.
118	127	DEAD	0.	0.	0.
118	153	DEAD	0.	0.	0.

Table 27: Element Forces - Area Shells, Part 2 of 3

Area	Joint	OutputCase	M11	M22	M12
			KN-mm/mm	KN-mm/mm	KN-mm/mm
118	152	DEAD	0.	0.	0.
118	126	G1	-2.792E-10	-9.948E-08	-1.937E-08
118	127	G1	-1.689E-09	-1.094E-07	-1.808E-08
118	153	G1	1.405E-09	-1.123E-07	-1.831E-08
118	152	G1	3.276E-09	-1.038E-07	-2.021E-08
118	126	G2	-0.5269	-0.6397	-0.0925
118	127	G2	-0.5374	-0.6257	-0.0942
118	153	G2	-0.6644	-0.6495	-0.089
118	152	G2	-0.6544	-0.6583	-0.0872
118	126	Qm	1.8904	2.6046	-0.4484
118	127	Qm	1.9391	2.664	-0.4415
118	153	Qm	2.4551	2.7525	-0.4565
118	152	Qm	2.4075	2.6897	-0.4634
118	126	Qs	-2.368E-09	-4.457E-09	1.455E-10
118	127	Qs	-2.273E-09	-4.049E-09	8.490E-11
118	153	Qs	-2.866E-09	-4.091E-09	1.233E-10
118	152	Qs	-2.971E-09	-4.548E-09	1.071E-10
118	126	T+	0.	0.	0.
118	127	T+	0.	0.	0.
118	153	T+	0.	0.	0.
118	152	T+	0.	0.	0.
118	126	T-	0.	0.	0.
118	127	T-	0.	0.	0.
118	153	T-	0.	0.	0.
118	152	T-	0.	0.	0.
118	126	W	4.6334	4.1985	-0.3786
118	127	W	4.6023	4.7153	-0.3136
118	153	W	4.1552	4.3972	-0.2605
118	152	W	4.2021	4.029	-0.3255
118	126	Qm-1	1.561	-1.4359	-0.7408
118	127	Qm-1	1.4592	-2.0403	-0.6819
118	153	Qm-1	1.957	-2.0989	-0.686
118	152	Qm-1	2.085	-1.4556	-0.7449
118	126	Qm-2	0.017	-0.1624	-0.1583
118	127	Qm-2	-0.0177	-0.2364	-0.1624
118	153	Qm-2	-0.0759	-0.238	-0.1563
118	152	Qm-2	-0.0523	-0.1665	-0.1522
119	127	DEAD	0.	0.	0.
119	128	DEAD	0.	0.	0.
119	154	DEAD	0.	0.	0.
119	153	DEAD	0.	0.	0.
119	127	G1	-1.979E-09	-1.099E-07	-1.611E-08
119	128	G1	-1.432E-09	-1.126E-07	-1.291E-08
119	154	G1	2.381E-10	-1.212E-07	-1.256E-08
119	153	G1	1.228E-09	-1.163E-07	-1.575E-08
119	127	G2	-0.5374	-0.6257	-0.0939
119	128	G2	-0.5396	-0.6159	-0.0957
119	154	G2	-0.6694	-0.6348	-0.0932
119	153	G2	-0.6644	-0.6495	-0.0914
119	127	Qm	1.9391	2.6641	-0.4372
119	128	Qm	1.9601	2.6244	-0.4314
119	154	Qm	2.4728	2.7137	-0.4427
119	153	Qm	2.4551	2.7526	-0.4485
119	127	Qs	-2.376E-09	-4.092E-09	1.651E-10

Table 27: Element Forces - Area Shells, Part 2 of 3

Area	Joint	OutputCase	M11	M22	M12
			KN-mm/mm	KN-mm/mm	KN-mm/mm
119	128	Qs	-2.274E-09	-3.842E-09	2.154E-10
119	154	Qs	-2.811E-09	-4.140E-09	2.316E-10
119	153	Qs	-2.994E-09	-4.452E-09	1.046E-10
119	127	T+	0.	0.	0.
119	128	T+	0.	0.	0.
119	154	T+	0.	0.	0.
119	153	T+	0.	0.	0.
119	127	T-	0.	0.	0.
119	128	T-	0.	0.	0.
119	154	T-	0.	0.	0.
119	153	T-	0.	0.	0.
119	127	W	4.6022	4.715	-0.2103
119	128	W	4.5511	4.7644	-0.1391
119	154	W	4.1602	4.5728	-0.1201
119	153	W	4.1552	4.397	-0.1914
119	127	Qm-1	1.4591	-2.0405	-0.6142
119	128	Qm-1	1.4131	-2.414	-0.5451
119	154	Qm-1	1.8932	-2.4916	-0.5542
119	153	Qm-1	1.957	-2.0988	-0.6232
119	127	Qm-2	-0.0177	-0.2364	-0.1655
119	128	Qm-2	-0.0357	-0.278	-0.17
119	154	Qm-2	-0.0917	-0.2776	-0.1664
119	153	Qm-2	-0.0759	-0.2379	-0.1618
120	128	DEAD	0.	0.	0.
120	129	DEAD	0.	0.	0.
120	155	DEAD	0.	0.	0.
120	154	DEAD	0.	0.	0.
120	128	G1	-2.356E-09	-1.161E-07	-1.069E-08
120	129	G1	-3.189E-09	-1.139E-07	-8.914E-09
120	155	G1	-2.046E-09	-1.209E-07	-8.560E-09
120	154	G1	9.178E-11	-1.166E-07	-1.033E-08
120	128	G2	-0.5396	-0.6162	-0.0983
120	129	G2	-0.5367	-0.6011	-0.1036
120	155	G2	-0.6712	-0.6095	-0.1022
120	154	G2	-0.6695	-0.635	-0.0968
120	128	Qm	1.9601	2.6244	-0.4272
120	129	Qm	1.9571	2.4918	-0.4217
120	155	Qm	2.4637	2.5799	-0.4303
120	154	Qm	2.4728	2.7138	-0.4358
120	128	Qs	-2.298E-09	-3.890E-09	2.658E-10
120	129	Qs	-2.395E-09	-3.764E-09	2.577E-10
120	155	Qs	-2.861E-09	-3.976E-09	3.101E-10
120	154	Qs	-2.869E-09	-3.938E-09	2.798E-10
120	128	T+	0.	0.	0.
120	129	T+	0.	0.	0.
120	155	T+	0.	0.	0.
120	154	T+	0.	0.	0.
120	128	T-	0.	0.	0.
120	129	T-	0.	0.	0.
120	155	T-	0.	0.	0.
120	154	T-	0.	0.	0.
120	128	W	4.5546	4.7815	-0.0809
120	129	W	4.5291	4.6275	-0.0636
120	155	W	4.1534	4.6072	-0.0619

Table 27: Element Forces - Area Shells, Part 2 of 3

Area	Joint	OutputCase	M11	M22	M12
			KN-mm/mm	KN-mm/mm	KN-mm/mm
120	154	W	4.1586	4.5648	-0.0791
120	128	Qm-1	1.4131	-2.4141	-0.4708
120	129	Qm-1	1.4216	-2.5521	-0.3978
120	155	Qm-1	1.8953	-2.634	-0.4117
120	154	Qm-1	1.8932	-2.4916	-0.4847
120	128	Qm-2	-0.0357	-0.278	-0.1735
120	129	Qm-2	-0.038	-0.2895	-0.1788
120	155	Qm-2	-0.0979	-0.2878	-0.1779
120	154	Qm-2	-0.0917	-0.2776	-0.1726
121	129	DEAD	0.	0.	0.
121	130	DEAD	0.	0.	0.
121	156	DEAD	0.	0.	0.
121	155	DEAD	0.	0.	0.
121	129	G1	-3.380E-09	-1.144E-07	-6.033E-09
121	130	G1	6.901E-10	-1.082E-07	-2.936E-09
121	156	G1	2.561E-09	-1.145E-07	-4.614E-09
121	155	G1	-1.970E-09	-1.194E-07	-6.483E-09
121	129	G2	-0.5368	-0.6014	-0.1124
121	130	G2	-0.5361	-0.5638	-0.1218
121	156	G2	-0.6735	-0.5647	-0.118
121	155	G2	-0.6713	-0.6097	-0.1086
121	129	Qm	1.9571	2.4918	-0.4172
121	130	Qm	1.9325	2.272	-0.4114
121	156	Qm	2.4301	2.3566	-0.4177
121	155	Qm	2.4637	2.5799	-0.4236
121	129	Qs	-2.386E-09	-3.962E-09	2.897E-10
121	130	Qs	-2.049E-09	-3.391E-09	3.724E-10
121	156	Qs	-2.909E-09	-3.854E-09	3.118E-10
121	155	Qs	-2.858E-09	-3.979E-09	3.059E-10
121	129	T+	0.	0.	0.
121	130	T+	0.	0.	0.
121	156	T+	0.	0.	0.
121	155	T+	0.	0.	0.
121	129	T-	0.	0.	0.
121	130	T-	0.	0.	0.
121	156	T-	0.	0.	0.
121	155	T-	0.	0.	0.
121	129	W	4.5251	4.6076	-0.1086
121	130	W	4.3423	4.5629	-0.1525
121	156	W	4.1129	4.6529	-0.106
121	155	W	4.1536	4.6084	-0.062
121	129	Qm-1	1.4217	-2.5519	-0.3219
121	130	Qm-1	1.4874	-2.4482	-0.2501
121	156	Qm-1	1.966	-2.5203	-0.2695
121	155	Qm-1	1.8953	-2.6339	-0.3413
121	129	Qm-2	-0.038	-0.2894	-0.1829
121	130	Qm-2	-0.0242	-0.271	-0.1891
121	156	Qm-2	-0.0942	-0.269	-0.1912
121	155	Qm-2	-0.0979	-0.2879	-0.185
122	130	DEAD	0.	0.	0.
122	131	DEAD	0.	0.	0.
122	157	DEAD	0.	0.	0.
122	156	DEAD	0.	0.	0.
122	130	G1	1.472E-09	-1.102E-07	-9.689E-10

Table 27: Element Forces - Area Shells, Part 2 of 3

Area	Joint	OutputCase	M11	M22	M12
			KN-mm/mm	KN-mm/mm	KN-mm/mm
122	131	G1	7.456E-09	-8.930E-08	1.064E-09
122	157	G1	1.025E-08	-8.976E-08	-2.596E-10
122	156	G1	2.740E-10	-1.178E-07	-1.064E-09
122	130	G2	-0.5362	-0.5639	-0.135
122	131	G2	-0.5424	-0.4908	-0.1458
122	157	G2	-0.6801	-0.4929	-0.1371
122	156	G2	-0.6735	-0.5648	-0.1263
122	130	Qm	1.9325	2.272	-0.4062
122	131	Qm	1.887	1.9707	-0.399
122	157	Qm	2.373	2.0483	-0.403
122	156	Qm	2.4301	2.3566	-0.4102
122	130	Qs	-2.043E-09	-3.421E-09	4.223E-10
122	131	Qs	-2.006E-09	-3.049E-09	4.607E-10
122	157	Qs	-2.559E-09	-3.005E-09	4.223E-10
122	156	Qs	-2.995E-09	-3.872E-09	4.607E-10
122	130	T+	0.	0.	0.
122	131	T+	0.	0.	0.
122	157	T+	0.	0.	0.
122	156	T+	0.	0.	0.
122	130	T-	0.	0.	0.
122	131	T-	0.	0.	0.
122	157	T-	0.	0.	0.
122	156	T-	0.	0.	0.
122	130	W	4.3439	4.5706	-0.2229
122	131	W	4.1269	4.7121	-0.2718
122	157	W	3.9867	4.7915	-0.1886
122	156	W	4.1127	4.6518	-0.1397
122	130	Qm-1	1.4874	-2.448	-0.1773
122	131	Qm-1	1.6172	-2.0948	-0.1125
122	157	Qm-1	2.1088	-2.1396	-0.1387
122	156	Qm-1	1.966	-2.5203	-0.2035
122	130	Qm-2	-0.0242	-0.2709	-0.1942
122	131	Qm-2	0.0086	-0.2212	-0.2016
122	157	Qm-2	-0.0816	-0.2194	-0.2069
122	156	Qm-2	-0.0942	-0.2692	-0.1995
123	131	DEAD	0.	0.	0.
123	132	DEAD	0.	0.	0.
123	158	DEAD	0.	0.	0.
123	157	DEAD	0.	0.	0.
123	131	G1	8.259E-09	-8.311E-08	3.563E-09
123	132	G1	1.200E-08	-6.642E-08	6.885E-09
123	158	G1	2.156E-08	-6.449E-08	4.627E-09
123	157	G1	9.913E-09	-9.493E-08	1.920E-09
123	131	G2	-0.5424	-0.4908	-0.1591
123	132	G2	-0.5575	-0.3814	-0.1676
123	158	G2	-0.6932	-0.3933	-0.1529
123	157	G2	-0.6801	-0.4929	-0.1445
123	131	Qm	1.887	1.9707	-0.392
123	132	Qm	1.8199	1.5926	-0.3818
123	158	Qm	2.2929	1.6578	-0.3832
123	157	Qm	2.373	2.0483	-0.3934
123	131	Qs	-1.974E-09	-2.696E-09	5.520E-10
123	132	Qs	-2.099E-09	-2.071E-09	6.104E-10
123	158	Qs	-1.841E-09	-2.098E-09	5.742E-10

Table 27: Element Forces - Area Shells, Part 2 of 3

Area	Joint	OutputCase	M11	M22	M12
			KN-mm/mm	KN-mm/mm	KN-mm/mm
123	157	Qs	-2.623E-09	-3.227E-09	4.774E-10
123	131	T+	0.	0.	0.
123	132	T+	0.	0.	0.
123	158	T+	0.	0.	0.
123	157	T+	0.	0.	0.
123	131	T-	0.	0.	0.
123	132	T-	0.	0.	0.
123	158	T-	0.	0.	0.
123	157	T-	0.	0.	0.
123	131	W	4.127	4.7125	-0.3238
123	132	W	3.9401	4.8944	-0.367
123	158	W	3.7817	4.9611	-0.2707
123	157	W	3.9871	4.7935	-0.2275
123	131	Qm-1	1.6172	-2.0946	-0.0498
123	132	Qm-1	1.8211	-1.4752	1.185E-05
123	158	Qm-1	2.3252	-1.4699	-0.0338
123	157	Qm-1	2.1088	-2.1398	-0.0836
123	131	Qm-2	0.0086	-0.2209	-0.2087
123	132	Qm-2	0.0667	-0.1339	-0.2184
123	158	Qm-2	-0.068	-0.1329	-0.2262
123	157	Qm-2	-0.0818	-0.22	-0.2164
124	132	DEAD	0.	0.	0.
124	133	DEAD	0.	0.	0.
124	159	DEAD	0.	0.	0.
124	158	DEAD	0.	0.	0.
124	132	G1	1.094E-08	-6.506E-08	7.883E-09
124	133	G1	2.123E-08	-3.967E-08	7.494E-09
124	159	G1	2.725E-08	-3.456E-08	7.883E-09
124	158	G1	2.034E-08	-7.070E-08	6.430E-09
124	132	G2	-0.5575	-0.3811	-0.1761
124	133	G2	-0.5803	-0.2508	-0.1799
124	159	G2	-0.7129	-0.2744	-0.1607
124	158	G2	-0.6932	-0.3931	-0.1569
124	132	Qm	1.8199	1.5926	-0.3707
124	133	Qm	1.7295	1.1383	-0.3549
124	159	Qm	2.1908	1.184	-0.3535
124	158	Qm	2.2929	1.6579	-0.3693
124	132	Qs	-2.130E-09	-2.293E-09	5.759E-10
124	133	Qs	-1.726E-09	-1.756E-09	6.143E-10
124	159	Qs	-2.166E-09	-1.675E-09	5.759E-10
124	158	Qs	-1.945E-09	-2.318E-09	6.143E-10
124	132	T+	0.	0.	0.
124	133	T+	0.	0.	0.
124	159	T+	0.	0.	0.
124	158	T+	0.	0.	0.
124	132	T-	0.	0.	0.
124	133	T-	0.	0.	0.
124	159	T-	0.	0.	0.
124	158	T-	0.	0.	0.
124	132	W	3.9439	4.9133	-0.3843
124	133	W	3.8305	4.8048	-0.4207
124	159	W	3.6026	4.8414	-0.3693
124	158	W	3.7843	4.9738	-0.3329
124	132	Qm-1	1.8208	-1.4766	0.0406

Table 27: Element Forces - Area Shells, Part 2 of 3

Area	Joint	OutputCase	M11	M22	M12
			KN-mm/mm	KN-mm/mm	KN-mm/mm
124	133	Qm-1	2.0996	-0.5387	0.0679
124	159	Qm-1	2.6082	-0.4736	0.0315
124	158	Qm-1	2.3251	-1.4704	0.0041
124	132	Qm-2	0.0659	-0.138	-0.2324
124	133	Qm-2	0.134	0.0403	-0.2353
124	159	Qm-2	-0.0742	-0.0197	-0.2361
124	158	Qm-2	-0.0679	-0.1324	-0.2332
125	133	DEAD	0.	0.	0.
125	134	DEAD	0.	0.	0.
125	160	DEAD	0.	0.	0.
125	159	DEAD	0.	0.	0.
125	133	G1	2.149E-08	-3.662E-08	8.115E-09
125	134	G1	2.933E-08	6.928E-10	9.794E-09
125	160	G1	3.927E-08	1.263E-10	8.470E-09
125	159	G1	2.490E-08	-3.850E-08	8.020E-09
125	133	G2	-0.5802	-0.2502	-0.1813
125	134	G2	-0.6019	-0.1289	-0.1815
125	160	G2	-0.7349	-0.157	-0.1625
125	159	G2	-0.7128	-0.274	-0.1622
125	133	Qm	1.7296	1.1385	-0.3361
125	134	Qm	1.6167	0.5986	-0.3123
125	160	Qm	2.0694	0.6213	-0.3094
125	159	Qm	2.1908	1.1842	-0.3332
125	133	Qs	-1.811E-09	-1.590E-09	6.399E-10
125	134	Qs	-1.845E-09	-1.092E-09	6.458E-10
125	160	Qs	-1.620E-09	-9.004E-10	6.399E-10
125	159	Qs	-2.219E-09	-2.032E-09	5.571E-10
125	133	T+	0.	0.	0.
125	134	T+	0.	0.	0.
125	160	T+	0.	0.	0.
125	159	T+	0.	0.	0.
125	133	T-	0.	0.	0.
125	134	T-	0.	0.	0.
125	160	T-	0.	0.	0.
125	159	T-	0.	0.	0.
125	133	W	3.8281	4.7931	-0.3524
125	134	W	4.0669	3.9735	-0.3818
125	160	W	3.754	3.9729	-0.5334
125	159	W	3.5996	4.8261	-0.5041
125	133	Qm-1	2.0995	-0.5395	0.0794
125	134	Qm-1	2.4259	0.798	0.0894
125	160	Qm-1	2.9498	0.8912	0.0628
125	159	Qm-1	2.6081	-0.4742	0.0528
125	133	Qm-2	0.1352	0.0461	-0.232
125	134	Qm-2	0.1006	0.2003	-0.2029
125	160	Qm-2	-0.0555	0.0523	-0.1902
125	159	Qm-2	-0.074	-0.0185	-0.2193
126	134	DEAD	0.	0.	0.
126	135	DEAD	0.	0.	0.
126	161	DEAD	0.	0.	0.
126	160	DEAD	0.	0.	0.
126	134	G1	2.968E-08	-3.492E-09	9.282E-09
126	135	G1	2.613E-08	-4.116E-09	7.379E-09
126	161	G1	4.173E-08	-6.546E-10	7.508E-09

Table 27: Element Forces - Area Shells, Part 2 of 3

Area	Joint	OutputCase	M11	M22	M12
			KN-mm/mm	KN-mm/mm	KN-mm/mm
126	160	G1	3.775E-08	2.888E-09	8.797E-09
126	134	G2	-0.6018	-0.1286	-0.1789
126	135	G2	-0.6152	-0.0446	-0.1802
126	161	G2	-0.7532	-0.064	-0.1663
126	160	G2	-0.7349	-0.1568	-0.1649
126	134	Qm	1.6168	0.5989	-0.2835
126	135	Qm	1.5256	0.1567	-0.2517
126	161	Qm	1.9724	0.1615	-0.2501
126	160	Qm	2.0694	0.6215	-0.2819
126	134	Qs	-1.961E-09	-1.371E-09	6.057E-10
126	135	Qs	-1.776E-09	-5.109E-10	4.484E-10
126	161	Qs	-1.493E-09	-4.258E-10	4.949E-10
126	160	Qs	-1.601E-09	-9.016E-10	5.370E-10
126	134	T+	0.	0.	0.
126	135	T+	0.	0.	0.
126	161	T+	0.	0.	0.
126	160	T+	0.	0.	0.
126	134	T-	0.	0.	0.
126	135	T-	0.	0.	0.
126	161	T-	0.	0.	0.
126	160	T-	0.	0.	0.
126	134	W	4.0787	4.0321	-0.3101
126	135	W	4.6413	2.117	-0.3133
126	161	W	4.2009	1.8437	-0.6922
126	160	W	3.7946	4.1761	-0.6889
126	134	Qm-1	2.426	0.7981	0.0888
126	135	Qm-1	2.3158	0.1825	0.1
126	161	Qm-1	2.8658	0.2503	0.0881
126	160	Qm-1	2.9499	0.8913	0.0769
126	134	Qm-2	0.1007	0.2004	-0.1404
126	135	Qm-2	0.206	0.106	-0.1151
126	161	Qm-2	-0.0395	0.0526	-0.1443
126	160	Qm-2	-0.0556	0.0522	-0.1696
127	135	DEAD	0.	0.	0.
127	136	DEAD	0.	0.	0.
127	162	DEAD	0.	0.	0.
127	161	DEAD	0.	0.	0.
127	135	G1	2.654E-08	-2.449E-09	8.340E-09
127	136	G1	2.760E-08	-1.945E-09	8.081E-09
127	162	G1	4.467E-08	9.645E-10	7.631E-09
127	161	G1	4.214E-08	5.374E-10	6.662E-09
127	135	G2	-0.6153	-0.0452	-0.1821
127	136	G2	-0.6229	1.932E-04	-0.19
127	162	G2	-0.7721	-2.590E-04	-0.1799
127	161	G2	-0.7533	-0.0644	-0.1721
127	135	Qm	1.5256	0.1567	-0.2154
127	136	Qm	1.4992	2.488E-04	-0.1794
127	162	Qm	1.9425	2.593E-04	-0.1809
127	161	Qm	1.9724	0.1616	-0.2169
127	135	Qs	-1.761E-09	-4.114E-10	4.777E-10
127	136	Qs	-1.624E-09	-6.491E-11	4.031E-10
127	162	Qs	-1.118E-09	1.427E-10	3.669E-10
127	161	Qs	-1.447E-09	-2.422E-10	4.031E-10
127	135	T+	0.	0.	0.

Table 27: Element Forces - Area Shells, Part 2 of 3

Area	Joint	OutputCase	M11	M22	M12
			KN-mm/mm	KN-mm/mm	KN-mm/mm
127	136	T+	0.	0.	0.
127	162	T+	0.	0.	0.
127	161	T+	0.	0.	0.
127	135	T-	0.	0.	0.
127	136	T-	0.	0.	0.
127	162	T-	0.	0.	0.
127	161	T-	0.	0.	0.
127	135	W	4.6952	2.3866	-0.2526
127	136	W	5.5591	-0.0409	-0.3053
127	162	W	5.1076	-0.1936	-0.8602
127	161	W	4.359	2.6344	-0.8075
127	135	Qm-1	2.316	0.1833	0.1151
127	136	Qm-1	2.2606	-0.0011	0.1482
127	162	Qm-1	2.8541	7.297E-04	0.1441
127	161	Qm-1	2.866	0.2512	0.111
127	135	Qm-2	0.2048	0.1001	-0.1185
127	136	Qm-2	0.2134	-0.0037	-0.1284
127	162	Qm-2	-7.242E-04	4.072E-04	-0.1447
127	161	Qm-2	-0.0397	0.0518	-0.1348
128	137	DEAD	0.	0.	0.
128	138	DEAD	0.	0.	0.
128	164	DEAD	0.	0.	0.
128	163	DEAD	0.	0.	0.
128	137	G1	4.369E-09	-1.105E-10	-1.407E-08
128	138	G1	2.346E-09	-9.525E-09	-1.265E-08
128	164	G1	1.652E-08	-1.279E-08	-1.336E-08
128	163	G1	1.547E-08	-3.037E-10	-1.478E-08
128	137	G2	-0.5804	2.164E-05	0.1434
128	138	G2	-0.57	-0.0399	0.1349
128	164	G2	-0.6805	-0.0437	0.1265
128	163	G2	-0.6938	-1.253E-04	0.135
128	137	Qm	1.2941	-4.738E-04	-0.1537
128	138	Qm	1.3135	0.0151	-0.1074
128	164	Qm	1.8961	0.0231	-0.1163
128	163	Qm	1.865	-1.917E-04	-0.1626
128	137	Qs	-2.580E-09	3.376E-11	-4.897E-10
128	138	Qs	-2.624E-09	-6.835E-10	-4.676E-10
128	164	Qs	-2.937E-09	-8.224E-10	-5.341E-10
128	163	Qs	-2.788E-09	-3.794E-11	-5.562E-10
128	137	T+	0.	0.	0.
128	138	T+	0.	0.	0.
128	164	T+	0.	0.	0.
128	163	T+	0.	0.	0.
128	137	T-	0.	0.	0.
128	138	T-	0.	0.	0.
128	164	T-	0.	0.	0.
128	163	T-	0.	0.	0.
128	137	W	3.76	0.0029	0.3123
128	138	W	3.6637	0.2023	0.2883
128	164	W	3.2358	0.139	0.3317
128	163	W	3.2799	-2.001E-04	0.3557
128	137	Qm-1	1.6969	-5.723E-04	-0.2239
128	138	Qm-1	1.7193	0.0106	-0.1654
128	164	Qm-1	2.4741	0.0281	-0.1769

Table 27: Element Forces - Area Shells, Part 2 of 3

Area	Joint	OutputCase	M11	M22	M12
			KN-mm/mm	KN-mm/mm	KN-mm/mm
128	163	Qm-1	2.4334	-3.427E-04	-0.2354
128	137	Qm-2	0.0121	8.228E-05	-0.0767
128	138	Qm-2	0.0243	-8.896E-04	-0.075
128	164	Qm-2	0.0601	0.0054	-0.0797
128	163	Qm-2	0.0492	2.527E-04	-0.0814
129	138	DEAD	0.	0.	0.
129	139	DEAD	0.	0.	0.
129	165	DEAD	0.	0.	0.
129	164	DEAD	0.	0.	0.
129	138	G1	1.657E-09	-9.882E-09	-1.218E-08
129	139	G1	1.359E-09	-1.895E-08	-1.111E-08
129	165	G1	1.332E-08	-1.968E-08	-1.076E-08
129	164	G1	1.976E-08	-5.696E-09	-1.182E-08
129	138	G2	-0.5699	-0.0398	0.127
129	139	G2	-0.5616	-0.0937	0.1192
129	165	G2	-0.671	-0.0967	0.111
129	164	G2	-0.6805	-0.0436	0.1188
129	138	Qm	1.3134	0.0149	-0.0652
129	139	Qm	1.338	0.1469	-0.0262
129	165	Qm	1.9526	0.1906	-0.0306
129	164	Qm	1.8961	0.0231	-0.0697
129	138	Qs	-2.601E-09	-1.002E-09	-5.520E-10
129	139	Qs	-2.643E-09	-1.283E-09	-6.044E-10
129	165	Qs	-3.164E-09	-1.487E-09	-5.742E-10
129	164	Qs	-2.926E-09	-5.680E-10	-5.601E-10
129	138	T+	0.	0.	0.
129	139	T+	0.	0.	0.
129	165	T+	0.	0.	0.
129	164	T+	0.	0.	0.
129	138	T-	0.	0.	0.
129	139	T-	0.	0.	0.
129	165	T-	0.	0.	0.
129	164	T-	0.	0.	0.
129	138	W	3.6636	0.2016	0.2851
129	139	W	3.6102	0.3213	0.2763
129	165	W	3.2122	0.2598	0.3024
129	164	W	3.236	0.14	0.3112
129	138	Qm-1	1.7192	0.0103	-0.1146
129	139	Qm-1	1.7483	0.1553	-0.0691
129	165	Qm-1	2.5353	0.2271	-0.0735
129	164	Qm-1	2.4741	0.0282	-0.1191
129	138	Qm-2	0.0243	-6.870E-04	-0.073
129	139	Qm-2	0.0489	0.0319	-0.074
129	165	Qm-2	0.0884	0.0454	-0.082
129	164	Qm-2	0.0602	0.0057	-0.081
130	139	DEAD	0.	0.	0.
130	140	DEAD	0.	0.	0.
130	166	DEAD	0.	0.	0.
130	165	DEAD	0.	0.	0.
130	139	G1	1.941E-09	-1.457E-08	-1.014E-08
130	140	G1	-1.046E-09	-2.094E-08	-9.296E-09
130	166	G1	2.025E-08	-1.453E-08	-1.014E-08
130	165	G1	1.372E-08	-1.522E-08	-1.036E-08
130	139	G2	-0.5616	-0.0938	0.1111

Table 27: Element Forces - Area Shells, Part 2 of 3

Area	Joint	OutputCase	M11	M22	M12
			KN-mm/mm	KN-mm/mm	KN-mm/mm
130	140	G2	-0.5552	-0.1582	0.1024
130	166	G2	-0.6645	-0.157	0.0945
130	165	G2	-0.671	-0.0968	0.1032
130	139	Qm	1.3379	0.1466	0.003
130	140	Qm	1.3613	0.3931	0.0239
130	166	Qm	2.0365	0.5068	0.025
130	165	Qm	1.9526	0.1906	0.0041
130	139	Qs	-2.626E-09	-1.295E-09	-5.025E-10
130	140	Qs	-2.966E-09	-2.261E-09	-5.409E-10
130	166	Qs	-2.925E-09	-1.927E-09	-5.469E-10
130	165	Qs	-3.238E-09	-1.690E-09	-5.853E-10
130	139	T+	0.	0.	0.
130	140	T+	0.	0.	0.
130	166	T+	0.	0.	0.
130	165	T+	0.	0.	0.
130	139	T-	0.	0.	0.
130	140	T-	0.	0.	0.
130	166	T-	0.	0.	0.
130	165	T-	0.	0.	0.
130	139	W	3.6095	0.3178	0.2747
130	140	W	3.5933	0.3887	0.2573
130	166	W	3.2203	0.3762	0.2668
130	165	W	3.2123	0.2601	0.2842
130	139	Qm-1	1.7481	0.1544	-0.0369
130	140	Qm-1	1.7419	0.4153	-0.0213
130	166	Qm-1	2.6755	0.6118	-0.0223
130	165	Qm-1	2.5353	0.2272	-0.038
130	139	Qm-2	0.0484	0.0298	-0.0725
130	140	Qm-2	0.0798	0.1204	-0.0698
130	166	Qm-2	0.1602	0.1131	-0.0847
130	165	Qm-2	0.089	0.0483	-0.0874
131	140	DEAD	0.	0.	0.
131	141	DEAD	0.	0.	0.
131	167	DEAD	0.	0.	0.
131	166	DEAD	0.	0.	0.
131	140	G1	-8.995E-10	-1.820E-08	-1.030E-08
131	141	G1	-2.726E-09	-2.315E-08	-1.291E-08
131	167	G1	2.370E-08	-4.763E-09	-1.243E-08
131	166	G1	1.877E-08	-1.885E-08	-1.043E-08
131	140	G2	-0.5552	-0.1584	0.092
131	141	G2	-0.5525	-0.2252	0.0816
131	167	G2	-0.662	-0.2199	0.0751
131	166	G2	-0.6645	-0.1571	0.0855
131	140	Qm	1.3614	0.3936	0.0277
131	141	Qm	1.3741	0.7158	0.0103
131	167	Qm	2.1503	0.9765	0.0169
131	166	Qm	2.0365	0.5068	0.0343
131	140	Qs	-2.990E-09	-2.214E-09	-5.188E-10
131	141	Qs	-2.700E-09	-2.444E-09	-5.793E-10
131	167	Qs	-3.123E-09	-2.480E-09	-6.074E-10
131	166	Qs	-2.982E-09	-2.394E-09	-6.236E-10
131	140	T+	0.	0.	0.
131	141	T+	0.	0.	0.
131	167	T+	0.	0.	0.

Table 27: Element Forces - Area Shells, Part 2 of 3

Area	Joint	OutputCase	M11	M22	M12
			KN-mm/mm	KN-mm/mm	KN-mm/mm
131	166	T+	0.	0.	0.
131	140	T-	0.	0.	0.
131	141	T-	0.	0.	0.
131	167	T-	0.	0.	0.
131	166	T-	0.	0.	0.
131	140	W	3.5935	0.3897	0.2358
131	141	W	3.609	0.4976	0.2021
131	167	W	3.249	0.527	0.2037
131	166	W	3.2201	0.3751	0.2373
131	140	Qm-1	1.7429	0.4203	-0.0458
131	141	Qm-1	1.7701	0.6463	-0.1124
131	167	Qm-1	2.6707	1.1409	-0.0855
131	166	Qm-1	2.6755	0.6118	-0.019
131	140	Qm-2	0.0804	0.1233	-0.0648
131	141	Qm-2	0.0475	0.2095	-0.0905
131	167	Qm-2	0.3528	0.4275	-0.1071
131	166	Qm-2	0.1586	0.1054	-0.0814
132	141	DEAD	0.	0.	0.
132	142	DEAD	0.	0.	0.
132	168	DEAD	0.	0.	0.
132	167	DEAD	0.	0.	0.
132	141	G1	-3.483E-09	-2.154E-08	-1.658E-08
132	142	G1	-3.899E-09	-2.757E-08	-1.977E-08
132	168	G1	2.693E-08	-1.419E-08	-2.048E-08
132	167	G1	2.412E-08	-7.705E-09	-1.729E-08
132	141	G2	-0.5525	-0.2253	0.0691
132	142	G2	-0.5552	-0.2869	0.0576
132	168	G2	-0.6642	-0.2808	0.0536
132	167	G2	-0.662	-0.22	0.065
132	141	Qm	1.3744	0.7172	-0.0324
132	142	Qm	1.3902	1.0181	-0.1004
132	168	Qm	2.2573	1.4141	-0.0952
132	167	Qm	2.1503	0.9765	-0.0272
132	141	Qs	-2.650E-09	-2.443E-09	-6.177E-10
132	142	Qs	-3.434E-09	-3.334E-09	-6.620E-10
132	168	Qs	-2.680E-09	-2.861E-09	-6.620E-10
132	167	Qs	-3.129E-09	-2.608E-09	-6.177E-10
132	141	T+	0.	0.	0.
132	142	T+	0.	0.	0.
132	168	T+	0.	0.	0.
132	167	T+	0.	0.	0.
132	141	T-	0.	0.	0.
132	142	T-	0.	0.	0.
132	168	T-	0.	0.	0.
132	167	T-	0.	0.	0.
132	141	W	3.6089	0.4972	0.1614
132	142	W	3.6554	0.7075	0.1159
132	168	W	3.2874	0.751	0.1163
132	167	W	3.2489	0.5264	0.1618
132	141	Qm-1	1.7701	0.6463	-0.1881
132	142	Qm-1	1.8333	0.7548	-0.2666
132	168	Qm-1	2.8184	1.014	-0.3113
132	167	Qm-1	2.6707	1.141	-0.2329
132	141	Qm-2	0.0475	0.2096	-0.1576

Table 27: Element Forces - Area Shells, Part 2 of 3

Area	Joint	OutputCase	M11	M22	M12
			KN-mm/mm	KN-mm/mm	KN-mm/mm
132	142	Qm-2	0.106	0.1845	-0.1852
132	168	Qm-2	0.1787	0.1748	-0.1727
132	167	Qm-2	0.3528	0.4276	-0.145
133	142	DEAD	0.	0.	0.
133	143	DEAD	0.	0.	0.
133	169	DEAD	0.	0.	0.
133	168	DEAD	0.	0.	0.
133	142	G1	-4.681E-09	-2.788E-08	-2.133E-08
133	143	G1	3.592E-10	-3.136E-08	-2.204E-08
133	169	G1	2.298E-08	-2.682E-08	-2.310E-08
133	168	G1	2.585E-08	-1.881E-08	-2.239E-08
133	142	G2	-0.5552	-0.2869	0.0448
133	143	G2	-0.5634	-0.3397	0.0339
133	169	G2	-0.6712	-0.337	0.0326
133	168	G2	-0.6642	-0.2808	0.0434
133	142	Qm	1.3904	1.0188	-0.1855
133	143	Qm	1.4251	1.2034	-0.2842
133	169	Qm	2.321	1.634	-0.2878
133	168	Qm	2.2573	1.4141	-0.1892
133	142	Qs	-3.398E-09	-3.105E-09	-7.056E-10
133	143	Qs	-3.179E-09	-3.740E-09	-7.137E-10
133	169	Qs	-2.899E-09	-3.537E-09	-7.277E-10
133	168	Qs	-2.714E-09	-3.075E-09	-7.580E-10
133	142	T+	0.	0.	0.
133	143	T+	0.	0.	0.
133	169	T+	0.	0.	0.
133	168	T+	0.	0.	0.
133	142	T-	0.	0.	0.
133	143	T-	0.	0.	0.
133	169	T-	0.	0.	0.
133	168	T-	0.	0.	0.
133	142	W	3.6552	0.7065	0.066
133	143	W	3.7272	1.0416	0.0201
133	169	W	3.3234	1.0635	0.0246
133	168	W	3.2873	0.7506	0.0705
133	142	Qm-1	1.8323	0.7497	-0.3155
133	143	Qm-1	1.9325	0.8218	-0.3379
133	169	Qm-1	2.8166	1.0388	-0.3543
133	168	Qm-1	2.8185	1.0141	-0.3319
133	142	Qm-2	0.1054	0.1818	-0.1828
133	143	Qm-2	0.1053	0.1552	-0.1857
133	169	Qm-2	0.1365	0.189	-0.1774
133	168	Qm-2	0.1803	0.1828	-0.1746
134	143	DEAD	0.	0.	0.
134	144	DEAD	0.	0.	0.
134	170	DEAD	0.	0.	0.
134	169	DEAD	0.	0.	0.
134	143	G1	3.206E-11	-3.075E-08	-2.252E-08
134	144	G1	2.930E-09	-3.100E-08	-2.252E-08
134	170	G1	1.980E-08	-2.978E-08	-2.252E-08
134	169	G1	2.328E-08	-2.715E-08	-2.252E-08
134	143	G2	-0.5634	-0.3396	0.0229
134	144	G2	-0.576	-0.3847	0.0143
134	170	G2	-0.6817	-0.3887	0.015

Table 27: Element Forces - Area Shells, Part 2 of 3

Area	Joint	OutputCase	M11	M22	M12
			KN-mm/mm	KN-mm/mm	KN-mm/mm
134	169	G2	-0.6711	-0.3369	0.0237
134	143	Qm	1.4252	1.2035	-0.3819
134	144	Qm	1.4772	1.2416	-0.4815
134	170	Qm	2.3452	1.6418	-0.4954
134	169	Qm	2.321	1.6341	-0.3958
134	143	Qs	-3.189E-09	-3.698E-09	-7.320E-10
134	144	Qs	-2.883E-09	-3.630E-09	-6.433E-10
134	170	Qs	-3.424E-09	-4.144E-09	-5.990E-10
134	169	Qs	-2.938E-09	-3.708E-09	-6.876E-10
134	143	T+	0.	0.	0.
134	144	T+	0.	0.	0.
134	170	T+	0.	0.	0.
134	169	T+	0.	0.	0.
134	143	T-	0.	0.	0.
134	144	T-	0.	0.	0.
134	170	T-	0.	0.	0.
134	169	T-	0.	0.	0.
134	143	W	3.7272	1.0413	-0.0264
134	144	W	3.7875	1.5	-0.0538
134	170	W	3.355	1.4421	-0.0381
134	169	W	3.3234	1.0639	-0.0106
134	143	Qm-1	1.9325	0.8219	-0.3567
134	144	Qm-1	1.9659	0.9907	-0.384
134	170	Qm-1	2.9493	1.278	-0.4016
134	169	Qm-1	2.8166	1.0389	-0.3743
134	143	Qm-2	0.1053	0.1552	-0.1878
134	144	Qm-2	0.1127	0.2152	-0.191
134	170	Qm-2	0.1698	0.2147	-0.1959
134	169	Qm-2	0.1365	0.189	-0.1927
135	144	DEAD	0.	0.	0.
135	145	DEAD	0.	0.	0.
135	171	DEAD	0.	0.	0.
135	170	DEAD	0.	0.	0.
135	144	G1	1.222E-09	-3.113E-08	-2.248E-08
135	145	G1	3.526E-09	-2.882E-08	-2.402E-08
135	171	G1	2.148E-08	-1.814E-08	-2.319E-08
135	170	G1	2.148E-08	-2.736E-08	-2.225E-08
135	144	G2	-0.5759	-0.3845	0.0068
135	145	G2	-0.5897	-0.4272	0.0012
135	171	G2	-0.6936	-0.438	0.0027
135	170	G2	-0.6816	-0.3886	0.0083
135	144	Qm	1.4771	1.2411	-0.5678
135	145	Qm	1.5548	1.1731	-0.639
135	171	Qm	2.3316	1.4433	-0.6635
135	170	Qm	2.3452	1.6419	-0.5922
135	144	Qs	-3.018E-09	-3.853E-09	-5.899E-10
135	145	Qs	-2.887E-09	-3.657E-09	-4.467E-10
135	171	Qs	-3.362E-09	-4.241E-09	-5.234E-10
135	170	Qs	-3.186E-09	-3.823E-09	-5.132E-10
135	144	T+	0.	0.	0.
135	145	T+	0.	0.	0.
135	171	T+	0.	0.	0.
135	170	T+	0.	0.	0.
135	144	T-	0.	0.	0.

Table 27: Element Forces - Area Shells, Part 2 of 3

Area	Joint	OutputCase	M11	M22	M12
			KN-mm/mm	KN-mm/mm	KN-mm/mm
135	145	T-	0.	0.	0.
135	171	T-	0.	0.	0.
135	170	T-	0.	0.	0.
135	144	W	3.7871	1.4979	-0.0676
135	145	W	3.8347	1.9782	-0.0626
135	171	W	3.3914	1.8334	-0.0438
135	170	W	3.3554	1.4439	-0.0488
135	144	Qm-1	1.967	0.9961	-0.4415
135	145	Qm-1	2.048	1.1403	-0.5355
135	171	Qm-1	2.939	1.6842	-0.5273
135	170	Qm-1	2.9493	1.278	-0.4333
135	144	Qm-2	0.1132	0.2179	-0.1896
135	145	Qm-2	0.0628	0.2775	-0.2184
135	171	Qm-2	0.3304	0.4918	-0.2274
135	170	Qm-2	0.1682	0.2067	-0.1985
136	145	DEAD	0.	0.	0.
136	146	DEAD	0.	0.	0.
136	172	DEAD	0.	0.	0.
136	171	DEAD	0.	0.	0.
136	145	G1	8.341E-10	-3.079E-08	-2.541E-08
136	146	G1	4.202E-09	-3.707E-08	-2.776E-08
136	172	G1	2.535E-08	-3.056E-08	-2.967E-08
136	171	G1	2.428E-08	-1.645E-08	-2.670E-08
136	145	G2	-0.5897	-0.4271	-0.0027
136	146	G2	-0.601	-0.4732	-0.0061
136	172	G2	-0.7047	-0.4874	-0.0054
136	171	G2	-0.6936	-0.438	-0.002
136	145	Qm	1.5545	1.1719	-0.6846
136	146	Qm	1.6489	1.1042	-0.7082
136	172	Qm	2.322	1.2363	-0.7374
136	171	Qm	2.3316	1.4434	-0.7137
136	145	Qs	-2.760E-09	-3.702E-09	-3.711E-10
136	146	Qs	-3.139E-09	-4.448E-09	-2.722E-10
136	172	Qs	-3.253E-09	-4.173E-09	-3.711E-10
136	171	Qs	-3.502E-09	-4.267E-09	-3.165E-10
136	145	T+	0.	0.	0.
136	146	T+	0.	0.	0.
136	172	T+	0.	0.	0.
136	171	T+	0.	0.	0.
136	145	T-	0.	0.	0.
136	146	T-	0.	0.	0.
136	172	T-	0.	0.	0.
136	171	T-	0.	0.	0.
136	145	W	3.8363	1.9858	-0.0321
136	146	W	3.8975	2.3569	0.0019
136	172	W	3.4522	2.1682	0.0059
136	171	W	3.3913	1.8332	-0.0281
136	145	Qm-1	2.048	1.1404	-0.6308
136	146	Qm-1	2.1853	1.1952	-0.726
136	172	Qm-1	3.0929	1.4682	-0.7934
136	171	Qm-1	2.939	1.6841	-0.6982
136	145	Qm-2	0.0627	0.2773	-0.2875
136	146	Qm-2	0.1038	0.2294	-0.3146
136	172	Qm-2	0.1196	0.2022	-0.2933

Table 27: Element Forces - Area Shells, Part 2 of 3

Area	Joint	OutputCase	M11	M22	M12
			KN-mm/mm	KN-mm/mm	KN-mm/mm
136	171	Qm-2	0.3303	0.4915	-0.2662
137	146	DEAD	0.	0.	0.
137	147	DEAD	0.	0.	0.
137	173	DEAD	0.	0.	0.
137	172	DEAD	0.	0.	0.
137	146	G1	2.776E-09	-3.739E-08	-2.967E-08
137	147	G1	7.069E-09	-4.325E-08	-3.038E-08
137	173	G1	2.179E-08	-4.124E-08	-3.073E-08
137	172	G1	2.649E-08	-2.916E-08	-3.002E-08
137	146	G2	-0.601	-0.4732	-0.0083
137	147	G2	-0.6083	-0.5245	-0.0114
137	173	G2	-0.7142	-0.537	-0.0122
137	172	G2	-0.7047	-0.4874	-0.009
137	146	Qm	1.6488	1.1038	-0.7103
137	147	Qm	1.7531	1.1475	-0.6999
137	173	Qm	2.3581	1.2206	-0.7279
137	172	Qm	2.322	1.2363	-0.7384
137	146	Qs	-3.112E-09	-4.269E-09	-3.246E-10
137	147	Qs	-3.169E-09	-4.747E-09	-3.025E-10
137	173	Qs	-3.403E-09	-4.659E-09	-3.025E-10
137	172	Qs	-3.222E-09	-4.478E-09	-3.246E-10
137	146	T+	0.	0.	0.
137	147	T+	0.	0.	0.
137	173	T+	0.	0.	0.
137	172	T+	0.	0.	0.
137	146	T-	0.	0.	0.
137	147	T-	0.	0.	0.
137	173	T-	0.	0.	0.
137	172	T-	0.	0.	0.
137	146	W	3.8975	2.3569	0.0543
137	147	W	4.013	2.5551	0.0841
137	173	W	3.5417	2.4176	0.06
137	172	W	3.4522	2.168	0.0302
137	146	Qm-1	2.1843	1.19	-0.7851
137	147	Qm-1	2.3812	1.2661	-0.814
137	173	Qm-1	3.1143	1.4556	-0.8569
137	172	Qm-1	3.0928	1.4679	-0.8279
137	146	Qm-2	0.103	0.2259	-0.3126
137	147	Qm-2	0.0725	0.1839	-0.3086
137	173	Qm-2	0.0239	0.1745	-0.2852
137	172	Qm-2	0.1211	0.2099	-0.2892
138	147	DEAD	0.	0.	0.
138	148	DEAD	0.	0.	0.
138	174	DEAD	0.	0.	0.
138	173	DEAD	0.	0.	0.
138	147	G1	5.851E-09	-4.704E-08	-2.987E-08
138	148	G1	1.175E-08	-4.186E-08	-3.084E-08
138	174	G1	2.110E-08	-3.995E-08	-3.094E-08
138	173	G1	2.173E-08	-4.199E-08	-3.120E-08
138	147	G2	-0.6083	-0.5246	-0.0149
138	148	G2	-0.6131	-0.5763	-0.0196
138	174	G2	-0.7227	-0.584	-0.021
138	173	G2	-0.7143	-0.5371	-0.0162
138	147	Qm	1.7531	1.1478	-0.6812

Table 27: Element Forces - Area Shells, Part 2 of 3

Area	Joint	OutputCase	M11	M22	M12
			KN-mm/mm	KN-mm/mm	KN-mm/mm
138	148	Qm	1.8824	1.3616	-0.6578
138	174	Qm	2.4406	1.4092	-0.6852
138	173	Qm	2.3581	1.2205	-0.7086
138	147	Qs	-3.255E-09	-4.837E-09	-3.089E-10
138	148	Qs	-3.063E-09	-4.759E-09	-3.170E-10
138	174	Qs	-3.529E-09	-5.012E-09	-3.310E-10
138	173	Qs	-3.260E-09	-4.745E-09	-3.613E-10
138	147	T+	0.	0.	0.
138	148	T+	0.	0.	0.
138	174	T+	0.	0.	0.
138	173	T+	0.	0.	0.
138	147	T-	0.	0.	0.
138	148	T-	0.	0.	0.
138	174	T-	0.	0.	0.
138	173	T-	0.	0.	0.
138	147	W	4.0114	2.5473	0.1045
138	148	W	4.1371	2.6419	0.0967
138	174	W	3.6463	2.6174	0.061
138	173	W	3.5416	2.4174	0.0688
138	147	Qm-1	2.3813	1.2664	-0.8354
138	148	Qm-1	2.5656	1.5599	-0.8495
138	174	Qm-1	3.2242	1.7175	-0.8877
138	173	Qm-1	3.1142	1.4551	-0.8735
138	147	Qm-2	0.073	0.1865	-0.3046
138	148	Qm-2	0.025	0.2013	-0.2934
138	174	Qm-2	-0.0364	0.1397	-0.2716
138	173	Qm-2	0.0234	0.1719	-0.2829
139	148	DEAD	0.	0.	0.
139	149	DEAD	0.	0.	0.
139	175	DEAD	0.	0.	0.
139	174	DEAD	0.	0.	0.
139	148	G1	1.139E-08	-4.248E-08	-3.051E-08
139	149	G1	1.751E-08	-2.946E-08	-2.980E-08
139	175	G1	2.376E-08	-3.490E-08	-3.051E-08
139	174	G1	2.208E-08	-3.855E-08	-3.122E-08
139	148	G2	-0.6131	-0.5765	-0.026
139	149	G2	-0.6189	-0.6201	-0.033
139	175	G2	-0.7316	-0.6238	-0.0334
139	174	G2	-0.7227	-0.5841	-0.0264
139	148	Qm	1.8824	1.3616	-0.632
139	149	Qm	2.0456	1.7756	-0.6057
139	175	Qm	2.5703	1.8184	-0.6325
139	174	Qm	2.4406	1.409	-0.6588
139	148	Qs	-3.130E-09	-4.862E-09	-2.687E-10
139	149	Qs	-2.827E-09	-4.669E-09	-2.244E-10
139	175	Qs	-3.590E-09	-5.167E-09	-2.687E-10
139	174	Qs	-3.418E-09	-4.827E-09	-3.131E-10
139	148	T+	0.	0.	0.
139	149	T+	0.	0.	0.
139	175	T+	0.	0.	0.
139	174	T+	0.	0.	0.
139	148	T-	0.	0.	0.
139	149	T-	0.	0.	0.
139	175	T-	0.	0.	0.

Table 27: Element Forces - Area Shells, Part 2 of 3

Area	Joint	OutputCase	M11	M22	M12
			KN-mm/mm	KN-mm/mm	KN-mm/mm
139	174	T-	0.	0.	0.
139	148	W	4.1373	2.643	0.0611
139	149	W	4.2344	2.7779	0.0132
139	175	W	3.7316	2.8368	-0.01
139	174	W	3.6458	2.6151	0.0379
139	148	Qm-1	2.5656	1.5594	-0.8676
139	149	Qm-1	2.7689	2.1399	-0.875
139	175	Qm-1	3.3613	2.2679	-0.8988
139	174	Qm-1	3.2242	1.7172	-0.8914
139	148	Qm-2	0.0252	0.2024	-0.269
139	149	Qm-2	-0.0089	0.1755	-0.244
139	175	Qm-2	-0.078	0.0921	-0.2314
139	174	Qm-2	-0.0363	0.14	-0.2563
140	149	DEAD	0.	0.	0.
140	150	DEAD	0.	0.	0.
140	176	DEAD	0.	0.	0.
140	175	DEAD	0.	0.	0.
140	149	G1	1.770E-08	-3.092E-08	-2.882E-08
140	150	G1	9.575E-09	-6.543E-08	-2.811E-08
140	176	G1	1.668E-08	-6.688E-08	-2.811E-08
140	175	G1	2.434E-08	-3.098E-08	-2.882E-08
140	149	G2	-0.6189	-0.6202	-0.0418
140	150	G2	-0.6283	-0.6485	-0.0497
140	176	G2	-0.7424	-0.6522	-0.0479
140	175	G2	-0.7316	-0.6238	-0.04
140	149	Qm	2.0456	1.7754	-0.5811
140	150	Qm	2.2062	2.2183	-0.5575
140	176	Qm	2.707	2.2671	-0.5822
140	175	Qm	2.5703	1.8183	-0.6059
140	149	Qs	-2.796E-09	-4.740E-09	-2.013E-10
140	150	Qs	-3.178E-09	-4.887E-09	-1.570E-10
140	176	Qs	-3.378E-09	-5.056E-09	-1.570E-10
140	175	Qs	-3.611E-09	-4.986E-09	-2.013E-10
140	149	T+	0.	0.	0.
140	150	T+	0.	0.	0.
140	176	T+	0.	0.	0.
140	175	T+	0.	0.	0.
140	149	T-	0.	0.	0.
140	150	T-	0.	0.	0.
140	176	T-	0.	0.	0.
140	175	T-	0.	0.	0.
140	149	W	4.2342	2.7767	-0.0658
140	150	W	4.2719	3.0748	-0.1318
140	176	W	3.7737	3.1322	-0.1237
140	175	W	3.7314	2.836	-0.0577
140	149	Qm-1	2.7689	2.14	-0.8858
140	150	Qm-1	2.506	0.6372	-0.8827
140	176	Qm-1	3.058	0.7236	-0.8917
140	175	Qm-1	3.3613	2.268	-0.8948
140	149	Qm-2	-0.0089	0.1755	-0.2103
140	150	Qm-2	-0.0236	0.0822	-0.1846
140	176	Qm-2	-0.1014	0.0132	-0.1838
140	175	Qm-2	-0.078	0.0919	-0.2095
141	150	DEAD	0.	0.	0.

Table 27: Element Forces - Area Shells, Part 2 of 3

Area	Joint	OutputCase	M11	M22	M12
			KN-mm/mm	KN-mm/mm	KN-mm/mm
141	151	DEAD	0.	0.	0.
141	177	DEAD	0.	0.	0.
141	176	DEAD	0.	0.	0.
141	150	G1	9.102E-09	-6.442E-08	-2.727E-08
141	151	G1	4.783E-09	-8.874E-08	-2.611E-08
141	177	G1	1.096E-08	-9.447E-08	-2.515E-08
141	176	G1	1.897E-08	-6.462E-08	-2.753E-08
141	150	G2	-0.6283	-0.6485	-0.0587
141	151	G2	-0.6412	-0.66	-0.0658
141	177	G2	-0.7547	-0.6677	-0.0617
141	176	G2	-0.7424	-0.6521	-0.0546
141	150	Qm	2.2062	2.2182	-0.5378
141	151	Qm	2.3259	2.5162	-0.5189
141	177	Qm	2.8101	2.5737	-0.5402
141	176	Qm	2.7069	2.2669	-0.5591
141	150	Qs	-3.096E-09	-4.810E-09	-1.241E-10
141	151	Qs	-3.195E-09	-4.809E-09	-6.570E-11
141	177	Qs	-3.437E-09	-5.051E-09	8.909E-12
141	176	Qs	-3.400E-09	-4.903E-09	-8.787E-11
141	150	T+	0.	0.	0.
141	151	T+	0.	0.	0.
141	177	T+	0.	0.	0.
141	176	T+	0.	0.	0.
141	150	T-	0.	0.	0.
141	151	T-	0.	0.	0.
141	177	T-	0.	0.	0.
141	176	T-	0.	0.	0.
141	150	W	4.2722	3.076	-0.2096
141	151	W	4.2502	3.5339	-0.2551
141	177	W	3.7725	3.5003	-0.2159
141	176	W	3.7738	3.1331	-0.1703
141	150	Qm-1	2.5062	0.6381	-0.8776
141	151	Qm-1	2.2721	-0.5524	-0.8578
141	177	Qm-1	2.7962	-0.5181	-0.8559
141	176	Qm-1	3.0581	0.7239	-0.8757
141	150	Qm-2	-0.0238	0.081	-0.1601
141	151	Qm-2	-0.0297	-0.0567	-0.147
141	177	Qm-2	-0.115	-0.0841	-0.1527
141	176	Qm-2	-0.1015	0.0126	-0.1658
142	151	DEAD	0.	0.	0.
142	152	DEAD	0.	0.	0.
142	178	DEAD	0.	0.	0.
142	177	DEAD	0.	0.	0.
142	151	G1	5.839E-09	-8.816E-08	-2.359E-08
142	152	G1	2.417E-09	-1.015E-07	-2.243E-08
142	178	G1	5.883E-09	-1.082E-07	-2.146E-08
142	177	G1	1.199E-08	-8.874E-08	-2.385E-08
142	151	G2	-0.6412	-0.6598	-0.0725
142	152	G2	-0.6545	-0.6585	-0.0776
142	178	G2	-0.7669	-0.6715	-0.0724
142	177	G2	-0.7547	-0.6676	-0.0673
142	151	Qm	2.3259	2.5162	-0.5046
142	152	Qm	2.4075	2.6897	-0.4902
142	178	Qm	2.8803	2.7544	-0.5071

Table 27: Element Forces - Area Shells, Part 2 of 3

Area	Joint	OutputCase	M11	M22	M12
			KN-mm/mm	KN-mm/mm	KN-mm/mm
142	177	Qm	2.8101	2.5736	-0.5215
142	151	Qs	-3.196E-09	-4.827E-09	3.199E-11
142	152	Qs	-3.035E-09	-4.360E-09	7.654E-12
142	178	Qs	-3.446E-09	-4.810E-09	3.199E-11
142	177	Qs	-3.434E-09	-4.759E-09	-5.884E-11
142	151	T+	0.	0.	0.
142	152	T+	0.	0.	0.
142	178	T+	0.	0.	0.
142	177	T+	0.	0.	0.
142	151	T-	0.	0.	0.
142	152	T-	0.	0.	0.
142	178	T-	0.	0.	0.
142	177	T-	0.	0.	0.
142	151	W	4.25	3.5327	-0.2869
142	152	W	4.1983	4.0208	-0.29
142	178	W	3.7524	3.8812	-0.2388
142	177	W	3.773	3.5027	-0.2357
142	151	Qm-1	2.2723	-0.5516	-0.8301
142	152	Qm-1	2.0848	-1.456	-0.7916
142	178	Qm-1	2.5868	-1.47	-0.7862
142	177	Qm-1	2.7963	-0.5176	-0.8248
142	151	Qm-2	-0.0298	-0.0572	-0.1442
142	152	Qm-2	-0.0529	-0.1672	-0.1438
142	178	Qm-2	-0.1272	-0.174	-0.1447
142	177	Qm-2	-0.115	-0.0845	-0.1452
143	152	DEAD	0.	0.	0.
143	153	DEAD	0.	0.	0.
143	179	DEAD	0.	0.	0.
143	178	DEAD	0.	0.	0.
143	152	G1	2.857E-09	-1.038E-07	-2.087E-08
143	153	G1	-1.863E-09	-1.128E-07	-1.777E-08
143	179	G1	7.867E-09	-1.202E-07	-1.803E-08
143	178	G1	5.984E-09	-1.055E-07	-1.990E-08
143	152	G2	-0.6545	-0.6583	-0.0814
143	153	G2	-0.6646	-0.6495	-0.0848
143	179	G2	-0.7769	-0.6651	-0.08
143	178	G2	-0.7669	-0.6714	-0.0766
143	152	Qm	2.4075	2.6898	-0.4798
143	153	Qm	2.4551	2.7525	-0.4687
143	179	Qm	2.9191	2.8217	-0.4813
143	178	Qm	2.8803	2.7544	-0.4924
143	152	Qs	-2.988E-09	-4.527E-09	3.714E-11
143	153	Qs	-2.949E-09	-4.138E-09	1.642E-10
143	179	Qs	-3.326E-09	-4.621E-09	1.036E-10
143	178	Qs	-3.456E-09	-4.545E-09	5.336E-11
143	152	T+	0.	0.	0.
143	153	T+	0.	0.	0.
143	179	T+	0.	0.	0.
143	178	T+	0.	0.	0.
143	152	T-	0.	0.	0.
143	153	T-	0.	0.	0.
143	179	T-	0.	0.	0.
143	178	T-	0.	0.	0.
143	152	W	4.1999	4.0286	-0.2632

Table 27: Element Forces - Area Shells, Part 2 of 3

Area	Joint	OutputCase	M11	M22	M12
			KN-mm/mm	KN-mm/mm	KN-mm/mm
143	153	W	4.1554	4.3972	-0.2258
143	179	W	3.7459	4.1938	-0.1868
143	178	W	3.7524	3.8814	-0.2242
143	152	Qm-1	2.0849	-1.4556	-0.7429
143	153	Qm-1	1.9571	-2.0989	-0.689
143	179	Qm-1	2.4391	-2.1467	-0.6867
143	178	Qm-1	2.5869	-1.4696	-0.7405
143	152	Qm-2	-0.0527	-0.1666	-0.1482
143	153	Qm-2	-0.0762	-0.2381	-0.1524
143	179	Qm-2	-0.1425	-0.2387	-0.15
143	178	Qm-2	-0.1272	-0.174	-0.1458
144	153	DEAD	0.	0.	0.
144	154	DEAD	0.	0.	0.
144	180	DEAD	0.	0.	0.
144	179	DEAD	0.	0.	0.
144	153	G1	-3.714E-09	-1.172E-07	-1.478E-08
144	154	G1	-2.060E-09	-1.218E-07	-1.327E-08
144	180	G1	5.019E-09	-1.214E-07	-1.265E-08
144	179	G1	7.205E-09	-1.234E-07	-1.540E-08
144	153	G2	-0.6646	-0.6496	-0.0873
144	154	G2	-0.6695	-0.6349	-0.0907
144	180	G2	-0.7837	-0.6486	-0.0869
144	179	G2	-0.7769	-0.6651	-0.0836
144	153	Qm	2.4551	2.7526	-0.4606
144	154	Qm	2.4727	2.7137	-0.4514
144	180	Qm	2.9288	2.7846	-0.4603
144	179	Qm	2.9192	2.8217	-0.4694
144	153	Qs	-3.048E-09	-4.483E-09	1.873E-10
144	154	Qs	-2.891E-09	-4.138E-09	1.873E-10
144	180	Qs	-3.383E-09	-4.098E-09	2.094E-10
144	179	Qs	-3.429E-09	-4.697E-09	2.094E-10
144	153	T+	0.	0.	0.
144	154	T+	0.	0.	0.
144	180	T+	0.	0.	0.
144	179	T+	0.	0.	0.
144	153	T-	0.	0.	0.
144	154	T-	0.	0.	0.
144	180	T-	0.	0.	0.
144	179	T-	0.	0.	0.
144	153	W	4.1554	4.3971	-0.1645
144	154	W	4.1584	4.5724	-0.1196
144	180	W	3.7651	4.3994	-0.1083
144	179	W	3.7459	4.1939	-0.1533
144	153	Qm-1	1.9571	-2.0988	-0.6265
144	154	Qm-1	1.8935	-2.4916	-0.5634
144	180	Qm-1	2.3597	-2.5572	-0.567
144	179	Qm-1	2.4392	-2.1465	-0.6302
144	153	Qm-2	-0.0762	-0.2379	-0.1579
144	154	Qm-2	-0.0918	-0.2776	-0.1637
144	180	Qm-2	-0.1568	-0.2752	-0.1607
144	179	Qm-2	-0.1425	-0.2386	-0.1548
145	154	DEAD	0.	0.	0.
145	155	DEAD	0.	0.	0.
145	181	DEAD	0.	0.	0.

Table 27: Element Forces - Area Shells, Part 2 of 3

Area	Joint	OutputCase	M11	M22	M12
			KN-mm/mm	KN-mm/mm	KN-mm/mm
145	180	DEAD	0.	0.	0.
145	154	G1	-1.983E-09	-1.167E-07	-1.125E-08
145	155	G1	4.218E-09	-1.202E-07	-8.997E-09
145	181	G1	6.773E-10	-1.226E-07	-9.836E-09
145	180	G1	5.149E-09	-1.229E-07	-1.148E-08
145	154	G2	-0.6696	-0.635	-0.0944
145	155	G2	-0.6711	-0.6095	-0.0992
145	181	G2	-0.7879	-0.6191	-0.0957
145	180	G2	-0.7838	-0.6487	-0.0909
145	154	Qm	2.4727	2.7138	-0.4444
145	155	Qm	2.4637	2.5799	-0.4362
145	181	Qm	2.9115	2.6501	-0.4419
145	180	Qm	2.9288	2.7847	-0.4501
145	154	Qs	-2.935E-09	-3.905E-09	2.687E-10
145	155	Qs	-2.702E-09	-3.973E-09	2.747E-10
145	181	Qs	-3.420E-09	-4.069E-09	2.687E-10
145	180	Qs	-3.308E-09	-4.347E-09	1.860E-10
145	154	T+	0.	0.	0.
145	155	T+	0.	0.	0.
145	181	T+	0.	0.	0.
145	180	T+	0.	0.	0.
145	154	T-	0.	0.	0.
145	155	T-	0.	0.	0.
145	181	T-	0.	0.	0.
145	180	T-	0.	0.	0.
145	154	W	4.1568	4.5644	-0.0775
145	155	W	4.1579	4.6082	-0.0572
145	181	W	3.8021	4.5262	-0.0581
145	180	W	3.7651	4.3994	-0.0784
145	154	Qm-1	1.8935	-2.4916	-0.4941
145	155	Qm-1	1.8955	-2.6339	-0.4276
145	181	Qm-1	2.3522	-2.703	-0.4384
145	180	Qm-1	2.3598	-2.5571	-0.5049
145	154	Qm-2	-0.0918	-0.2776	-0.17
145	155	Qm-2	-0.0981	-0.2879	-0.1769
145	181	Qm-2	-0.1677	-0.284	-0.1742
145	180	Qm-2	-0.1568	-0.2751	-0.1672
146	155	DEAD	0.	0.	0.
146	156	DEAD	0.	0.	0.
146	182	DEAD	0.	0.	0.
146	181	DEAD	0.	0.	0.
146	155	G1	3.408E-09	-1.175E-07	-6.797E-09
146	156	G1	1.248E-09	-1.153E-07	-4.669E-09
146	182	G1	7.265E-09	-1.142E-07	-4.669E-09
146	181	G1	6.716E-10	-1.288E-07	-6.797E-09
146	155	G2	-0.6712	-0.6097	-0.1056
146	156	G2	-0.6733	-0.5646	-0.1119
146	182	G2	-0.7908	-0.5718	-0.107
146	181	G2	-0.7879	-0.6192	-0.1007
146	155	Qm	2.4637	2.5799	-0.4294
146	156	Qm	2.4301	2.3566	-0.421
146	182	Qm	2.8689	2.4234	-0.4239
146	181	Qm	2.9115	2.6501	-0.4323
146	155	Qs	-2.683E-09	-3.901E-09	3.374E-10

Table 27: Element Forces - Area Shells, Part 2 of 3

Area	Joint	OutputCase	M11	M22	M12
			KN-mm/mm	KN-mm/mm	KN-mm/mm
146	156	Qs	-2.719E-09	-3.863E-09	3.153E-10
146	182	Qs	-3.231E-09	-3.785E-09	3.153E-10
146	181	Qs	-3.497E-09	-4.298E-09	3.374E-10
146	155	T+	0.	0.	0.
146	156	T+	0.	0.	0.
146	182	T+	0.	0.	0.
146	181	T+	0.	0.	0.
146	155	T-	0.	0.	0.
146	156	T-	0.	0.	0.
146	182	T-	0.	0.	0.
146	181	T-	0.	0.	0.
146	155	W	4.1582	4.6093	-0.0572
146	156	W	4.1131	4.6529	-0.063
146	182	W	3.8267	4.6375	-0.0523
146	181	W	3.8017	4.524	-0.0464
146	155	Qm-1	1.8956	-2.6339	-0.3573
146	156	Qm-1	1.9661	-2.5203	-0.2927
146	182	Qm-1	2.4187	-2.5791	-0.3114
146	181	Qm-1	2.3522	-2.703	-0.3759
146	155	Qm-2	-0.0981	-0.2879	-0.1841
146	156	Qm-2	-0.0945	-0.2691	-0.1919
146	182	Qm-2	-0.1751	-0.2655	-0.1896
146	181	Qm-2	-0.1677	-0.284	-0.1818
147	156	DEAD	0.	0.	0.
147	157	DEAD	0.	0.	0.
147	183	DEAD	0.	0.	0.
147	182	DEAD	0.	0.	0.
147	156	G1	6.458E-10	-1.184E-07	-2.976E-09
147	157	G1	1.005E-08	-8.971E-08	-1.653E-09
147	183	G1	1.661E-08	-9.391E-08	-4.395E-09
147	182	G1	7.659E-09	-1.166E-07	-4.490E-09
147	156	G2	-0.6733	-0.5648	-0.1201
147	157	G2	-0.6799	-0.4929	-0.1262
147	183	G2	-0.794	-0.5026	-0.1183
147	182	G2	-0.7908	-0.5718	-0.1122
147	156	Qm	2.4301	2.3566	-0.4135
147	157	Qm	2.373	2.0483	-0.4037
147	183	Qm	2.8027	2.1083	-0.404
147	182	Qm	2.869	2.4234	-0.4138
147	156	Qs	-2.707E-09	-3.853E-09	4.056E-10
147	157	Qs	-2.621E-09	-2.945E-09	3.753E-10
147	183	Qs	-2.671E-09	-3.074E-09	2.726E-10
147	182	Qs	-3.319E-09	-3.909E-09	2.645E-10
147	156	T+	0.	0.	0.
147	157	T+	0.	0.	0.
147	183	T+	0.	0.	0.
147	182	T+	0.	0.	0.
147	156	T-	0.	0.	0.
147	157	T-	0.	0.	0.
147	183	T-	0.	0.	0.
147	182	T-	0.	0.	0.
147	156	W	4.1128	4.6518	-0.0929
147	157	W	3.9853	4.7912	-0.1085
147	183	W	3.8211	4.7913	-0.0686

Table 27: Element Forces - Area Shells, Part 2 of 3

Area	Joint	OutputCase	M11	M22	M12
			KN-mm/mm	KN-mm/mm	KN-mm/mm
147	182	W	3.8265	4.6367	-0.0529
147	156	Qm-1	1.9661	-2.5203	-0.227
147	157	Qm-1	2.1087	-2.1396	-0.1698
147	183	Qm-1	2.5604	-2.1743	-0.1963
147	182	Qm-1	2.4187	-2.5793	-0.2535
147	156	Qm-2	-0.0945	-0.2692	-0.2002
147	157	Qm-2	-0.0821	-0.2194	-0.2084
147	183	Qm-2	-0.1814	-0.2198	-0.2057
147	182	Qm-2	-0.1751	-0.2657	-0.1975
148	157	DEAD	0.	0.	0.
148	158	DEAD	0.	0.	0.
148	184	DEAD	0.	0.	0.
148	183	DEAD	0.	0.	0.
148	157	G1	8.237E-09	-9.483E-08	2.871E-10
148	158	G1	2.193E-08	-6.531E-08	2.994E-09
148	184	G1	1.910E-08	-7.563E-08	1.351E-09
148	183	G1	1.777E-08	-9.678E-08	-1.971E-09
148	157	G2	-0.6799	-0.4929	-0.1333
148	158	G2	-0.6931	-0.3932	-0.1369
148	184	G2	-0.7977	-0.4099	-0.1254
148	183	G2	-0.794	-0.5026	-0.1218
148	157	Qm	2.373	2.0483	-0.394
148	158	Qm	2.293	1.6578	-0.3812
148	184	Qm	2.7142	1.7068	-0.3791
148	183	Qm	2.8027	2.1084	-0.3919
148	157	Qs	-2.702E-09	-3.191E-09	3.618E-10
148	158	Qs	-2.057E-09	-2.095E-09	3.899E-10
148	184	Qs	-2.827E-09	-2.683E-09	4.061E-10
148	183	Qs	-2.650E-09	-3.131E-09	3.012E-10
148	157	T+	0.	0.	0.
148	158	T+	0.	0.	0.
148	184	T+	0.	0.	0.
148	183	T+	0.	0.	0.
148	157	T-	0.	0.	0.
148	158	T-	0.	0.	0.
148	184	T-	0.	0.	0.
148	183	T-	0.	0.	0.
148	157	W	3.9857	4.7932	-0.1425
148	158	W	3.7743	4.9596	-0.1629
148	184	W	3.7322	5.0214	-0.0838
148	183	W	3.8204	4.7879	-0.0634
148	157	Qm-1	2.1086	-2.1399	-0.115
148	158	Qm-1	2.3249	-1.4699	-0.0703
148	184	Qm-1	2.7754	-1.4694	-0.1029
148	183	Qm-1	2.5603	-2.1746	-0.1476
148	157	Qm-2	-0.0822	-0.2201	-0.2177
148	158	Qm-2	-0.0686	-0.1331	-0.2235
148	184	Qm-2	-0.1912	-0.1503	-0.2177
148	183	Qm-2	-0.1814	-0.2198	-0.212
149	158	DEAD	0.	0.	0.
149	159	DEAD	0.	0.	0.
149	185	DEAD	0.	0.	0.
149	184	DEAD	0.	0.	0.
149	158	G1	1.954E-08	-7.000E-08	5.938E-09

Table 27: Element Forces - Area Shells, Part 2 of 3

Area	Joint	OutputCase	M11	M22	M12
			KN-mm/mm	KN-mm/mm	KN-mm/mm
149	159	G1	2.955E-08	-3.499E-08	7.452E-09
149	185	G1	3.634E-08	-4.131E-08	5.938E-09
149	184	G1	2.126E-08	-7.218E-08	3.196E-09
149	158	G2	-0.6931	-0.393	-0.1406
149	159	G2	-0.7132	-0.2744	-0.1412
149	185	G2	-0.8043	-0.2939	-0.1258
149	184	G2	-0.7977	-0.4102	-0.1253
149	158	Qm	2.293	1.6579	-0.3672
149	159	Qm	2.1909	1.184	-0.3497
149	185	Qm	2.6056	1.2182	-0.3459
149	184	Qm	2.7143	1.7069	-0.3634
149	158	Qs	-2.113E-09	-2.387E-09	5.870E-10
149	159	Qs	-1.919E-09	-1.615E-09	6.675E-10
149	185	Qs	-2.190E-09	-2.044E-09	5.648E-10
149	184	Qs	-2.845E-09	-2.585E-09	4.459E-10
149	158	T+	0.	0.	0.
149	159	T+	0.	0.	0.
149	185	T+	0.	0.	0.
149	184	T+	0.	0.	0.
149	158	T-	0.	0.	0.
149	159	T-	0.	0.	0.
149	185	T-	0.	0.	0.
149	184	T-	0.	0.	0.
149	158	W	3.7769	4.9724	-0.2195
149	159	W	3.594	4.8397	-0.3412
149	185	W	3.4088	5.344	-0.2278
149	184	W	3.7291	5.0057	-0.1061
149	158	Qm-1	2.3248	-1.4705	-0.0324
149	159	Qm-1	2.6088	-0.4734	-0.0022
149	185	Qm-1	3.0591	-0.4391	-0.036
149	184	Qm-1	2.7753	-1.4698	-0.0662
149	158	Qm-2	-0.0685	-0.1325	-0.2279
149	159	Qm-2	-0.0701	-0.0189	-0.2233
149	185	Qm-2	-0.2008	-0.0742	-0.2131
149	184	Qm-2	-0.1911	-0.1499	-0.2177
150	159	DEAD	0.	0.	0.
150	160	DEAD	0.	0.	0.
150	186	DEAD	0.	0.	0.
150	185	DEAD	0.	0.	0.
150	159	G1	2.639E-08	-3.814E-08	8.176E-09
150	160	G1	3.704E-08	2.743E-10	6.757E-09
150	186	G1	4.865E-08	6.099E-09	5.338E-09
150	185	G1	4.077E-08	-3.324E-08	6.757E-09
150	159	G2	-0.7132	-0.274	-0.1426
150	160	G2	-0.735	-0.1571	-0.1445
150	186	G2	-0.8198	-0.1636	-0.1264
150	185	G2	-0.8042	-0.2936	-0.1245
150	159	Qm	2.191	1.1842	-0.3294
150	160	Qm	2.0694	0.6213	-0.3059
150	186	Qm	2.4799	0.6396	-0.302
150	185	Qm	2.6056	1.2183	-0.3255
150	159	Qs	-2.150E-09	-1.901E-09	6.151E-10
150	160	Qs	-1.723E-09	-9.393E-10	5.345E-10
150	186	Qs	-1.909E-09	-9.613E-10	4.599E-10

Table 27: Element Forces - Area Shells, Part 2 of 3

Area	Joint	OutputCase	M11	M22	M12
			KN-mm/mm	KN-mm/mm	KN-mm/mm
150	185	Qs	-2.019E-09	-1.491E-09	5.789E-10
150	159	T+	0.	0.	0.
150	160	T+	0.	0.	0.
150	186	T+	0.	0.	0.
150	185	T+	0.	0.	0.
150	159	T-	0.	0.	0.
150	160	T-	0.	0.	0.
150	186	T-	0.	0.	0.
150	185	T-	0.	0.	0.
150	159	W	3.5909	4.8243	-0.5057
150	160	W	3.7689	3.9759	-0.781
150	186	W	3.0535	4.4509	-0.8167
150	185	W	3.4394	5.4973	-0.5414
150	159	Qm-1	2.6087	-0.4741	0.0194
150	160	Qm-1	2.9502	0.8913	0.0395
150	186	Qm-1	3.4072	0.9417	0.0102
150	185	Qm-1	3.0591	-0.4394	-0.0099
150	159	Qm-2	-0.0699	-0.0177	-0.209
150	160	Qm-2	-0.0615	0.0511	-0.1945
150	186	Qm-2	-0.2045	-0.0171	-0.1902
150	185	Qm-2	-0.2007	-0.0738	-0.2047
151	160	DEAD	0.	0.	0.
151	161	DEAD	0.	0.	0.
151	187	DEAD	0.	0.	0.
151	186	DEAD	0.	0.	0.
151	160	G1	3.545E-08	3.460E-09	6.285E-09
151	161	G1	4.412E-08	-1.512E-09	6.060E-09
151	187	G1	5.078E-08	5.677E-09	4.157E-09
151	186	G1	4.895E-08	2.433E-09	4.996E-09
151	160	G2	-0.735	-0.1568	-0.1473
151	161	G2	-0.7533	-0.064	-0.1538
151	187	G2	-0.8339	-0.0596	-0.1388
151	186	G2	-0.8197	-0.1631	-0.1323
151	160	Qm	2.0694	0.6215	-0.2785
151	161	Qm	1.9724	0.1615	-0.2494
151	187	Qm	2.3805	0.1674	-0.2473
151	186	Qm	2.4799	0.6397	-0.2764
151	160	Qs	-1.795E-09	-9.220E-10	4.965E-10
151	161	Qs	-1.332E-09	-4.480E-10	4.159E-10
151	187	Qs	-1.806E-09	-1.130E-10	2.970E-10
151	186	Qs	-1.861E-09	-9.661E-10	4.159E-10
151	160	T+	0.	0.	0.
151	161	T+	0.	0.	0.
151	187	T+	0.	0.	0.
151	186	T+	0.	0.	0.
151	160	T-	0.	0.	0.
151	161	T-	0.	0.	0.
151	187	T-	0.	0.	0.
151	186	T-	0.	0.	0.
151	160	W	3.8096	4.1791	-0.7942
151	161	W	4.2027	1.844	-1.3175
151	187	W	3.9931	4.5963	-1.6864
151	186	W	2.9067	3.7164	-1.163
151	160	Qm-1	2.9502	0.8914	0.0542

Table 27: Element Forces - Area Shells, Part 2 of 3

Area	Joint	OutputCase	M11	M22	M12
			KN-mm/mm	KN-mm/mm	KN-mm/mm
151	161	Qm-1	2.8675	0.2507	0.0745
151	187	Qm-1	3.3387	0.2884	0.052
151	186	Qm-1	3.4072	0.9418	0.0317
151	160	Qm-2	-0.0616	0.051	-0.1742
151	161	Qm-2	-0.0356	0.0534	-0.1628
151	187	Qm-2	-0.1985	0.0058	-0.1684
151	186	Qm-2	-0.2045	-0.0172	-0.1798
152	161	DEAD	0.	0.	0.
152	162	DEAD	0.	0.	0.
152	188	DEAD	0.	0.	0.
152	187	DEAD	0.	0.	0.
152	161	G1	4.372E-08	7.491E-10	5.993E-09
152	162	G1	4.235E-08	7.033E-10	7.411E-09
152	188	G1	5.267E-08	8.378E-10	6.702E-09
152	187	G1	4.882E-08	-3.109E-09	5.284E-09
152	161	G2	-0.7534	-0.0644	-0.16
152	162	G2	-0.7717	-1.805E-04	-0.1674
152	188	G2	-0.8455	4.541E-04	-0.1559
152	187	G2	-0.834	-0.0604	-0.1485
152	161	Qm	1.9724	0.1616	-0.2164
152	162	Qm	1.9425	2.755E-04	-0.1836
152	188	Qm	2.3505	3.238E-04	-0.1848
152	187	Qm	2.3805	0.1674	-0.2176
152	161	Qs	-1.173E-09	-2.127E-10	3.583E-10
152	162	Qs	-1.487E-09	6.056E-11	3.583E-10
152	188	Qs	-1.436E-09	6.714E-11	3.583E-10
152	187	Qs	-1.900E-09	-4.077E-10	3.583E-10
152	161	T+	0.	0.	0.
152	162	T+	0.	0.	0.
152	188	T+	0.	0.	0.
152	187	T+	0.	0.	0.
152	161	T-	0.	0.	0.
152	162	T-	0.	0.	0.
152	188	T-	0.	0.	0.
152	187	T-	0.	0.	0.
152	161	W	4.3608	2.6348	-1.4473
152	162	W	5.1013	-0.1949	-1.3256
152	188	W	4.6814	0.7306	-1.9022
152	187	W	3.2371	0.8163	-2.0239
152	161	Qm-1	2.8677	0.2516	0.0977
152	162	Qm-1	2.8493	-2.320E-04	0.13
152	188	Qm-1	3.3444	5.215E-04	0.1102
152	187	Qm-1	3.3388	0.2889	0.0779
152	161	Qm-2	-0.0358	0.0526	-0.155
152	162	Qm-2	-0.0013	2.938E-04	-0.1598
152	188	Qm-2	-0.1927	-3.026E-04	-0.1706
152	187	Qm-2	-0.1986	0.0053	-0.1658
153	163	DEAD	0.	0.	0.
153	164	DEAD	0.	0.	0.
153	190	DEAD	0.	0.	0.
153	189	DEAD	0.	0.	0.
153	163	G1	1.936E-08	9.847E-10	-1.515E-08
153	164	G1	1.455E-08	-1.314E-08	-1.444E-08
153	190	G1	3.505E-08	-7.793E-09	-1.515E-08

Table 27: Element Forces - Area Shells, Part 2 of 3

Area	Joint	OutputCase	M11	M22	M12
			KN-mm/mm	KN-mm/mm	KN-mm/mm
153	189	G1	3.096E-08	-1.347E-09	-1.586E-08
153	163	G2	-0.6935	-6.660E-05	0.1255
153	164	G2	-0.6806	-0.0437	0.1179
153	190	G2	-0.7748	-0.0452	0.1086
153	189	G2	-0.7889	-1.107E-04	0.1162
153	163	Qm	1.8658	-3.036E-05	-0.1742
153	164	Qm	1.8965	0.0232	-0.1265
153	190	Qm	2.4959	0.0315	-0.1394
153	189	Qm	2.4536	2.448E-04	-0.1871
153	163	Qs	-2.696E-09	1.165E-11	-5.188E-10
153	164	Qs	-2.911E-09	-9.046E-10	-5.853E-10
153	190	Qs	-3.064E-09	-6.339E-10	-6.074E-10
153	189	Qs	-3.185E-09	-1.521E-11	-5.409E-10
153	163	T+	0.	0.	0.
153	164	T+	0.	0.	0.
153	190	T+	0.	0.	0.
153	189	T+	0.	0.	0.
153	163	T-	0.	0.	0.
153	164	T-	0.	0.	0.
153	190	T-	0.	0.	0.
153	189	T-	0.	0.	0.
153	163	W	3.2852	8.542E-04	0.3927
153	164	W	3.2336	0.1386	0.3599
153	190	W	2.7691	0.106	0.3865
153	189	W	2.7965	2.096E-04	0.4193
153	163	Qm-1	2.4359	1.452E-04	-0.2495
153	164	Qm-1	2.4712	0.0275	-0.1898
153	190	Qm-1	3.2422	0.046	-0.2052
153	189	Qm-1	3.1892	3.752E-04	-0.2648
153	163	Qm-2	0.0485	1.176E-04	-0.0844
153	164	Qm-2	0.0603	0.0054	-0.0847
153	190	Qm-2	0.0823	0.0175	-0.087
153	189	Qm-2	0.0787	1.945E-04	-0.0866
154	164	DEAD	0.	0.	0.
154	165	DEAD	0.	0.	0.
154	191	DEAD	0.	0.	0.
154	190	DEAD	0.	0.	0.
154	164	G1	1.655E-08	-7.686E-09	-1.270E-08
154	165	G1	1.718E-08	-1.786E-08	-1.128E-08
154	191	G1	3.756E-08	-1.540E-08	-1.270E-08
154	190	G1	3.447E-08	-1.014E-08	-1.411E-08
154	164	G2	-0.6806	-0.0437	0.1102
154	165	G2	-0.671	-0.0967	0.1029
154	191	G2	-0.7648	-0.0978	0.0944
154	190	G2	-0.7748	-0.0452	0.1017
154	164	Qm	1.8965	0.0232	-0.0799
154	165	Qm	1.9534	0.1907	-0.0397
154	191	Qm	2.5843	0.2351	-0.0545
154	190	Qm	2.4959	0.0317	-0.0947
154	164	Qs	-2.981E-09	-6.411E-10	-5.887E-10
154	165	Qs	-3.021E-09	-1.486E-09	-5.443E-10
154	191	Qs	-3.067E-09	-1.536E-09	-5.887E-10
154	190	Qs	-3.018E-09	-8.736E-10	-6.330E-10
154	164	T+	0.	0.	0.

Table 27: Element Forces - Area Shells, Part 2 of 3

Area	Joint	OutputCase	M11	M22	M12
			KN-mm/mm	KN-mm/mm	KN-mm/mm
154	165	T+	0.	0.	0.
154	191	T+	0.	0.	0.
154	190	T+	0.	0.	0.
154	164	T-	0.	0.	0.
154	165	T-	0.	0.	0.
154	191	T-	0.	0.	0.
154	190	T-	0.	0.	0.
154	164	W	3.2338	0.1395	0.3389
154	165	W	3.212	0.2598	0.3148
154	191	W	2.7601	0.2253	0.3312
154	190	W	2.7691	0.1061	0.3553
154	164	Qm-1	2.4712	0.0276	-0.132
154	165	Qm-1	2.5507	0.2302	-0.0857
154	191	Qm-1	3.3528	0.3038	-0.1061
154	190	Qm-1	3.2423	0.0464	-0.1524
154	164	Qm-2	0.0604	0.0057	-0.0863
154	165	Qm-2	0.0883	0.0454	-0.0923
154	191	Qm-2	0.0983	0.0683	-0.0976
154	190	Qm-2	0.0823	0.0176	-0.0917
155	165	DEAD	0.	0.	0.
155	166	DEAD	0.	0.	0.
155	192	DEAD	0.	0.	0.
155	191	DEAD	0.	0.	0.
155	165	G1	1.941E-08	-1.392E-08	-1.091E-08
155	166	G1	1.869E-08	-1.500E-08	-1.091E-08
155	192	G1	4.237E-08	-7.628E-09	-1.162E-08
155	191	G1	3.757E-08	-1.208E-08	-1.162E-08
155	165	G2	-0.671	-0.0968	0.095
155	166	G2	-0.6645	-0.157	0.0872
155	192	G2	-0.7585	-0.1561	0.0796
155	191	G2	-0.7648	-0.0978	0.0874
155	165	Qm	1.9534	0.1907	-0.005
155	166	Qm	2.0376	0.507	0.0168
155	192	Qm	2.7283	0.6221	-0.0014
155	191	Qm	2.5844	0.2354	-0.0232
155	165	Qs	-3.054E-09	-1.643E-09	-6.049E-10
155	166	Qs	-3.160E-09	-1.979E-09	-6.492E-10
155	192	Qs	-3.015E-09	-1.981E-09	-6.492E-10
155	191	Qs	-3.044E-09	-1.397E-09	-6.049E-10
155	165	T+	0.	0.	0.
155	166	T+	0.	0.	0.
155	192	T+	0.	0.	0.
155	191	T+	0.	0.	0.
155	165	T-	0.	0.	0.
155	166	T-	0.	0.	0.
155	192	T-	0.	0.	0.
155	191	T-	0.	0.	0.
155	165	W	3.2121	0.26	0.2959
155	166	W	3.2199	0.3761	0.2688
155	192	W	2.7727	0.3616	0.2751
155	191	W	2.76	0.2249	0.3022
155	165	Qm-1	2.5507	0.2303	-0.0501
155	166	Qm-1	2.6196	0.6006	-0.0343
155	192	Qm-1	3.5667	0.7999	-0.0571

Table 27: Element Forces - Area Shells, Part 2 of 3

Area	Joint	OutputCase	M11	M22	M12
			KN-mm/mm	KN-mm/mm	KN-mm/mm
155	191	Qm-1	3.353	0.3048	-0.0729
155	165	Qm-2	0.0889	0.0483	-0.0979
155	166	Qm-2	0.1602	0.1131	-0.1155
155	192	Qm-2	0.1194	0.1731	-0.1277
155	191	Qm-2	0.0979	0.0662	-0.1101
156	166	DEAD	0.	0.	0.
156	167	DEAD	0.	0.	0.
156	193	DEAD	0.	0.	0.
156	192	DEAD	0.	0.	0.
156	166	G1	1.760E-08	-1.907E-08	-1.218E-08
156	167	G1	2.773E-08	-2.217E-09	-1.479E-08
156	193	G1	4.761E-08	5.449E-09	-1.608E-08
156	192	G1	4.325E-08	-6.562E-09	-1.408E-08
156	166	G2	-0.6646	-0.1571	0.0783
156	167	G2	-0.6619	-0.2199	0.0697
156	193	G2	-0.7562	-0.2171	0.0635
156	192	G2	-0.7585	-0.1561	0.0721
156	166	Qm	2.0376	0.507	0.0262
156	167	Qm	2.1501	0.9764	0.0092
156	193	Qm	2.9403	1.2394	-0.0131
156	192	Qm	2.7282	0.6216	0.0038
156	166	Qs	-3.281E-09	-2.449E-09	-6.356E-10
156	167	Qs	-2.947E-09	-2.344E-09	-7.103E-10
156	193	Qs	-3.162E-09	-2.318E-09	-7.465E-10
156	192	Qs	-3.041E-09	-2.217E-09	-7.103E-10
156	166	T+	0.	0.	0.
156	167	T+	0.	0.	0.
156	193	T+	0.	0.	0.
156	192	T+	0.	0.	0.
156	166	T-	0.	0.	0.
156	167	T-	0.	0.	0.
156	193	T-	0.	0.	0.
156	192	T-	0.	0.	0.
156	166	W	3.2197	0.375	0.2395
156	167	W	3.2488	0.527	0.2035
156	193	W	2.7989	0.534	0.2055
156	192	W	2.7726	0.3612	0.2415
156	166	Qm-1	2.6196	0.6007	-0.0309
156	167	Qm-1	2.9067	1.1882	-0.0979
156	193	Qm-1	3.8181	1.6868	-0.1487
156	192	Qm-1	3.5657	0.795	-0.0817
156	166	Qm-2	0.1586	0.1054	-0.1373
156	167	Qm-2	0.3528	0.4275	-0.1334
156	193	Qm-2	0.0763	0.275	-0.1472
156	192	Qm-2	0.12	0.1761	-0.1511
157	167	DEAD	0.	0.	0.
157	168	DEAD	0.	0.	0.
157	194	DEAD	0.	0.	0.
157	193	DEAD	0.	0.	0.
157	167	G1	2.787E-08	-7.526E-09	-1.819E-08
157	168	G1	2.523E-08	-1.532E-08	-2.151E-08
157	194	G1	4.374E-08	-1.648E-08	-2.174E-08
157	193	G1	4.961E-08	1.296E-08	-1.903E-08
157	167	G2	-0.662	-0.22	0.0597

Table 27: Element Forces - Area Shells, Part 2 of 3

Area	Joint	OutputCase	M11	M22	M12
			KN-mm/mm	KN-mm/mm	KN-mm/mm
157	168	G2	-0.6641	-0.2808	0.0506
157	194	G2	-0.7581	-0.2778	0.0464
157	193	G2	-0.7562	-0.2171	0.0555
157	167	Qm	2.1501	0.9765	-0.0349
157	168	Qm	2.2556	1.4137	-0.103
157	194	Qm	3.1347	1.813	-0.1234
157	193	Qm	2.94	1.2381	-0.0553
157	167	Qs	-2.933E-09	-2.666E-09	-7.486E-10
157	168	Qs	-2.926E-09	-2.865E-09	-7.346E-10
157	194	Qs	-3.260E-09	-3.303E-09	-7.486E-10
157	193	Qs	-3.233E-09	-2.475E-09	-8.011E-10
157	167	T+	0.	0.	0.
157	168	T+	0.	0.	0.
157	194	T+	0.	0.	0.
157	193	T+	0.	0.	0.
157	167	T-	0.	0.	0.
157	168	T-	0.	0.	0.
157	194	T-	0.	0.	0.
157	193	T-	0.	0.	0.
157	167	W	3.2486	0.5264	0.1624
157	168	W	3.2869	0.7509	0.1209
157	194	W	2.8292	0.7612	0.1254
157	193	W	2.7988	0.5336	0.1669
157	167	Qm-1	2.9067	1.1882	-0.2453
157	168	Qm-1	2.7594	1.0022	-0.325
157	194	Qm-1	3.7517	1.2668	-0.3057
157	193	Qm-1	3.8181	1.687	-0.226
157	167	Qm-2	0.3528	0.4276	-0.1202
157	168	Qm-2	0.1786	0.1748	-0.1195
157	194	Qm-2	0.1225	0.2575	-0.1041
157	193	Qm-2	0.0763	0.275	-0.1048
158	168	DEAD	0.	0.	0.
158	169	DEAD	0.	0.	0.
158	195	DEAD	0.	0.	0.
158	194	DEAD	0.	0.	0.
158	168	G1	2.441E-08	-1.825E-08	-2.186E-08
158	169	G1	1.872E-08	-2.792E-08	-2.244E-08
158	195	G1	4.534E-08	-2.002E-08	-2.257E-08
158	194	G1	4.696E-08	-1.227E-08	-2.138E-08
158	168	G2	-0.6641	-0.2808	0.0405
158	169	G2	-0.6711	-0.337	0.0319
158	195	G2	-0.7641	-0.3362	0.0299
158	194	G2	-0.7581	-0.2777	0.0385
158	168	Qm	2.2557	1.4138	-0.197
158	169	Qm	2.3196	1.6337	-0.2963
158	195	Qm	3.2247	2.0687	-0.3085
158	194	Qm	3.1346	1.8124	-0.2092
158	168	Qs	-2.968E-09	-3.170E-09	-7.674E-10
158	169	Qs	-3.019E-09	-3.555E-09	-7.149E-10
158	195	Qs	-3.591E-09	-4.093E-09	-6.787E-10
158	194	Qs	-3.180E-09	-2.829E-09	-6.928E-10
158	168	T+	0.	0.	0.
158	169	T+	0.	0.	0.
158	195	T+	0.	0.	0.

Table 27: Element Forces - Area Shells, Part 2 of 3

Area	Joint	OutputCase	M11	M22	M12
			KN-mm/mm	KN-mm/mm	KN-mm/mm
158	194	T+	0.	0.	0.
158	168	T-	0.	0.	0.
158	169	T-	0.	0.	0.
158	195	T-	0.	0.	0.
158	194	T-	0.	0.	0.
158	168	W	3.2869	0.7506	0.076
158	169	W	3.324	1.0636	0.0387
158	195	W	2.8574	1.0475	0.0501
158	194	W	2.8292	0.7611	0.0874
158	168	Qm-1	2.7595	1.0023	-0.3456
158	169	Qm-1	2.8464	1.0448	-0.3701
158	195	Qm-1	3.7326	1.2685	-0.3824
158	194	Qm-1	3.7528	1.272	-0.3579
158	168	Qm-2	0.1802	0.1828	-0.1466
158	169	Qm-2	0.1365	0.189	-0.1737
158	195	Qm-2	0.1067	0.2295	-0.1622
158	194	Qm-2	0.1219	0.2547	-0.1351
159	169	DEAD	0.	0.	0.
159	170	DEAD	0.	0.	0.
159	196	DEAD	0.	0.	0.
159	195	DEAD	0.	0.	0.
159	169	G1	1.990E-08	-2.716E-08	-2.181E-08
159	170	G1	1.994E-08	-2.925E-08	-2.181E-08
159	196	G1	5.023E-08	-2.024E-08	-2.323E-08
159	195	G1	4.282E-08	-2.552E-08	-2.323E-08
159	169	G2	-0.6711	-0.3369	0.0231
159	170	G2	-0.6817	-0.3887	0.0159
159	196	G2	-0.7732	-0.3918	0.0155
159	195	G2	-0.7641	-0.3361	0.0227
159	169	Qm	2.3196	1.6338	-0.4044
159	170	Qm	2.3434	1.6415	-0.5054
159	196	Qm	3.2169	2.047	-0.5093
159	195	Qm	3.2247	2.0687	-0.4083
159	169	Qs	-3.059E-09	-3.722E-09	-5.921E-10
159	170	Qs	-3.337E-09	-4.066E-09	-5.699E-10
159	196	Qs	-3.056E-09	-3.974E-09	-6.364E-10
159	195	Qs	-3.595E-09	-4.024E-09	-6.586E-10
159	169	T+	0.	0.	0.
159	170	T+	0.	0.	0.
159	196	T+	0.	0.	0.
159	195	T+	0.	0.	0.
159	169	T-	0.	0.	0.
159	170	T-	0.	0.	0.
159	196	T-	0.	0.	0.
159	195	T-	0.	0.	0.
159	169	W	3.3241	1.064	0.0044
159	170	W	3.3554	1.4422	-0.0177
159	196	W	2.885	1.3769	-4.559E-04
159	195	W	2.8575	1.0479	0.0216
159	169	Qm-1	2.8465	1.0449	-0.3902
159	170	Qm-1	2.8902	1.2662	-0.4204
159	196	Qm-1	3.869	1.5605	-0.4366
159	195	Qm-1	3.7326	1.2685	-0.4064
159	169	Qm-2	0.1365	0.189	-0.1894

Table 27: Element Forces - Area Shells, Part 2 of 3

Area	Joint	OutputCase	M11	M22	M12
			KN-mm/mm	KN-mm/mm	KN-mm/mm
159	170	Qm-2	0.1697	0.2147	-0.2167
159	196	Qm-2	0.0945	0.2843	-0.2178
159	195	Qm-2	0.1067	0.2295	-0.1905
160	170	DEAD	0.	0.	0.
160	171	DEAD	0.	0.	0.
160	197	DEAD	0.	0.	0.
160	196	DEAD	0.	0.	0.
160	170	G1	1.850E-08	-2.874E-08	-2.294E-08
160	171	G1	3.188E-08	-1.622E-08	-2.546E-08
160	197	G1	4.324E-08	-7.195E-09	-2.436E-08
160	196	G1	4.997E-08	-2.048E-08	-2.368E-08
160	170	G2	-0.6816	-0.3886	0.0091
160	171	G2	-0.6936	-0.4381	0.0036
160	197	G2	-0.784	-0.445	0.0041
160	196	G2	-0.7732	-0.3917	0.0096
160	170	Qm	2.3434	1.6415	-0.6022
160	171	Qm	2.3312	1.4433	-0.6755
160	197	Qm	3.1085	1.7192	-0.6722
160	196	Qm	3.217	2.0476	-0.5989
160	170	Qs	-3.252E-09	-3.876E-09	-5.494E-10
160	171	Qs	-3.318E-09	-4.144E-09	-4.991E-10
160	197	Qs	-3.646E-09	-4.314E-09	-3.720E-10
160	196	Qs	-3.119E-09	-4.277E-09	-4.991E-10
160	170	T+	0.	0.	0.
160	171	T+	0.	0.	0.
160	197	T+	0.	0.	0.
160	196	T+	0.	0.	0.
160	170	T-	0.	0.	0.
160	171	T-	0.	0.	0.
160	197	T-	0.	0.	0.
160	196	T-	0.	0.	0.
160	170	W	3.3558	1.444	-0.0285
160	171	W	3.3913	1.8334	-0.0293
160	197	W	2.9206	1.7156	-0.0138
160	196	W	2.8851	1.3774	-0.0129
160	170	Qm-1	2.8902	1.2662	-0.4523
160	171	Qm-1	3.1748	1.7314	-0.5495
160	197	Qm-1	4.0533	2.2806	-0.5978
160	196	Qm-1	3.8679	1.5552	-0.5005
160	170	Qm-2	0.1681	0.2067	-0.2445
160	171	Qm-2	0.3303	0.4917	-0.2441
160	197	Qm-2	0.0196	0.3327	-0.2484
160	196	Qm-2	0.0951	0.287	-0.2488
161	171	DEAD	0.	0.	0.
161	172	DEAD	0.	0.	0.
161	198	DEAD	0.	0.	0.
161	197	DEAD	0.	0.	0.
161	171	G1	3.152E-08	-1.579E-08	-2.778E-08
161	172	G1	2.402E-08	-3.043E-08	-2.942E-08
161	198	G1	4.234E-08	-2.767E-08	-2.955E-08
161	197	G1	4.202E-08	-4.275E-09	-2.730E-08
161	171	G2	-0.6936	-0.438	-0.001
161	172	G2	-0.7048	-0.4874	-0.0052
161	198	G2	-0.7952	-0.4965	-0.0047

Table 27: Element Forces - Area Shells, Part 2 of 3

Area	Joint	OutputCase	M11	M22	M12
			KN-mm/mm	KN-mm/mm	KN-mm/mm
161	197	G2	-0.784	-0.445	-5.752E-04
161	171	Qm	2.3312	1.4433	-0.7257
161	172	Qm	2.3229	1.2364	-0.752
161	198	Qm	2.9904	1.374	-0.7486
161	197	Qm	3.1088	1.7206	-0.7224
161	171	Qs	-3.244E-09	-4.239E-09	-3.728E-10
161	172	Qs	-3.252E-09	-4.160E-09	-3.204E-10
161	198	Qs	-3.515E-09	-4.599E-09	-3.950E-10
161	197	Qs	-3.521E-09	-4.174E-09	-4.091E-10
161	171	T+	0.	0.	0.
161	172	T+	0.	0.	0.
161	198	T+	0.	0.	0.
161	197	T+	0.	0.	0.
161	171	T-	0.	0.	0.
161	172	T-	0.	0.	0.
161	198	T-	0.	0.	0.
161	197	T-	0.	0.	0.
161	171	W	3.3912	1.8332	-0.0147
161	172	W	3.4508	2.1679	-0.0012
161	198	W	2.9741	2.0305	0.0023
161	197	W	2.9208	1.7163	-0.0112
161	171	Qm-1	3.1747	1.7313	-0.7206
161	172	Qm-1	3.0366	1.457	-0.818
161	198	Qm-1	3.9239	1.729	-0.7967
161	197	Qm-1	4.0532	2.2803	-0.6992
161	171	Qm-2	0.3302	0.4915	-0.2318
161	172	Qm-2	0.1196	0.2022	-0.2269
161	198	Qm-2	0.03	0.2577	-0.2004
161	197	Qm-2	0.0196	0.3326	-0.2052
162	172	DEAD	0.	0.	0.
162	173	DEAD	0.	0.	0.
162	199	DEAD	0.	0.	0.
162	198	DEAD	0.	0.	0.
162	172	G1	2.302E-08	-3.036E-08	-2.936E-08
162	173	G1	2.259E-08	-4.116E-08	-3.117E-08
162	199	G1	3.774E-08	-3.869E-08	-3.043E-08
162	198	G1	4.431E-08	-2.298E-08	-3.046E-08
162	172	G2	-0.7048	-0.4874	-0.0089
162	173	G2	-0.7143	-0.537	-0.0127
162	199	G2	-0.806	-0.5457	-0.0126
162	198	G2	-0.7952	-0.4965	-0.0088
162	172	Qm	2.3229	1.2364	-0.753
162	173	Qm	2.3586	1.2207	-0.7453
162	199	Qm	2.9509	1.2974	-0.7483
162	198	Qm	2.9905	1.3745	-0.7561
162	172	Qs	-3.463E-09	-4.567E-09	-3.199E-10
162	173	Qs	-3.320E-09	-4.579E-09	-3.362E-10
162	199	Qs	-3.549E-09	-4.997E-09	-3.199E-10
162	198	Qs	-3.356E-09	-4.227E-09	-3.805E-10
162	172	T+	0.	0.	0.
162	173	T+	0.	0.	0.
162	199	T+	0.	0.	0.
162	198	T+	0.	0.	0.
162	172	T-	0.	0.	0.

Table 27: Element Forces - Area Shells, Part 2 of 3

Area	Joint	OutputCase	M11	M22	M12
			KN-mm/mm	KN-mm/mm	KN-mm/mm
162	173	T-	0.	0.	0.
162	199	T-	0.	0.	0.
162	198	T-	0.	0.	0.
162	172	W	3.4507	2.1677	0.0224
162	173	W	3.5415	2.4176	0.0335
162	199	W	3.0472	2.3076	0.0213
162	198	W	2.9741	2.0304	0.0102
162	172	Qm-1	3.0365	1.4567	-0.8526
162	173	Qm-1	3.1293	1.4586	-0.8805
162	199	Qm-1	3.8375	1.6347	-0.8857
162	198	Qm-1	3.9249	1.7337	-0.8578
162	172	Qm-2	0.1212	0.2099	-0.2475
162	173	Qm-2	0.0246	0.1746	-0.2602
162	199	Qm-2	-0.0297	0.1611	-0.2331
162	198	Qm-2	0.0294	0.2549	-0.2205
163	173	DEAD	0.	0.	0.
163	174	DEAD	0.	0.	0.
163	200	DEAD	0.	0.	0.
163	199	DEAD	0.	0.	0.
163	173	G1	2.318E-08	-4.219E-08	-3.110E-08
163	174	G1	2.645E-08	-3.952E-08	-3.290E-08
163	200	G1	3.178E-08	-3.749E-08	-3.074E-08
163	199	G1	3.917E-08	-3.655E-08	-3.078E-08
163	173	G2	-0.7143	-0.5371	-0.0168
163	174	G2	-0.7226	-0.584	-0.0214
163	200	G2	-0.8166	-0.5907	-0.0212
163	199	G2	-0.806	-0.5458	-0.0167
163	173	Qm	2.3585	1.2206	-0.726
163	174	Qm	2.4409	1.4092	-0.7046
163	200	Qm	2.9793	1.4563	-0.7132
163	199	Qm	2.9508	1.297	-0.7346
163	173	Qs	-3.381E-09	-4.772E-09	-3.165E-10
163	174	Qs	-3.197E-09	-4.928E-09	-3.771E-10
163	200	Qs	-3.958E-09	-5.127E-09	-2.722E-10
163	199	Qs	-3.452E-09	-4.740E-09	-2.884E-10
163	173	T+	0.	0.	0.
163	174	T+	0.	0.	0.
163	200	T+	0.	0.	0.
163	199	T+	0.	0.	0.
163	173	T-	0.	0.	0.
163	174	T-	0.	0.	0.
163	200	T-	0.	0.	0.
163	199	T-	0.	0.	0.
163	173	W	3.5414	2.4174	0.0412
163	174	W	3.6467	2.6175	0.034
163	200	W	3.1285	2.5606	0.014
163	199	W	3.047	2.3065	0.0212
163	173	Qm-1	3.1292	1.4581	-0.8971
163	174	Qm-1	3.2215	1.717	-0.9051
163	200	Qm-1	3.8538	1.8481	-0.9081
163	199	Qm-1	3.8373	1.6335	-0.9
163	173	Qm-2	0.0241	0.1721	-0.2579
163	174	Qm-2	-0.0366	0.1396	-0.2527
163	200	Qm-2	-0.0842	0.1031	-0.2325

Table 27: Element Forces - Area Shells, Part 2 of 3

Area	Joint	OutputCase	M11	M22	M12
			KN-mm/mm	KN-mm/mm	KN-mm/mm
163	199	Qm-2	-0.0292	0.1634	-0.2377
164	174	DEAD	0.	0.	0.
164	175	DEAD	0.	0.	0.
164	201	DEAD	0.	0.	0.
164	200	DEAD	0.	0.	0.
164	174	G1	2.759E-08	-3.666E-08	-3.045E-08
164	175	G1	2.342E-08	-3.444E-08	-3.000E-08
164	201	G1	3.663E-08	-3.293E-08	-2.974E-08
164	200	G1	3.197E-08	-4.060E-08	-3.142E-08
164	174	G2	-0.7227	-0.5841	-0.0268
164	175	G2	-0.7316	-0.6237	-0.0323
164	201	G2	-0.8277	-0.6287	-0.0314
164	200	G2	-0.8166	-0.5908	-0.0259
164	174	Qm	2.4409	1.4091	-0.6782
164	175	Qm	2.5706	1.8185	-0.6524
164	201	Qm	3.0684	1.855	-0.6644
164	200	Qm	2.9792	1.456	-0.6902
164	174	Qs	-3.261E-09	-4.781E-09	-2.973E-10
164	175	Qs	-3.100E-09	-5.012E-09	-2.611E-10
164	201	Qs	-4.158E-09	-5.479E-09	-2.530E-10
164	200	Qs	-3.859E-09	-5.018E-09	-3.276E-10
164	174	T+	0.	0.	0.
164	175	T+	0.	0.	0.
164	201	T+	0.	0.	0.
164	200	T+	0.	0.	0.
164	174	T-	0.	0.	0.
164	175	T-	0.	0.	0.
164	201	T-	0.	0.	0.
164	200	T-	0.	0.	0.
164	174	W	3.6462	2.6152	0.011
164	175	W	3.7327	2.837	-0.0182
164	201	W	3.199	2.8222	-0.0308
164	200	W	3.1283	2.5599	-0.0016
164	174	Qm-1	3.2215	1.7167	-0.9085
164	175	Qm-1	3.363	2.2683	-0.9058
164	201	Qm-1	3.9276	2.3637	-0.9062
164	200	Qm-1	3.8537	1.8476	-0.9089
164	174	Qm-2	-0.0366	0.1399	-0.238
164	175	Qm-2	-0.0783	0.092	-0.2234
164	201	Qm-2	-0.1253	0.0395	-0.2108
164	200	Qm-2	-0.0842	0.1031	-0.2254
165	175	DEAD	0.	0.	0.
165	176	DEAD	0.	0.	0.
165	202	DEAD	0.	0.	0.
165	201	DEAD	0.	0.	0.
165	175	G1	2.392E-08	-3.198E-08	-2.947E-08
165	176	G1	1.947E-08	-6.486E-08	-2.805E-08
165	202	G1	1.984E-08	-7.045E-08	-2.663E-08
165	201	G1	3.658E-08	-3.143E-08	-2.805E-08
165	175	G2	-0.7316	-0.6238	-0.0389
165	176	G2	-0.7423	-0.6522	-0.0448
165	202	G2	-0.8396	-0.6572	-0.0425
165	201	G2	-0.8277	-0.6288	-0.0365
165	175	Qm	2.5706	1.8183	-0.6259

Table 27: Element Forces - Area Shells, Part 2 of 3

Area	Joint	OutputCase	M11	M22	M12
			KN-mm/mm	KN-mm/mm	KN-mm/mm
165	176	Qm	2.7072	2.2671	-0.6009
165	202	Qm	3.1741	2.3037	-0.614
165	201	Qm	3.0683	1.8548	-0.639
165	175	Qs	-3.062E-09	-4.837E-09	-1.689E-10
165	176	Qs	-3.394E-09	-5.087E-09	-1.024E-10
165	202	Qs	-4.173E-09	-5.272E-09	-3.588E-11
165	201	Qs	-4.062E-09	-5.434E-09	-1.024E-10
165	175	T+	0.	0.	0.
165	176	T+	0.	0.	0.
165	202	T+	0.	0.	0.
165	201	T+	0.	0.	0.
165	175	T-	0.	0.	0.
165	176	T-	0.	0.	0.
165	202	T-	0.	0.	0.
165	201	T-	0.	0.	0.
165	175	W	3.7326	2.8362	-0.0645
165	176	W	3.7748	3.1325	-0.1026
165	202	W	3.2443	3.1167	-0.0962
165	201	W	3.1989	2.8219	-0.0582
165	175	Qm-1	3.363	2.2683	-0.9015
165	176	Qm-1	3.0583	0.7236	-0.8887
165	202	Qm-1	3.5786	0.7836	-0.8827
165	201	Qm-1	3.9276	2.3636	-0.8955
165	175	Qm-2	-0.0783	0.0919	-0.2021
165	176	Qm-2	-0.1016	0.0131	-0.1853
165	202	Qm-2	-0.1538	-0.0346	-0.1809
165	201	Qm-2	-0.1253	0.0394	-0.1977
166	176	DEAD	0.	0.	0.
166	177	DEAD	0.	0.	0.
166	203	DEAD	0.	0.	0.
166	202	DEAD	0.	0.	0.
166	176	G1	2.005E-08	-6.344E-08	-2.610E-08
166	177	G1	8.915E-09	-9.496E-08	-2.504E-08
166	203	G1	1.863E-08	-9.394E-08	-2.468E-08
166	202	G1	2.093E-08	-6.787E-08	-2.574E-08
166	176	G2	-0.7423	-0.6521	-0.0515
166	177	G2	-0.7547	-0.6677	-0.0571
166	203	G2	-0.8521	-0.6747	-0.0533
166	202	G2	-0.8396	-0.6572	-0.0477
166	176	Qm	2.7072	2.267	-0.5777
166	177	Qm	2.8103	2.5738	-0.556
166	203	Qm	3.2539	2.615	-0.5683
166	202	Qm	3.1741	2.3035	-0.5901
166	176	Qs	-3.352E-09	-4.905E-09	-2.559E-11
166	177	Qs	-3.503E-09	-5.084E-09	-3.429E-12
166	203	Qs	-3.892E-09	-5.013E-09	-2.559E-11
166	202	Qs	-4.062E-09	-5.289E-09	-4.776E-11
166	176	T+	0.	0.	0.
166	177	T+	0.	0.	0.
166	203	T+	0.	0.	0.
166	202	T+	0.	0.	0.
166	176	T-	0.	0.	0.
166	177	T-	0.	0.	0.
166	203	T-	0.	0.	0.

Table 27: Element Forces - Area Shells, Part 2 of 3

Area	Joint	OutputCase	M11	M22	M12
			KN-mm/mm	KN-mm/mm	KN-mm/mm
166	202	T-	0.	0.	0.
166	176	W	3.775	3.1333	-0.1478
166	177	W	3.7729	3.5004	-0.1753
166	203	W	3.2648	3.4405	-0.1503
166	202	W	3.2444	3.1171	-0.1229
166	176	Qm-1	3.0584	0.724	-0.8724
166	177	Qm-1	2.7965	-0.5181	-0.8474
166	203	Qm-1	3.285	-0.496	-0.8368
166	202	Qm-1	3.5786	0.7837	-0.8618
166	176	Qm-2	-0.1017	0.0126	-0.1678
166	177	Qm-2	-0.1143	-0.084	-0.1563
166	203	Qm-2	-0.1734	-0.1139	-0.157
166	202	Qm-2	-0.1538	-0.0348	-0.1684
167	177	DEAD	0.	0.	0.
167	178	DEAD	0.	0.	0.
167	204	DEAD	0.	0.	0.
167	203	DEAD	0.	0.	0.
167	177	G1	1.093E-08	-8.989E-08	-2.348E-08
167	178	G1	8.987E-09	-1.068E-07	-2.220E-08
167	204	G1	1.057E-08	-1.097E-07	-2.136E-08
167	203	G1	1.697E-08	-9.455E-08	-2.326E-08
167	177	G2	-0.7546	-0.6676	-0.0627
167	178	G2	-0.7669	-0.6715	-0.0674
167	204	G2	-0.8642	-0.6809	-0.0627
167	203	G2	-0.8521	-0.6747	-0.058
167	177	Qm	2.8103	2.5737	-0.5372
167	178	Qm	2.8805	2.7545	-0.5193
167	204	Qm	3.3065	2.8011	-0.5296
167	203	Qm	3.2539	2.6149	-0.5475
167	177	Qs	-3.380E-09	-4.729E-09	-2.970E-12
167	178	Qs	-3.456E-09	-4.787E-09	-1.108E-11
167	204	Qs	-3.826E-09	-4.698E-09	4.136E-11
167	203	Qs	-3.952E-09	-5.072E-09	1.108E-11
167	177	T+	0.	0.	0.
167	178	T+	0.	0.	0.
167	204	T+	0.	0.	0.
167	203	T+	0.	0.	0.
167	177	T-	0.	0.	0.
167	178	T-	0.	0.	0.
167	204	T-	0.	0.	0.
167	203	T-	0.	0.	0.
167	177	W	3.7734	3.5027	-0.195
167	178	W	3.7522	3.8812	-0.1984
167	204	W	3.2752	3.7618	-0.167
167	203	W	3.2649	3.4413	-0.1636
167	177	Qm-1	2.7966	-0.5176	-0.8163
167	178	Qm-1	2.5868	-1.47	-0.7785
167	204	Qm-1	3.0521	-1.4827	-0.767
167	203	Qm-1	3.2851	-0.4957	-0.8049
167	177	Qm-2	-0.1144	-0.0844	-0.1487
167	178	Qm-2	-0.1272	-0.174	-0.1449
167	204	Qm-2	-0.1893	-0.1867	-0.1457
167	203	Qm-2	-0.1735	-0.1142	-0.1495
168	178	DEAD	0.	0.	0.

Table 27: Element Forces - Area Shells, Part 2 of 3

Area	Joint	OutputCase	M11	M22	M12
			KN-mm/mm	KN-mm/mm	KN-mm/mm
168	179	DEAD	0.	0.	0.
168	205	DEAD	0.	0.	0.
168	204	DEAD	0.	0.	0.
168	178	G1	7.704E-09	-1.062E-07	-1.995E-08
168	179	G1	1.612E-09	-1.198E-07	-1.795E-08
168	205	G1	1.085E-08	-1.223E-07	-1.711E-08
168	204	G1	1.203E-08	-1.093E-07	-1.972E-08
168	178	G2	-0.7669	-0.6714	-0.0716
168	179	G2	-0.777	-0.6651	-0.0755
168	205	G2	-0.8748	-0.6759	-0.0708
168	204	G2	-0.8642	-0.6809	-0.0668
168	178	Qm	2.8804	2.7545	-0.5046
168	179	Qm	2.9192	2.8217	-0.4899
168	205	Qm	3.3316	2.8724	-0.4974
168	204	Qm	3.3064	2.8011	-0.5121
168	178	Qs	-3.403E-09	-4.599E-09	1.623E-11
168	179	Qs	-3.427E-09	-4.554E-09	9.895E-11
168	205	Qs	-3.802E-09	-4.666E-09	6.056E-11
168	204	Qs	-3.903E-09	-4.875E-09	5.462E-11
168	178	T+	0.	0.	0.
168	179	T+	0.	0.	0.
168	205	T+	0.	0.	0.
168	204	T+	0.	0.	0.
168	178	T-	0.	0.	0.
168	179	T-	0.	0.	0.
168	205	T-	0.	0.	0.
168	204	T-	0.	0.	0.
168	178	W	3.7523	3.8814	-0.1848
168	179	W	3.7446	4.1935	-0.1672
168	205	W	3.2955	4.0421	-0.1451
168	204	W	3.2754	3.763	-0.1628
168	178	Qm-1	2.5869	-1.4696	-0.7329
168	179	Qm-1	2.4392	-2.1467	-0.684
168	205	Qm-1	2.8857	-2.1857	-0.6761
168	204	Qm-1	3.0522	-1.4825	-0.7249
168	178	Qm-2	-0.1272	-0.174	-0.1456
168	179	Qm-2	-0.1426	-0.2388	-0.1475
168	205	Qm-2	-0.2049	-0.2418	-0.146
168	204	Qm-2	-0.1893	-0.1868	-0.1442
169	179	DEAD	0.	0.	0.
169	180	DEAD	0.	0.	0.
169	206	DEAD	0.	0.	0.
169	205	DEAD	0.	0.	0.
169	179	G1	1.870E-09	-1.240E-07	-1.556E-08
169	180	G1	4.894E-09	-1.213E-07	-1.317E-08
169	206	G1	1.198E-08	-1.299E-07	-1.556E-08
169	205	G1	1.026E-08	-1.242E-07	-1.672E-08
169	179	G2	-0.777	-0.6651	-0.0792
169	180	G2	-0.7838	-0.6486	-0.083
169	206	G2	-0.8829	-0.6588	-0.0785
169	205	G2	-0.8748	-0.6759	-0.0747
169	179	Qm	2.9192	2.8217	-0.478
169	180	Qm	2.9288	2.7846	-0.4657
169	206	Qm	3.33	2.8374	-0.4703

Table 27: Element Forces - Area Shells, Part 2 of 3

Area	Joint	OutputCase	M11	M22	M12
			KN-mm/mm	KN-mm/mm	KN-mm/mm
169	205	Qm	3.3316	2.8724	-0.4827
169	179	Qs	-3.500E-09	-4.734E-09	1.314E-10
169	180	Qs	-3.102E-09	-3.971E-09	2.201E-10
169	206	Qs	-3.652E-09	-4.498E-09	1.757E-10
169	205	Qs	-3.858E-09	-4.761E-09	8.707E-11
169	179	T+	0.	0.	0.
169	180	T+	0.	0.	0.
169	206	T+	0.	0.	0.
169	205	T+	0.	0.	0.
169	179	T-	0.	0.	0.
169	180	T-	0.	0.	0.
169	206	T-	0.	0.	0.
169	205	T-	0.	0.	0.
169	179	W	3.7446	4.1936	-0.1343
169	180	W	3.7654	4.3995	-0.1103
169	206	W	3.3383	4.26	-0.1059
169	205	W	3.2955	4.0424	-0.1299
169	179	Qm-1	2.4392	-2.1465	-0.6277
169	180	Qm-1	2.3598	-2.5572	-0.5718
169	206	Qm-1	2.7911	-2.6109	-0.5703
169	205	Qm-1	2.8858	-2.1855	-0.6263
169	179	Qm-2	-0.1426	-0.2386	-0.1522
169	180	Qm-2	-0.157	-0.2752	-0.1571
169	206	Qm-2	-0.2209	-0.2738	-0.1537
169	205	Qm-2	-0.2049	-0.2418	-0.1488
170	180	DEAD	0.	0.	0.
170	181	DEAD	0.	0.	0.
170	207	DEAD	0.	0.	0.
170	206	DEAD	0.	0.	0.
170	180	G1	3.837E-09	-1.227E-07	-1.074E-08
170	181	G1	7.017E-09	-1.210E-07	-1.020E-08
170	207	G1	1.323E-08	-1.236E-07	-9.324E-09
170	206	G1	1.336E-08	-1.255E-07	-1.233E-08
170	180	G2	-0.7838	-0.6487	-0.087
170	181	G2	-0.7878	-0.6191	-0.0914
170	207	G2	-0.8883	-0.6279	-0.0869
170	206	G2	-0.8829	-0.6588	-0.0826
170	180	Qm	2.9288	2.7847	-0.4555
170	181	Qm	2.9115	2.6501	-0.4444
170	207	Qm	3.3029	2.7026	-0.4463
170	206	Qm	3.33	2.8374	-0.4574
170	180	Qs	-3.142E-09	-4.296E-09	2.653E-10
170	181	Qs	-3.139E-09	-4.005E-09	2.048E-10
170	207	Qs	-3.558E-09	-4.246E-09	2.210E-10
170	206	Qs	-3.627E-09	-4.182E-09	2.048E-10
170	180	T+	0.	0.	0.
170	181	T+	0.	0.	0.
170	207	T+	0.	0.	0.
170	206	T+	0.	0.	0.
170	180	T-	0.	0.	0.
170	181	T-	0.	0.	0.
170	207	T-	0.	0.	0.
170	206	T-	0.	0.	0.
170	180	W	3.7654	4.3995	-0.0815

Table 27: Element Forces - Area Shells, Part 2 of 3

Area	Joint	OutputCase	M11	M22	M12
			KN-mm/mm	KN-mm/mm	KN-mm/mm
170	181	W	3.8032	4.5264	-0.0652
170	207	W	3.4046	4.4233	-0.0748
170	206	W	3.3382	4.2594	-0.0911
170	180	Qm-1	2.3598	-2.5571	-0.5098
170	181	Qm-1	2.3523	-2.703	-0.4514
170	207	Qm-1	2.7716	-2.7595	-0.458
170	206	Qm-1	2.7911	-2.6108	-0.5164
170	180	Qm-2	-0.157	-0.2752	-0.1637
170	181	Qm-2	-0.1679	-0.284	-0.1701
170	207	Qm-2	-0.2367	-0.2811	-0.1652
170	206	Qm-2	-0.2209	-0.2737	-0.1588
171	181	DEAD	0.	0.	0.
171	182	DEAD	0.	0.	0.
171	208	DEAD	0.	0.	0.
171	207	DEAD	0.	0.	0.
171	181	G1	5.295E-09	-1.280E-07	-8.135E-09
171	182	G1	8.560E-09	-1.140E-07	-6.362E-09
171	208	G1	1.948E-08	-1.167E-07	-7.426E-09
171	207	G1	1.069E-08	-1.289E-07	-9.199E-09
171	181	G2	-0.7878	-0.6191	-0.0964
171	182	G2	-0.7906	-0.5717	-0.1011
171	208	G2	-0.8909	-0.5804	-0.096
171	207	G2	-0.8883	-0.6279	-0.0913
171	181	Qm	2.9115	2.6501	-0.4348
171	182	Qm	2.869	2.4234	-0.4238
171	208	Qm	3.2516	2.4731	-0.4233
171	207	Qm	3.3029	2.7026	-0.4343
171	181	Qs	-3.161E-09	-4.179E-09	2.909E-10
171	182	Qs	-2.960E-09	-3.822E-09	3.131E-10
171	208	Qs	-3.321E-09	-3.852E-09	2.466E-10
171	207	Qs	-3.503E-09	-4.343E-09	2.244E-10
171	181	T+	0.	0.	0.
171	182	T+	0.	0.	0.
171	208	T+	0.	0.	0.
171	207	T+	0.	0.	0.
171	181	T-	0.	0.	0.
171	182	T-	0.	0.	0.
171	208	T-	0.	0.	0.
171	207	T-	0.	0.	0.
171	181	W	3.8027	4.5242	-0.0535
171	182	W	3.8296	4.6381	-0.0478
171	208	W	3.4919	4.5646	-0.0609
171	207	W	3.4046	4.4231	-0.0667
171	181	Qm-1	2.3523	-2.703	-0.389
171	182	Qm-1	2.4187	-2.5791	-0.3327
171	208	Qm-1	2.829	-2.6271	-0.3478
171	207	Qm-1	2.7716	-2.7595	-0.4042
171	181	Qm-2	-0.1679	-0.2841	-0.1777
171	182	Qm-2	-0.1752	-0.2656	-0.1846
171	208	Qm-2	-0.2527	-0.2643	-0.1783
171	207	Qm-2	-0.2367	-0.2812	-0.1714
172	182	DEAD	0.	0.	0.
172	183	DEAD	0.	0.	0.
172	209	DEAD	0.	0.	0.

Table 27: Element Forces - Area Shells, Part 2 of 3

Area	Joint	OutputCase	M11	M22	M12
			KN-mm/mm	KN-mm/mm	KN-mm/mm
172	208	DEAD	0.	0.	0.
172	182	G1	7.750E-09	-1.171E-07	-6.285E-09
172	183	G1	1.259E-08	-9.509E-08	-3.673E-09
172	209	G1	1.976E-08	-1.059E-07	-4.157E-09
172	208	G1	1.938E-08	-1.112E-07	-6.155E-09
172	182	G2	-0.7907	-0.5718	-0.1062
172	183	G2	-0.7937	-0.5025	-0.1102
172	209	G2	-0.8897	-0.5141	-0.1042
172	208	G2	-0.8908	-0.5804	-0.1002
172	182	Qm	2.869	2.4234	-0.4136
172	183	Qm	2.8028	2.1083	-0.4016
172	209	Qm	3.1777	2.1523	-0.3989
172	208	Qm	3.2516	2.4731	-0.4109
172	182	Qs	-3.084E-09	-3.957E-09	2.286E-10
172	183	Qs	-2.991E-09	-3.032E-09	2.589E-10
172	209	Qs	-3.056E-09	-3.552E-09	2.065E-10
172	208	Qs	-3.129E-09	-3.459E-09	2.146E-10
172	182	T+	0.	0.	0.
172	183	T+	0.	0.	0.
172	209	T+	0.	0.	0.
172	208	T+	0.	0.	0.
172	182	T-	0.	0.	0.
172	183	T-	0.	0.	0.
172	209	T-	0.	0.	0.
172	208	T-	0.	0.	0.
172	182	W	3.8295	4.6373	-0.0474
172	183	W	3.8196	4.791	-0.0418
172	209	W	3.5986	4.7253	-0.0488
172	208	W	3.4918	4.5644	-0.0544
172	182	Qm-1	2.4187	-2.5793	-0.275
172	183	Qm-1	2.5603	-2.1743	-0.225
172	209	Qm-1	2.9631	-2.2039	-0.2479
172	208	Qm-1	2.829	-2.6272	-0.2979
172	182	Qm-2	-0.1753	-0.2657	-0.1925
172	183	Qm-2	-0.1815	-0.2198	-0.1985
172	209	Qm-2	-0.2696	-0.2254	-0.1901
172	208	Qm-2	-0.2527	-0.2643	-0.1841
173	183	DEAD	0.	0.	0.
173	184	DEAD	0.	0.	0.
173	210	DEAD	0.	0.	0.
173	209	DEAD	0.	0.	0.
173	183	G1	1.237E-08	-9.818E-08	-8.739E-10
173	184	G1	1.973E-08	-7.539E-08	-1.646E-10
173	210	G1	2.971E-08	-7.535E-08	-1.583E-09
173	209	G1	2.089E-08	-9.622E-08	-2.293E-09
173	183	G2	-0.7937	-0.5025	-0.1136
173	184	G2	-0.7974	-0.4099	-0.1151
173	210	G2	-0.8824	-0.4274	-0.1084
173	209	G2	-0.8897	-0.514	-0.1069
173	183	Qm	2.8028	2.1084	-0.3894
173	184	Qm	2.7143	1.7068	-0.3749
173	210	Qm	3.083	1.7422	-0.3706
173	209	Qm	3.1777	2.1524	-0.385
173	183	Qs	-2.969E-09	-3.184E-09	3.280E-10

Table 27: Element Forces - Area Shells, Part 2 of 3

Area	Joint	OutputCase	M11	M22	M12
			KN-mm/mm	KN-mm/mm	KN-mm/mm
173	184	Qs	-2.736E-09	-2.695E-09	3.724E-10
173	210	Qs	-2.855E-09	-2.749E-09	3.502E-10
173	209	Qs	-2.954E-09	-3.257E-09	3.059E-10
173	183	T+	0.	0.	0.
173	184	T+	0.	0.	0.
173	210	T+	0.	0.	0.
173	209	T+	0.	0.	0.
173	183	T-	0.	0.	0.
173	184	T-	0.	0.	0.
173	210	T-	0.	0.	0.
173	209	T-	0.	0.	0.
173	183	W	3.8189	4.7876	-0.0358
173	184	W	3.7512	5.0252	-0.0157
173	210	W	3.7586	4.9467	-0.0158
173	209	W	3.5991	4.7276	-0.0359
173	183	Qm-1	2.5602	-2.1746	-0.1764
173	184	Qm-1	2.7754	-1.4694	-0.1357
173	210	Qm-1	3.1719	-1.4754	-0.1643
173	209	Qm-1	2.963	-2.2041	-0.205
173	183	Qm-2	-0.1815	-0.2198	-0.2045
173	184	Qm-2	-0.1906	-0.1501	-0.2068
173	210	Qm-2	-0.2878	-0.1705	-0.1959
173	209	Qm-2	-0.2696	-0.2253	-0.1936
174	184	DEAD	0.	0.	0.
174	185	DEAD	0.	0.	0.
174	211	DEAD	0.	0.	0.
174	210	DEAD	0.	0.	0.
174	184	G1	2.105E-08	-7.257E-08	8.117E-10
174	185	G1	3.000E-08	-4.213E-08	1.651E-09
174	211	G1	4.575E-08	-4.061E-08	-6.069E-10
174	210	G1	2.982E-08	-7.281E-08	-8.318E-10
174	184	G2	-0.7974	-0.4101	-0.1149
174	185	G2	-0.8039	-0.2938	-0.1123
174	211	G2	-0.8635	-0.3181	-0.1055
174	210	G2	-0.8824	-0.4271	-0.1081
174	184	Qm	2.7143	1.7069	-0.3592
174	185	Qm	2.6057	1.2182	-0.3412
174	211	Qm	2.9701	1.2429	-0.3362
174	210	Qm	3.083	1.7423	-0.3542
174	184	Qs	-2.772E-09	-2.607E-09	3.783E-10
174	185	Qs	-2.427E-09	-2.079E-09	3.724E-10
174	211	Qs	-2.254E-09	-1.945E-09	2.232E-10
174	210	Qs	-2.882E-09	-2.622E-09	3.059E-10
174	184	T+	0.	0.	0.
174	185	T+	0.	0.	0.
174	211	T+	0.	0.	0.
174	210	T+	0.	0.	0.
174	184	T-	0.	0.	0.
174	185	T-	0.	0.	0.
174	211	T-	0.	0.	0.
174	210	T-	0.	0.	0.
174	184	W	3.748	5.0095	-0.0236
174	185	W	3.3169	5.3256	-0.0043
174	211	W	4.0193	5.4383	0.0649

Table 27: Element Forces - Area Shells, Part 2 of 3

Area	Joint	OutputCase	M11	M22	M12
			KN-mm/mm	KN-mm/mm	KN-mm/mm
174	210	W	3.7586	4.9465	0.0455
174	184	Qm-1	2.7753	-1.4698	-0.0989
174	185	Qm-1	3.0595	-0.439	-0.068
174	211	Qm-1	3.4524	-0.4237	-0.0989
174	210	Qm-1	3.1719	-1.4756	-0.1298
174	184	Qm-2	-0.1905	-0.1498	-0.2065
174	185	Qm-2	-0.2012	-0.0743	-0.203
174	211	Qm-2	-0.3046	-0.1109	-0.1916
174	210	Qm-2	-0.2877	-0.1703	-0.1952
175	185	DEAD	0.	0.	0.
175	186	DEAD	0.	0.	0.
175	212	DEAD	0.	0.	0.
175	211	DEAD	0.	0.	0.
175	185	G1	3.186E-08	-3.428E-08	3.139E-09
175	186	G1	5.311E-08	8.460E-09	4.333E-09
175	212	G1	5.491E-08	8.633E-09	1.366E-09
175	211	G1	4.487E-08	-3.702E-08	7.862E-10
175	185	G2	-0.8038	-0.2935	-0.1097
175	186	G2	-0.8222	-0.1641	-0.1078
175	212	G2	-0.8388	-0.1621	-0.0972
175	211	G2	-0.8639	-0.3201	-0.0991
175	185	Qm	2.6057	1.2183	-0.3207
175	186	Qm	2.4799	0.6396	-0.2985
175	212	Qm	2.8418	0.6533	-0.2942
175	211	Qm	2.9701	1.243	-0.3165
175	185	Qs	-2.412E-09	-1.466E-09	3.980E-10
175	186	Qs	-1.566E-09	-7.802E-10	4.423E-10
175	212	Qs	-2.071E-09	-5.596E-10	3.315E-10
175	211	Qs	-2.153E-09	-1.922E-09	2.871E-10
175	185	T+	0.	0.	0.
175	186	T+	0.	0.	0.
175	212	T+	0.	0.	0.
175	211	T+	0.	0.	0.
175	185	T-	0.	0.	0.
175	186	T-	0.	0.	0.
175	212	T-	0.	0.	0.
175	211	T-	0.	0.	0.
175	185	W	3.3475	5.479	-0.2305
175	186	W	3.1492	4.47	-0.9492
175	212	W	2.5353	8.2659	-0.523
175	211	W	3.9582	5.1325	0.1958
175	185	Qm-1	3.0594	-0.4393	-0.0418
175	186	Qm-1	3.4075	0.9418	-0.0175
175	212	Qm-1	3.802	0.9674	-0.0473
175	211	Qm-1	3.4524	-0.4239	-0.0716
175	185	Qm-2	-0.2011	-0.0739	-0.195
175	186	Qm-2	-0.2047	-0.0172	-0.1875
175	212	Qm-2	-0.3173	-0.0595	-0.1796
175	211	Qm-2	-0.3046	-0.1108	-0.1871
176	186	DEAD	0.	0.	0.
176	187	DEAD	0.	0.	0.
176	213	DEAD	0.	0.	0.
176	212	DEAD	0.	0.	0.
176	186	G1	5.086E-08	1.840E-09	3.201E-09

Table 27: Element Forces - Area Shells, Part 2 of 3

Area	Joint	OutputCase	M11	M22	M12
			KN-mm/mm	KN-mm/mm	KN-mm/mm
176	187	G1	5.336E-08	5.186E-09	5.329E-09
176	213	G1	5.835E-08	-4.322E-09	3.556E-09
176	212	G1	5.447E-08	7.535E-09	1.428E-09
176	186	G2	-0.8221	-0.1635	-0.1148
176	187	G2	-0.8296	-0.0588	-0.128
176	213	G2	-0.8629	-0.0096	-0.1107
176	212	G2	-0.8382	-0.1593	-0.0975
176	186	Qm	2.48	0.6397	-0.2729
176	187	Qm	2.3806	0.1674	-0.2467
176	213	Qm	2.7413	0.1724	-0.2448
176	212	Qm	2.8418	0.6534	-0.271
176	186	Qs	-1.607E-09	-9.565E-10	3.327E-10
176	187	Qs	-1.595E-09	-1.819E-10	3.992E-10
176	213	Qs	-1.504E-09	-5.104E-10	3.327E-10
176	212	Qs	-2.179E-09	-9.106E-10	2.662E-10
176	186	T+	0.	0.	0.
176	187	T+	0.	0.	0.
176	213	T+	0.	0.	0.
176	212	T+	0.	0.	0.
176	186	T-	0.	0.	0.
176	187	T-	0.	0.	0.
176	213	T-	0.	0.	0.
176	212	T-	0.	0.	0.
176	186	W	3.0023	3.7356	-2.0389
176	187	W	3.9313	4.5839	-1.5187
176	213	W	0.8588	-5.0628	-1.883
176	212	W	2.9335	10.2569	-2.4033
176	186	Qm-1	3.4075	0.9419	0.0043
176	187	Qm-1	3.3397	0.2886	0.028
176	213	Qm-1	3.7408	0.3083	2.003E-04
176	212	Qm-1	3.802	0.9674	-0.0235
176	186	Qm-2	-0.2047	-0.0172	-0.1774
176	187	Qm-2	-0.1996	0.0056	-0.1724
176	213	Qm-2	-0.3243	-0.0235	-0.1696
176	212	Qm-2	-0.3173	-0.0595	-0.1745
177	187	DEAD	0.	0.	0.
177	188	DEAD	0.	0.	0.
177	214	DEAD	0.	0.	0.
177	213	DEAD	0.	0.	0.
177	187	G1	5.169E-08	-1.390E-09	5.379E-09
177	188	G1	5.111E-08	5.069E-10	5.379E-09
177	214	G1	5.852E-08	8.267E-10	6.088E-09
177	213	G1	6.095E-08	7.729E-10	6.088E-09
177	187	G2	-0.8298	-0.0595	-0.1375
177	188	G2	-0.8514	-7.211E-04	-0.1486
177	214	G2	-0.8098	0.0026	-0.1522
177	213	G2	-0.8625	-0.0077	-0.1411
177	187	Qm	2.3806	0.1675	-0.2171
177	188	Qm	2.3503	2.952E-04	-0.1881
177	214	Qm	2.7117	3.618E-04	-0.1897
177	213	Qm	2.7413	0.1725	-0.2188
177	187	Qs	-1.637E-09	-3.614E-10	3.652E-10
177	188	Qs	-1.825E-09	-4.390E-12	3.652E-10
177	214	Qs	-1.657E-09	-5.935E-11	4.538E-10

Table 27: Element Forces - Area Shells, Part 2 of 3

Area	Joint	OutputCase	M11	M22	M12
			KN-mm/mm	KN-mm/mm	KN-mm/mm
177	213	Qs	-1.517E-09	-1.956E-10	4.538E-10
177	187	T+	0.	0.	0.
177	188	T+	0.	0.	0.
177	214	T+	0.	0.	0.
177	213	T+	0.	0.	0.
177	187	T-	0.	0.	0.
177	188	T-	0.	0.	0.
177	214	T-	0.	0.	0.
177	213	T-	0.	0.	0.
177	187	W	3.1753	0.804	-1.7604
177	188	W	4.7534	0.745	-3.3431
177	214	W	1.8809	-1.9042	-3.7556
177	213	W	3.9995	10.6402	-2.173
177	187	Qm-1	3.3398	0.289	0.054
177	188	Qm-1	3.3418	-2.055E-06	0.0838
177	214	Qm-1	3.7554	4.719E-04	0.0555
177	213	Qm-1	3.7409	0.3086	0.0257
177	187	Qm-2	-0.1997	0.0051	-0.17
177	188	Qm-2	-0.1893	3.637E-04	-0.175
177	214	Qm-2	-0.3323	-2.999E-04	-0.1747
177	213	Qm-2	-0.3244	-0.0238	-0.1697
178	189	DEAD	0.	0.	0.
178	190	DEAD	0.	0.	0.
178	216	DEAD	0.	0.	0.
178	215	DEAD	0.	0.	0.
178	189	G1	3.720E-08	-5.571E-10	-1.716E-08
178	190	G1	3.234E-08	-9.170E-09	-1.601E-08
178	216	G1	5.924E-08	-7.428E-09	-1.539E-08
178	215	G1	5.512E-08	4.938E-10	-1.778E-08
178	189	G2	-0.7887	-8.760E-05	0.106
178	190	G2	-0.7748	-0.0452	0.0996
178	216	G2	-0.8532	-0.0457	0.0899
178	215	G2	-0.8675	-1.097E-04	0.0964
178	189	Qm	2.4542	3.489E-04	-0.2001
178	190	Qm	2.4962	0.0316	-0.1559
178	216	Qm	3.0621	0.0443	-0.1716
178	215	Qm	3.0138	5.817E-04	-0.2158
178	189	Qs	-2.969E-09	1.512E-11	-6.108E-10
178	190	Qs	-3.278E-09	-7.551E-10	-6.271E-10
178	216	Qs	-2.803E-09	-6.166E-10	-5.665E-10
178	215	Qs	-2.724E-09	1.537E-10	-6.271E-10
178	189	T+	0.	0.	0.
178	190	T+	0.	0.	0.
178	216	T+	0.	0.	0.
178	215	T+	0.	0.	0.
178	189	T-	0.	0.	0.
178	190	T-	0.	0.	0.
178	216	T-	0.	0.	0.
178	215	T-	0.	0.	0.
178	189	W	2.7991	7.300E-04	0.4436
178	190	W	2.768	0.1058	0.4051
178	216	W	2.262	0.0866	0.4234
178	215	W	2.2807	1.532E-04	0.462
178	189	Qm-1	3.19	5.225E-04	-0.2795

Table 27: Element Forces - Area Shells, Part 2 of 3

Area	Joint	OutputCase	M11	M22	M12
			KN-mm/mm	KN-mm/mm	KN-mm/mm
178	190	Qm-1	3.2418	0.0459	-0.2255
178	216	Qm-1	3.9543	0.0708	-0.2431
178	215	Qm-1	3.8987	9.020E-04	-0.2971
178	189	Qm-2	0.0775	-3.937E-05	-0.0864
178	190	Qm-2	0.0823	0.0175	-0.0876
178	216	Qm-2	0.0995	0.032	-0.0851
178	215	Qm-2	0.106	-3.065E-05	-0.084
179	190	DEAD	0.	0.	0.
179	191	DEAD	0.	0.	0.
179	217	DEAD	0.	0.	0.
179	216	DEAD	0.	0.	0.
179	190	G1	3.243E-08	-1.025E-08	-1.446E-08
179	191	G1	3.436E-08	-1.485E-08	-1.385E-08
179	217	G1	5.708E-08	-7.233E-09	-1.482E-08
179	216	G1	5.799E-08	-1.054E-08	-1.420E-08
179	190	G2	-0.7748	-0.0452	0.0927
179	191	G2	-0.7648	-0.0978	0.0864
179	217	G2	-0.8431	-0.0981	0.0778
179	216	G2	-0.8532	-0.0457	0.0842
179	190	Qm	2.4963	0.0318	-0.1115
179	191	Qm	2.5848	0.2352	-0.0767
179	217	Qm	3.1701	0.286	-0.0991
179	216	Qm	3.0621	0.0444	-0.1339
179	190	Qs	-3.305E-09	-9.010E-10	-6.608E-10
179	191	Qs	-3.256E-09	-1.510E-09	-6.667E-10
179	217	Qs	-3.161E-09	-1.444E-09	-6.829E-10
179	216	Qs	-2.807E-09	-6.623E-10	-6.002E-10
179	190	T+	0.	0.	0.
179	191	T+	0.	0.	0.
179	217	T+	0.	0.	0.
179	216	T+	0.	0.	0.
179	190	T-	0.	0.	0.
179	191	T-	0.	0.	0.
179	217	T-	0.	0.	0.
179	216	T-	0.	0.	0.
179	190	W	2.768	0.1059	0.3735
179	191	W	2.7598	0.2252	0.3406
179	217	W	2.2585	0.2009	0.3528
179	216	W	2.262	0.0866	0.3856
179	190	Qm-1	3.2419	0.0463	-0.1726
179	191	Qm-1	3.356	0.3045	-0.1357
179	217	Qm-1	4.0889	0.3914	-0.1634
179	216	Qm-1	3.9543	0.0709	-0.2003
179	190	Qm-2	0.0823	0.0176	-0.0925
179	191	Qm-2	0.0976	0.0681	-0.1006
179	217	Qm-2	0.0917	0.0954	-0.0974
179	216	Qm-2	0.0994	0.0317	-0.0893
180	191	DEAD	0.	0.	0.
180	192	DEAD	0.	0.	0.
180	218	DEAD	0.	0.	0.
180	217	DEAD	0.	0.	0.
180	191	G1	3.588E-08	-1.150E-08	-1.388E-08
180	192	G1	3.976E-08	-9.733E-09	-1.388E-08
180	218	G1	6.301E-08	-1.396E-09	-1.601E-08

Table 27: Element Forces - Area Shells, Part 2 of 3

Area	Joint	OutputCase	M11	M22	M12
			KN-mm/mm	KN-mm/mm	KN-mm/mm
180	217	G1	5.607E-08	-1.115E-08	-1.601E-08
180	191	G2	-0.7648	-0.0978	0.0793
180	192	G2	-0.7585	-0.1561	0.0727
180	218	G2	-0.837	-0.1554	0.0653
180	217	G2	-0.8431	-0.0981	0.0719
180	191	Qm	2.5849	0.2355	-0.0459
180	192	Qm	2.7285	0.6221	-0.0318
180	218	Qm	3.3427	0.744	-0.0625
180	217	Qm	3.1701	0.2858	-0.0766
180	191	Qs	-3.212E-09	-1.391E-09	-6.945E-10
180	192	Qs	-3.234E-09	-2.067E-09	-6.723E-10
180	218	Qs	-3.062E-09	-2.106E-09	-7.388E-10
180	217	Qs	-3.117E-09	-1.353E-09	-7.610E-10
180	191	T+	0.	0.	0.
180	192	T+	0.	0.	0.
180	218	T+	0.	0.	0.
180	217	T+	0.	0.	0.
180	191	T-	0.	0.	0.
180	192	T-	0.	0.	0.
180	218	T-	0.	0.	0.
180	217	T-	0.	0.	0.
180	191	W	2.7598	0.2248	0.3113
180	192	W	2.7725	0.3616	0.2783
180	218	W	2.2709	0.3438	0.2847
180	217	W	2.2585	0.2007	0.3178
180	191	Qm-1	3.3562	0.3054	-0.1065
180	192	Qm-1	3.5591	0.7984	-0.1052
180	218	Qm-1	4.2969	1.0015	-0.1448
180	217	Qm-1	4.0887	0.3902	-0.1461
180	191	Qm-2	0.0971	0.0661	-0.1143
180	192	Qm-2	0.1165	0.1726	-0.1243
180	218	Qm-2	0.0715	0.1805	-0.1161
180	217	Qm-2	0.0918	0.0957	-0.1062
181	192	DEAD	0.	0.	0.
181	193	DEAD	0.	0.	0.
181	219	DEAD	0.	0.	0.
181	218	DEAD	0.	0.	0.
181	192	G1	3.820E-08	-8.072E-09	-1.527E-08
181	193	G1	4.718E-08	5.119E-09	-1.727E-08
181	219	G1	6.720E-08	2.092E-08	-1.811E-08
181	218	G1	6.482E-08	-3.481E-09	-1.549E-08
181	192	G2	-0.7585	-0.1561	0.0652
181	193	G2	-0.7562	-0.2171	0.0582
181	219	G2	-0.8348	-0.2156	0.0522
181	218	G2	-0.837	-0.1554	0.0592
181	192	Qm	2.7284	0.6217	-0.0292
181	193	Qm	2.94	1.2394	-0.0489
181	219	Qm	3.5767	1.4625	-0.0861
181	218	Qm	3.3426	0.7433	-0.0664
181	192	Qs	-3.290E-09	-2.258E-09	-7.312E-10
181	193	Qs	-3.046E-09	-2.257E-09	-7.614E-10
181	219	Qs	-3.331E-09	-2.399E-09	-7.533E-10
181	218	Qs	-3.038E-09	-2.016E-09	-7.614E-10
181	192	T+	0.	0.	0.

Table 27: Element Forces - Area Shells, Part 2 of 3

Area	Joint	OutputCase	M11	M22	M12
			KN-mm/mm	KN-mm/mm	KN-mm/mm
181	193	T+	0.	0.	0.
181	219	T+	0.	0.	0.
181	218	T+	0.	0.	0.
181	192	T-	0.	0.	0.
181	193	T-	0.	0.	0.
181	219	T-	0.	0.	0.
181	218	T-	0.	0.	0.
181	192	W	2.7724	0.3612	0.2448
181	193	W	2.7989	0.534	0.2089
181	219	W	2.2933	0.5228	0.2134
181	218	W	2.2708	0.3435	0.2493
181	192	Qm-1	3.5581	0.7935	-0.1314
181	193	Qm-1	3.8277	1.6888	-0.1723
181	219	Qm-1	4.5559	1.9713	-0.2048
181	218	Qm-1	4.2967	1.0008	-0.1638
181	192	Qm-2	0.1171	0.1755	-0.1337
181	193	Qm-2	0.084	0.2765	-0.1316
181	219	Qm-2	0.0628	0.2471	-0.1159
181	218	Qm-2	0.0716	0.1812	-0.118
182	193	DEAD	0.	0.	0.
182	194	DEAD	0.	0.	0.
182	220	DEAD	0.	0.	0.
182	219	DEAD	0.	0.	0.
182	193	G1	4.677E-08	1.163E-08	-1.987E-08
182	194	G1	4.231E-08	-1.659E-08	-2.142E-08
182	220	G1	6.441E-08	-5.485E-09	-2.129E-08
182	219	G1	6.642E-08	1.781E-08	-2.035E-08
182	193	G2	-0.7562	-0.2171	0.0502
182	194	G2	-0.7581	-0.2778	0.0431
182	220	G2	-0.8365	-0.2764	0.0388
182	219	G2	-0.8348	-0.2156	0.0459
182	193	Qm	2.9398	1.238	-0.091
182	194	Qm	3.134	1.8128	-0.1494
182	220	Qm	3.7854	2.1269	-0.1817
182	219	Qm	3.5765	1.4615	-0.1234
182	193	Qs	-3.091E-09	-2.487E-09	-7.346E-10
182	194	Qs	-3.535E-09	-3.380E-09	-8.092E-10
182	220	Qs	-3.218E-09	-2.991E-09	-8.011E-10
182	219	Qs	-3.302E-09	-2.549E-09	-7.649E-10
182	193	T+	0.	0.	0.
182	194	T+	0.	0.	0.
182	220	T+	0.	0.	0.
182	219	T+	0.	0.	0.
182	193	T-	0.	0.	0.
182	194	T-	0.	0.	0.
182	220	T-	0.	0.	0.
182	219	T-	0.	0.	0.
182	193	W	2.7988	0.5336	0.1706
182	194	W	2.8294	0.7612	0.1339
182	220	W	2.3196	0.7452	0.1408
182	219	W	2.2932	0.5226	0.1775
182	193	Qm-1	3.8277	1.6889	-0.2389
182	194	Qm-1	3.7433	1.2651	-0.2938
182	220	Qm-1	4.505	1.544	-0.3011

Table 27: Element Forces - Area Shells, Part 2 of 3

Area	Joint	OutputCase	M11	M22	M12
			KN-mm/mm	KN-mm/mm	KN-mm/mm
182	219	Qm-1	4.5559	1.9714	-0.2462
182	193	Qm-2	0.084	0.2766	-0.1143
182	194	Qm-2	0.1194	0.2568	-0.1159
182	220	Qm-2	0.0521	0.2762	-0.1206
182	219	Qm-2	0.0628	0.2471	-0.119
183	194	DEAD	0.	0.	0.
183	195	DEAD	0.	0.	0.
183	221	DEAD	0.	0.	0.
183	220	DEAD	0.	0.	0.
183	194	G1	4.165E-08	-1.338E-08	-2.315E-08
183	195	G1	4.858E-08	-1.913E-08	-2.160E-08
183	221	G1	4.808E-08	-1.954E-08	-2.067E-08
183	220	G1	6.365E-08	-1.186E-08	-2.160E-08
183	194	G2	-0.7581	-0.2777	0.0352
183	195	G2	-0.764	-0.3362	0.0284
183	221	G2	-0.8418	-0.3362	0.0258
183	220	G2	-0.8365	-0.2764	0.0326
183	194	Qm	3.1338	1.8123	-0.2324
183	195	Qm	3.2237	2.0685	-0.3162
183	221	Qm	3.881	2.419	-0.332
183	220	Qm	3.7853	2.1262	-0.2481
183	194	Qs	-3.422E-09	-2.852E-09	-7.972E-10
183	195	Qs	-3.301E-09	-4.051E-09	-6.037E-10
183	221	Qs	-4.048E-09	-4.055E-09	-5.977E-10
183	220	Qs	-3.296E-09	-3.557E-09	-7.145E-10
183	194	T+	0.	0.	0.
183	195	T+	0.	0.	0.
183	221	T+	0.	0.	0.
183	220	T+	0.	0.	0.
183	194	T-	0.	0.	0.
183	195	T-	0.	0.	0.
183	221	T-	0.	0.	0.
183	220	T-	0.	0.	0.
183	194	W	2.8294	0.7612	0.0964
183	195	W	2.8577	1.0476	0.0648
183	221	W	2.3466	1.0106	0.0763
183	220	W	2.3196	0.7452	0.1078
183	194	Qm-1	3.7444	1.2704	-0.3474
183	195	Qm-1	3.7382	1.2696	-0.3906
183	221	Qm-1	4.5137	1.5103	-0.3926
183	220	Qm-1	4.5051	1.5447	-0.3493
183	194	Qm-2	0.1188	0.2541	-0.133
183	195	Qm-2	0.1054	0.2293	-0.1542
183	221	Qm-2	0.0461	0.2845	-0.1509
183	220	Qm-2	0.0519	0.2752	-0.1297
184	195	DEAD	0.	0.	0.
184	196	DEAD	0.	0.	0.
184	222	DEAD	0.	0.	0.
184	221	DEAD	0.	0.	0.
184	195	G1	4.696E-08	-2.503E-08	-2.196E-08
184	196	G1	3.990E-08	-2.292E-08	-2.461E-08
184	222	G1	5.437E-08	-1.994E-08	-2.267E-08
184	221	G1	4.899E-08	-1.791E-08	-2.248E-08
184	195	G2	-0.764	-0.3361	0.0213

Table 27: Element Forces - Area Shells, Part 2 of 3

Area	Joint	OutputCase	M11	M22	M12
			KN-mm/mm	KN-mm/mm	KN-mm/mm
184	196	G2	-0.7732	-0.3918	0.0153
184	222	G2	-0.85	-0.3941	0.0142
184	221	G2	-0.8418	-0.3362	0.0201
184	195	Qm	3.2237	2.0685	-0.415
184	196	Qm	3.2161	2.0468	-0.5009
184	222	Qm	3.8575	2.3683	-0.4974
184	221	Qm	3.881	2.419	-0.4115
184	195	Qs	-3.206E-09	-3.959E-09	-6.475E-10
184	196	Qs	-3.767E-09	-4.128E-09	-6.556E-10
184	222	Qs	-4.032E-09	-4.630E-09	-5.810E-10
184	221	Qs	-4.014E-09	-3.832E-09	-6.113E-10
184	195	T+	0.	0.	0.
184	196	T+	0.	0.	0.
184	222	T+	0.	0.	0.
184	221	T+	0.	0.	0.
184	195	T-	0.	0.	0.
184	196	T-	0.	0.	0.
184	222	T-	0.	0.	0.
184	221	T-	0.	0.	0.
184	195	W	2.8578	1.0479	0.0367
184	196	W	2.8851	1.3769	0.0163
184	222	W	2.3757	1.3074	0.0307
184	221	W	2.3466	1.0109	0.051
184	195	Qm-1	3.7382	1.2696	-0.4223
184	196	Qm-1	3.8605	1.5588	-0.4712
184	222	Qm-1	4.6001	1.8562	-0.4882
184	221	Qm-1	4.5137	1.5103	-0.4393
184	195	Qm-2	0.1054	0.2292	-0.1849
184	196	Qm-2	0.0914	0.2837	-0.206
184	222	Qm-2	0.0105	0.3015	-0.1927
184	221	Qm-2	0.0461	0.2845	-0.1716
185	196	DEAD	0.	0.	0.
185	197	DEAD	0.	0.	0.
185	223	DEAD	0.	0.	0.
185	222	DEAD	0.	0.	0.
185	196	G1	3.893E-08	-2.248E-08	-2.338E-08
185	197	G1	4.941E-08	-6.660E-09	-2.467E-08
185	223	G1	6.074E-08	3.589E-09	-2.658E-08
185	222	G1	5.287E-08	-2.129E-08	-2.467E-08
185	196	G2	-0.7732	-0.3917	0.0094
185	197	G2	-0.784	-0.445	0.0045
185	223	G2	-0.8602	-0.4497	0.0043
185	222	G2	-0.85	-0.3941	0.0093
185	196	Qm	3.2162	2.0474	-0.5877
185	197	Qm	3.1081	1.7192	-0.6521
185	223	Qm	3.7233	1.9581	-0.6324
185	222	Qm	3.8576	2.369	-0.568
185	196	Qs	-3.852E-09	-4.390E-09	-4.471E-10
185	197	Qs	-3.196E-09	-4.225E-09	-4.168E-10
185	223	Qs	-3.876E-09	-4.381E-09	-6.023E-10
185	222	Qs	-3.975E-09	-4.527E-09	-5.942E-10
185	196	T+	0.	0.	0.
185	197	T+	0.	0.	0.
185	223	T+	0.	0.	0.

Table 27: Element Forces - Area Shells, Part 2 of 3

Area	Joint	OutputCase	M11	M22	M12
			KN-mm/mm	KN-mm/mm	KN-mm/mm
185	222	T+	0.	0.	0.
185	196	T-	0.	0.	0.
185	197	T-	0.	0.	0.
185	223	T-	0.	0.	0.
185	222	T-	0.	0.	0.
185	196	W	2.8852	1.3774	0.0039
185	197	W	2.9202	1.7155	-0.0034
185	223	W	2.4122	1.6164	0.0087
185	222	W	2.3758	1.3078	0.0159
185	196	Qm-1	3.8594	1.5535	-0.5366
185	197	Qm-1	4.0627	2.2825	-0.6086
185	223	Qm-1	4.7456	2.611	-0.6195
185	222	Qm-1	4.5999	1.8554	-0.5475
185	196	Qm-2	0.092	0.2863	-0.2231
185	197	Qm-2	0.0274	0.3343	-0.2241
185	223	Qm-2	-0.0213	0.2966	-0.2022
185	222	Qm-2	0.0107	0.3025	-0.2013
186	197	DEAD	0.	0.	0.
186	198	DEAD	0.	0.	0.
186	224	DEAD	0.	0.	0.
186	223	DEAD	0.	0.	0.
186	197	G1	4.994E-08	-3.122E-09	-2.754E-08
186	198	G1	4.388E-08	-2.686E-08	-2.838E-08
186	224	G1	5.238E-08	-1.966E-08	-2.754E-08
186	223	G1	5.913E-08	-1.679E-09	-2.732E-08
186	197	G2	-0.784	-0.445	-2.157E-04
186	198	G2	-0.7952	-0.4965	-0.0044
186	224	G2	-0.8714	-0.5026	-0.004
186	223	G2	-0.8602	-0.4496	1.062E-04
186	197	Qm	3.1084	1.7205	-0.7023
186	198	Qm	2.9905	1.374	-0.7325
186	224	Qm	3.5684	1.5192	-0.7084
186	223	Qm	3.7235	1.959	-0.6781
186	197	Qs	-3.235E-09	-4.162E-09	-4.265E-10
186	198	Qs	-3.365E-09	-4.536E-09	-4.065E-10
186	224	Qs	-4.088E-09	-4.505E-09	-3.157E-10
186	223	Qs	-3.958E-09	-4.707E-09	-4.509E-10
186	197	T+	0.	0.	0.
186	198	T+	0.	0.	0.
186	224	T+	0.	0.	0.
186	223	T+	0.	0.	0.
186	197	T-	0.	0.	0.
186	198	T-	0.	0.	0.
186	224	T-	0.	0.	0.
186	223	T-	0.	0.	0.
186	197	W	2.9204	1.7163	-0.0012
186	198	W	2.9735	2.0304	2.677E-04
186	224	W	2.4608	1.919	0.0048
186	223	W	2.4122	1.6166	0.0033
186	197	Qm-1	4.0626	2.2822	-0.6993
186	198	Qm-1	3.9161	1.7274	-0.7689
186	224	Qm-1	4.5801	2.0024	-0.7523
186	223	Qm-1	4.7456	2.6108	-0.6827
186	197	Qm-2	0.0273	0.3342	-0.2059

Table 27: Element Forces - Area Shells, Part 2 of 3

Area	Joint	OutputCase	M11	M22	M12
			KN-mm/mm	KN-mm/mm	KN-mm/mm
186	198	Qm-2	0.0273	0.2572	-0.2015
186	224	Qm-2	-0.057	0.2468	-0.1993
186	223	Qm-2	-0.0212	0.2967	-0.2037
187	198	DEAD	0.	0.	0.
187	199	DEAD	0.	0.	0.
187	225	DEAD	0.	0.	0.
187	224	DEAD	0.	0.	0.
187	198	G1	4.476E-08	-2.195E-08	-2.949E-08
187	199	G1	3.676E-08	-3.926E-08	-2.984E-08
187	225	G1	5.070E-08	-3.267E-08	-2.949E-08
187	224	G1	4.980E-08	-2.304E-08	-2.913E-08
187	198	G2	-0.7952	-0.4965	-0.0084
187	199	G2	-0.806	-0.5457	-0.0122
187	225	G2	-0.8831	-0.5519	-0.0116
187	224	G2	-0.8714	-0.5025	-0.0078
187	198	Qm	2.9906	1.3745	-0.7426
187	199	Qm	2.9512	1.2974	-0.7437
187	225	Qm	3.4808	1.3787	-0.7263
187	224	Qm	3.5685	1.5198	-0.7252
187	198	Qs	-3.365E-09	-4.238E-09	-3.199E-10
187	199	Qs	-3.719E-09	-5.008E-09	-2.978E-10
187	225	Qs	-3.830E-09	-4.903E-09	-3.199E-10
187	224	Qs	-4.090E-09	-4.670E-09	-3.421E-10
187	198	T+	0.	0.	0.
187	199	T+	0.	0.	0.
187	225	T+	0.	0.	0.
187	224	T+	0.	0.	0.
187	198	T-	0.	0.	0.
187	199	T-	0.	0.	0.
187	225	T-	0.	0.	0.
187	224	T-	0.	0.	0.
187	198	W	2.9735	2.0302	0.0076
187	199	W	3.0469	2.3075	0.0085
187	225	W	2.5215	2.2068	0.0041
187	224	W	2.4608	1.9189	0.0032
187	198	Qm-1	3.917	1.7321	-0.8316
187	199	Qm-1	3.8405	1.6353	-0.8697
187	225	Qm-1	4.4626	1.8044	-0.8415
187	224	Qm-1	4.5802	2.003	-0.8034
187	198	Qm-2	0.0267	0.2544	-0.2074
187	199	Qm-2	-0.0302	0.161	-0.212
187	225	Qm-2	-0.0827	0.164	-0.2022
187	224	Qm-2	-0.0571	0.2462	-0.1975
188	199	DEAD	0.	0.	0.
188	200	DEAD	0.	0.	0.
188	226	DEAD	0.	0.	0.
188	225	DEAD	0.	0.	0.
188	199	G1	3.857E-08	-3.637E-08	-2.991E-08
188	200	G1	3.513E-08	-3.826E-08	-2.859E-08
188	226	G1	4.850E-08	-3.566E-08	-2.885E-08
188	225	G1	4.657E-08	-3.853E-08	-2.895E-08
188	199	G2	-0.806	-0.5458	-0.0163
188	200	G2	-0.8166	-0.5907	-0.0204
188	226	G2	-0.8951	-0.5962	-0.0194

Table 27: Element Forces - Area Shells, Part 2 of 3

Area	Joint	OutputCase	M11	M22	M12
			KN-mm/mm	KN-mm/mm	KN-mm/mm
188	225	G2	-0.8831	-0.5519	-0.0153
188	199	Qm	2.9511	1.2971	-0.7305
188	200	Qm	2.9795	1.4563	-0.7152
188	226	Qm	3.465	1.5044	-0.706
188	225	Qm	3.4808	1.3788	-0.7212
188	199	Qs	-3.745E-09	-4.714E-09	-2.478E-10
188	200	Qs	-3.715E-09	-5.002E-09	-2.257E-10
188	226	Qs	-3.892E-09	-4.983E-09	-2.257E-10
188	225	Qs	-3.859E-09	-5.190E-09	-2.478E-10
188	199	T+	0.	0.	0.
188	200	T+	0.	0.	0.
188	226	T+	0.	0.	0.
188	225	T+	0.	0.	0.
188	199	T-	0.	0.	0.
188	200	T-	0.	0.	0.
188	226	T-	0.	0.	0.
188	225	T-	0.	0.	0.
188	199	W	3.0467	2.3065	0.0082
188	200	W	3.1288	2.5607	3.162E-04
188	226	W	2.5872	2.485	-0.0083
188	225	W	2.5214	2.2064	-4.446E-04
188	199	Qm-1	3.8403	1.6341	-0.8878
188	200	Qm-1	3.8534	1.848	-0.898
188	226	Qm-1	4.4137	1.9623	-0.8751
188	225	Qm-1	4.4628	1.8055	-0.8649
188	199	Qm-2	-0.0297	0.1633	-0.2178
188	200	Qm-2	-0.0846	0.103	-0.2173
188	226	Qm-2	-0.1202	0.0821	-0.204
188	225	Qm-2	-0.0828	0.1638	-0.2045
189	200	DEAD	0.	0.	0.
189	201	DEAD	0.	0.	0.
189	227	DEAD	0.	0.	0.
189	226	DEAD	0.	0.	0.
189	200	G1	3.611E-08	-4.004E-08	-2.957E-08
189	201	G1	3.220E-08	-3.442E-08	-2.996E-08
189	227	G1	4.165E-08	-3.680E-08	-2.674E-08
189	226	G1	4.763E-08	-3.389E-08	-2.819E-08
189	200	G2	-0.8166	-0.5908	-0.025
189	201	G2	-0.8276	-0.6287	-0.0294
189	227	G2	-0.9076	-0.6336	-0.0277
189	226	G2	-0.8951	-0.5963	-0.0233
189	200	Qm	2.9794	1.4561	-0.6924
189	201	Qm	3.0686	1.855	-0.6703
189	227	Qm	3.5168	1.8875	-0.667
189	226	Qm	3.465	1.5042	-0.6891
189	200	Qs	-3.759E-09	-5.017E-09	-2.393E-10
189	201	Qs	-4.123E-09	-5.445E-09	-2.030E-10
189	227	Qs	-4.025E-09	-5.416E-09	-1.063E-10
189	226	Qs	-3.863E-09	-5.074E-09	-1.809E-10
189	200	T+	0.	0.	0.
189	201	T+	0.	0.	0.
189	227	T+	0.	0.	0.
189	226	T+	0.	0.	0.
189	200	T-	0.	0.	0.

Table 27: Element Forces - Area Shells, Part 2 of 3

Area	Joint	OutputCase	M11	M22	M12
			KN-mm/mm	KN-mm/mm	KN-mm/mm
189	201	T-	0.	0.	0.
189	227	T-	0.	0.	0.
189	226	T-	0.	0.	0.
189	200	W	3.1286	2.5599	-0.0151
189	201	W	3.1998	2.8224	-0.0333
189	227	W	2.6473	2.7664	-0.038
189	226	W	2.5871	2.4845	-0.0198
189	200	Qm-1	3.8533	1.8475	-0.8986
189	201	Qm-1	3.9284	2.3638	-0.8938
189	227	Qm-1	4.4372	2.4399	-0.8729
189	226	Qm-1	4.4137	1.9622	-0.8777
189	200	Qm-2	-0.0846	0.1031	-0.2106
189	201	Qm-2	-0.1257	0.0394	-0.2022
189	227	Qm-2	-0.1571	0.0061	-0.1917
189	226	Qm-2	-0.1201	0.0825	-0.2001
190	201	DEAD	0.	0.	0.
190	202	DEAD	0.	0.	0.
190	228	DEAD	0.	0.	0.
190	227	DEAD	0.	0.	0.
190	201	G1	3.161E-08	-3.358E-08	-2.654E-08
190	202	G1	2.512E-08	-6.901E-08	-2.560E-08
190	228	G1	3.520E-08	-6.670E-08	-2.547E-08
190	227	G1	4.268E-08	-3.549E-08	-2.702E-08
190	201	G2	-0.8276	-0.6288	-0.0346
190	202	G2	-0.8395	-0.6572	-0.0392
190	228	G2	-0.9205	-0.6622	-0.0364
190	227	G2	-0.9076	-0.6336	-0.0318
190	201	Qm	3.0685	1.8548	-0.6449
190	202	Qm	3.1743	2.3037	-0.6214
190	228	Qm	3.592	2.3315	-0.6219
190	227	Qm	3.5168	1.8874	-0.6454
190	201	Qs	-4.149E-09	-5.478E-09	-1.327E-10
190	202	Qs	-3.788E-09	-5.167E-09	-1.046E-10
190	228	Qs	-4.075E-09	-5.503E-09	-1.105E-10
190	227	Qs	-3.985E-09	-5.287E-09	-2.154E-10
190	201	T+	0.	0.	0.
190	202	T+	0.	0.	0.
190	228	T+	0.	0.	0.
190	227	T+	0.	0.	0.
190	201	T-	0.	0.	0.
190	202	T-	0.	0.	0.
190	228	T-	0.	0.	0.
190	227	T-	0.	0.	0.
190	201	W	3.1997	2.8221	-0.0602
190	202	W	3.2452	3.1168	-0.0828
190	228	W	2.6943	3.0601	-0.0775
190	227	W	2.6473	2.7662	-0.055
190	201	Qm-1	3.9284	2.3637	-0.8833
190	202	Qm-1	3.5789	0.7837	-0.8675
190	228	Qm-1	4.0474	0.8272	-0.8465
190	227	Qm-1	4.4371	2.4399	-0.8623
190	201	Qm-2	-0.1257	0.0393	-0.1893
190	202	Qm-2	-0.1539	-0.0346	-0.1782
190	228	Qm-2	-0.1886	-0.0683	-0.1719

Table 27: Element Forces - Area Shells, Part 2 of 3

Area	Joint	OutputCase	M11	M22	M12
			KN-mm/mm	KN-mm/mm	KN-mm/mm
190	227	Qm-2	-0.1571	0.0062	-0.1831
191	202	DEAD	0.	0.	0.
191	203	DEAD	0.	0.	0.
191	229	DEAD	0.	0.	0.
191	228	DEAD	0.	0.	0.
191	202	G1	2.669E-08	-6.566E-08	-2.484E-08
191	203	G1	1.468E-08	-9.448E-08	-2.368E-08
191	229	G1	2.903E-08	-9.434E-08	-2.164E-08
191	228	G1	3.290E-08	-6.935E-08	-2.403E-08
191	202	G2	-0.8395	-0.6572	-0.0444
191	203	G2	-0.8521	-0.6747	-0.0489
191	229	G2	-0.9336	-0.6805	-0.0451
191	228	G2	-0.9205	-0.6622	-0.0406
191	202	Qm	3.1743	2.3036	-0.5975
191	203	Qm	3.2541	2.6151	-0.5755
191	229	Qm	3.6471	2.6436	-0.5776
191	228	Qm	3.5919	2.3313	-0.5996
191	202	Qs	-3.810E-09	-5.206E-09	-7.654E-12
191	203	Qs	-3.945E-09	-5.065E-09	-4.822E-11
191	229	Qs	-3.854E-09	-4.896E-09	5.884E-11
191	228	Qs	-4.031E-09	-5.560E-09	-9.255E-11
191	202	T+	0.	0.	0.
191	203	T+	0.	0.	0.
191	229	T+	0.	0.	0.
191	228	T+	0.	0.	0.
191	202	T-	0.	0.	0.
191	203	T-	0.	0.	0.
191	229	T-	0.	0.	0.
191	228	T-	0.	0.	0.
191	202	W	3.2452	3.1172	-0.109
191	203	W	3.2651	3.4405	-0.1262
191	229	W	2.7283	3.3623	-0.1113
191	228	W	2.6943	3.0604	-0.0942
191	202	Qm-1	3.579	0.7838	-0.8465
191	203	Qm-1	3.2853	-0.4959	-0.8206
191	229	Qm-1	3.7234	-0.4823	-0.7998
191	228	Qm-1	4.0474	0.8272	-0.8257
191	202	Qm-2	-0.154	-0.0348	-0.1658
191	203	Qm-2	-0.1733	-0.1139	-0.1567
191	229	Qm-2	-0.2142	-0.1391	-0.1536
191	228	Qm-2	-0.1886	-0.0683	-0.1627
192	203	DEAD	0.	0.	0.
192	204	DEAD	0.	0.	0.
192	230	DEAD	0.	0.	0.
192	229	DEAD	0.	0.	0.
192	203	G1	1.406E-08	-9.579E-08	-2.195E-08
192	204	G1	1.355E-08	-1.089E-07	-2.150E-08
192	230	G1	1.770E-08	-1.127E-07	-1.982E-08
192	229	G1	2.920E-08	-9.448E-08	-2.150E-08
192	203	G2	-0.8521	-0.6747	-0.0537
192	204	G2	-0.8642	-0.6809	-0.0579
192	230	G2	-0.9463	-0.6878	-0.0532
192	229	G2	-0.9336	-0.6805	-0.0491
192	203	Qm	3.2541	2.615	-0.5546

Table 27: Element Forces - Area Shells, Part 2 of 3

Area	Joint	OutputCase	M11	M22	M12
			KN-mm/mm	KN-mm/mm	KN-mm/mm
192	204	Qm	3.3066	2.8012	-0.5352
192	230	Qm	3.6799	2.8326	-0.5373
192	229	Qm	3.6471	2.6435	-0.5568
192	203	Qs	-3.953E-09	-5.106E-09	-4.684E-12
192	204	Qs	-3.963E-09	-4.693E-09	3.965E-11
192	230	Qs	-3.712E-09	-4.965E-09	1.748E-11
192	229	Qs	-3.813E-09	-5.009E-09	-2.685E-11
192	203	T+	0.	0.	0.
192	204	T+	0.	0.	0.
192	230	T+	0.	0.	0.
192	229	T+	0.	0.	0.
192	203	T-	0.	0.	0.
192	204	T-	0.	0.	0.
192	230	T-	0.	0.	0.
192	229	T-	0.	0.	0.
192	203	W	3.2653	3.4413	-0.1393
192	204	W	3.2749	3.7618	-0.1449
192	230	W	2.758	3.6563	-0.1275
192	229	W	2.7284	3.3629	-0.1219
192	203	Qm-1	3.2854	-0.4956	-0.7887
192	204	Qm-1	3.0522	-1.4827	-0.7534
192	230	Qm-1	3.4672	-1.4953	-0.7348
192	229	Qm-1	3.7234	-0.4822	-0.7701
192	203	Qm-2	-0.1734	-0.1142	-0.1493
192	204	Qm-2	-0.1891	-0.1867	-0.1447
192	230	Qm-2	-0.2359	-0.201	-0.1425
192	229	Qm-2	-0.2142	-0.1393	-0.1471
193	204	DEAD	0.	0.	0.
193	205	DEAD	0.	0.	0.
193	231	DEAD	0.	0.	0.
193	230	DEAD	0.	0.	0.
193	204	G1	1.276E-08	-1.094E-07	-1.927E-08
193	205	G1	1.081E-08	-1.215E-07	-1.882E-08
193	231	G1	1.729E-08	-1.230E-07	-1.820E-08
193	230	G1	2.047E-08	-1.104E-07	-1.988E-08
193	204	G2	-0.8642	-0.6809	-0.062
193	205	G2	-0.8748	-0.6759	-0.0659
193	231	G2	-0.9577	-0.6833	-0.0609
193	230	G2	-0.9463	-0.6878	-0.057
193	204	Qm	3.3066	2.8011	-0.5176
193	205	Qm	3.3317	2.8724	-0.5008
193	231	Qm	3.6894	2.9067	-0.502
193	230	Qm	3.6799	2.8325	-0.5187
193	204	Qs	-3.893E-09	-4.861E-09	3.839E-11
193	205	Qs	-3.866E-09	-4.730E-09	3.839E-11
193	231	Qs	-3.755E-09	-4.700E-09	3.839E-11
193	230	Qs	-3.691E-09	-4.721E-09	3.839E-11
193	204	T+	0.	0.	0.
193	205	T+	0.	0.	0.
193	231	T+	0.	0.	0.
193	230	T+	0.	0.	0.
193	204	T-	0.	0.	0.
193	205	T-	0.	0.	0.
193	231	T-	0.	0.	0.

Table 27: Element Forces - Area Shells, Part 2 of 3

Area	Joint	OutputCase	M11	M22	M12
			KN-mm/mm	KN-mm/mm	KN-mm/mm
193	230	T-	0.	0.	0.
193	204	W	3.2751	3.7629	-0.141
193	205	W	3.295	4.042	-0.136
193	231	W	2.7955	3.9211	-0.1253
193	230	W	2.7581	3.6568	-0.1303
193	204	Qm-1	3.0523	-1.4825	-0.7113
193	205	Qm-1	2.8858	-2.1857	-0.6681
193	231	Qm-1	3.2824	-2.218	-0.6544
193	230	Qm-1	3.4672	-1.4951	-0.6975
193	204	Qm-2	-0.1892	-0.1868	-0.1431
193	205	Qm-2	-0.2049	-0.2418	-0.143
193	231	Qm-2	-0.2561	-0.2476	-0.1397
193	230	Qm-2	-0.2359	-0.2011	-0.1398
194	205	DEAD	0.	0.	0.
194	206	DEAD	0.	0.	0.
194	232	DEAD	0.	0.	0.
194	231	DEAD	0.	0.	0.
194	205	G1	1.066E-08	-1.240E-07	-1.693E-08
194	206	G1	9.256E-09	-1.301E-07	-1.503E-08
194	232	G1	1.217E-08	-1.292E-07	-1.480E-08
194	231	G1	1.741E-08	-1.297E-07	-1.609E-08
194	205	G2	-0.8748	-0.6759	-0.0698
194	206	G2	-0.8829	-0.6588	-0.0737
194	232	G2	-0.9672	-0.666	-0.0687
194	231	G2	-0.9577	-0.6833	-0.0647
194	205	Qm	3.3317	2.8724	-0.486
194	206	Qm	3.3301	2.8374	-0.4714
194	232	Qm	3.6751	2.8734	-0.4709
194	231	Qm	3.6894	2.9067	-0.4856
194	205	Qs	-3.827E-09	-4.848E-09	7.507E-11
194	206	Qs	-3.603E-09	-4.470E-09	8.318E-11
194	232	Qs	-3.849E-09	-4.427E-09	5.290E-11
194	231	Qs	-3.775E-09	-4.930E-09	8.318E-11
194	205	T+	0.	0.	0.
194	206	T+	0.	0.	0.
194	232	T+	0.	0.	0.
194	231	T+	0.	0.	0.
194	205	T-	0.	0.	0.
194	206	T-	0.	0.	0.
194	232	T-	0.	0.	0.
194	231	T-	0.	0.	0.
194	205	W	3.295	4.0423	-0.1215
194	206	W	3.3382	4.2599	-0.1133
194	232	W	2.8513	4.1438	-0.1155
194	231	W	2.7956	3.9215	-0.1238
194	205	Qm-1	2.8858	-2.1855	-0.6184
194	206	Qm-1	2.7911	-2.6109	-0.5702
194	232	Qm-1	3.1725	-2.6544	-0.5635
194	231	Qm-1	3.2824	-2.2178	-0.6117
194	205	Qm-2	-0.2049	-0.2418	-0.1456
194	206	Qm-2	-0.2209	-0.2738	-0.1486
194	232	Qm-2	-0.2762	-0.2748	-0.1435
194	231	Qm-2	-0.2561	-0.2477	-0.1405
195	206	DEAD	0.	0.	0.

Table 27: Element Forces - Area Shells, Part 2 of 3

Area	Joint	OutputCase	M11	M22	M12
			KN-mm/mm	KN-mm/mm	KN-mm/mm
195	207	DEAD	0.	0.	0.
195	233	DEAD	0.	0.	0.
195	232	DEAD	0.	0.	0.
195	206	G1	1.120E-08	-1.257E-07	-1.253E-08
195	207	G1	1.145E-08	-1.241E-07	-1.066E-08
195	233	G1	1.647E-08	-1.248E-07	-1.040E-08
195	232	G1	1.069E-08	-1.374E-07	-1.350E-08
195	206	G2	-0.8829	-0.6588	-0.0778
195	207	G2	-0.8882	-0.6279	-0.082
195	233	G2	-0.974	-0.6345	-0.0769
195	232	G2	-0.9672	-0.666	-0.0727
195	206	Qm	3.3301	2.8374	-0.4584
195	207	Qm	3.3029	2.7026	-0.4451
195	233	Qm	3.6376	2.7386	-0.4429
195	232	Qm	3.6751	2.8734	-0.4562
195	206	Qs	-3.521E-09	-4.171E-09	1.220E-10
195	207	Qs	-3.482E-09	-4.204E-09	2.107E-10
195	233	Qs	-3.845E-09	-4.328E-09	2.107E-10
195	232	Qs	-3.856E-09	-4.612E-09	1.220E-10
195	206	T+	0.	0.	0.
195	207	T+	0.	0.	0.
195	233	T+	0.	0.	0.
195	232	T+	0.	0.	0.
195	206	T-	0.	0.	0.
195	207	T-	0.	0.	0.
195	233	T-	0.	0.	0.
195	232	T-	0.	0.	0.
195	206	W	3.3381	4.2594	-0.0989
195	207	W	3.4057	4.4235	-0.0946
195	233	W	2.9323	4.326	-0.1111
195	232	W	2.8513	4.1441	-0.1155
195	206	Qm-1	2.7911	-2.6108	-0.5164
195	207	Qm-1	2.7716	-2.7595	-0.4665
195	233	Qm-1	3.1401	-2.8051	-0.4682
195	232	Qm-1	3.1725	-2.6544	-0.518
195	206	Qm-2	-0.2209	-0.2738	-0.1537
195	207	Qm-2	-0.2368	-0.2812	-0.1583
195	233	Qm-2	-0.297	-0.2808	-0.1513
195	232	Qm-2	-0.2762	-0.2748	-0.1466
196	207	DEAD	0.	0.	0.
196	208	DEAD	0.	0.	0.
196	234	DEAD	0.	0.	0.
196	233	DEAD	0.	0.	0.
196	207	G1	1.196E-08	-1.284E-07	-9.466E-09
196	208	G1	1.298E-08	-1.183E-07	-8.532E-09
196	234	G1	2.078E-08	-1.194E-07	-8.757E-09
196	233	G1	1.515E-08	-1.287E-07	-1.031E-08
196	207	G2	-0.8882	-0.6279	-0.0864
196	208	G2	-0.8907	-0.5804	-0.0908
196	234	G2	-0.9773	-0.5871	-0.0857
196	233	G2	-0.974	-0.6344	-0.0813
196	207	Qm	3.3029	2.7026	-0.433
196	208	Qm	3.2517	2.4731	-0.4201
196	234	Qm	3.5777	2.5071	-0.4161

Table 27: Element Forces - Area Shells, Part 2 of 3

Area	Joint	OutputCase	M11	M22	M12
			KN-mm/mm	KN-mm/mm	KN-mm/mm
196	233	Qm	3.6376	2.7386	-0.4291
196	207	Qs	-3.459E-09	-4.322E-09	2.013E-10
196	208	Qs	-3.480E-09	-3.918E-09	2.013E-10
196	234	Qs	-3.348E-09	-3.835E-09	1.570E-10
196	233	Qs	-3.821E-09	-4.292E-09	1.570E-10
196	207	T+	0.	0.	0.
196	208	T+	0.	0.	0.
196	234	T+	0.	0.	0.
196	233	T+	0.	0.	0.
196	207	T-	0.	0.	0.
196	208	T-	0.	0.	0.
196	234	T-	0.	0.	0.
196	233	T-	0.	0.	0.
196	207	W	3.4057	4.4233	-0.0867
196	208	W	3.4924	4.5647	-0.0877
196	234	W	3.048	4.4831	-0.1175
196	233	W	2.9323	4.3262	-0.1165
196	207	Qm-1	2.7716	-2.7595	-0.4128
196	208	Qm-1	2.829	-2.6271	-0.3648
196	234	Qm-1	3.1863	-2.6664	-0.3751
196	233	Qm-1	3.1401	-2.8052	-0.4231
196	207	Qm-2	-0.2368	-0.2812	-0.1644
196	208	Qm-2	-0.2527	-0.2643	-0.1694
196	234	Qm-2	-0.3187	-0.2661	-0.1603
196	233	Qm-2	-0.297	-0.2808	-0.1553
197	208	DEAD	0.	0.	0.
197	209	DEAD	0.	0.	0.
197	235	DEAD	0.	0.	0.
197	234	DEAD	0.	0.	0.
197	208	G1	1.442E-08	-1.140E-07	-5.666E-09
197	209	G1	2.260E-08	-1.046E-07	-5.795E-09
197	235	G1	2.656E-08	-1.001E-07	-7.439E-09
197	234	G1	1.999E-08	-1.198E-07	-7.923E-09
197	208	G2	-0.8907	-0.5803	-0.095
197	209	G2	-0.8895	-0.514	-0.099
197	235	G2	-0.975	-0.5223	-0.0943
197	234	G2	-0.9773	-0.587	-0.0902
197	208	Qm	3.2517	2.4731	-0.4076
197	209	Qm	3.1778	2.1524	-0.3941
197	235	Qm	3.4969	2.1822	-0.3887
197	234	Qm	3.5777	2.5071	-0.4023
197	208	Qs	-3.419E-09	-3.539E-09	1.885E-10
197	209	Qs	-3.410E-09	-3.632E-09	1.885E-10
197	235	Qs	-3.059E-09	-3.400E-09	1.442E-10
197	234	Qs	-3.327E-09	-3.682E-09	1.442E-10
197	208	T+	0.	0.	0.
197	209	T+	0.	0.	0.
197	235	T+	0.	0.	0.
197	234	T+	0.	0.	0.
197	208	T-	0.	0.	0.
197	209	T-	0.	0.	0.
197	235	T-	0.	0.	0.
197	234	T-	0.	0.	0.
197	208	W	3.4923	4.5645	-0.0821

Table 27: Element Forces - Area Shells, Part 2 of 3

Area	Joint	OutputCase	M11	M22	M12
			KN-mm/mm	KN-mm/mm	KN-mm/mm
197	209	W	3.6066	4.7269	-0.0823
197	235	W	3.218	4.6417	-0.1282
197	234	W	3.0482	4.4842	-0.1279
197	208	Qm-1	2.829	-2.6272	-0.315
197	209	Qm-1	2.9631	-2.2039	-0.2719
197	235	Qm-1	3.3106	-2.2303	-0.29
197	234	Qm-1	3.1862	-2.6665	-0.3331
197	208	Qm-2	-0.2527	-0.2644	-0.1751
197	209	Qm-2	-0.2695	-0.2254	-0.1789
197	235	Qm-2	-0.3414	-0.2333	-0.1676
197	234	Qm-2	-0.3186	-0.266	-0.1639
198	209	DEAD	0.	0.	0.
198	210	DEAD	0.	0.	0.
198	236	DEAD	0.	0.	0.
198	235	DEAD	0.	0.	0.
198	209	G1	2.335E-08	-9.623E-08	-4.587E-09
198	210	G1	3.334E-08	-7.514E-08	-4.007E-09
198	236	G1	3.741E-08	-7.172E-08	-5.651E-09
198	235	G1	2.642E-08	-1.033E-07	-6.845E-09
198	209	G2	-0.8895	-0.5139	-0.1018
198	210	G2	-0.8821	-0.4273	-0.1047
198	236	G2	-0.963	-0.4386	-0.1016
198	235	G2	-0.975	-0.5221	-0.0988
198	209	Qm	3.1778	2.1524	-0.3802
198	210	Qm	3.0831	1.7422	-0.365
198	236	Qm	3.397	1.766	-0.3589
198	235	Qm	3.4969	2.1822	-0.3741
198	209	Qs	-3.378E-09	-3.388E-09	1.974E-10
198	210	Qs	-2.585E-09	-2.661E-09	1.834E-10
198	236	Qs	-2.749E-09	-2.637E-09	2.011E-11
198	235	Qs	-3.028E-09	-3.215E-09	7.256E-11
198	209	T+	0.	0.	0.
198	210	T+	0.	0.	0.
198	236	T+	0.	0.	0.
198	235	T+	0.	0.	0.
198	209	T-	0.	0.	0.
198	210	T-	0.	0.	0.
198	236	T-	0.	0.	0.
198	235	T-	0.	0.	0.
198	209	W	3.607	4.7292	-0.068
198	210	W	3.7409	4.9431	-0.064
198	236	W	3.5043	4.8866	-0.1324
198	235	W	3.218	4.6414	-0.1364
198	209	Qm-1	2.9631	-2.2041	-0.2291
198	210	Qm-1	3.172	-1.4753	-0.1928
198	236	Qm-1	3.5115	-1.4858	-0.2168
198	235	Qm-1	3.3106	-2.2305	-0.2531
198	209	Qm-2	-0.2695	-0.2253	-0.1822
198	210	Qm-2	-0.2877	-0.1705	-0.1832
198	236	Qm-2	-0.3643	-0.1875	-0.1705
198	235	Qm-2	-0.3413	-0.2332	-0.1695
199	210	DEAD	0.	0.	0.
199	211	DEAD	0.	0.	0.
199	237	DEAD	0.	0.	0.

Table 27: Element Forces - Area Shells, Part 2 of 3

Area	Joint	OutputCase	M11	M22	M12
			KN-mm/mm	KN-mm/mm	KN-mm/mm
199	236	DEAD	0.	0.	0.
199	210	G1	3.393E-08	-7.185E-08	-3.126E-09
199	211	G1	4.212E-08	-4.111E-08	-2.677E-09
199	237	G1	5.038E-08	-3.856E-08	-3.836E-09
199	236	G1	3.627E-08	-7.675E-08	-5.514E-09
199	210	G2	-0.882	-0.4271	-0.1046
199	211	G2	-0.8629	-0.3179	-0.1056
199	237	G2	-0.9338	-0.3326	-0.1067
199	236	G2	-0.963	-0.4383	-0.1057
199	210	Qm	3.0831	1.7423	-0.3486
199	211	Qm	2.9701	1.2429	-0.3309
199	237	Qm	3.2806	1.2594	-0.325
199	236	Qm	3.3971	1.7661	-0.3427
199	210	Qs	-2.623E-09	-2.571E-09	1.344E-10
199	211	Qs	-2.301E-09	-1.976E-09	1.484E-10
199	237	Qs	-2.579E-09	-2.017E-09	1.344E-10
199	236	Qs	-2.700E-09	-2.641E-09	8.193E-11
199	210	T+	0.	0.	0.
199	211	T+	0.	0.	0.
199	237	T+	0.	0.	0.
199	236	T+	0.	0.	0.
199	210	T-	0.	0.	0.
199	211	T-	0.	0.	0.
199	237	T-	0.	0.	0.
199	236	T-	0.	0.	0.
199	210	W	3.7409	4.9429	-0.0306
199	211	W	4.1433	5.4631	-0.0044
199	237	W	3.8685	5.2865	-0.1258
199	236	W	3.5053	4.8917	-0.152
199	210	Qm-1	3.172	-1.4756	-0.1583
199	211	Qm-1	3.4526	-0.4237	-0.1288
199	237	Qm-1	3.7867	-0.4201	-0.1564
199	236	Qm-1	3.5115	-1.486	-0.1859
199	210	Qm-2	-0.2877	-0.1703	-0.1825
199	211	Qm-2	-0.3048	-0.111	-0.1803
199	237	Qm-2	-0.3859	-0.1362	-0.1676
199	236	Qm-2	-0.3643	-0.1874	-0.1698
200	211	DEAD	0.	0.	0.
200	212	DEAD	0.	0.	0.
200	238	DEAD	0.	0.	0.
200	237	DEAD	0.	0.	0.
200	211	G1	4.236E-08	-3.810E-08	-1.965E-09
200	212	G1	6.163E-08	1.058E-08	6.471E-10
200	238	G1	5.544E-08	4.950E-09	-9.013E-10
200	237	G1	4.953E-08	-4.142E-08	-2.899E-09
200	211	G2	-0.8633	-0.32	-0.1005
200	212	G2	-0.8353	-0.1614	-0.0928
200	238	G2	-0.8568	-0.2071	-0.1029
200	237	G2	-0.9332	-0.3294	-0.1106
200	211	Qm	2.9701	1.243	-0.3112
200	212	Qm	2.8418	0.6533	-0.2908
200	238	Qm	3.1503	0.6627	-0.2863
200	237	Qm	3.2806	1.2595	-0.3067
200	211	Qs	-2.325E-09	-1.857E-09	1.139E-10

Table 27: Element Forces - Area Shells, Part 2 of 3

Area	Joint	OutputCase	M11	M22	M12
			KN-mm/mm	KN-mm/mm	KN-mm/mm
200	212	Qs	-1.592E-09	-4.954E-10	2.853E-10
200	238	Qs	-2.469E-09	-1.114E-09	1.804E-10
200	237	Qs	-2.603E-09	-1.895E-09	8.582E-11
200	211	T+	0.	0.	0.
200	212	T+	0.	0.	0.
200	238	T+	0.	0.	0.
200	237	T+	0.	0.	0.
200	211	T-	0.	0.	0.
200	212	T-	0.	0.	0.
200	238	T-	0.	0.	0.
200	237	T-	0.	0.	0.
200	211	W	4.0822	5.1573	0.1156
200	212	W	2.2767	8.2142	0.872
200	238	W	7.2228	5.0785	0.6681
200	237	W	3.9357	5.6221	-0.0884
200	211	Qm-1	3.4526	-0.4238	-0.1015
200	212	Qm-1	3.8022	0.9674	-0.0767
200	238	Qm-1	4.1349	0.9785	-0.1059
200	237	Qm-1	3.7867	-0.4202	-0.1306
200	211	Qm-2	-0.3048	-0.1108	-0.1758
200	212	Qm-2	-0.3174	-0.0595	-0.1719
200	238	Qm-2	-0.4045	-0.0863	-0.1612
200	237	Qm-2	-0.3858	-0.1361	-0.165
201	212	DEAD	0.	0.	0.
201	213	DEAD	0.	0.	0.
201	239	DEAD	0.	0.	0.
201	238	DEAD	0.	0.	0.
201	212	G1	6.151E-08	7.559E-09	1.665E-09
201	213	G1	5.503E-08	-6.006E-09	1.536E-09
201	239	G1	5.805E-08	-4.411E-09	2.020E-09
201	238	G1	5.569E-08	3.703E-09	1.536E-09
201	212	G2	-0.8347	-0.1586	-0.0788
201	213	G2	-0.8713	-0.0113	-0.0953
201	239	G2	-0.6424	0.1651	-0.1107
201	238	G2	-0.8582	-0.2144	-0.0942
201	212	Qm	2.8418	0.6534	-0.2676
201	213	Qm	2.7414	0.1724	-0.2446
201	239	Qm	3.049	0.176	-0.2429
201	238	Qm	3.1503	0.6627	-0.2659
201	212	Qs	-1.682E-09	-8.310E-10	3.025E-10
201	213	Qs	-1.970E-09	-6.253E-10	2.803E-10
201	239	Qs	-2.172E-09	-6.231E-10	3.246E-10
201	238	Qs	-2.488E-09	-1.088E-09	3.468E-10
201	212	T+	0.	0.	0.
201	213	T+	0.	0.	0.
201	239	T+	0.	0.	0.
201	238	T+	0.	0.	0.
201	212	T-	0.	0.	0.
201	213	T-	0.	0.	0.
201	239	T-	0.	0.	0.
201	238	T-	0.	0.	0.
201	212	W	2.675	10.2052	1.0426
201	213	W	0.7465	-5.0853	-5.6888
201	239	W	7.5098	37.3659	-4.6387

Table 27: Element Forces - Area Shells, Part 2 of 3

Area	Joint	OutputCase	M11	M22	M12
			KN-mm/mm	KN-mm/mm	KN-mm/mm
201	238	W	6.6495	2.2123	2.0927
201	212	Qm-1	3.8022	0.9675	-0.0528
201	213	Qm-1	3.7413	0.3084	-0.0292
201	239	Qm-1	4.0763	0.3178	-0.0593
201	238	Qm-1	4.1349	0.9785	-0.0829
201	212	Qm-2	-0.3174	-0.0595	-0.1671
201	213	Qm-2	-0.325	-0.0236	-0.1653
201	239	Qm-2	-0.4199	-0.0416	-0.1571
201	238	Qm-2	-0.4045	-0.0864	-0.1589
202	213	DEAD	0.	0.	0.
202	214	DEAD	0.	0.	0.
202	240	DEAD	0.	0.	0.
202	239	DEAD	0.	0.	0.
202	213	G1	5.707E-08	7.626E-10	4.627E-09
202	214	G1	6.048E-08	1.091E-09	5.302E-09
202	240	G1	6.465E-08	3.636E-10	3.563E-09
202	239	G1	5.702E-08	-4.495E-09	1.046E-09
202	213	G2	-0.8709	-0.0094	-0.1501
202	214	G2	-0.8023	0.0041	-0.1736
202	240	G2	-0.7875	-0.0063	-0.1643
202	239	G2	-0.6428	0.1627	-0.1407
202	213	Qm	2.7414	0.1725	-0.2186
202	214	Qm	2.7115	3.296E-04	-0.1937
202	240	Qm	3.0197	3.820E-04	-0.1959
202	239	Qm	3.049	0.176	-0.2208
202	213	Qs	-1.833E-09	-2.247E-10	4.189E-10
202	214	Qs	-1.603E-09	-1.022E-10	4.248E-10
202	240	Qs	-1.955E-09	9.671E-11	3.746E-10
202	239	Qs	-2.224E-09	-6.785E-10	2.918E-10
202	213	T+	0.	0.	0.
202	214	T+	0.	0.	0.
202	240	T+	0.	0.	0.
202	239	T+	0.	0.	0.
202	213	T-	0.	0.	0.
202	214	T-	0.	0.	0.
202	240	T-	0.	0.	0.
202	239	T-	0.	0.	0.
202	213	W	3.8871	10.6177	-6.3026
202	214	W	2.39	-1.8024	0.3204
202	240	W	-7.1539	2.5655	1.7197
202	239	W	-5.8424	-29.3949	-4.9033
202	213	Qm-1	3.7414	0.3087	-0.0036
202	214	Qm-1	3.7541	2.047E-04	0.0226
202	240	Qm-1	4.095	4.418E-04	-0.01
202	239	Qm-1	4.0763	0.3179	-0.0362
202	213	Qm-2	-0.3251	-0.0239	-0.1656
202	214	Qm-2	-0.3302	1.171E-04	-0.1701
202	240	Qm-2	-0.4363	-2.187E-04	-0.1629
202	239	Qm-2	-0.4199	-0.0418	-0.1584
203	215	DEAD	0.	0.	0.
203	216	DEAD	0.	0.	0.
203	242	DEAD	0.	0.	0.
203	241	DEAD	0.	0.	0.
203	215	G1	5.896E-08	8.168E-10	-1.794E-08

Table 27: Element Forces - Area Shells, Part 2 of 3

Area	Joint	OutputCase	M11	M22	M12
			KN-mm/mm	KN-mm/mm	KN-mm/mm
203	216	G1	5.479E-08	-9.961E-09	-1.736E-08
203	242	G1	7.088E-08	-7.651E-09	-1.687E-08
203	241	G1	7.336E-08	2.053E-09	-1.807E-08
203	215	G2	-0.8675	-1.014E-04	0.086
203	216	G2	-0.8532	-0.0457	0.0808
203	242	G2	-0.9158	-0.0459	0.071
203	241	G2	-0.9302	-1.086E-04	0.0762
203	215	Qm	3.0137	5.597E-04	-0.2287
203	216	Qm	3.0624	0.0443	-0.1913
203	242	Qm	3.5559	0.062	-0.2071
203	241	Qm	3.5078	7.591E-04	-0.2445
203	215	Qs	-2.725E-09	1.563E-10	-6.254E-10
203	216	Qs	-2.828E-09	-7.052E-10	-5.951E-10
203	242	Qs	-3.005E-09	-5.114E-10	-6.032E-10
203	241	Qs	-2.839E-09	-2.910E-11	-5.951E-10
203	215	T+	0.	0.	0.
203	216	T+	0.	0.	0.
203	242	T+	0.	0.	0.
203	241	T+	0.	0.	0.
203	215	T-	0.	0.	0.
203	216	T-	0.	0.	0.
203	242	T-	0.	0.	0.
203	241	T-	0.	0.	0.
203	215	W	2.2822	4.483E-04	0.4797
203	216	W	2.2613	0.0864	0.437
203	242	W	1.7181	0.0727	0.4508
203	241	W	1.7314	1.167E-04	0.4934
203	215	Qm-1	3.8978	7.309E-04	-0.3095
203	216	Qm-1	3.9548	0.0709	-0.2652
203	242	Qm-1	4.5626	0.1023	-0.2803
203	241	Qm-1	4.5125	0.001	-0.3246
203	215	Qm-2	0.1049	-2.517E-04	-0.0798
203	216	Qm-2	0.0995	0.032	-0.0793
203	242	Qm-2	0.1281	0.0425	-0.0724
203	241	Qm-2	0.1409	-2.124E-04	-0.0729
204	216	DEAD	0.	0.	0.
204	217	DEAD	0.	0.	0.
204	243	DEAD	0.	0.	0.
204	242	DEAD	0.	0.	0.
204	216	G1	5.703E-08	-8.632E-09	-1.595E-08
204	217	G1	6.287E-08	-6.343E-09	-1.524E-08
204	243	G1	7.246E-08	-4.908E-09	-1.702E-08
204	242	G1	6.992E-08	-7.274E-09	-1.772E-08
204	216	G2	-0.8532	-0.0457	0.075
204	217	G2	-0.8431	-0.0981	0.0698
204	243	G2	-0.9058	-0.098	0.0613
204	242	G2	-0.9158	-0.0459	0.0665
204	216	Qm	3.0624	0.0445	-0.1539
204	217	Qm	3.1701	0.286	-0.1277
204	243	Qm	3.6688	0.341	-0.1519
204	242	Qm	3.5559	0.062	-0.1782
204	216	Qs	-2.786E-09	-6.876E-10	-6.433E-10
204	217	Qs	-2.848E-09	-1.302E-09	-6.655E-10
204	243	Qs	-3.093E-09	-1.294E-09	-6.876E-10

Table 27: Element Forces - Area Shells, Part 2 of 3

Area	Joint	OutputCase	M11	M22	M12
			KN-mm/mm	KN-mm/mm	KN-mm/mm
204	242	Qs	-3.117E-09	-6.510E-10	-6.655E-10
204	216	T+	0.	0.	0.
204	217	T+	0.	0.	0.
204	243	T+	0.	0.	0.
204	242	T+	0.	0.	0.
204	216	T-	0.	0.	0.
204	217	T-	0.	0.	0.
204	243	T-	0.	0.	0.
204	242	T-	0.	0.	0.
204	216	W	2.2613	0.0865	0.3991
204	217	W	2.2584	0.2008	0.3611
204	243	W	1.7175	0.1802	0.3711
204	242	W	1.7181	0.0727	0.4091
204	216	Qm-1	3.9548	0.071	-0.2231
204	217	Qm-1	4.088	0.3912	-0.1972
204	243	Qm-1	4.6914	0.4778	-0.2228
204	242	Qm-1	4.5625	0.1021	-0.2487
204	216	Qm-2	0.0994	0.0317	-0.0833
204	217	Qm-2	0.0913	0.0953	-0.0872
204	243	Qm-2	0.1098	0.1126	-0.0762
204	242	Qm-2	0.1281	0.0424	-0.0723
205	217	DEAD	0.	0.	0.
205	218	DEAD	0.	0.	0.
205	244	DEAD	0.	0.	0.
205	243	DEAD	0.	0.	0.
205	217	G1	6.075E-08	-9.354E-09	-1.631E-08
205	218	G1	6.229E-08	-2.631E-09	-1.702E-08
205	244	G1	7.414E-08	4.389E-09	-1.666E-08
205	243	G1	7.444E-08	-7.862E-09	-1.595E-08
205	217	G2	-0.8431	-0.0981	0.064
205	218	G2	-0.837	-0.1554	0.0586
205	244	G2	-0.8997	-0.155	0.0513
205	243	G2	-0.9058	-0.0981	0.0567
205	217	Qm	3.17	0.2858	-0.1059
205	218	Qm	3.3423	0.7439	-0.0991
205	244	Qm	3.8452	0.8571	-0.1312
205	243	Qm	3.6688	0.3407	-0.1379
205	217	Qs	-2.791E-09	-1.283E-09	-7.469E-10
205	218	Qs	-3.152E-09	-2.142E-09	-7.913E-10
205	244	Qs	-3.461E-09	-1.910E-09	-7.248E-10
205	243	Qs	-3.119E-09	-1.377E-09	-6.804E-10
205	217	T+	0.	0.	0.
205	218	T+	0.	0.	0.
205	244	T+	0.	0.	0.
205	243	T+	0.	0.	0.
205	217	T-	0.	0.	0.
205	218	T-	0.	0.	0.
205	244	T-	0.	0.	0.
205	243	T-	0.	0.	0.
205	217	W	2.2584	0.2007	0.326
205	218	W	2.2708	0.3438	0.2899
205	244	W	1.7293	0.3214	0.2967
205	243	W	1.7175	0.18	0.3328
205	217	Qm-1	4.0878	0.39	-0.1809

Table 27: Element Forces - Area Shells, Part 2 of 3

Area	Joint	OutputCase	M11	M22	M12
			KN-mm/mm	KN-mm/mm	KN-mm/mm
205	218	Qm-1	4.2968	1.0015	-0.1816
205	244	Qm-1	4.8895	1.1569	-0.2126
205	243	Qm-1	4.6913	0.4773	-0.2119
205	217	Qm-2	0.0914	0.0956	-0.0946
205	218	Qm-2	0.0736	0.181	-0.0997
205	244	Qm-2	0.0873	0.1945	-0.0844
205	243	Qm-2	0.1099	0.113	-0.0793
206	218	DEAD	0.	0.	0.
206	219	DEAD	0.	0.	0.
206	245	DEAD	0.	0.	0.
206	244	DEAD	0.	0.	0.
206	218	G1	6.268E-08	-3.081E-09	-1.822E-08
206	219	G1	6.917E-08	1.993E-08	-1.761E-08
206	245	G1	7.996E-08	1.846E-08	-1.822E-08
206	244	G1	7.400E-08	3.664E-09	-1.761E-08
206	218	G2	-0.837	-0.1554	0.0525
206	219	G2	-0.8348	-0.2156	0.047
206	245	G2	-0.8976	-0.2149	0.0411
206	244	G2	-0.8997	-0.155	0.0466
206	218	Qm	3.3422	0.7432	-0.1035
206	219	Qm	3.5766	1.4625	-0.1232
206	245	Qm	4.079	1.6451	-0.158
206	244	Qm	3.8451	0.8565	-0.1382
206	218	Qs	-3.077E-09	-2.046E-09	-7.661E-10
206	219	Qs	-3.294E-09	-2.439E-09	-7.137E-10
206	245	Qs	-3.445E-09	-2.691E-09	-7.440E-10
206	244	Qs	-3.468E-09	-2.115E-09	-7.580E-10
206	218	T+	0.	0.	0.
206	219	T+	0.	0.	0.
206	245	T+	0.	0.	0.
206	244	T+	0.	0.	0.
206	218	T-	0.	0.	0.
206	219	T-	0.	0.	0.
206	245	T-	0.	0.	0.
206	244	T-	0.	0.	0.
206	218	W	2.2707	0.3435	0.2545
206	219	W	2.2934	0.5228	0.219
206	245	W	1.7494	0.4983	0.225
206	244	W	1.7292	0.3212	0.2605
206	218	Qm-1	4.2966	1.0008	-0.1992
206	219	Qm-1	4.5577	1.9717	-0.2252
206	245	Qm-1	5.1471	2.1774	-0.2503
206	244	Qm-1	4.8893	1.1562	-0.2243
206	218	Qm-2	0.0738	0.1817	-0.1029
206	219	Qm-2	0.0599	0.2466	-0.1081
206	245	Qm-2	0.0679	0.2622	-0.0956
206	244	Qm-2	0.0874	0.1949	-0.0905
207	219	DEAD	0.	0.	0.
207	220	DEAD	0.	0.	0.
207	246	DEAD	0.	0.	0.
207	245	DEAD	0.	0.	0.
207	219	G1	6.945E-08	1.892E-08	-1.959E-08
207	220	G1	5.562E-08	-7.685E-09	-2.020E-08
207	246	G1	6.883E-08	-4.403E-09	-1.604E-08

Table 27: Element Forces - Area Shells, Part 2 of 3

Area	Joint	OutputCase	M11	M22	M12
			KN-mm/mm	KN-mm/mm	KN-mm/mm
207	245	G1	7.845E-08	2.135E-08	-1.665E-08
207	219	G2	-0.8348	-0.2156	0.0408
207	220	G2	-0.8365	-0.2764	0.0353
207	246	G2	-0.8992	-0.2759	0.0309
207	245	G2	-0.8976	-0.2149	0.0364
207	219	Qm	3.5764	1.4615	-0.1604
207	220	Qm	3.7856	2.1269	-0.2071
207	246	Qm	4.2836	2.3684	-0.2355
207	245	Qm	4.0788	1.6444	-0.1887
207	219	Qs	-3.274E-09	-2.557E-09	-7.507E-10
207	220	Qs	-3.871E-09	-3.124E-09	-6.620E-10
207	246	Qs	-3.872E-09	-3.687E-09	-5.290E-10
207	245	Qs	-3.414E-09	-2.434E-09	-6.177E-10
207	219	T+	0.	0.	0.
207	220	T+	0.	0.	0.
207	246	T+	0.	0.	0.
207	245	T+	0.	0.	0.
207	219	T-	0.	0.	0.
207	220	T-	0.	0.	0.
207	246	T-	0.	0.	0.
207	245	T-	0.	0.	0.
207	219	W	2.2933	0.5226	0.1833
207	220	W	2.3198	0.7452	0.1498
207	246	W	1.7742	0.7124	0.1573
207	245	W	1.7494	0.4982	0.1908
207	219	Qm-1	4.5577	1.9717	-0.2663
207	220	Qm-1	4.5047	1.544	-0.3065
207	246	Qm-1	5.0981	1.7679	-0.3201
207	245	Qm-1	5.1471	2.1772	-0.2799
207	219	Qm-2	0.0599	0.2465	-0.1115
207	220	Qm-2	0.054	0.2766	-0.1194
207	246	Qm-2	0.0531	0.3007	-0.1123
207	245	Qm-2	0.0678	0.262	-0.1043
208	220	DEAD	0.	0.	0.
208	221	DEAD	0.	0.	0.
208	247	DEAD	0.	0.	0.
208	246	DEAD	0.	0.	0.
208	220	G1	5.408E-08	-1.385E-08	-1.890E-08
208	221	G1	5.686E-08	-1.799E-08	-2.106E-08
208	247	G1	6.601E-08	-1.594E-08	-2.103E-08
208	246	G1	6.776E-08	-3.893E-09	-2.071E-08
208	220	G2	-0.8365	-0.2764	0.0291
208	221	G2	-0.8418	-0.3362	0.0239
208	247	G2	-0.9042	-0.3366	0.021
208	246	G2	-0.8992	-0.2759	0.0262
208	220	Qm	3.7855	2.1262	-0.2728
208	221	Qm	3.8809	2.419	-0.3375
208	247	Qm	4.373	2.686	-0.3506
208	246	Qm	4.2835	2.368	-0.2858
208	220	Qs	-3.909E-09	-3.674E-09	-5.473E-10
208	221	Qs	-3.824E-09	-4.041E-09	-5.998E-10
208	247	Qs	-4.092E-09	-4.123E-09	-5.916E-10
208	246	Qs	-3.918E-09	-3.382E-09	-5.776E-10
208	220	T+	0.	0.	0.

Table 27: Element Forces - Area Shells, Part 2 of 3

Area	Joint	OutputCase	M11	M22	M12
			KN-mm/mm	KN-mm/mm	KN-mm/mm
208	221	T+	0.	0.	0.
208	247	T+	0.	0.	0.
208	246	T+	0.	0.	0.
208	220	T-	0.	0.	0.
208	221	T-	0.	0.	0.
208	247	T-	0.	0.	0.
208	246	T-	0.	0.	0.
208	220	W	2.3198	0.7453	0.1171
208	221	W	2.3467	1.0106	0.0888
208	247	W	1.8019	0.9611	0.0988
208	246	W	1.7742	0.7125	0.1271
208	220	Qm-1	4.5048	1.5447	-0.3538
208	221	Qm-1	4.5116	1.5099	-0.3988
208	247	Qm-1	5.1056	1.7396	-0.4044
208	246	Qm-1	5.0981	1.768	-0.3594
208	220	Qm-2	0.0538	0.2756	-0.1297
208	221	Qm-2	0.0455	0.2844	-0.1425
208	247	Qm-2	0.0328	0.3188	-0.1354
208	246	Qm-2	0.053	0.3002	-0.1226
209	221	DEAD	0.	0.	0.
209	222	DEAD	0.	0.	0.
209	248	DEAD	0.	0.	0.
209	247	DEAD	0.	0.	0.
209	221	G1	5.649E-08	-1.684E-08	-2.114E-08
209	222	G1	5.322E-08	-1.929E-08	-2.344E-08
209	248	G1	6.824E-08	-1.129E-08	-2.185E-08
209	247	G1	6.612E-08	-1.544E-08	-2.202E-08
209	221	G2	-0.8418	-0.3362	0.0182
209	222	G2	-0.85	-0.3941	0.0134
209	248	G2	-0.9119	-0.3958	0.0119
209	247	G2	-0.9042	-0.3366	0.0166
209	221	Qm	3.8809	2.419	-0.4158
209	222	Qm	3.8576	2.3683	-0.4826
209	248	Qm	4.3433	2.6172	-0.4765
209	247	Qm	4.373	2.686	-0.4098
209	221	Qs	-3.766E-09	-3.785E-09	-5.707E-10
209	222	Qs	-4.105E-09	-4.605E-09	-5.951E-10
209	248	Qs	-4.090E-09	-4.475E-09	-5.042E-10
209	247	Qs	-4.174E-09	-4.153E-09	-5.951E-10
209	221	T+	0.	0.	0.
209	222	T+	0.	0.	0.
209	248	T+	0.	0.	0.
209	247	T+	0.	0.	0.
209	221	T-	0.	0.	0.
209	222	T-	0.	0.	0.
209	248	T-	0.	0.	0.
209	247	T-	0.	0.	0.
209	221	W	2.3468	1.0109	0.0636
209	222	W	2.3756	1.3074	0.0435
209	248	W	1.833	1.2362	0.0548
209	247	W	1.8019	0.9613	0.0749
209	221	Qm-1	4.5116	1.5099	-0.447
209	222	Qm-1	4.5997	1.8561	-0.497
209	248	Qm-1	5.1698	2.0989	-0.4993

Table 27: Element Forces - Area Shells, Part 2 of 3

Area	Joint	OutputCase	M11	M22	M12
			KN-mm/mm	KN-mm/mm	KN-mm/mm
209	247	Qm-1	5.1055	1.7396	-0.4494
209	221	Qm-2	0.0455	0.2844	-0.1607
209	222	Qm-2	0.0124	0.3019	-0.1733
209	248	Qm-2	8.585E-04	0.3231	-0.1589
209	247	Qm-2	0.0328	0.3188	-0.1463
210	222	DEAD	0.	0.	0.
210	223	DEAD	0.	0.	0.
210	249	DEAD	0.	0.	0.
210	248	DEAD	0.	0.	0.
210	222	G1	5.321E-08	-2.057E-08	-2.552E-08
210	223	G1	5.857E-08	3.649E-09	-2.729E-08
210	249	G1	6.381E-08	3.678E-09	-2.587E-08
210	248	G1	6.912E-08	-9.562E-09	-2.410E-08
210	222	G2	-0.85	-0.3941	0.0085
210	223	G2	-0.8602	-0.4497	0.0044
210	249	G2	-0.9218	-0.4528	0.0038
210	248	G2	-0.9119	-0.3958	0.008
210	222	Qm	3.8578	2.369	-0.5524
210	223	Qm	3.7231	1.9581	-0.6052
210	249	Qm	4.1996	2.1552	-0.5836
210	248	Qm	4.3434	2.6176	-0.5308
210	222	Qs	-3.977E-09	-4.524E-09	-5.916E-10
210	223	Qs	-4.185E-09	-4.468E-09	-5.998E-10
210	249	Qs	-4.384E-09	-4.765E-09	-5.473E-10
210	248	Qs	-4.177E-09	-4.360E-09	-5.776E-10
210	222	T+	0.	0.	0.
210	223	T+	0.	0.	0.
210	249	T+	0.	0.	0.
210	248	T+	0.	0.	0.
210	222	T-	0.	0.	0.
210	223	T-	0.	0.	0.
210	249	T-	0.	0.	0.
210	248	T-	0.	0.	0.
210	222	W	2.3757	1.3078	0.0287
210	223	W	2.4119	1.6164	0.0173
210	249	W	1.8703	1.5258	0.0269
210	248	W	1.8331	1.2364	0.0383
210	222	Qm-1	4.5996	1.8553	-0.5552
210	223	Qm-1	4.7473	2.6113	-0.6104
210	249	Qm-1	5.2885	2.855	-0.6029
210	248	Qm-1	5.1698	2.0986	-0.5477
210	222	Qm-2	0.0126	0.3029	-0.183
210	223	Qm-2	-0.0241	0.296	-0.19
210	249	Qm-2	-0.037	0.3038	-0.1755
210	248	Qm-2	9.606E-04	0.3236	-0.1686
211	223	DEAD	0.	0.	0.
211	224	DEAD	0.	0.	0.
211	250	DEAD	0.	0.	0.
211	249	DEAD	0.	0.	0.
211	223	G1	5.939E-08	-1.758E-09	-2.706E-08
211	224	G1	5.750E-08	-1.928E-08	-2.693E-08
211	250	G1	5.642E-08	-2.299E-08	-2.741E-08
211	249	G1	6.277E-08	3.901E-09	-2.693E-08
211	223	G2	-0.8602	-0.4496	1.321E-04

Table 27: Element Forces - Area Shells, Part 2 of 3

Area	Joint	OutputCase	M11	M22	M12
			KN-mm/mm	KN-mm/mm	KN-mm/mm
211	224	G2	-0.8715	-0.5026	-0.0035
211	250	G2	-0.9331	-0.5066	-0.0033
211	249	G2	-0.9218	-0.4528	3.763E-04
211	223	Qm	3.7232	1.959	-0.6508
211	224	Qm	3.5678	1.5191	-0.6807
211	250	Qm	4.0288	1.6536	-0.652
211	249	Qm	4.1997	2.1558	-0.622
211	223	Qs	-4.225E-09	-4.816E-09	-4.415E-10
211	224	Qs	-3.454E-09	-4.423E-09	-4.215E-10
211	250	Qs	-4.749E-09	-5.041E-09	-4.415E-10
211	249	Qs	-4.374E-09	-4.767E-09	-5.767E-10
211	223	T+	0.	0.	0.
211	224	T+	0.	0.	0.
211	250	T+	0.	0.	0.
211	249	T+	0.	0.	0.
211	223	T-	0.	0.	0.
211	224	T-	0.	0.	0.
211	250	T-	0.	0.	0.
211	249	T-	0.	0.	0.
211	223	W	2.4119	1.6165	0.0117
211	224	W	2.4604	1.9189	0.0062
211	250	W	1.9157	1.8189	0.0114
211	249	W	1.8703	1.5259	0.017
211	223	Qm-1	4.7473	2.6111	-0.6733
211	224	Qm-1	4.5798	2.0024	-0.7238
211	250	Qm-1	5.0961	2.2125	-0.7009
211	249	Qm-1	5.2885	2.8549	-0.6504
211	223	Qm-2	-0.0241	0.2961	-0.1918
211	224	Qm-2	-0.0548	0.2472	-0.1945
211	250	Qm-2	-0.0708	0.2469	-0.1855
211	249	Qm-2	-0.037	0.304	-0.1827
212	224	DEAD	0.	0.	0.
212	225	DEAD	0.	0.	0.
212	251	DEAD	0.	0.	0.
212	250	DEAD	0.	0.	0.
212	224	G1	5.801E-08	-2.061E-08	-2.718E-08
212	225	G1	4.718E-08	-3.488E-08	-2.753E-08
212	251	G1	5.712E-08	-3.462E-08	-2.647E-08
212	250	G1	5.596E-08	-1.759E-08	-2.611E-08
212	224	G2	-0.8715	-0.5026	-0.0073
212	225	G2	-0.8832	-0.5519	-0.0107
212	251	G2	-0.9453	-0.5563	-0.0098
212	250	G2	-0.9331	-0.5066	-0.0064
212	224	Qm	3.5679	1.5197	-0.698
212	225	Qm	3.4807	1.3787	-0.7057
212	251	Qm	3.918	1.4607	-0.6783
212	250	Qm	4.0289	1.6541	-0.6707
212	224	Qs	-3.604E-09	-4.640E-09	-3.549E-10
212	225	Qs	-3.940E-09	-4.859E-09	-3.106E-10
212	251	Qs	-4.330E-09	-5.278E-09	-3.106E-10
212	250	Qs	-4.627E-09	-4.771E-09	-3.549E-10
212	224	T+	0.	0.	0.
212	225	T+	0.	0.	0.
212	251	T+	0.	0.	0.

Table 27: Element Forces - Area Shells, Part 2 of 3

Area	Joint	OutputCase	M11	M22	M12
			KN-mm/mm	KN-mm/mm	KN-mm/mm
212	250	T+	0.	0.	0.
212	224	T-	0.	0.	0.
212	225	T-	0.	0.	0.
212	251	T-	0.	0.	0.
212	250	T-	0.	0.	0.
212	224	W	2.4604	1.9188	0.0044
212	225	W	2.5213	2.2067	-2.166E-04
212	251	W	1.9686	2.1095	1.960E-04
212	250	W	1.9157	1.8188	0.0048
212	224	Qm-1	4.5799	2.0029	-0.7735
212	225	Qm-1	4.4617	1.8042	-0.8071
212	251	Qm-1	4.9565	1.9578	-0.7723
212	250	Qm-1	5.0962	2.213	-0.7386
212	224	Qm-2	-0.0549	0.2467	-0.194
212	225	Qm-2	-0.0831	0.164	-0.1949
212	251	Qm-2	-0.1014	0.1612	-0.1896
212	250	Qm-2	-0.0708	0.2465	-0.1888
213	225	DEAD	0.	0.	0.
213	226	DEAD	0.	0.	0.
213	252	DEAD	0.	0.	0.
213	251	DEAD	0.	0.	0.
213	225	G1	4.409E-08	-3.915E-08	-2.804E-08
213	226	G1	4.608E-08	-3.603E-08	-2.888E-08
213	252	G1	4.977E-08	-3.950E-08	-2.663E-08
213	251	G1	5.845E-08	-3.164E-08	-2.640E-08
213	225	G2	-0.8832	-0.5519	-0.0144
213	226	G2	-0.8951	-0.5962	-0.0178
213	252	G2	-0.9581	-0.6005	-0.0163
213	251	G2	-0.9453	-0.5563	-0.0129
213	225	Qm	3.4807	1.3788	-0.7012
213	226	Qm	3.465	1.5044	-0.693
213	252	Qm	3.8737	1.5524	-0.6715
213	251	Qm	3.9181	1.4609	-0.6796
213	225	Qs	-4.074E-09	-5.233E-09	-2.943E-10
213	226	Qs	-3.708E-09	-4.952E-09	-2.338E-10
213	252	Qs	-4.556E-09	-5.515E-09	-2.943E-10
213	251	Qs	-4.303E-09	-5.005E-09	-2.781E-10
213	225	T+	0.	0.	0.
213	226	T+	0.	0.	0.
213	252	T+	0.	0.	0.
213	251	T+	0.	0.	0.
213	225	T-	0.	0.	0.
213	226	T-	0.	0.	0.
213	252	T-	0.	0.	0.
213	251	T-	0.	0.	0.
213	225	W	2.5212	2.2064	-0.0049
213	226	W	2.5873	2.4851	-0.013
213	252	W	2.0247	2.3979	-0.0148
213	251	W	1.9685	2.1093	-0.0068
213	225	Qm-1	4.4619	1.8053	-0.8312
213	226	Qm-1	4.4139	1.9623	-0.8442
213	252	Qm-1	4.8775	2.0633	-0.8068
213	251	Qm-1	4.9566	1.9583	-0.7938
213	225	Qm-2	-0.0831	0.1638	-0.196

Table 27: Element Forces - Area Shells, Part 2 of 3

Area	Joint	OutputCase	M11	M22	M12
			KN-mm/mm	KN-mm/mm	KN-mm/mm
213	226	Qm-2	-0.1205	0.0821	-0.1939
213	252	Qm-2	-0.1347	0.0682	-0.1864
213	251	Qm-2	-0.1015	0.1609	-0.1885
214	226	DEAD	0.	0.	0.
214	227	DEAD	0.	0.	0.
214	253	DEAD	0.	0.	0.
214	252	DEAD	0.	0.	0.
214	226	G1	4.572E-08	-3.429E-08	-2.712E-08
214	227	G1	4.484E-08	-3.648E-08	-2.580E-08
214	253	G1	4.749E-08	-3.712E-08	-2.570E-08
214	252	G1	5.114E-08	-3.586E-08	-2.580E-08
214	226	G2	-0.8951	-0.5963	-0.0217
214	227	G2	-0.9076	-0.6336	-0.0252
214	253	G2	-0.9715	-0.6377	-0.0229
214	252	G2	-0.9581	-0.6005	-0.0194
214	226	Qm	3.465	1.5042	-0.6765
214	227	Qm	3.5169	1.8876	-0.6597
214	253	Qm	3.8972	1.9169	-0.6443
214	252	Qm	3.8737	1.5524	-0.661
214	226	Qs	-3.749E-09	-5.071E-09	-1.361E-10
214	227	Qs	-3.892E-09	-5.372E-09	-1.139E-10
214	253	Qs	-4.214E-09	-5.337E-09	-1.583E-10
214	252	Qs	-4.551E-09	-5.477E-09	-1.804E-10
214	226	T+	0.	0.	0.
214	227	T+	0.	0.	0.
214	253	T+	0.	0.	0.
214	252	T+	0.	0.	0.
214	226	T-	0.	0.	0.
214	227	T-	0.	0.	0.
214	253	T-	0.	0.	0.
214	252	T-	0.	0.	0.
214	226	W	2.5872	2.4846	-0.0245
214	227	W	2.6478	2.7665	-0.0371
214	253	W	2.0784	2.6879	-0.0371
214	252	W	2.0247	2.3977	-0.0244
214	226	Qm-1	4.4139	1.9622	-0.8473
214	227	Qm-1	4.4374	2.44	-0.8444
214	253	Qm-1	4.8666	2.5029	-0.8088
214	252	Qm-1	4.8775	2.0636	-0.8118
214	226	Qm-2	-0.1204	0.0825	-0.19
214	227	Qm-2	-0.1574	0.0061	-0.1834
214	253	Qm-2	-0.1719	-0.017	-0.1747
214	252	Qm-2	-0.1347	0.0683	-0.1813
215	227	DEAD	0.	0.	0.
215	228	DEAD	0.	0.	0.
215	254	DEAD	0.	0.	0.
215	253	DEAD	0.	0.	0.
215	227	G1	4.606E-08	-3.544E-08	-2.538E-08
215	228	G1	3.339E-08	-6.830E-08	-2.396E-08
215	254	G1	3.919E-08	-7.086E-08	-2.254E-08
215	253	G1	4.833E-08	-3.723E-08	-2.396E-08
215	227	G2	-0.9076	-0.6336	-0.0293
215	228	G2	-0.9205	-0.6622	-0.033
215	254	G2	-0.9853	-0.6663	-0.0298

Table 27: Element Forces - Area Shells, Part 2 of 3

Area	Joint	OutputCase	M11	M22	M12
			KN-mm/mm	KN-mm/mm	KN-mm/mm
215	253	G2	-0.9715	-0.6377	-0.0261
215	227	Qm	3.5169	1.8874	-0.6383
215	228	Qm	3.5921	2.3315	-0.6181
215	254	Qm	3.9466	2.3523	-0.6074
215	253	Qm	3.8972	1.9169	-0.6276
215	227	Qs	-3.778E-09	-5.301E-09	-1.467E-10
215	228	Qs	-4.307E-09	-5.538E-09	-1.245E-10
215	254	Qs	-4.083E-09	-5.362E-09	-5.805E-11
215	253	Qs	-4.302E-09	-5.643E-09	-8.021E-11
215	227	T+	0.	0.	0.
215	228	T+	0.	0.	0.
215	254	T+	0.	0.	0.
215	253	T+	0.	0.	0.
215	227	T-	0.	0.	0.
215	228	T-	0.	0.	0.
215	254	T-	0.	0.	0.
215	253	T-	0.	0.	0.
215	227	W	2.6478	2.7663	-0.0539
215	228	W	2.6948	3.0602	-0.0686
215	254	W	2.1254	2.9815	-0.0637
215	253	W	2.0784	2.6878	-0.049
215	227	Qm-1	4.4373	2.4399	-0.8339
215	228	Qm-1	4.0476	0.8272	-0.8195
215	254	Qm-1	4.446	0.8603	-0.7863
215	253	Qm-1	4.8667	2.503	-0.8008
215	227	Qm-2	-0.1574	0.0062	-0.1748
215	228	Qm-2	-0.1887	-0.0683	-0.1663
215	254	Qm-2	-0.2078	-0.0928	-0.1586
215	253	Qm-2	-0.1719	-0.0168	-0.1671
216	228	DEAD	0.	0.	0.
216	229	DEAD	0.	0.	0.
216	255	DEAD	0.	0.	0.
216	254	DEAD	0.	0.	0.
216	228	G1	3.161E-08	-6.961E-08	-2.262E-08
216	229	G1	2.400E-08	-9.546E-08	-2.191E-08
216	255	G1	3.511E-08	-9.678E-08	-2.120E-08
216	254	G1	4.196E-08	-6.740E-08	-2.191E-08
216	228	G2	-0.9205	-0.6622	-0.0371
216	229	G2	-0.9336	-0.6805	-0.0407
216	255	G2	-0.9992	-0.685	-0.0366
216	254	G2	-0.9853	-0.6663	-0.033
216	228	Qm	3.5921	2.3313	-0.5959
216	229	Qm	3.6472	2.6436	-0.5754
216	255	Qm	3.9795	2.6619	-0.5679
216	254	Qm	3.9466	2.3522	-0.5883
216	228	Qs	-4.220E-09	-5.542E-09	-6.399E-11
216	229	Qs	-3.921E-09	-5.001E-09	-4.182E-11
216	255	Qs	-4.173E-09	-5.174E-09	-6.399E-11
216	254	Qs	-4.156E-09	-5.514E-09	-8.615E-11
216	228	T+	0.	0.	0.
216	229	T+	0.	0.	0.
216	255	T+	0.	0.	0.
216	254	T+	0.	0.	0.
216	228	T-	0.	0.	0.

Table 27: Element Forces - Area Shells, Part 2 of 3

Area	Joint	OutputCase	M11	M22	M12
			KN-mm/mm	KN-mm/mm	KN-mm/mm
216	229	T-	0.	0.	0.
216	255	T-	0.	0.	0.
216	254	T-	0.	0.	0.
216	228	W	2.6948	3.0605	-0.0851
216	229	W	2.7285	3.3623	-0.0976
216	255	W	2.1658	3.2748	-0.0882
216	254	W	2.1254	2.9816	-0.0757
216	228	Qm-1	4.0476	0.8273	-0.7988
216	229	Qm-1	3.7236	-0.4823	-0.7753
216	255	Qm-1	4.0964	-0.474	-0.7451
216	254	Qm-1	4.446	0.8604	-0.7686
216	228	Qm-2	-0.1887	-0.0684	-0.1572
216	229	Qm-2	-0.2142	-0.1392	-0.1497
216	255	Qm-2	-0.2397	-0.1594	-0.1435
216	254	Qm-2	-0.2078	-0.0928	-0.1509
217	229	DEAD	0.	0.	0.
217	230	DEAD	0.	0.	0.
217	256	DEAD	0.	0.	0.
217	255	DEAD	0.	0.	0.
217	229	G1	2.396E-08	-9.501E-08	-2.075E-08
217	230	G1	2.680E-08	-1.103E-07	-1.981E-08
217	256	G1	2.308E-08	-1.133E-07	-1.897E-08
217	255	G1	3.682E-08	-9.428E-08	-2.052E-08
217	229	G2	-0.9336	-0.6805	-0.0447
217	230	G2	-0.9463	-0.6878	-0.0482
217	256	G2	-1.0127	-0.6927	-0.0434
217	255	G2	-0.9992	-0.685	-0.0399
217	229	Qm	3.6472	2.6435	-0.5546
217	230	Qm	3.6801	2.8326	-0.5354
217	256	Qm	3.9938	2.8513	-0.5295
217	255	Qm	3.9795	2.6618	-0.5487
217	229	Qs	-3.887E-09	-5.013E-09	-7.507E-11
217	230	Qs	-3.757E-09	-4.909E-09	3.793E-11
217	256	Qs	-4.198E-09	-5.235E-09	-5.290E-11
217	255	Qs	-4.107E-09	-4.926E-09	-5.073E-11
217	229	T+	0.	0.	0.
217	230	T+	0.	0.	0.
217	256	T+	0.	0.	0.
217	255	T+	0.	0.	0.
217	229	T-	0.	0.	0.
217	230	T-	0.	0.	0.
217	256	T-	0.	0.	0.
217	255	T-	0.	0.	0.
217	229	W	2.7286	3.3629	-0.1082
217	230	W	2.7578	3.6562	-0.1159
217	256	W	2.2041	3.5578	-0.1059
217	255	W	2.1659	3.2751	-0.0982
217	229	Qm-1	3.7236	-0.4821	-0.7456
217	230	Qm-1	3.4673	-1.4953	-0.7147
217	256	Qm-1	3.8194	-1.5071	-0.6888
217	255	Qm-1	4.0964	-0.4738	-0.7198
217	229	Qm-2	-0.2142	-0.1393	-0.1432
217	230	Qm-2	-0.2358	-0.201	-0.1386
217	256	Qm-2	-0.268	-0.2144	-0.1331

Table 27: Element Forces - Area Shells, Part 2 of 3

Area	Joint	OutputCase	M11	M22	M12
			KN-mm/mm	KN-mm/mm	KN-mm/mm
217	255	Qm-2	-0.2397	-0.1594	-0.1377
218	230	DEAD	0.	0.	0.
218	231	DEAD	0.	0.	0.
218	257	DEAD	0.	0.	0.
218	256	DEAD	0.	0.	0.
218	230	G1	2.867E-08	-1.090E-07	-1.890E-08
218	231	G1	1.330E-08	-1.239E-07	-1.738E-08
218	257	G1	2.521E-08	-1.284E-07	-1.571E-08
218	256	G1	2.345E-08	-1.125E-07	-1.845E-08
218	230	G2	-0.9463	-0.6878	-0.0521
218	231	G2	-0.9577	-0.6833	-0.0556
218	257	G2	-1.0254	-0.6882	-0.0502
218	256	G2	-1.0127	-0.6926	-0.0467
218	230	Qm	3.68	2.8325	-0.5168
218	231	Qm	3.6895	2.9067	-0.4994
218	257	Qm	3.9879	2.9268	-0.4939
218	256	Qm	3.9938	2.8512	-0.5113
218	230	Qs	-3.858E-09	-4.788E-09	1.623E-11
218	231	Qs	-3.650E-09	-4.674E-09	3.839E-11
218	257	Qs	-4.116E-09	-4.946E-09	6.056E-11
218	256	Qs	-4.113E-09	-4.926E-09	3.839E-11
218	230	T+	0.	0.	0.
218	231	T+	0.	0.	0.
218	257	T+	0.	0.	0.
218	256	T+	0.	0.	0.
218	230	T-	0.	0.	0.
218	231	T-	0.	0.	0.
218	257	T-	0.	0.	0.
218	256	T-	0.	0.	0.
218	230	W	2.7579	3.6567	-0.1188
218	231	W	2.7952	3.921	-0.1229
218	257	W	2.247	3.8186	-0.1177
218	256	W	2.2041	3.5581	-0.1137
218	230	Qm-1	3.4673	-1.4951	-0.6775
218	231	Qm-1	3.2824	-2.218	-0.6409
218	257	Qm-1	3.6174	-2.2445	-0.6211
218	256	Qm-1	3.8194	-1.507	-0.6578
218	230	Qm-2	-0.2359	-0.2011	-0.1359
218	231	Qm-2	-0.256	-0.2476	-0.1345
218	257	Qm-2	-0.2939	-0.2548	-0.1285
218	256	Qm-2	-0.268	-0.2145	-0.1299
219	231	DEAD	0.	0.	0.
219	232	DEAD	0.	0.	0.
219	258	DEAD	0.	0.	0.
219	257	DEAD	0.	0.	0.
219	231	G1	1.262E-08	-1.326E-07	-1.474E-08
219	232	G1	1.411E-08	-1.278E-07	-1.406E-08
219	258	G1	2.286E-08	-1.378E-07	-1.332E-08
219	257	G1	2.635E-08	-1.251E-07	-1.583E-08
219	231	G2	-0.9577	-0.6833	-0.0594
219	232	G2	-0.9672	-0.666	-0.0632
219	258	G2	-1.0366	-0.6705	-0.0574
219	257	G2	-1.0254	-0.6882	-0.0536
219	231	Qm	3.6895	2.9067	-0.483

Table 27: Element Forces - Area Shells, Part 2 of 3

Area	Joint	OutputCase	M11	M22	M12
			KN-mm/mm	KN-mm/mm	KN-mm/mm
219	232	Qm	3.6752	2.8734	-0.4672
219	258	Qm	3.9611	2.8945	-0.4614
219	257	Qm	3.9879	2.9267	-0.4772
219	231	Qs	-3.767E-09	-4.897E-09	1.203E-10
219	232	Qs	-3.825E-09	-4.427E-09	1.181E-10
219	258	Qs	-3.972E-09	-4.659E-09	1.868E-10
219	257	Qs	-4.174E-09	-5.043E-09	7.381E-11
219	231	T+	0.	0.	0.
219	232	T+	0.	0.	0.
219	258	T+	0.	0.	0.
219	257	T+	0.	0.	0.
219	231	T-	0.	0.	0.
219	232	T-	0.	0.	0.
219	258	T-	0.	0.	0.
219	257	T-	0.	0.	0.
219	231	W	2.7952	3.9214	-0.1216
219	232	W	2.851	4.1438	-0.1261
219	258	W	2.3015	4.0484	-0.1302
219	257	W	2.2471	3.8188	-0.1257
219	231	Qm-1	3.2824	-2.2178	-0.5982
219	232	Qm-1	3.1725	-2.6544	-0.5581
219	258	Qm-1	3.4931	-2.6894	-0.546
219	257	Qm-1	3.6175	-2.2445	-0.5861
219	231	Qm-2	-0.2561	-0.2477	-0.1353
219	232	Qm-2	-0.2762	-0.2748	-0.1365
219	258	Qm-2	-0.3189	-0.278	-0.1291
219	257	Qm-2	-0.2939	-0.2549	-0.1279
220	232	DEAD	0.	0.	0.
220	233	DEAD	0.	0.	0.
220	259	DEAD	0.	0.	0.
220	258	DEAD	0.	0.	0.
220	232	G1	1.357E-08	-1.362E-07	-1.262E-08
220	233	G1	1.544E-08	-1.260E-07	-1.227E-08
220	259	G1	2.549E-08	-1.298E-07	-1.297E-08
220	258	G1	2.431E-08	-1.274E-07	-1.333E-08
220	232	G2	-0.9672	-0.666	-0.0672
220	233	G2	-0.974	-0.6345	-0.0714
220	259	G2	-1.0457	-0.6383	-0.0654
220	258	G2	-1.0366	-0.6705	-0.0612
220	232	Qm	3.6752	2.8734	-0.4524
220	233	Qm	3.6377	2.7386	-0.4378
220	259	Qm	3.9134	2.7598	-0.4313
220	258	Qm	3.9611	2.8945	-0.4459
220	232	Qs	-3.753E-09	-4.586E-09	1.864E-10
220	233	Qs	-3.833E-09	-4.297E-09	1.199E-10
220	259	Qs	-3.500E-09	-4.190E-09	3.120E-11
220	258	Qs	-3.933E-09	-4.397E-09	9.769E-11
220	232	T+	0.	0.	0.
220	233	T+	0.	0.	0.
220	259	T+	0.	0.	0.
220	258	T+	0.	0.	0.
220	232	T-	0.	0.	0.
220	233	T-	0.	0.	0.
220	259	T-	0.	0.	0.

Table 27: Element Forces - Area Shells, Part 2 of 3

Area	Joint	OutputCase	M11	M22	M12
			KN-mm/mm	KN-mm/mm	KN-mm/mm
220	258	T-	0.	0.	0.
220	232	W	2.8511	4.144	-0.1264
220	233	W	2.9324	4.326	-0.136
220	259	W	2.3739	4.2457	-0.1522
220	258	W	2.3015	4.0486	-0.1426
220	232	Qm-1	3.1725	-2.6544	-0.5127
220	233	Qm-1	3.1401	-2.8051	-0.4716
220	259	Qm-1	3.448	-2.8418	-0.4681
220	258	Qm-1	3.4931	-2.6893	-0.5092
220	232	Qm-2	-0.2762	-0.2748	-0.1395
220	233	Qm-2	-0.297	-0.2808	-0.1421
220	259	Qm-2	-0.3441	-0.2828	-0.133
220	258	Qm-2	-0.3189	-0.278	-0.1304
221	233	DEAD	0.	0.	0.
221	234	DEAD	0.	0.	0.
221	260	DEAD	0.	0.	0.
221	259	DEAD	0.	0.	0.
221	233	G1	1.363E-08	-1.278E-07	-1.128E-08
221	234	G1	2.101E-08	-1.199E-07	-1.022E-08
221	260	G1	2.400E-08	-1.196E-07	-1.022E-08
221	259	G1	2.660E-08	-1.292E-07	-1.128E-08
221	233	G2	-0.974	-0.6344	-0.0757
221	234	G2	-0.9773	-0.5871	-0.0804
221	260	G2	-1.0519	-0.5901	-0.0745
221	259	G2	-1.0457	-0.6382	-0.0698
221	233	Qm	3.6377	2.7387	-0.424
221	234	Qm	3.5778	2.5071	-0.4099
221	260	Qm	3.8454	2.527	-0.4026
221	259	Qm	3.9134	2.7598	-0.4167
221	233	Qs	-3.697E-09	-4.201E-09	2.091E-11
221	234	Qs	-3.342E-09	-3.886E-09	-1.255E-12
221	260	Qs	-4.015E-09	-3.799E-09	4.308E-11
221	259	Qs	-3.506E-09	-4.171E-09	6.524E-11
221	233	T+	0.	0.	0.
221	234	T+	0.	0.	0.
221	260	T+	0.	0.	0.
221	259	T+	0.	0.	0.
221	233	T-	0.	0.	0.
221	234	T-	0.	0.	0.
221	260	T-	0.	0.	0.
221	259	T-	0.	0.	0.
221	233	W	2.9324	4.3263	-0.142
221	234	W	3.0483	4.4831	-0.159
221	260	W	2.4703	4.4178	-0.1895
221	259	W	2.3739	4.2459	-0.1725
221	233	Qm-1	3.1401	-2.8051	-0.4265
221	234	Qm-1	3.1863	-2.6664	-0.387
221	260	Qm-1	3.4829	-2.6987	-0.3921
221	259	Qm-1	3.448	-2.8418	-0.4317
221	233	Qm-2	-0.297	-0.2808	-0.1461
221	234	Qm-2	-0.3186	-0.2661	-0.1491
221	260	Qm-2	-0.3698	-0.2696	-0.138
221	259	Qm-2	-0.3441	-0.2828	-0.1351
222	234	DEAD	0.	0.	0.

Table 27: Element Forces - Area Shells, Part 2 of 3

Area	Joint	OutputCase	M11	M22	M12
			KN-mm/mm	KN-mm/mm	KN-mm/mm
222	235	DEAD	0.	0.	0.
222	261	DEAD	0.	0.	0.
222	260	DEAD	0.	0.	0.
222	234	G1	1.914E-08	-1.203E-07	-9.733E-09
222	235	G1	3.208E-08	-9.774E-08	-9.379E-09
222	261	G1	2.921E-08	-1.030E-07	-1.115E-08
222	260	G1	2.441E-08	-1.180E-07	-1.151E-08
222	234	G2	-0.9773	-0.587	-0.085
222	235	G2	-0.975	-0.5223	-0.0903
222	261	G2	-1.0536	-0.5247	-0.085
222	260	G2	-1.0519	-0.5901	-0.0797
222	234	Qm	3.5778	2.5071	-0.3961
222	235	Qm	3.497	2.1822	-0.3818
222	261	Qm	3.7582	2.1995	-0.374
222	260	Qm	3.8454	2.5271	-0.3883
222	234	Qs	-3.245E-09	-3.640E-09	6.650E-11
222	235	Qs	-3.006E-09	-3.426E-09	4.433E-11
222	261	Qs	-3.489E-09	-3.197E-09	-6.650E-11
222	260	Qs	-3.998E-09	-4.063E-09	-4.433E-11
222	234	T+	0.	0.	0.
222	235	T+	0.	0.	0.
222	261	T+	0.	0.	0.
222	260	T+	0.	0.	0.
222	234	T-	0.	0.	0.
222	235	T-	0.	0.	0.
222	261	T-	0.	0.	0.
222	260	T-	0.	0.	0.
222	234	W	3.0485	4.4843	-0.17
222	235	W	3.2183	4.6418	-0.1949
222	261	W	2.6063	4.5896	-0.2448
222	260	W	2.4703	4.4177	-0.22
222	234	Qm-1	3.1863	-2.6665	-0.345
222	235	Qm-1	3.3107	-2.2303	-0.3091
222	261	Qm-1	3.5974	-2.2538	-0.3221
222	260	Qm-1	3.4829	-2.6988	-0.358
222	234	Qm-2	-0.3186	-0.266	-0.1526
222	235	Qm-2	-0.3413	-0.2332	-0.1547
222	261	Qm-2	-0.396	-0.241	-0.1419
222	260	Qm-2	-0.3698	-0.2696	-0.1398
223	235	DEAD	0.	0.	0.
223	236	DEAD	0.	0.	0.
223	262	DEAD	0.	0.	0.
223	261	DEAD	0.	0.	0.
223	235	G1	3.024E-08	-1.018E-07	-8.805E-09
223	236	G1	4.199E-08	-7.226E-08	-8.355E-09
223	262	G1	3.237E-08	-8.155E-08	-8.805E-09
223	261	G1	2.860E-08	-9.877E-08	-1.048E-08
223	235	G2	-0.975	-0.5221	-0.0948
223	236	G2	-0.963	-0.4386	-0.1008
223	262	G2	-1.0481	-0.4402	-0.0974
223	261	G2	-1.0536	-0.5246	-0.0915
223	235	Qm	3.497	2.1823	-0.3671
223	236	Qm	3.3971	1.766	-0.352
223	262	Qm	3.6537	1.7795	-0.3442

Table 27: Element Forces - Area Shells, Part 2 of 3

Area	Joint	OutputCase	M11	M22	M12
			KN-mm/mm	KN-mm/mm	KN-mm/mm
223	261	Qm	3.7583	2.1996	-0.3594
223	235	Qs	-2.942E-09	-3.181E-09	-2.731E-11
223	236	Qs	-2.728E-09	-2.638E-09	-1.326E-11
223	262	Qs	-3.271E-09	-2.968E-09	-4.947E-11
223	261	Qs	-3.509E-09	-3.286E-09	-1.019E-10
223	235	T+	0.	0.	0.
223	236	T+	0.	0.	0.
223	262	T+	0.	0.	0.
223	261	T+	0.	0.	0.
223	235	T-	0.	0.	0.
223	236	T-	0.	0.	0.
223	262	T-	0.	0.	0.
223	261	T-	0.	0.	0.
223	235	W	3.2182	4.6415	-0.2108
223	236	W	3.5042	4.8866	-0.2375
223	262	W	2.7704	4.7958	-0.3125
223	261	W	2.6066	4.5915	-0.2857
223	235	Qm-1	3.3106	-2.2305	-0.2722
223	236	Qm-1	3.5116	-1.4858	-0.2411
223	262	Qm-1	3.7901	-1.4985	-0.2606
223	261	Qm-1	3.5974	-2.2539	-0.2917
223	235	Qm-2	-0.3413	-0.2332	-0.1565
223	236	Qm-2	-0.3643	-0.1875	-0.1568
223	262	Qm-2	-0.422	-0.2007	-0.143
223	261	Qm-2	-0.396	-0.2409	-0.1427
224	236	DEAD	0.	0.	0.
224	237	DEAD	0.	0.	0.
224	263	DEAD	0.	0.	0.
224	262	DEAD	0.	0.	0.
224	236	G1	4.168E-08	-7.608E-08	-6.340E-09
224	237	G1	4.805E-08	-3.852E-08	-4.082E-09
224	263	G1	4.306E-08	-4.261E-08	-4.922E-09
224	262	G1	3.178E-08	-8.262E-08	-6.565E-09
224	236	G2	-0.963	-0.4383	-0.1051
224	237	G2	-0.9339	-0.3326	-0.1124
224	263	G2	-1.0306	-0.3327	-0.1132
224	262	G2	-1.0481	-0.44	-0.106
224	236	Qm	3.3971	1.7661	-0.3358
224	237	Qm	3.2806	1.2594	-0.3193
224	263	Qm	3.5339	1.2686	-0.3124
224	262	Qm	3.6537	1.7796	-0.3289
224	236	Qs	-2.694E-09	-2.690E-09	3.714E-11
224	237	Qs	-2.569E-09	-1.962E-09	1.036E-10
224	263	Qs	-3.193E-09	-2.058E-09	1.036E-10
224	262	Qs	-3.289E-09	-3.103E-09	3.714E-11
224	236	T+	0.	0.	0.
224	237	T+	0.	0.	0.
224	263	T+	0.	0.	0.
224	262	T+	0.	0.	0.
224	236	T-	0.	0.	0.
224	237	T-	0.	0.	0.
224	263	T-	0.	0.	0.
224	262	T-	0.	0.	0.
224	236	W	3.5052	4.8917	-0.2379

Table 27: Element Forces - Area Shells, Part 2 of 3

Area	Joint	OutputCase	M11	M22	M12
			KN-mm/mm	KN-mm/mm	KN-mm/mm
224	237	W	3.868	5.2864	-0.2806
224	263	W	3.198	5.3071	-0.4075
224	262	W	2.7702	4.795	-0.3648
224	236	Qm-1	3.5116	-1.486	-0.2102
224	237	Qm-1	3.7869	-0.4201	-0.1839
224	263	Qm-1	4.0596	-0.4232	-0.2082
224	262	Qm-1	3.7901	-1.4986	-0.2344
224	236	Qm-2	-0.3643	-0.1874	-0.1562
224	237	Qm-2	-0.386	-0.1362	-0.1547
224	263	Qm-2	-0.4467	-0.1535	-0.141
224	262	Qm-2	-0.422	-0.2006	-0.1424
225	237	DEAD	0.	0.	0.
225	238	DEAD	0.	0.	0.
225	264	DEAD	0.	0.	0.
225	263	DEAD	0.	0.	0.
225	237	G1	4.911E-08	-4.096E-08	-2.942E-09
225	238	G1	5.724E-08	4.387E-09	-1.878E-09
225	264	G1	5.460E-08	-7.077E-10	-2.587E-09
225	263	G1	4.217E-08	-4.544E-08	-3.651E-09
225	237	G2	-0.9332	-0.3295	-0.1165
225	238	G2	-0.8568	-0.2071	-0.1323
225	264	G2	-1.0054	-0.1753	-0.1418
225	263	G2	-1.031	-0.3347	-0.126
225	237	Qm	3.2806	1.2595	-0.301
225	238	Qm	3.1503	0.6627	-0.2829
225	264	Qm	3.4015	0.6677	-0.2781
225	263	Qm	3.5339	1.2687	-0.2962
225	237	Qs	-2.523E-09	-1.815E-09	1.617E-10
225	238	Qs	-2.393E-09	-1.148E-09	1.676E-10
225	264	Qs	-3.038E-09	-1.532E-09	1.838E-10
225	263	Qs	-3.091E-09	-2.045E-09	1.011E-10
225	237	T+	0.	0.	0.
225	238	T+	0.	0.	0.
225	264	T+	0.	0.	0.
225	263	T+	0.	0.	0.
225	237	T-	0.	0.	0.
225	238	T-	0.	0.	0.
225	264	T-	0.	0.	0.
225	263	T-	0.	0.	0.
225	237	W	3.9352	5.622	-0.335
225	238	W	7.2224	5.0784	-1.1081
225	264	W	1.3378	8.0738	-1.3128
225	263	W	3.1367	5.0006	-0.5397
225	237	Qm-1	3.7869	-0.4202	-0.158
225	238	Qm-1	4.135	0.9785	-0.1353
225	264	Qm-1	4.4049	0.9812	-0.163
225	263	Qm-1	4.0596	-0.4233	-0.1857
225	237	Qm-2	-0.3859	-0.1361	-0.1522
225	238	Qm-2	-0.4045	-0.0864	-0.1503
225	264	Qm-2	-0.4693	-0.1036	-0.1375
225	263	Qm-2	-0.4467	-0.1534	-0.1395
226	238	DEAD	0.	0.	0.
226	239	DEAD	0.	0.	0.
226	265	DEAD	0.	0.	0.

Table 27: Element Forces - Area Shells, Part 2 of 3

Area	Joint	OutputCase	M11	M22	M12
			KN-mm/mm	KN-mm/mm	KN-mm/mm
226	264	DEAD	0.	0.	0.
226	238	G1	5.606E-08	3.034E-09	9.214E-10
226	239	G1	5.892E-08	-4.657E-09	1.501E-09
226	265	G1	5.367E-08	-7.871E-09	9.214E-10
226	264	G1	5.426E-08	-1.332E-09	-2.724E-10
226	238	G2	-0.8583	-0.2144	-0.1498
226	239	G2	-0.6425	0.165	-0.1428
226	265	G2	-1.0449	-0.0202	-0.1572
226	264	G2	-1.0049	-0.1725	-0.1642
226	238	Qm	3.1503	0.6628	-0.2625
226	239	Qm	3.049	0.176	-0.243
226	265	Qm	3.2993	0.1778	-0.2413
226	264	Qm	3.4016	0.6678	-0.2608
226	238	Qs	-2.452E-09	-1.088E-09	3.344E-10
226	239	Qs	-2.372E-09	-6.494E-10	3.101E-10
226	265	Qs	-2.793E-09	-7.975E-10	3.566E-10
226	264	Qs	-2.807E-09	-1.361E-09	2.658E-10
226	238	T+	0.	0.	0.
226	239	T+	0.	0.	0.
226	265	T+	0.	0.	0.
226	264	T+	0.	0.	0.
226	238	T-	0.	0.	0.
226	239	T-	0.	0.	0.
226	265	T-	0.	0.	0.
226	264	T-	0.	0.	0.
226	238	W	6.6492	2.2122	-2.5576
226	239	W	7.5085	37.3656	4.142
226	265	W	-0.2087	-5.1735	5.1979
226	264	W	1.7365	10.0675	-1.5017
226	238	Qm-1	4.135	0.9785	-0.1123
226	239	Qm-1	4.0766	0.3178	-0.0911
226	265	Qm-1	4.3463	0.3212	-0.1217
226	264	Qm-1	4.4049	0.9812	-0.1429
226	238	Qm-2	-0.4045	-0.0864	-0.1481
226	239	Qm-2	-0.4203	-0.0417	-0.1478
226	265	Qm-2	-0.49	-0.053	-0.1362
226	264	Qm-2	-0.4693	-0.1037	-0.1365
227	239	DEAD	0.	0.	0.
227	240	DEAD	0.	0.	0.
227	266	DEAD	0.	0.	0.
227	265	DEAD	0.	0.	0.
227	239	G1	5.864E-08	-3.800E-09	1.473E-09
227	240	G1	5.819E-08	-1.253E-09	1.378E-09
227	266	G1	6.250E-08	-4.747E-10	-6.544E-10
227	265	G1	5.389E-08	-4.107E-10	6.691E-10
227	239	G2	-0.643	0.1627	-0.1238
227	240	G2	-0.7871	-0.0063	-0.1131
227	266	G2	-0.9806	0.004	-0.1025
227	265	G2	-1.0445	-0.0182	-0.1132
227	239	Qm	3.0491	0.1761	-0.2209
227	240	Qm	3.0196	3.631E-04	-0.2004
227	266	Qm	3.2698	3.944E-04	-0.2029
227	265	Qm	3.2993	0.1778	-0.2233
227	239	Qs	-2.371E-09	-7.226E-10	3.335E-10

Table 27: Element Forces - Area Shells, Part 2 of 3

Area	Joint	OutputCase	M11	M22	M12
			KN-mm/mm	KN-mm/mm	KN-mm/mm
227	240	Qs	-2.271E-09	1.220E-11	2.530E-10
227	266	Qs	-2.254E-09	5.874E-11	1.784E-10
227	265	Qs	-2.723E-09	-4.505E-10	2.973E-10
227	239	T+	0.	0.	0.
227	240	T+	0.	0.	0.
227	266	T+	0.	0.	0.
227	265	T+	0.	0.	0.
227	239	T-	0.	0.	0.
227	240	T-	0.	0.	0.
227	266	T-	0.	0.	0.
227	265	T-	0.	0.	0.
227	239	W	-5.8437	-29.3951	4.3588
227	240	W	-7.1506	2.5661	-2.3275
227	266	W	1.3971	-1.8061	-0.9178
227	265	W	2.9334	10.5366	5.7686
227	239	Qm-1	4.0766	0.318	-0.0679
227	240	Qm-1	4.0944	3.226E-04	-0.0461
227	266	Qm-1	4.3661	4.377E-04	-0.0805
227	265	Qm-1	4.3463	0.3213	-0.1024
227	239	Qm-2	-0.4204	-0.0419	-0.149
227	240	Qm-2	-0.435	3.824E-05	-0.1528
227	266	Qm-2	-0.5117	-1.825E-04	-0.1412
227	265	Qm-2	-0.49	-0.0531	-0.1375
228	241	DEAD	0.	0.	0.
228	242	DEAD	0.	0.	0.
228	268	DEAD	0.	0.	0.
228	267	DEAD	0.	0.	0.
228	241	G1	7.230E-08	2.723E-09	-1.797E-08
228	242	G1	7.384E-08	-6.996E-09	-1.723E-08
228	268	G1	8.360E-08	-4.592E-09	-1.868E-08
228	267	G1	8.559E-08	6.737E-10	-1.758E-08
228	241	G2	-0.9302	-1.062E-04	0.0658
228	242	G2	-0.9158	-0.0459	0.0618
228	268	G2	-0.9628	-0.0459	0.052
228	267	G2	-0.9772	-1.087E-04	0.0559
228	241	Qm	3.5071	6.152E-04	-0.2553
228	242	Qm	3.5561	0.0621	-0.2261
228	268	Qm	3.9538	0.082	-0.2395
228	267	Qm	3.9103	8.196E-04	-0.2686
228	241	Qs	-2.729E-09	-1.141E-12	-5.891E-10
228	242	Qs	-2.820E-09	-4.241E-10	-6.475E-10
228	268	Qs	-2.921E-09	-4.916E-10	-6.778E-10
228	267	Qs	-2.892E-09	8.017E-11	-5.810E-10
228	241	T+	0.	0.	0.
228	242	T+	0.	0.	0.
228	268	T+	0.	0.	0.
228	267	T+	0.	0.	0.
228	241	T-	0.	0.	0.
228	242	T-	0.	0.	0.
228	268	T-	0.	0.	0.
228	267	T-	0.	0.	0.
228	241	W	1.7324	3.215E-04	0.5068
228	242	W	1.7176	0.0726	0.4614
228	268	W	1.1452	0.0608	0.4719

Table 27: Element Forces - Area Shells, Part 2 of 3

Area	Joint	OutputCase	M11	M22	M12
			KN-mm/mm	KN-mm/mm	KN-mm/mm
228	267	W	1.1542	5.205E-05	0.5173
228	241	Qm-1	4.5109	6.980E-04	-0.3321
228	242	Qm-1	4.5629	0.1024	-0.2981
228	268	Qm-1	5.0433	0.1336	-0.3075
228	267	Qm-1	5.0033	0.001	-0.3414
228	241	Qm-2	0.1404	-3.019E-04	-0.066
228	242	Qm-2	0.1282	0.0426	-0.0625
228	268	Qm-2	0.1774	0.0453	-0.054
228	267	Qm-2	0.1884	-1.962E-04	-0.0574
229	242	DEAD	0.	0.	0.
229	243	DEAD	0.	0.	0.
229	269	DEAD	0.	0.	0.
229	268	DEAD	0.	0.	0.
229	242	G1	7.309E-08	-6.488E-09	-1.755E-08
229	243	G1	7.306E-08	-5.020E-09	-1.781E-08
229	269	G1	8.280E-08	-5.823E-09	-1.685E-08
229	268	G1	8.499E-08	-3.912E-09	-1.781E-08
229	242	G2	-0.9158	-0.0459	0.0573
229	243	G2	-0.9058	-0.0981	0.0534
229	269	G2	-0.9528	-0.098	0.0448
229	268	G2	-0.9628	-0.0459	0.0488
229	242	Qm	3.5561	0.0621	-0.1975
229	243	Qm	3.6686	0.341	-0.1795
229	269	Qm	4.0633	0.3931	-0.2012
229	268	Qm	3.9538	0.0819	-0.2192
229	242	Qs	-2.838E-09	-5.511E-10	-6.970E-10
229	243	Qs	-3.053E-09	-1.300E-09	-6.911E-10
229	269	Qs	-3.257E-09	-1.513E-09	-6.083E-10
229	268	Qs	-2.931E-09	-5.573E-10	-6.911E-10
229	242	T+	0.	0.	0.
229	243	T+	0.	0.	0.
229	269	T+	0.	0.	0.
229	268	T+	0.	0.	0.
229	242	T-	0.	0.	0.
229	243	T-	0.	0.	0.
229	269	T-	0.	0.	0.
229	268	T-	0.	0.	0.
229	242	W	1.7176	0.0726	0.4196
229	243	W	1.7175	0.1801	0.3787
229	269	W	1.147	0.1596	0.387
229	268	W	1.1451	0.0608	0.4279
229	242	Qm-1	4.5628	0.1021	-0.2669
229	243	Qm-1	4.691	0.4778	-0.2489
229	269	Qm-1	5.1616	0.5503	-0.2672
229	268	Qm-1	5.0432	0.1332	-0.2852
229	242	Qm-2	0.1281	0.0425	-0.0619
229	243	Qm-2	0.1098	0.1126	-0.0605
229	269	Qm-2	0.1632	0.1239	-0.0476
229	268	Qm-2	0.1773	0.045	-0.0489
230	243	DEAD	0.	0.	0.
230	244	DEAD	0.	0.	0.
230	270	DEAD	0.	0.	0.
230	269	DEAD	0.	0.	0.
230	243	G1	7.160E-08	-8.608E-09	-1.684E-08

Table 27: Element Forces - Area Shells, Part 2 of 3

Area	Joint	OutputCase	M11	M22	M12
			KN-mm/mm	KN-mm/mm	KN-mm/mm
230	244	G1	7.737E-08	3.942E-09	-1.661E-08
230	270	G1	8.534E-08	5.844E-09	-1.613E-08
230	269	G1	8.357E-08	-3.328E-09	-1.697E-08
230	243	G2	-0.9058	-0.0981	0.0487
230	244	G2	-0.8997	-0.155	0.0447
230	270	G2	-0.9468	-0.1547	0.0375
230	269	G2	-0.9528	-0.098	0.0415
230	243	Qm	3.6685	0.3407	-0.1658
230	244	Qm	3.845	0.8571	-0.1638
230	270	Qm	4.2343	0.9525	-0.1914
230	269	Qm	4.0632	0.3928	-0.1933
230	243	Qs	-3.074E-09	-1.441E-09	-6.335E-10
230	244	Qs	-3.136E-09	-1.871E-09	-6.859E-10
230	270	Qs	-3.481E-09	-2.081E-09	-6.335E-10
230	269	Qs	-3.213E-09	-1.195E-09	-6.194E-10
230	243	T+	0.	0.	0.
230	244	T+	0.	0.	0.
230	270	T+	0.	0.	0.
230	269	T+	0.	0.	0.
230	243	T-	0.	0.	0.
230	244	T-	0.	0.	0.
230	270	T-	0.	0.	0.
230	269	T-	0.	0.	0.
230	243	W	1.7174	0.18	0.3405
230	244	W	1.7292	0.3214	0.3027
230	270	W	1.1589	0.2947	0.3093
230	269	W	1.1469	0.1596	0.347
230	243	Qm-1	4.6909	0.4772	-0.2382
230	244	Qm-1	4.8898	1.1569	-0.2389
230	270	Qm-1	5.3494	1.2738	-0.261
230	269	Qm-1	5.1615	0.5499	-0.2603
230	243	Qm-2	0.1099	0.113	-0.0634
230	244	Qm-2	0.0873	0.1945	-0.0677
230	270	Qm-2	0.1384	0.2247	-0.0503
230	269	Qm-2	0.1632	0.1243	-0.046
231	244	DEAD	0.	0.	0.
231	245	DEAD	0.	0.	0.
231	271	DEAD	0.	0.	0.
231	270	DEAD	0.	0.	0.
231	244	G1	7.669E-08	4.386E-09	-1.669E-08
231	245	G1	7.229E-08	1.648E-08	-1.824E-08
231	271	G1	8.870E-08	2.402E-08	-1.669E-08
231	270	G1	8.381E-08	6.018E-09	-1.575E-08
231	244	G2	-0.8997	-0.155	0.04
231	245	G2	-0.8976	-0.2149	0.036
231	271	G2	-0.9448	-0.2145	0.0301
231	270	G2	-0.9468	-0.1547	0.0342
231	244	Qm	3.8449	0.8565	-0.171
231	245	Qm	4.0789	1.6451	-0.1885
231	271	Qm	4.4601	1.7875	-0.2167
231	270	Qm	4.2342	0.952	-0.1992
231	244	Qs	-3.221E-09	-2.058E-09	-6.684E-10
231	245	Qs	-3.554E-09	-2.760E-09	-7.209E-10
231	271	Qs	-3.814E-09	-2.828E-09	-6.241E-10

Table 27: Element Forces - Area Shells, Part 2 of 3

Area	Joint	OutputCase	M11	M22	M12
			KN-mm/mm	KN-mm/mm	KN-mm/mm
231	270	Qs	-3.549E-09	-2.001E-09	-6.100E-10
231	244	T+	0.	0.	0.
231	245	T+	0.	0.	0.
231	271	T+	0.	0.	0.
231	270	T+	0.	0.	0.
231	244	T-	0.	0.	0.
231	245	T-	0.	0.	0.
231	271	T-	0.	0.	0.
231	270	T-	0.	0.	0.
231	244	W	1.7292	0.3212	0.2665
231	245	W	1.7494	0.4983	0.2314
231	271	W	1.1784	0.4651	0.2376
231	270	W	1.1589	0.2947	0.2727
231	244	Qm-1	4.8897	1.1563	-0.2504
231	245	Qm-1	5.1475	2.1774	-0.2687
231	271	Qm-1	5.5992	2.3302	-0.2879
231	270	Qm-1	5.3493	1.2733	-0.2696
231	244	Qm-2	0.0874	0.1949	-0.0742
231	245	Qm-2	0.0679	0.2622	-0.0846
231	271	Qm-2	0.1178	0.3015	-0.0702
231	270	Qm-2	0.1386	0.2255	-0.0599
232	245	DEAD	0.	0.	0.
232	246	DEAD	0.	0.	0.
232	272	DEAD	0.	0.	0.
232	271	DEAD	0.	0.	0.
232	245	G1	7.298E-08	2.063E-08	-1.669E-08
232	246	G1	7.266E-08	-4.593E-09	-1.611E-08
232	272	G1	8.269E-08	2.147E-09	-1.669E-08
232	271	G1	8.738E-08	1.793E-08	-1.788E-08
232	245	G2	-0.8976	-0.2149	0.0312
232	246	G2	-0.8992	-0.2759	0.0272
232	272	G2	-0.9463	-0.2758	0.0227
232	271	G2	-0.9448	-0.2145	0.0268
232	245	Qm	4.0788	1.6444	-0.2191
232	246	Qm	4.2838	2.3685	-0.2551
232	272	Qm	4.6558	2.549	-0.2767
232	271	Qm	4.46	1.787	-0.2407
232	245	Qs	-3.470E-09	-2.406E-09	-5.533E-10
232	246	Qs	-3.807E-09	-3.743E-09	-5.170E-10
232	272	Qs	-3.997E-09	-3.641E-09	-5.089E-10
232	271	Qs	-3.929E-09	-2.956E-09	-5.835E-10
232	245	T+	0.	0.	0.
232	246	T+	0.	0.	0.
232	272	T+	0.	0.	0.
232	271	T+	0.	0.	0.
232	245	T-	0.	0.	0.
232	246	T-	0.	0.	0.
232	272	T-	0.	0.	0.
232	271	T-	0.	0.	0.
232	245	W	1.7494	0.4982	0.1973
232	246	W	1.7743	0.7125	0.1657
232	272	W	1.2032	0.6693	0.1727
232	271	W	1.1784	0.465	0.2044
232	245	Qm-1	5.1475	2.1773	-0.298

Table 27: Element Forces - Area Shells, Part 2 of 3

Area	Joint	OutputCase	M11	M22	M12
			KN-mm/mm	KN-mm/mm	KN-mm/mm
232	246	Qm-1	5.0981	1.7679	-0.3287
232	272	Qm-1	5.545	1.9422	-0.3403
232	271	Qm-1	5.5991	2.33	-0.3096
232	245	Qm-2	0.0679	0.262	-0.0936
232	246	Qm-2	0.0531	0.3007	-0.1051
232	272	Qm-2	0.1049	0.3369	-0.0963
232	271	Qm-2	0.1177	0.3014	-0.0848
233	246	DEAD	0.	0.	0.
233	247	DEAD	0.	0.	0.
233	273	DEAD	0.	0.	0.
233	272	DEAD	0.	0.	0.
233	246	G1	7.390E-08	-3.390E-09	-1.863E-08
233	247	G1	6.600E-08	-1.479E-08	-2.005E-08
233	273	G1	7.860E-08	-1.181E-08	-1.863E-08
233	272	G1	8.311E-08	4.806E-09	-1.721E-08
233	246	G2	-0.8992	-0.2759	0.0225
233	247	G2	-0.9042	-0.3366	0.0187
233	273	G2	-0.951	-0.337	0.0156
233	272	G2	-0.9463	-0.2758	0.0195
233	246	Qm	4.2837	2.368	-0.305
233	247	Qm	4.3733	2.6861	-0.353
233	273	Qm	4.7378	2.883	-0.3616
233	272	Qm	4.6558	2.5486	-0.3136
233	246	Qs	-3.690E-09	-3.361E-09	-5.085E-10
233	247	Qs	-4.172E-09	-4.120E-09	-5.085E-10
233	273	Qs	-3.895E-09	-3.854E-09	-4.641E-10
233	272	Qs	-4.067E-09	-3.594E-09	-4.641E-10
233	246	T+	0.	0.	0.
233	247	T+	0.	0.	0.
233	273	T+	0.	0.	0.
233	272	T+	0.	0.	0.
233	246	T-	0.	0.	0.
233	247	T-	0.	0.	0.
233	273	T-	0.	0.	0.
233	272	T-	0.	0.	0.
233	246	W	1.7743	0.7125	0.1355
233	247	W	1.8019	0.9611	0.1089
233	273	W	1.232	0.904	0.1173
233	272	W	1.2032	0.6693	0.1439
233	246	Qm-1	5.0981	1.768	-0.3679
233	247	Qm-1	5.1048	1.7395	-0.4059
233	273	Qm-1	5.5442	1.9248	-0.409
233	272	Qm-1	5.545	1.9421	-0.371
233	246	Qm-2	0.053	0.3002	-0.1155
233	247	Qm-2	0.0328	0.3188	-0.1238
233	273	Qm-2	0.0879	0.3443	-0.115
233	272	Qm-2	0.1047	0.3358	-0.1067
234	247	DEAD	0.	0.	0.
234	248	DEAD	0.	0.	0.
234	274	DEAD	0.	0.	0.
234	273	DEAD	0.	0.	0.
234	247	G1	6.463E-08	-1.413E-08	-2.040E-08
234	248	G1	6.465E-08	-1.251E-08	-2.269E-08
234	274	G1	7.762E-08	-5.576E-09	-2.076E-08

Table 27: Element Forces - Area Shells, Part 2 of 3

Area	Joint	OutputCase	M11	M22	M12
			KN-mm/mm	KN-mm/mm	KN-mm/mm
234	273	G1	7.937E-08	-1.127E-08	-2.092E-08
234	247	G2	-0.9042	-0.3366	0.0143
234	248	G2	-0.9119	-0.3958	0.0108
234	274	G2	-0.9585	-0.3971	0.009
234	273	G2	-0.951	-0.337	0.0125
234	247	Qm	4.3733	2.6861	-0.4117
234	248	Qm	4.3435	2.6172	-0.4614
234	274	Qm	4.703	2.8037	-0.4541
234	273	Qm	4.7378	2.883	-0.4044
234	247	Qs	-4.164E-09	-4.113E-09	-5.183E-10
234	248	Qs	-4.232E-09	-4.496E-09	-5.486E-10
234	274	Qs	-4.330E-09	-4.612E-09	-5.183E-10
234	273	Qs	-3.994E-09	-4.036E-09	-5.264E-10
234	247	T+	0.	0.	0.
234	248	T+	0.	0.	0.
234	274	T+	0.	0.	0.
234	273	T+	0.	0.	0.
234	247	T-	0.	0.	0.
234	248	T-	0.	0.	0.
234	274	T-	0.	0.	0.
234	273	T-	0.	0.	0.
234	247	W	1.802	0.9613	0.085
234	248	W	1.833	1.2362	0.0647
234	274	W	1.2648	1.1631	0.0737
234	273	W	1.232	0.9041	0.0939
234	247	Qm-1	5.1048	1.7394	-0.4508
234	248	Qm-1	5.1698	2.0989	-0.4927
234	274	Qm-1	5.5952	2.2877	-0.4867
234	273	Qm-1	5.5442	1.9247	-0.4448
234	247	Qm-2	0.0328	0.3188	-0.1343
234	248	Qm-2	8.733E-04	0.3231	-0.1423
234	274	Qm-2	0.0446	0.3559	-0.126
234	273	Qm-2	0.0879	0.3443	-0.118
235	248	DEAD	0.	0.	0.
235	249	DEAD	0.	0.	0.
235	275	DEAD	0.	0.	0.
235	274	DEAD	0.	0.	0.
235	248	G1	6.429E-08	-1.052E-08	-2.431E-08
235	249	G1	6.830E-08	3.676E-09	-2.441E-08
235	275	G1	7.466E-08	6.241E-09	-2.360E-08
235	274	G1	7.703E-08	-3.727E-09	-2.228E-08
235	248	G2	-0.9119	-0.3958	0.0069
235	249	G2	-0.9218	-0.4528	0.0037
235	275	G2	-0.9682	-0.4548	0.003
235	274	G2	-0.9585	-0.3971	0.0062
235	248	Qm	4.3436	2.6177	-0.5152
235	249	Qm	4.1995	2.1552	-0.5563
235	275	Qm	4.5547	2.3094	-0.5353
235	274	Qm	4.7031	2.804	-0.4941
235	248	Qs	-4.219E-09	-4.399E-09	-5.277E-10
235	249	Qs	-4.436E-09	-4.815E-09	-4.752E-10
235	275	Qs	-4.232E-09	-4.801E-09	-4.833E-10
235	274	Qs	-4.351E-09	-4.452E-09	-4.974E-10
235	248	T+	0.	0.	0.

Table 27: Element Forces - Area Shells, Part 2 of 3

Area	Joint	OutputCase	M11	M22	M12
			KN-mm/mm	KN-mm/mm	KN-mm/mm
235	249	T+	0.	0.	0.
235	275	T+	0.	0.	0.
235	274	T+	0.	0.	0.
235	248	T-	0.	0.	0.
235	249	T-	0.	0.	0.
235	275	T-	0.	0.	0.
235	274	T-	0.	0.	0.
235	248	W	1.833	1.2363	0.0483
235	249	W	1.8701	1.5257	0.0343
235	275	W	1.3026	1.4386	0.0423
235	274	W	1.2648	1.1632	0.0562
235	248	Qm-1	5.1697	2.0986	-0.541
235	249	Qm-1	5.2888	2.855	-0.5835
235	275	Qm-1	5.6963	3.0363	-0.5666
235	274	Qm-1	5.5951	2.2876	-0.5242
235	248	Qm-2	9.754E-04	0.3236	-0.1521
235	249	Qm-2	-0.037	0.3038	-0.1628
235	275	Qm-2	-0.0026	0.3373	-0.1467
235	274	Qm-2	0.0448	0.3571	-0.136
236	249	DEAD	0.	0.	0.
236	250	DEAD	0.	0.	0.
236	276	DEAD	0.	0.	0.
236	275	DEAD	0.	0.	0.
236	249	G1	6.803E-08	4.506E-09	-2.491E-08
236	250	G1	6.115E-08	-2.068E-08	-2.729E-08
236	276	G1	6.647E-08	-1.815E-08	-2.526E-08
236	275	G1	7.396E-08	8.267E-09	-2.410E-08
236	249	G2	-0.9218	-0.4528	2.178E-04
236	250	G2	-0.9331	-0.5066	-0.0027
236	276	G2	-0.9796	-0.5093	-0.0025
236	275	G2	-0.9682	-0.4548	4.226E-04
236	249	Qm	4.1996	2.1558	-0.5947
236	250	Qm	4.0285	1.6535	-0.6209
236	276	Qm	4.3767	1.7659	-0.5917
236	275	Qm	4.5548	2.3098	-0.5655
236	249	Qs	-4.433E-09	-4.801E-09	-4.863E-10
236	250	Qs	-4.258E-09	-4.902E-09	-5.690E-10
236	276	Qs	-4.575E-09	-5.109E-09	-4.863E-10
236	275	Qs	-4.183E-09	-4.595E-09	-4.804E-10
236	249	T+	0.	0.	0.
236	250	T+	0.	0.	0.
236	276	T+	0.	0.	0.
236	275	T+	0.	0.	0.
236	249	T-	0.	0.	0.
236	250	T-	0.	0.	0.
236	276	T-	0.	0.	0.
236	275	T-	0.	0.	0.
236	249	W	1.8701	1.5259	0.0243
236	250	W	1.9155	1.8189	0.015
236	276	W	1.3461	1.7234	0.0206
236	275	W	1.3026	1.4387	0.0299
236	249	Qm-1	5.2888	2.855	-0.6306
236	250	Qm-1	5.0963	2.2125	-0.6679
236	276	Qm-1	5.4875	2.37	-0.6389

Table 27: Element Forces - Area Shells, Part 2 of 3

Area	Joint	OutputCase	M11	M22	M12
			KN-mm/mm	KN-mm/mm	KN-mm/mm
236	275	Qm-1	5.6963	3.0364	-0.6015
236	249	Qm-2	-0.0369	0.304	-0.1704
236	250	Qm-2	-0.0707	0.2469	-0.1791
236	276	Qm-2	-0.0421	0.2678	-0.1691
236	275	Qm-2	-0.0026	0.3374	-0.1604
237	250	DEAD	0.	0.	0.
237	251	DEAD	0.	0.	0.
237	277	DEAD	0.	0.	0.
237	276	DEAD	0.	0.	0.
237	250	G1	6.104E-08	-1.657E-08	-2.681E-08
237	251	G1	5.461E-08	-3.540E-08	-2.574E-08
237	277	G1	5.949E-08	-3.071E-08	-2.397E-08
237	276	G1	6.485E-08	-2.462E-08	-2.504E-08
237	250	G2	-0.9331	-0.5066	-0.0058
237	251	G2	-0.9453	-0.5563	-0.0085
237	277	G2	-0.9921	-0.5593	-0.0075
237	276	G2	-0.9796	-0.5093	-0.0048
237	250	Qm	4.0286	1.654	-0.6397
237	251	Qm	3.9177	1.4606	-0.6498
237	277	Qm	4.2539	1.5338	-0.6188
237	276	Qm	4.3768	1.7663	-0.6087
237	250	Qs	-4.282E-09	-4.761E-09	-4.376E-10
237	251	Qs	-4.500E-09	-5.238E-09	-3.268E-10
237	277	Qs	-4.509E-09	-5.298E-09	-3.046E-10
237	276	Qs	-4.522E-09	-5.282E-09	-4.155E-10
237	250	T+	0.	0.	0.
237	251	T+	0.	0.	0.
237	277	T+	0.	0.	0.
237	276	T+	0.	0.	0.
237	250	T-	0.	0.	0.
237	251	T-	0.	0.	0.
237	277	T-	0.	0.	0.
237	276	T-	0.	0.	0.
237	250	W	1.9155	1.8188	0.0083
237	251	W	1.9685	2.1095	7.606E-04
237	277	W	1.3943	2.0124	0.0038
237	276	W	1.3461	1.7234	0.0114
237	250	Qm-1	5.0964	2.213	-0.7054
237	251	Qm-1	4.9562	1.9578	-0.7315
237	277	Qm-1	5.3316	2.0789	-0.6925
237	276	Qm-1	5.4875	2.3702	-0.6665
237	250	Qm-2	-0.0708	0.2465	-0.1828
237	251	Qm-2	-0.1014	0.1612	-0.1845
237	277	Qm-2	-0.0773	0.1591	-0.1788
237	276	Qm-2	-0.0422	0.2671	-0.1772
238	251	DEAD	0.	0.	0.
238	252	DEAD	0.	0.	0.
238	278	DEAD	0.	0.	0.
238	277	DEAD	0.	0.	0.
238	251	G1	5.233E-08	-3.321E-08	-2.465E-08
238	252	G1	4.957E-08	-3.928E-08	-2.500E-08
238	278	G1	5.849E-08	-3.431E-08	-2.429E-08
238	277	G1	6.056E-08	-3.538E-08	-2.394E-08
238	251	G2	-0.9453	-0.5563	-0.0116

Table 27: Element Forces - Area Shells, Part 2 of 3

Area	Joint	OutputCase	M11	M22	M12
			KN-mm/mm	KN-mm/mm	KN-mm/mm
238	252	G2	-0.9581	-0.6005	-0.0143
238	278	G2	-1.0055	-0.6036	-0.0125
238	277	G2	-0.9921	-0.5593	-0.0098
238	251	Qm	3.9178	1.4609	-0.6513
238	252	Qm	3.8736	1.5524	-0.6484
238	278	Qm	4.1929	1.5961	-0.6201
238	277	Qm	4.2539	1.5341	-0.623
238	251	Qs	-4.390E-09	-5.035E-09	-2.751E-10
238	252	Qs	-4.454E-09	-5.530E-09	-2.833E-10
238	278	Qs	-4.570E-09	-5.403E-09	-2.751E-10
238	277	Qs	-4.573E-09	-5.128E-09	-3.054E-10
238	251	T+	0.	0.	0.
238	252	T+	0.	0.	0.
238	278	T+	0.	0.	0.
238	277	T+	0.	0.	0.
238	251	T-	0.	0.	0.
238	252	T-	0.	0.	0.
238	278	T-	0.	0.	0.
238	277	T-	0.	0.	0.
238	251	W	1.9684	2.1093	-0.0063
238	252	W	2.0248	2.3979	-0.0145
238	278	W	1.4448	2.3038	-0.0126
238	277	W	1.3943	2.0123	-0.0044
238	251	Qm-1	4.9563	1.9582	-0.753
238	252	Qm-1	4.8773	2.0633	-0.765
238	278	Qm-1	5.2348	2.1463	-0.7212
238	277	Qm-1	5.3317	2.0793	-0.7092
238	251	Qm-2	-0.1015	0.1609	-0.1832
238	252	Qm-2	-0.1348	0.0682	-0.1784
238	278	Qm-2	-0.1221	0.0544	-0.1703
238	277	Qm-2	-0.0774	0.1588	-0.1752
239	252	DEAD	0.	0.	0.
239	253	DEAD	0.	0.	0.
239	279	DEAD	0.	0.	0.
239	278	DEAD	0.	0.	0.
239	252	G1	4.972E-08	-3.549E-08	-2.536E-08
239	253	G1	4.951E-08	-3.748E-08	-2.500E-08
239	279	G1	4.879E-08	-4.014E-08	-2.358E-08
239	278	G1	5.975E-08	-3.416E-08	-2.394E-08
239	252	G2	-0.9581	-0.6005	-0.0173
239	253	G2	-0.9715	-0.6377	-0.02
239	279	G2	-1.0196	-0.6407	-0.0174
239	278	G2	-1.0055	-0.6036	-0.0147
239	252	Qm	3.8736	1.5524	-0.6381
239	253	Qm	3.8972	1.9169	-0.6267
239	279	Qm	4.1972	1.9418	-0.6029
239	278	Qm	4.1929	1.5962	-0.6144
239	252	Qs	-4.389E-09	-5.459E-09	-2.764E-10
239	253	Qs	-4.183E-09	-5.291E-09	-2.623E-10
239	279	Qs	-4.860E-09	-5.620E-09	-2.099E-10
239	278	Qs	-4.577E-09	-5.529E-09	-2.623E-10
239	252	T+	0.	0.	0.
239	253	T+	0.	0.	0.
239	279	T+	0.	0.	0.

Table 27: Element Forces - Area Shells, Part 2 of 3

Area	Joint	OutputCase	M11	M22	M12
			KN-mm/mm	KN-mm/mm	KN-mm/mm
239	278	T+	0.	0.	0.
239	252	T-	0.	0.	0.
239	253	T-	0.	0.	0.
239	279	T-	0.	0.	0.
239	278	T-	0.	0.	0.
239	252	W	2.0248	2.3977	-0.0241
239	253	W	2.0786	2.6879	-0.0341
239	279	W	1.4943	2.597	-0.0313
239	278	W	1.4448	2.3037	-0.0213
239	252	Qm-1	4.8773	2.0636	-0.7701
239	253	Qm-1	4.8667	2.5029	-0.7691
239	279	Qm-1	5.2032	2.5535	-0.725
239	278	Qm-1	5.2349	2.1466	-0.7261
239	252	Qm-2	-0.1348	0.0683	-0.1729
239	253	Qm-2	-0.172	-0.017	-0.1656
239	279	Qm-2	-0.1688	-0.0351	-0.1554
239	278	Qm-2	-0.122	0.0547	-0.1627
240	253	DEAD	0.	0.	0.
240	254	DEAD	0.	0.	0.
240	280	DEAD	0.	0.	0.
240	279	DEAD	0.	0.	0.
240	253	G1	4.956E-08	-3.712E-08	-2.254E-08
240	254	G1	4.156E-08	-6.918E-08	-2.209E-08
240	280	G1	4.433E-08	-6.966E-08	-2.148E-08
240	279	G1	4.971E-08	-4.329E-08	-2.316E-08
240	253	G2	-0.9715	-0.6377	-0.0232
240	254	G2	-0.9853	-0.6663	-0.026
240	280	G2	-1.0341	-0.6694	-0.0225
240	279	G2	-1.0196	-0.6407	-0.0197
240	253	Qm	3.8972	1.9168	-0.6101
240	254	Qm	3.9467	2.3524	-0.5941
240	280	Qm	4.2275	2.3667	-0.5748
240	279	Qm	4.1972	1.9418	-0.5908
240	253	Qs	-4.197E-09	-5.602E-09	-1.361E-10
240	254	Qs	-4.177E-09	-5.372E-09	-3.120E-11
240	280	Qs	-4.382E-09	-5.466E-09	-1.583E-10
240	279	Qs	-4.911E-09	-6.051E-09	-1.864E-10
240	253	T+	0.	0.	0.
240	254	T+	0.	0.	0.
240	280	T+	0.	0.	0.
240	279	T+	0.	0.	0.
240	253	T-	0.	0.	0.
240	254	T-	0.	0.	0.
240	280	T-	0.	0.	0.
240	279	T-	0.	0.	0.
240	253	W	2.0786	2.6878	-0.046
240	254	W	2.1256	2.9815	-0.0569
240	280	W	1.5402	2.891	-0.0518
240	279	W	1.4943	2.597	-0.0409
240	253	Qm-1	4.8667	2.503	-0.7612
240	254	Qm-1	4.4461	0.8604	-0.7498
240	280	Qm-1	4.7613	0.8854	-0.7081
240	279	Qm-1	5.2032	2.5537	-0.7194
240	253	Qm-2	-0.172	-0.0168	-0.1579

Table 27: Element Forces - Area Shells, Part 2 of 3

Area	Joint	OutputCase	M11	M22	M12
			KN-mm/mm	KN-mm/mm	KN-mm/mm
240	254	Qm-2	-0.2078	-0.0928	-0.1503
240	280	Qm-2	-0.2126	-0.1114	-0.1401
240	279	Qm-2	-0.1688	-0.035	-0.1477
241	254	DEAD	0.	0.	0.
241	255	DEAD	0.	0.	0.
241	281	DEAD	0.	0.	0.
241	280	DEAD	0.	0.	0.
241	254	G1	4.060E-08	-6.732E-08	-2.164E-08
241	255	G1	3.215E-08	-9.860E-08	-2.071E-08
241	281	G1	4.215E-08	-9.574E-08	-1.951E-08
241	280	G1	4.629E-08	-6.938E-08	-2.106E-08
241	254	G2	-0.9853	-0.6663	-0.0292
241	255	G2	-0.9992	-0.685	-0.032
241	281	G2	-1.0487	-0.6882	-0.0276
241	280	G2	-1.0341	-0.6694	-0.0248
241	254	Qm	3.9467	2.3522	-0.575
241	255	Qm	3.9796	2.6619	-0.5574
241	281	Qm	4.2426	2.6714	-0.5418
241	280	Qm	4.2275	2.3667	-0.5595
241	254	Qs	-4.240E-09	-5.485E-09	-1.105E-10
241	255	Qs	-4.106E-09	-5.131E-09	-1.105E-10
241	281	Qs	-4.212E-09	-5.412E-09	-1.327E-10
241	280	Qs	-4.405E-09	-5.363E-09	-1.327E-10
241	254	T+	0.	0.	0.
241	255	T+	0.	0.	0.
241	281	T+	0.	0.	0.
241	280	T+	0.	0.	0.
241	254	T-	0.	0.	0.
241	255	T-	0.	0.	0.
241	281	T-	0.	0.	0.
241	280	T-	0.	0.	0.
241	254	W	2.1257	2.9816	-0.0689
241	255	W	2.1659	3.2748	-0.0794
241	281	W	1.5821	3.1818	-0.0721
241	280	W	1.5403	2.891	-0.0617
241	254	Qm-1	4.4461	0.8605	-0.7321
241	255	Qm-1	4.0965	-0.4739	-0.7129
241	281	Qm-1	4.3922	-0.4691	-0.6752
241	280	Qm-1	4.7614	0.8855	-0.6944
241	254	Qm-2	-0.2078	-0.0928	-0.1427
241	255	Qm-2	-0.2397	-0.1594	-0.1362
241	281	Qm-2	-0.2519	-0.1751	-0.1268
241	280	Qm-2	-0.2126	-0.1114	-0.1333
242	255	DEAD	0.	0.	0.
242	256	DEAD	0.	0.	0.
242	282	DEAD	0.	0.	0.
242	281	DEAD	0.	0.	0.
242	255	G1	3.210E-08	-9.504E-08	-1.965E-08
242	256	G1	3.086E-08	-1.126E-07	-1.775E-08
242	282	G1	3.711E-08	-1.136E-07	-1.823E-08
242	281	G1	4.212E-08	-9.566E-08	-1.952E-08
242	255	G2	-0.9992	-0.685	-0.0352
242	256	G2	-1.0127	-0.6927	-0.038
242	282	G2	-1.0632	-0.6958	-0.0328

Table 27: Element Forces - Area Shells, Part 2 of 3

Area	Joint	OutputCase	M11	M22	M12
			KN-mm/mm	KN-mm/mm	KN-mm/mm
242	281	G2	-1.0487	-0.6882	-0.03
242	255	Qm	3.9796	2.6618	-0.5382
242	256	Qm	3.9939	2.8513	-0.5205
242	282	Qm	4.2413	2.859	-0.5075
242	281	Qm	4.2426	2.6713	-0.5252
242	255	Qs	-4.049E-09	-4.950E-09	-3.028E-11
242	256	Qs	-4.259E-09	-5.248E-09	1.405E-11
242	282	Qs	-3.908E-09	-5.041E-09	-8.113E-12
242	281	Qs	-4.259E-09	-5.248E-09	-5.244E-11
242	255	T+	0.	0.	0.
242	256	T+	0.	0.	0.
242	282	T+	0.	0.	0.
242	281	T+	0.	0.	0.
242	255	T-	0.	0.	0.
242	256	T-	0.	0.	0.
242	282	T-	0.	0.	0.
242	281	T-	0.	0.	0.
242	255	W	2.1659	3.2751	-0.0893
242	256	W	2.2039	3.5578	-0.0987
242	282	W	1.6216	3.4629	-0.0914
242	281	W	1.5822	3.1819	-0.082
242	255	Qm-1	4.0965	-0.4738	-0.6876
242	256	Qm-1	3.8194	-1.5071	-0.6625
242	282	Qm-1	4.0982	-1.5178	-0.6303
242	281	Qm-1	4.3922	-0.469	-0.6554
242	255	Qm-2	-0.2397	-0.1594	-0.1304
242	256	Qm-2	-0.2679	-0.2144	-0.126
242	282	Qm-2	-0.2866	-0.2258	-0.1173
242	281	Qm-2	-0.2519	-0.1751	-0.1217
243	256	DEAD	0.	0.	0.
243	257	DEAD	0.	0.	0.
243	283	DEAD	0.	0.	0.
243	282	DEAD	0.	0.	0.
243	256	G1	3.036E-08	-1.124E-07	-1.815E-08
243	257	G1	2.575E-08	-1.271E-07	-1.674E-08
243	283	G1	2.536E-08	-1.342E-07	-1.461E-08
243	282	G1	3.688E-08	-1.108E-07	-1.603E-08
243	256	G2	-1.0127	-0.6926	-0.0413
243	257	G2	-1.0254	-0.6882	-0.0443
243	283	G2	-1.0772	-0.6911	-0.0384
243	282	G2	-1.0632	-0.6958	-0.0354
243	256	Qm	3.9939	2.8512	-0.5024
243	257	Qm	3.988	2.9268	-0.4855
243	283	Qm	4.2221	2.9343	-0.474
243	282	Qm	4.2413	2.8589	-0.4909
243	256	Qs	-4.197E-09	-4.963E-09	-3.153E-11
243	257	Qs	-4.048E-09	-4.841E-09	1.280E-11
243	283	Qs	-4.246E-09	-5.080E-09	5.713E-11
243	282	Qs	-3.876E-09	-4.913E-09	1.280E-11
243	256	T+	0.	0.	0.
243	257	T+	0.	0.	0.
243	283	T+	0.	0.	0.
243	282	T+	0.	0.	0.
243	256	T-	0.	0.	0.

Table 27: Element Forces - Area Shells, Part 2 of 3

Area	Joint	OutputCase	M11	M22	M12
			KN-mm/mm	KN-mm/mm	KN-mm/mm
243	257	T-	0.	0.	0.
243	283	T-	0.	0.	0.
243	282	T-	0.	0.	0.
243	256	W	2.204	3.5581	-0.1066
243	257	W	2.2467	3.8185	-0.1163
243	283	W	1.6611	3.7266	-0.1116
243	282	W	1.6216	3.463	-0.1019
243	256	Qm-1	3.8194	-1.507	-0.6315
243	257	Qm-1	3.6175	-2.2445	-0.6021
243	283	Qm-1	3.8817	-2.2661	-0.5769
243	282	Qm-1	4.0982	-1.5177	-0.6062
243	256	Qm-2	-0.2679	-0.2145	-0.1228
243	257	Qm-2	-0.2939	-0.2548	-0.1208
243	283	Qm-2	-0.3181	-0.262	-0.112
243	282	Qm-2	-0.2866	-0.2258	-0.1141
244	257	DEAD	0.	0.	0.
244	258	DEAD	0.	0.	0.
244	284	DEAD	0.	0.	0.
244	283	DEAD	0.	0.	0.
244	257	G1	2.593E-08	-1.255E-07	-1.387E-08
244	258	G1	2.214E-08	-1.378E-07	-1.351E-08
244	284	G1	2.421E-08	-1.331E-07	-1.316E-08
244	283	G1	2.662E-08	-1.314E-07	-1.351E-08
244	257	G2	-1.0254	-0.6882	-0.0477
244	258	G2	-1.0366	-0.6705	-0.051
244	284	G2	-1.0904	-0.6728	-0.0444
244	283	G2	-1.0772	-0.6911	-0.0411
244	257	Qm	3.988	2.9267	-0.4688
244	258	Qm	3.9612	2.8945	-0.4529
244	284	Qm	4.1843	2.9023	-0.4422
244	283	Qm	4.2221	2.9343	-0.458
244	257	Qs	-4.155E-09	-5.075E-09	8.615E-11
244	258	Qs	-3.663E-09	-4.566E-09	8.615E-11
244	284	Qs	-4.282E-09	-4.782E-09	4.182E-11
244	283	Qs	-4.256E-09	-5.004E-09	4.182E-11
244	257	T+	0.	0.	0.
244	258	T+	0.	0.	0.
244	284	T+	0.	0.	0.
244	283	T+	0.	0.	0.
244	257	T-	0.	0.	0.
244	258	T-	0.	0.	0.
244	284	T-	0.	0.	0.
244	283	T-	0.	0.	0.
244	257	W	2.2467	3.8187	-0.1245
244	258	W	2.3011	4.0483	-0.1377
244	284	W	1.7029	3.9666	-0.1381
244	283	W	1.6611	3.7267	-0.125
244	257	Qm-1	3.6175	-2.2444	-0.5672
244	258	Qm-1	3.4931	-2.6894	-0.5355
244	284	Qm-1	3.7445	-2.717	-0.5183
244	283	Qm-1	3.8817	-2.266	-0.5501
244	257	Qm-2	-0.2939	-0.2548	-0.1201
244	258	Qm-2	-0.3189	-0.278	-0.12
244	284	Qm-2	-0.3476	-0.2823	-0.1104

Table 27: Element Forces - Area Shells, Part 2 of 3

Area	Joint	OutputCase	M11	M22	M12
			KN-mm/mm	KN-mm/mm	KN-mm/mm
244	283	Qm-2	-0.3181	-0.262	-0.1106
245	258	DEAD	0.	0.	0.
245	259	DEAD	0.	0.	0.
245	285	DEAD	0.	0.	0.
245	284	DEAD	0.	0.	0.
245	258	G1	2.289E-08	-1.278E-07	-1.284E-08
245	259	G1	1.782E-08	-1.323E-07	-1.214E-08
245	285	G1	2.901E-08	-1.281E-07	-1.214E-08
245	284	G1	2.580E-08	-1.318E-07	-1.284E-08
245	258	G2	-1.0366	-0.6705	-0.0548
245	259	G2	-1.0458	-0.6383	-0.0587
245	285	G2	-1.1025	-0.6396	-0.0515
245	284	G2	-1.0904	-0.6728	-0.0477
245	258	Qm	3.9612	2.8945	-0.4375
245	259	Qm	3.9135	2.7598	-0.4225
245	285	Qm	4.1275	2.7677	-0.412
245	284	Qm	4.1843	2.9023	-0.4269
245	258	Qs	-3.626E-09	-4.330E-09	5.119E-11
245	259	Qs	-3.940E-09	-4.289E-09	5.119E-11
245	285	Qs	-3.834E-09	-4.172E-09	5.119E-11
245	284	Qs	-4.220E-09	-4.491E-09	5.119E-11
245	258	T+	0.	0.	0.
245	259	T+	0.	0.	0.
245	285	T+	0.	0.	0.
245	284	T+	0.	0.	0.
245	258	T-	0.	0.	0.
245	259	T-	0.	0.	0.
245	285	T-	0.	0.	0.
245	284	T-	0.	0.	0.
245	258	W	2.3011	4.0485	-0.1503
245	259	W	2.3731	4.2455	-0.1705
245	285	W	1.748	4.1795	-0.1778
245	284	W	1.7029	3.9666	-0.1576
245	258	Qm-1	3.4931	-2.6893	-0.4988
245	259	Qm-1	3.448	-2.8418	-0.4665
245	285	Qm-1	3.6882	-2.8708	-0.4581
245	284	Qm-1	3.7446	-2.717	-0.4904
245	258	Qm-2	-0.3189	-0.278	-0.1212
245	259	Qm-2	-0.3441	-0.2827	-0.1221
245	285	Qm-2	-0.3765	-0.286	-0.1112
245	284	Qm-2	-0.3476	-0.2823	-0.1103
246	259	DEAD	0.	0.	0.
246	260	DEAD	0.	0.	0.
246	286	DEAD	0.	0.	0.
246	285	DEAD	0.	0.	0.
246	259	G1	1.959E-08	-1.300E-07	-1.114E-08
246	260	G1	2.795E-08	-1.191E-07	-1.162E-08
246	286	G1	2.810E-08	-1.162E-07	-1.220E-08
246	285	G1	2.702E-08	-1.312E-07	-1.233E-08
246	259	G2	-1.0458	-0.6382	-0.0631
246	260	G2	-1.052	-0.5902	-0.0678
246	286	G2	-1.1133	-0.59	-0.0602
246	285	G2	-1.1025	-0.6396	-0.0555
246	259	Qm	3.9135	2.7598	-0.4079

Table 27: Element Forces - Area Shells, Part 2 of 3

Area	Joint	OutputCase	M11	M22	M12
			KN-mm/mm	KN-mm/mm	KN-mm/mm
246	260	Qm	3.8455	2.527	-0.3935
246	286	Qm	4.0521	2.5344	-0.3831
246	285	Qm	4.1275	2.7677	-0.3974
246	259	Qs	-4.033E-09	-4.280E-09	3.325E-11
246	260	Qs	-3.313E-09	-3.643E-09	7.975E-11
246	286	Qs	-3.922E-09	-3.592E-09	-3.325E-11
246	285	Qs	-3.793E-09	-4.244E-09	3.542E-11
246	259	T+	0.	0.	0.
246	260	T+	0.	0.	0.
246	286	T+	0.	0.	0.
246	285	T+	0.	0.	0.
246	259	T-	0.	0.	0.
246	260	T-	0.	0.	0.
246	286	T-	0.	0.	0.
246	285	T-	0.	0.	0.
246	259	W	2.3731	4.2458	-0.1912
246	260	W	2.4706	4.4178	-0.2208
246	286	W	1.7952	4.3663	-0.236
246	285	W	1.748	4.1793	-0.2064
246	259	Qm-1	3.448	-2.8418	-0.4301
246	260	Qm-1	3.483	-2.6987	-0.3991
246	286	Qm-1	3.713	-2.7249	-0.3995
246	285	Qm-1	3.6882	-2.8708	-0.4306
246	259	Qm-2	-0.3441	-0.2827	-0.1241
246	260	Qm-2	-0.3698	-0.2696	-0.1254
246	286	Qm-2	-0.4052	-0.2738	-0.113
246	285	Qm-2	-0.3765	-0.286	-0.1117
247	260	DEAD	0.	0.	0.
247	261	DEAD	0.	0.	0.
247	287	DEAD	0.	0.	0.
247	286	DEAD	0.	0.	0.
247	260	G1	3.035E-08	-1.175E-07	-1.213E-08
247	261	G1	3.004E-08	-1.019E-07	-1.067E-08
247	287	G1	3.097E-08	-1.048E-07	-1.142E-08
247	286	G1	2.667E-08	-1.176E-07	-1.103E-08
247	260	G2	-1.052	-0.5901	-0.0731
247	261	G2	-1.0537	-0.5248	-0.079
247	287	G2	-1.1225	-0.5226	-0.0712
247	286	G2	-1.1133	-0.59	-0.0653
247	260	Qm	3.8455	2.5271	-0.3792
247	261	Qm	3.7583	2.1995	-0.365
247	287	Qm	3.9592	2.2056	-0.3548
247	286	Qm	4.0521	2.5344	-0.369
247	260	Qs	-3.352E-09	-3.920E-09	-1.250E-10
247	261	Qs	-3.462E-09	-3.220E-09	-1.007E-10
247	287	Qs	-3.613E-09	-3.493E-09	-1.693E-10
247	286	Qs	-3.944E-09	-3.636E-09	-7.850E-11
247	260	T+	0.	0.	0.
247	261	T+	0.	0.	0.
247	287	T+	0.	0.	0.
247	286	T+	0.	0.	0.
247	260	T-	0.	0.	0.
247	261	T-	0.	0.	0.
247	287	T-	0.	0.	0.

Table 27: Element Forces - Area Shells, Part 2 of 3

Area	Joint	OutputCase	M11	M22	M12
			KN-mm/mm	KN-mm/mm	KN-mm/mm
247	286	T-	0.	0.	0.
247	260	W	2.4706	4.4178	-0.2524
247	261	W	2.5989	4.5882	-0.2904
247	287	W	1.8346	4.5349	-0.3112
247	286	W	1.7951	4.3657	-0.2732
247	260	Qm-1	3.4829	-2.6988	-0.365
247	261	Qm-1	3.5975	-2.2538	-0.3365
247	287	Qm-1	3.8187	-2.2742	-0.3451
247	286	Qm-1	3.713	-2.7249	-0.3736
247	260	Qm-2	-0.3698	-0.2696	-0.1272
247	261	Qm-2	-0.396	-0.241	-0.128
247	287	Qm-2	-0.4337	-0.2476	-0.1143
247	286	Qm-2	-0.4051	-0.2738	-0.1135
248	261	DEAD	0.	0.	0.
248	262	DEAD	0.	0.	0.
248	288	DEAD	0.	0.	0.
248	287	DEAD	0.	0.	0.
248	261	G1	3.133E-08	-9.782E-08	-1.081E-08
248	262	G1	3.142E-08	-8.227E-08	-8.907E-09
248	288	G1	3.452E-08	-8.398E-08	-7.618E-09
248	287	G1	3.129E-08	-1.042E-07	-8.907E-09
248	261	G2	-1.0537	-0.5247	-0.0856
248	262	G2	-1.0484	-0.4403	-0.0933
248	288	G2	-1.1301	-0.4355	-0.0856
248	287	G2	-1.1225	-0.5227	-0.0779
248	261	Qm	3.7583	2.1996	-0.3504
248	262	Qm	3.6537	1.7795	-0.3361
248	288	Qm	3.8502	1.784	-0.3266
248	287	Qm	3.9592	2.2057	-0.341
248	261	Qs	-3.527E-09	-3.293E-09	-1.399E-10
248	262	Qs	-3.395E-09	-2.983E-09	-7.336E-11
248	288	Qs	-3.890E-09	-3.112E-09	3.747E-11
248	287	Qs	-3.622E-09	-3.388E-09	-2.902E-11
248	261	T+	0.	0.	0.
248	262	T+	0.	0.	0.
248	288	T+	0.	0.	0.
248	287	T+	0.	0.	0.
248	261	T-	0.	0.	0.
248	262	T-	0.	0.	0.
248	288	T-	0.	0.	0.
248	287	T-	0.	0.	0.
248	261	W	2.5992	4.59	-0.3303
248	262	W	2.788	4.7994	-0.3753
248	288	W	1.8339	4.731	-0.3975
248	287	W	1.8337	4.5303	-0.3526
248	261	Qm-1	3.5974	-2.2539	-0.3062
248	262	Qm-1	3.7902	-1.4985	-0.2811
248	288	Qm-1	4.004	-1.5117	-0.2966
248	287	Qm-1	3.8186	-2.2742	-0.3217
248	261	Qm-2	-0.396	-0.2409	-0.1287
248	262	Qm-2	-0.422	-0.2007	-0.1286
248	288	Qm-2	-0.4617	-0.2102	-0.1141
248	287	Qm-2	-0.4337	-0.2476	-0.1143
249	262	DEAD	0.	0.	0.

Table 27: Element Forces - Area Shells, Part 2 of 3

Area	Joint	OutputCase	M11	M22	M12
			KN-mm/mm	KN-mm/mm	KN-mm/mm
249	263	DEAD	0.	0.	0.
249	289	DEAD	0.	0.	0.
249	288	DEAD	0.	0.	0.
249	262	G1	3.139E-08	-8.262E-08	-6.907E-09
249	263	G1	4.354E-08	-4.235E-08	-7.072E-09
249	289	G1	3.902E-08	-4.875E-08	-6.198E-09
249	288	G1	3.463E-08	-8.158E-08	-8.490E-09
249	262	G2	-1.0484	-0.4401	-0.102
249	263	G2	-1.0313	-0.3328	-0.1126
249	289	G2	-1.1399	-0.3247	-0.105
249	288	G2	-1.1302	-0.4358	-0.0945
249	262	Qm	3.6537	1.7796	-0.3208
249	263	Qm	3.5339	1.2686	-0.306
249	289	Qm	3.7272	1.2711	-0.298
249	288	Qm	3.8502	1.784	-0.3128
249	262	Qs	-3.593E-09	-3.122E-09	3.496E-11
249	263	Qs	-2.905E-09	-2.025E-09	5.713E-11
249	289	Qs	-3.848E-09	-2.336E-09	-9.368E-12
249	288	Qs	-3.836E-09	-3.155E-09	-3.153E-11
249	262	T+	0.	0.	0.
249	263	T+	0.	0.	0.
249	289	T+	0.	0.	0.
249	288	T+	0.	0.	0.
249	262	T-	0.	0.	0.
249	263	T-	0.	0.	0.
249	289	T-	0.	0.	0.
249	288	T-	0.	0.	0.
249	262	W	2.7878	4.7985	-0.4557
249	263	W	3.0728	5.282	-0.4847
249	289	W	1.4555	4.9914	-0.4343
249	288	W	1.8304	4.7134	-0.4053
249	262	Qm-1	3.7902	-1.4986	-0.2549
249	263	Qm-1	4.0597	-0.4232	-0.2332
249	289	Qm-1	4.268	-0.4297	-0.2544
249	288	Qm-1	4.004	-1.5118	-0.2761
249	262	Qm-2	-0.422	-0.2006	-0.128
249	263	Qm-2	-0.4468	-0.1535	-0.127
249	289	Qm-2	-0.4885	-0.165	-0.1124
249	288	Qm-2	-0.4617	-0.2102	-0.1134
250	263	DEAD	0.	0.	0.
250	264	DEAD	0.	0.	0.
250	290	DEAD	0.	0.	0.
250	289	DEAD	0.	0.	0.
250	263	G1	4.400E-08	-4.410E-08	-4.832E-09
250	264	G1	5.170E-08	-1.124E-09	-3.188E-09
250	290	G1	5.313E-08	-5.886E-09	-3.768E-09
250	289	G1	3.906E-08	-4.940E-08	-6.026E-09
250	263	G2	-1.0317	-0.3349	-0.1267
250	264	G2	-1.0089	-0.176	-0.136
250	290	G2	-1.1633	-0.1945	-0.1238
250	289	G2	-1.1399	-0.3245	-0.1146
250	263	Qm	3.534	1.2687	-0.2897
250	264	Qm	3.4016	0.6677	-0.2744
250	290	Qm	3.5926	0.6686	-0.2689

Table 27: Element Forces - Area Shells, Part 2 of 3

Area	Joint	OutputCase	M11	M22	M12
			KN-mm/mm	KN-mm/mm	KN-mm/mm
250	289	Qm	3.7272	1.2712	-0.2842
250	263	Qs	-3.006E-09	-1.969E-09	1.314E-10
250	264	Qs	-3.009E-09	-1.573E-09	1.595E-10
250	290	Qs	-3.324E-09	-1.501E-09	1.757E-10
250	289	Qs	-3.849E-09	-2.578E-09	7.084E-11
250	263	T+	0.	0.	0.
250	264	T+	0.	0.	0.
250	290	T+	0.	0.	0.
250	289	T+	0.	0.	0.
250	263	T-	0.	0.	0.
250	264	T-	0.	0.	0.
250	290	T-	0.	0.	0.
250	289	T-	0.	0.	0.
250	263	W	3.0115	4.9755	-0.6276
250	264	W	1.5955	8.1254	0.087
250	290	W	1.3008	4.1622	0.5109
250	289	W	1.4861	5.1447	-0.2037
250	263	Qm-1	4.0597	-0.4232	-0.2107
250	264	Qm-1	4.405	0.9812	-0.1917
250	290	Qm-1	4.6099	0.9793	-0.2176
250	289	Qm-1	4.268	-0.4298	-0.2366
250	263	Qm-2	-0.4468	-0.1534	-0.1255
250	264	Qm-2	-0.4693	-0.1036	-0.1244
250	290	Qm-2	-0.5137	-0.1146	-0.1103
250	289	Qm-2	-0.4885	-0.165	-0.1114
251	264	DEAD	0.	0.	0.
251	265	DEAD	0.	0.	0.
251	291	DEAD	0.	0.	0.
251	290	DEAD	0.	0.	0.
251	264	G1	5.112E-08	-1.677E-09	-7.514E-10
251	265	G1	6.006E-08	-6.866E-09	-8.812E-10
251	291	G1	5.272E-08	-4.337E-09	-2.525E-09
251	290	G1	5.230E-08	-6.290E-09	-3.009E-09
251	264	G2	-1.0084	-0.1732	-0.144
251	265	G2	-1.0367	-0.0185	-0.1395
251	291	G2	-1.1784	-0.0787	-0.1192
251	290	G2	-1.1632	-0.194	-0.1237
251	264	Qm	3.4016	0.6678	-0.2571
251	265	Qm	3.2993	0.1778	-0.2414
251	291	Qm	3.489	0.1777	-0.2394
251	290	Qm	3.5926	0.6686	-0.2551
251	264	Qs	-2.977E-09	-1.441E-09	2.555E-10
251	265	Qs	-2.476E-09	-7.246E-10	2.474E-10
251	291	Qs	-3.198E-09	-7.538E-10	1.668E-10
251	290	Qs	-3.363E-09	-1.633E-09	1.365E-10
251	264	T+	0.	0.	0.
251	265	T+	0.	0.	0.
251	291	T+	0.	0.	0.
251	290	T+	0.	0.	0.
251	264	T-	0.	0.	0.
251	265	T-	0.	0.	0.
251	291	T-	0.	0.	0.
251	290	T-	0.	0.	0.
251	264	W	1.9943	10.119	1.9503

Table 27: Element Forces - Area Shells, Part 2 of 3

Area	Joint	OutputCase	M11	M22	M12
			KN-mm/mm	KN-mm/mm	KN-mm/mm
251	265	W	-0.0994	-5.1517	1.4095
251	291	W	2.0477	4.4059	1.064
251	290	W	1.1519	3.4178	1.6047
251	264	Qm-1	4.405	0.9812	-0.1716
251	265	Qm-1	4.3464	0.3212	-0.1541
251	291	Qm-1	4.55	0.3212	-0.1844
251	290	Qm-1	4.6099	0.9793	-0.2018
251	264	Qm-2	-0.4694	-0.1037	-0.1235
251	265	Qm-2	-0.4903	-0.053	-0.1236
251	291	Qm-2	-0.5377	-0.06	-0.1098
251	290	Qm-2	-0.5137	-0.1146	-0.1097
252	265	DEAD	0.	0.	0.
252	266	DEAD	0.	0.	0.
252	292	DEAD	0.	0.	0.
252	291	DEAD	0.	0.	0.
252	265	G1	5.997E-08	8.728E-10	-1.815E-09
252	266	G1	5.675E-08	-1.081E-09	-3.620E-10
252	292	G1	6.002E-08	3.222E-09	-1.461E-09
252	291	G1	5.364E-08	-5.958E-09	-1.071E-09
252	265	G2	-1.0363	-0.0166	-0.1198
252	266	G2	-0.9872	0.0026	-0.1213
252	292	G2	-1.2102	-8.711E-04	-0.1208
252	291	G2	-1.1785	-0.0793	-0.1194
252	265	Qm	3.2993	0.1778	-0.2234
252	266	Qm	3.2698	3.957E-04	-0.2077
252	292	Qm	3.4588	4.018E-04	-0.21
252	291	Qm	3.489	0.1778	-0.2258
252	265	Qs	-2.440E-09	-4.289E-10	2.030E-10
252	266	Qs	-2.753E-09	-3.743E-11	2.495E-10
252	292	Qs	-2.620E-09	2.001E-10	1.809E-10
252	291	Qs	-3.199E-09	-7.384E-10	2.495E-10
252	265	T+	0.	0.	0.
252	266	T+	0.	0.	0.
252	292	T+	0.	0.	0.
252	291	T+	0.	0.	0.
252	265	T-	0.	0.	0.
252	266	T-	0.	0.	0.
252	292	T-	0.	0.	0.
252	291	T-	0.	0.	0.
252	265	W	3.0426	10.5585	1.6566
252	266	W	0.8955	-1.9064	3.1831
252	292	W	2.7854	0.7525	2.8051
252	291	W	1.2864	0.5994	1.2787
252	265	Qm-1	4.3464	0.3213	-0.1348
252	266	Qm-1	4.366	4.020E-04	-0.1178
252	292	Qm-1	4.5696	4.441E-04	-0.1527
252	291	Qm-1	4.55	0.3213	-0.1697
252	265	Qm-2	-0.4903	-0.0532	-0.125
252	266	Qm-2	-0.5109	-2.436E-05	-0.1276
252	292	Qm-2	-0.5625	-1.528E-04	-0.1135
252	291	Qm-2	-0.5377	-0.0601	-0.1108
253	267	DEAD	0.	0.	0.
253	268	DEAD	0.	0.	0.
253	294	DEAD	0.	0.	0.

Table 27: Element Forces - Area Shells, Part 2 of 3

Area	Joint	OutputCase	M11	M22	M12
			KN-mm/mm	KN-mm/mm	KN-mm/mm
253	293	DEAD	0.	0.	0.
253	267	G1	9.081E-08	1.512E-09	-1.847E-08
253	268	G1	8.684E-08	-2.334E-09	-1.634E-08
253	294	G1	9.746E-08	-6.733E-09	-1.634E-08
253	293	G1	9.376E-08	-7.377E-10	-1.847E-08
253	267	G2	-0.9772	-1.083E-04	0.0455
253	268	G2	-0.9628	-0.0459	0.0429
253	294	G2	-0.9942	-0.0459	0.033
253	293	G2	-1.0086	-1.089E-04	0.0357
253	267	Qm	3.9092	6.114E-04	-0.2759
253	268	Qm	3.9541	0.0821	-0.2553
253	294	Qm	4.2442	0.1006	-0.265
253	293	Qm	4.2065	8.196E-04	-0.2855
253	267	Qs	-2.444E-09	1.153E-10	-6.552E-10
253	268	Qs	-2.968E-09	-3.592E-10	-5.665E-10
253	294	Qs	-2.613E-09	-5.968E-10	-5.222E-10
253	293	Qs	-2.732E-09	-1.127E-10	-6.108E-10
253	267	T+	0.	0.	0.
253	268	T+	0.	0.	0.
253	294	T+	0.	0.	0.
253	293	T+	0.	0.	0.
253	267	T-	0.	0.	0.
253	268	T-	0.	0.	0.
253	294	T-	0.	0.	0.
253	293	T-	0.	0.	0.
253	267	W	1.155	2.260E-04	0.5272
253	268	W	1.1448	0.0607	0.4801
253	294	W	0.5522	0.0491	0.4878
253	293	W	0.5571	-1.172E-05	0.535
253	267	Qm-1	5.0016	6.648E-04	-0.3425
253	268	Qm-1	5.0437	0.1336	-0.3186
253	294	Qm-1	5.3892	0.1594	-0.3216
253	293	Qm-1	5.3586	9.930E-04	-0.3455
253	267	Qm-2	0.1887	-1.279E-04	-0.0502
253	268	Qm-2	0.1775	0.0454	-0.0448
253	294	Qm-2	0.2382	0.0421	-0.038
253	293	Qm-2	0.2423	-4.451E-05	-0.0434
254	268	DEAD	0.	0.	0.
254	269	DEAD	0.	0.	0.
254	295	DEAD	0.	0.	0.
254	294	DEAD	0.	0.	0.
254	268	G1	8.511E-08	-5.586E-09	-1.615E-08
254	269	G1	8.291E-08	-5.445E-09	-1.602E-08
254	295	G1	9.779E-08	-7.099E-10	-1.579E-08
254	294	G1	9.861E-08	-3.909E-10	-1.531E-08
254	268	G2	-0.9628	-0.0459	0.0396
254	269	G2	-0.9528	-0.098	0.037
254	295	G2	-0.9841	-0.0979	0.0284
254	294	G2	-0.9942	-0.0459	0.0311
254	268	Qm	3.954	0.0819	-0.2352
254	269	Qm	4.0631	0.3931	-0.2242
254	295	Qm	4.3476	0.4365	-0.2415
254	294	Qm	4.2442	0.1004	-0.2525
254	268	Qs	-2.926E-09	-5.779E-10	-5.678E-10

Table 27: Element Forces - Area Shells, Part 2 of 3

Area	Joint	OutputCase	M11	M22	M12
			KN-mm/mm	KN-mm/mm	KN-mm/mm
254	269	Qs	-3.321E-09	-1.581E-09	-6.121E-10
254	295	Qs	-2.798E-09	-1.204E-09	-5.456E-10
254	294	Qs	-2.662E-09	-3.451E-10	-5.013E-10
254	268	T+	0.	0.	0.
254	269	T+	0.	0.	0.
254	295	T+	0.	0.	0.
254	294	T+	0.	0.	0.
254	268	T-	0.	0.	0.
254	269	T-	0.	0.	0.
254	295	T-	0.	0.	0.
254	294	T-	0.	0.	0.
254	268	W	1.1448	0.0607	0.4361
254	269	W	1.1469	0.1596	0.3936
254	295	W	0.5565	0.1383	0.4001
254	294	W	0.5522	0.0491	0.4426
254	268	Qm-1	5.0436	0.1333	-0.2966
254	269	Qm-1	5.1614	0.5503	-0.285
254	295	Qm-1	5.4978	0.6053	-0.2962
254	294	Qm-1	5.3892	0.1591	-0.3078
254	268	Qm-2	0.1775	0.045	-0.0395
254	269	Qm-2	0.1635	0.1239	-0.0332
254	295	Qm-2	0.2429	0.1244	-0.0245
254	294	Qm-2	0.2382	0.0422	-0.0309
255	269	DEAD	0.	0.	0.
255	270	DEAD	0.	0.	0.
255	296	DEAD	0.	0.	0.
255	295	DEAD	0.	0.	0.
255	269	G1	8.118E-08	-4.147E-09	-1.628E-08
255	270	G1	8.342E-08	5.185E-09	-1.641E-08
255	296	G1	9.883E-08	4.275E-09	-1.628E-08
255	295	G1	9.836E-08	8.720E-11	-1.676E-08
255	269	G2	-0.9528	-0.098	0.0336
255	270	G2	-0.9468	-0.1547	0.031
255	296	G2	-0.9783	-0.1546	0.0238
255	295	G2	-0.9841	-0.0979	0.0265
255	269	Qm	4.063	0.3927	-0.2165
255	270	Qm	4.2342	0.9525	-0.2175
255	296	Qm	4.511	1.0261	-0.2393
255	295	Qm	4.3476	0.4362	-0.2383
255	269	Qs	-3.243E-09	-1.258E-09	-6.044E-10
255	270	Qs	-3.415E-09	-1.993E-09	-6.126E-10
255	296	Qs	-3.162E-09	-2.319E-09	-5.601E-10
255	295	Qs	-2.822E-09	-1.090E-09	-5.904E-10
255	269	T+	0.	0.	0.
255	270	T+	0.	0.	0.
255	296	T+	0.	0.	0.
255	295	T+	0.	0.	0.
255	269	T-	0.	0.	0.
255	270	T-	0.	0.	0.
255	296	T-	0.	0.	0.
255	295	T-	0.	0.	0.
255	269	W	1.1469	0.1596	0.3537
255	270	W	1.1589	0.2947	0.3152
255	296	W	0.5695	0.2649	0.3208

Table 27: Element Forces - Area Shells, Part 2 of 3

Area	Joint	OutputCase	M11	M22	M12
			KN-mm/mm	KN-mm/mm	KN-mm/mm
255	295	W	0.5565	0.1383	0.3593
255	269	Qm-1	5.1613	0.5498	-0.2781
255	270	Qm-1	5.3495	1.2738	-0.2795
255	296	Qm-1	5.6761	1.3582	-0.2943
255	295	Qm-1	5.4977	0.6049	-0.2929
255	269	Qm-2	0.1636	0.1243	-0.0303
255	270	Qm-2	0.1364	0.2243	-0.0298
255	296	Qm-2	0.2487	0.2618	-0.0154
255	295	Qm-2	0.2426	0.1225	-0.016
256	270	DEAD	0.	0.	0.
256	271	DEAD	0.	0.	0.
256	297	DEAD	0.	0.	0.
256	296	DEAD	0.	0.	0.
256	270	G1	8.342E-08	5.040E-09	-1.596E-08
256	271	G1	8.649E-08	2.378E-08	-1.477E-08
256	297	G1	1.007E-07	2.552E-08	-1.455E-08
256	296	G1	9.917E-08	5.247E-09	-1.512E-08
256	270	G2	-0.9468	-0.1547	0.0276
256	271	G2	-0.9448	-0.2145	0.025
256	297	G2	-0.9762	-0.2144	0.0191
256	296	G2	-0.9783	-0.1546	0.0218
256	270	Qm	4.2341	0.952	-0.2254
256	271	Qm	4.4602	1.7876	-0.2397
256	297	Qm	4.728	1.8918	-0.2612
256	296	Qm	4.5109	1.0257	-0.2468
256	270	Qs	-3.347E-09	-2.013E-09	-5.434E-10
256	271	Qs	-3.735E-09	-2.799E-09	-4.991E-10
256	297	Qs	-3.370E-09	-2.855E-09	-4.548E-10
256	296	Qs	-3.189E-09	-2.064E-09	-4.991E-10
256	270	T+	0.	0.	0.
256	271	T+	0.	0.	0.
256	297	T+	0.	0.	0.
256	296	T+	0.	0.	0.
256	270	T-	0.	0.	0.
256	271	T-	0.	0.	0.
256	297	T-	0.	0.	0.
256	296	T-	0.	0.	0.
256	270	W	1.1589	0.2946	0.2785
256	271	W	1.1785	0.4651	0.2437
256	297	W	0.5895	0.4263	0.2493
256	296	W	0.5695	0.2648	0.2841
256	270	Qm-1	5.3495	1.2734	-0.2881
256	271	Qm-1	5.5993	2.3303	-0.3016
256	297	Qm-1	5.9175	2.4396	-0.3149
256	296	Qm-1	5.676	1.3578	-0.3014
256	270	Qm-2	0.1365	0.225	-0.0406
256	271	Qm-2	0.1208	0.3021	-0.0589
256	297	Qm-2	0.2037	0.3893	-0.0377
256	296	Qm-2	0.2493	0.2649	-0.0195
257	271	DEAD	0.	0.	0.
257	272	DEAD	0.	0.	0.
257	298	DEAD	0.	0.	0.
257	297	DEAD	0.	0.	0.
257	271	G1	8.521E-08	1.956E-08	-1.633E-08

Table 27: Element Forces - Area Shells, Part 2 of 3

Area	Joint	OutputCase	M11	M22	M12
			KN-mm/mm	KN-mm/mm	KN-mm/mm
257	272	G1	8.013E-08	1.811E-09	-1.798E-08
257	298	G1	9.403E-08	6.215E-09	-1.704E-08
257	297	G1	1.011E-07	2.473E-08	-1.478E-08
257	271	G2	-0.9448	-0.2145	0.0216
257	272	G2	-0.9463	-0.2758	0.019
257	298	G2	-0.9777	-0.2758	0.0145
257	297	G2	-0.9762	-0.2144	0.0171
257	271	Qm	4.4601	1.787	-0.2637
257	272	Qm	4.656	2.549	-0.2902
257	298	Qm	4.915	2.677	-0.3055
257	297	Qm	4.7279	1.8914	-0.279
257	271	Qs	-3.744E-09	-2.860E-09	-5.004E-10
257	272	Qs	-4.140E-09	-3.641E-09	-5.447E-10
257	298	Qs	-3.642E-09	-3.278E-09	-4.339E-10
257	297	Qs	-3.361E-09	-3.073E-09	-3.895E-10
257	271	T+	0.	0.	0.
257	272	T+	0.	0.	0.
257	298	T+	0.	0.	0.
257	297	T+	0.	0.	0.
257	271	T-	0.	0.	0.
257	272	T-	0.	0.	0.
257	298	T-	0.	0.	0.
257	297	T-	0.	0.	0.
257	271	W	1.1785	0.465	0.2106
257	272	W	1.2033	0.6693	0.1799
257	298	W	0.615	0.62	0.186
257	297	W	0.5895	0.4263	0.2167
257	271	Qm-1	5.5993	2.33	-0.3232
257	272	Qm-1	5.545	1.9422	-0.3461
257	298	Qm-1	5.8558	2.0684	-0.3536
257	297	Qm-1	5.9174	2.4393	-0.3307
257	271	Qm-2	0.1207	0.302	-0.0739
257	272	Qm-2	0.1029	0.3365	-0.092
257	298	Qm-2	0.2275	0.3779	-0.0923
257	297	Qm-2	0.2037	0.3892	-0.0741
258	272	DEAD	0.	0.	0.
258	273	DEAD	0.	0.	0.
258	299	DEAD	0.	0.	0.
258	298	DEAD	0.	0.	0.
258	272	G1	7.912E-08	1.295E-09	-1.758E-08
258	273	G1	7.736E-08	-1.102E-08	-1.807E-08
258	299	G1	9.029E-08	-5.621E-09	-1.723E-08
258	298	G1	9.505E-08	5.077E-09	-1.736E-08
258	272	G2	-0.9463	-0.2758	0.0157
258	273	G2	-0.951	-0.337	0.0132
258	299	G2	-0.9823	-0.3374	0.01
258	298	G2	-0.9777	-0.2758	0.0125
258	272	Qm	4.656	2.5487	-0.3269
258	273	Qm	4.738	2.8831	-0.3611
258	299	Qm	4.99	3.0213	-0.3655
258	298	Qm	4.9149	2.6767	-0.3313
258	272	Qs	-4.137E-09	-3.674E-09	-5.289E-10
258	273	Qs	-4.113E-09	-3.912E-09	-4.705E-10
258	299	Qs	-3.888E-09	-4.089E-09	-4.181E-10

Table 27: Element Forces - Area Shells, Part 2 of 3

Area	Joint	OutputCase	M11	M22	M12
			KN-mm/mm	KN-mm/mm	KN-mm/mm
258	298	Qs	-3.562E-09	-3.482E-09	-5.149E-10
258	272	T+	0.	0.	0.
258	273	T+	0.	0.	0.
258	299	T+	0.	0.	0.
258	298	T+	0.	0.	0.
258	272	T-	0.	0.	0.
258	273	T-	0.	0.	0.
258	299	T-	0.	0.	0.
258	298	T-	0.	0.	0.
258	272	W	1.2033	0.6693	0.1511
258	273	W	1.232	0.904	0.1253
258	299	W	0.6449	0.8423	0.1321
258	298	W	0.615	0.62	0.1579
258	272	Qm-1	5.545	1.9421	-0.3767
258	273	Qm-1	5.5441	1.9248	-0.4055
258	299	Qm-1	5.847	2.0597	-0.4046
258	298	Qm-1	5.8558	2.0682	-0.3757
258	272	Qm-2	0.1027	0.3354	-0.1035
258	273	Qm-2	0.0884	0.3444	-0.1029
258	299	Qm-2	0.1982	0.3485	-0.0947
258	298	Qm-2	0.2269	0.3749	-0.0953
259	273	DEAD	0.	0.	0.
259	274	DEAD	0.	0.	0.
259	300	DEAD	0.	0.	0.
259	299	DEAD	0.	0.	0.
259	273	G1	7.980E-08	-1.050E-08	-1.899E-08
259	274	G1	7.759E-08	-6.145E-09	-2.028E-08
259	300	G1	8.854E-08	1.846E-10	-1.970E-08
259	299	G1	8.890E-08	-6.012E-09	-1.780E-08
259	273	G2	-0.951	-0.337	0.0101
259	274	G2	-0.9585	-0.3971	0.0077
259	300	G2	-0.9897	-0.3979	0.0058
259	299	G2	-0.9823	-0.3374	0.0081
259	273	Qm	4.738	2.883	-0.4036
259	274	Qm	4.7032	2.8037	-0.4391
259	300	Qm	4.9508	2.9358	-0.4305
259	299	Qm	4.99	3.0212	-0.395
259	273	Qs	-4.088E-09	-4.091E-09	-4.368E-10
259	274	Qs	-4.065E-09	-4.506E-09	-5.114E-10
259	300	Qs	-4.163E-09	-4.531E-09	-4.590E-10
259	299	Qs	-3.865E-09	-3.775E-09	-4.228E-10
259	273	T+	0.	0.	0.
259	274	T+	0.	0.	0.
259	300	T+	0.	0.	0.
259	299	T+	0.	0.	0.
259	273	T-	0.	0.	0.
259	274	T-	0.	0.	0.
259	300	T-	0.	0.	0.
259	299	T-	0.	0.	0.
259	273	W	1.232	0.9041	0.102
259	274	W	1.2647	1.1631	0.0816
259	300	W	0.679	1.0883	0.0887
259	299	W	0.6449	0.8423	0.1091
259	273	Qm-1	5.544	1.9247	-0.4412

Table 27: Element Forces - Area Shells, Part 2 of 3

Area	Joint	OutputCase	M11	M22	M12
			KN-mm/mm	KN-mm/mm	KN-mm/mm
259	274	Qm-1	5.5951	2.2877	-0.4727
259	300	Qm-1	5.8885	2.4233	-0.4617
259	299	Qm-1	5.847	2.0596	-0.4302
259	273	Qm-2	0.0884	0.3444	-0.1034
259	274	Qm-2	0.0427	0.3556	-0.1026
259	300	Qm-2	0.1615	0.3935	-0.0831
259	299	Qm-2	0.1982	0.3485	-0.0838
260	274	DEAD	0.	0.	0.
260	275	DEAD	0.	0.	0.
260	301	DEAD	0.	0.	0.
260	300	DEAD	0.	0.	0.
260	274	G1	7.764E-08	-3.274E-09	-2.065E-08
260	275	G1	7.472E-08	6.335E-09	-2.159E-08
260	301	G1	8.885E-08	1.876E-08	-2.030E-08
260	300	G1	8.762E-08	-7.896E-09	-1.875E-08
260	274	G2	-0.9585	-0.3971	0.0049
260	275	G2	-0.9682	-0.4548	0.0027
260	301	G2	-0.9993	-0.4561	0.0019
260	300	G2	-0.9897	-0.3979	0.0041
260	274	Qm	4.7032	2.804	-0.4789
260	275	Qm	4.5547	2.3094	-0.5092
260	301	Qm	4.7994	2.4215	-0.4888
260	300	Qm	4.9509	2.936	-0.4584
260	274	Qs	-4.087E-09	-4.369E-09	-4.940E-10
260	275	Qs	-4.177E-09	-4.808E-09	-5.021E-10
260	301	Qs	-4.262E-09	-4.511E-09	-4.275E-10
260	300	Qs	-4.191E-09	-4.744E-09	-4.577E-10
260	274	T+	0.	0.	0.
260	275	T+	0.	0.	0.
260	301	T+	0.	0.	0.
260	300	T+	0.	0.	0.
260	274	T-	0.	0.	0.
260	275	T-	0.	0.	0.
260	301	T-	0.	0.	0.
260	300	T-	0.	0.	0.
260	274	W	1.2647	1.1631	0.0641
260	275	W	1.3025	1.4386	0.0489
260	301	W	0.7173	1.3524	0.0555
260	300	W	0.679	1.0883	0.0707
260	274	Qm-1	5.5951	2.2876	-0.5101
260	275	Qm-1	5.6965	3.0363	-0.5409
260	301	Qm-1	5.9791	3.1639	-0.5189
260	300	Qm-1	5.8885	2.4233	-0.488
260	274	Qm-2	0.0429	0.3567	-0.1137
260	275	Qm-2	4.001E-04	0.3379	-0.1315
260	301	Qm-2	0.0728	0.4217	-0.1038
260	300	Qm-2	0.1621	0.3965	-0.086
261	275	DEAD	0.	0.	0.
261	276	DEAD	0.	0.	0.
261	302	DEAD	0.	0.	0.
261	301	DEAD	0.	0.	0.
261	275	G1	7.564E-08	8.328E-09	-2.371E-08
261	276	G1	6.669E-08	-1.715E-08	-2.252E-08
261	302	G1	7.311E-08	-2.133E-08	-2.052E-08

Table 27: Element Forces - Area Shells, Part 2 of 3

Area	Joint	OutputCase	M11	M22	M12
			KN-mm/mm	KN-mm/mm	KN-mm/mm
261	301	G1	8.983E-08	1.344E-08	-2.110E-08
261	275	G2	-0.9682	-0.4548	1.667E-04
261	276	G2	-0.9796	-0.5093	-0.0018
261	302	G2	-1.0107	-0.5109	-0.0016
261	301	G2	-0.9993	-0.4561	3.543E-04
261	275	Qm	4.5548	2.3098	-0.5393
261	276	Qm	4.3766	1.7658	-0.5601
261	302	Qm	4.6175	1.8507	-0.5315
261	301	Qm	4.7995	2.4218	-0.5108
261	275	Qs	-4.249E-09	-4.597E-09	-5.046E-10
261	276	Qs	-4.369E-09	-5.031E-09	-3.856E-10
261	302	Qs	-4.540E-09	-5.254E-09	-3.273E-10
261	301	Qs	-4.347E-09	-4.920E-09	-4.078E-10
261	275	T+	0.	0.	0.
261	276	T+	0.	0.	0.
261	302	T+	0.	0.	0.
261	301	T+	0.	0.	0.
261	275	T-	0.	0.	0.
261	276	T-	0.	0.	0.
261	302	T-	0.	0.	0.
261	301	T-	0.	0.	0.
261	275	W	1.3025	1.4387	0.0364
261	276	W	1.3459	1.7234	0.0252
261	302	W	0.7596	1.6293	0.0307
261	301	W	0.7173	1.3524	0.042
261	275	Qm-1	5.6965	3.0364	-0.5756
261	276	Qm-1	5.4876	2.37	-0.6021
261	302	Qm-1	5.7598	2.4803	-0.5691
261	301	Qm-1	5.9791	3.164	-0.5427
261	275	Qm-2	4.315E-04	0.338	-0.1456
261	276	Qm-2	-0.0441	0.2674	-0.1632
261	302	Qm-2	0.0526	0.3019	-0.1576
261	301	Qm-2	0.0728	0.4218	-0.14
262	276	DEAD	0.	0.	0.
262	277	DEAD	0.	0.	0.
262	303	DEAD	0.	0.	0.
262	302	DEAD	0.	0.	0.
262	276	G1	6.429E-08	-2.454E-08	-2.226E-08
262	277	G1	5.775E-08	-3.156E-08	-2.297E-08
262	303	G1	7.169E-08	-3.328E-08	-2.155E-08
262	302	G1	7.562E-08	-1.351E-08	-2.085E-08
262	276	G2	-0.9796	-0.5093	-0.0042
262	277	G2	-0.9921	-0.5593	-0.006
262	303	G2	-1.0235	-0.5612	-0.005
262	302	G2	-1.0107	-0.5109	-0.0031
262	276	Qm	4.3766	1.7662	-0.5771
262	277	Qm	4.2537	1.5338	-0.5869
262	303	Qm	4.4882	1.5911	-0.5548
262	302	Qm	4.6176	1.851	-0.545
262	276	Qs	-4.475E-09	-5.322E-09	-3.583E-10
262	277	Qs	-4.599E-09	-5.249E-09	-3.805E-10
262	303	Qs	-4.403E-09	-5.361E-09	-3.583E-10
262	302	Qs	-4.471E-09	-5.011E-09	-3.362E-10
262	276	T+	0.	0.	0.

Table 27: Element Forces - Area Shells, Part 2 of 3

Area	Joint	OutputCase	M11	M22	M12
			KN-mm/mm	KN-mm/mm	KN-mm/mm
262	277	T+	0.	0.	0.
262	303	T+	0.	0.	0.
262	302	T+	0.	0.	0.
262	276	T-	0.	0.	0.
262	277	T-	0.	0.	0.
262	303	T-	0.	0.	0.
262	302	T-	0.	0.	0.
262	276	W	1.3459	1.7233	0.016
262	277	W	1.3943	2.0124	0.007
262	303	W	0.8051	1.9146	0.0114
262	302	W	0.7596	1.6292	0.0204
262	276	Qm-1	5.4876	2.3702	-0.6296
262	277	Qm-1	5.3316	2.0789	-0.6482
262	303	Qm-1	5.5936	2.1651	-0.6063
262	302	Qm-1	5.7598	2.4805	-0.5877
262	276	Qm-2	-0.0443	0.2667	-0.1726
262	277	Qm-2	-0.0771	0.1592	-0.171
262	303	Qm-2	-0.0199	0.1502	-0.1599
262	302	Qm-2	0.052	0.2989	-0.1614
263	277	DEAD	0.	0.	0.
263	278	DEAD	0.	0.	0.
263	304	DEAD	0.	0.	0.
263	303	DEAD	0.	0.	0.
263	277	G1	5.769E-08	-3.555E-08	-2.372E-08
263	278	G1	5.913E-08	-3.277E-08	-2.433E-08
263	304	G1	6.163E-08	-3.923E-08	-2.194E-08
263	303	G1	7.225E-08	-2.781E-08	-2.256E-08
263	277	G2	-0.9921	-0.5593	-0.0083
263	278	G2	-1.0056	-0.6036	-0.0101
263	304	G2	-1.0372	-0.6056	-0.0082
263	303	G2	-1.0235	-0.5612	-0.0063
263	277	Qm	4.2537	1.5341	-0.5912
263	278	Qm	4.1927	1.5961	-0.5911
263	304	Qm	4.4176	1.6304	-0.5595
263	303	Qm	4.4882	1.5913	-0.5596
263	277	Qs	-4.580E-09	-5.156E-09	-3.054E-10
263	278	Qs	-4.559E-09	-5.367E-09	-2.914E-10
263	304	Qs	-4.452E-09	-5.450E-09	-2.833E-10
263	303	Qs	-4.454E-09	-5.373E-09	-3.357E-10
263	277	T+	0.	0.	0.
263	278	T+	0.	0.	0.
263	304	T+	0.	0.	0.
263	303	T+	0.	0.	0.
263	277	T-	0.	0.	0.
263	278	T-	0.	0.	0.
263	304	T-	0.	0.	0.
263	303	T-	0.	0.	0.
263	277	W	1.3942	2.0123	-0.0012
263	278	W	1.4449	2.3038	-0.0096
263	304	W	0.8522	2.2054	-0.0057
263	303	W	0.8051	1.9145	0.0027
263	277	Qm-1	5.3316	2.0793	-0.6649
263	278	Qm-1	5.2347	2.1463	-0.6739
263	304	Qm-1	5.4855	2.2062	-0.6267

Table 27: Element Forces - Area Shells, Part 2 of 3

Area	Joint	OutputCase	M11	M22	M12
			KN-mm/mm	KN-mm/mm	KN-mm/mm
263	303	Qm-1	5.5936	2.1653	-0.6176
263	277	Qm-2	-0.0771	0.1588	-0.1661
263	278	Qm-2	-0.1219	0.0544	-0.1584
263	304	Qm-2	-0.0903	0.0421	-0.1433
263	303	Qm-2	-0.0195	0.1521	-0.1509
264	278	DEAD	0.	0.	0.
264	279	DEAD	0.	0.	0.
264	305	DEAD	0.	0.	0.
264	304	DEAD	0.	0.	0.
264	278	G1	5.769E-08	-3.458E-08	-2.187E-08
264	279	G1	5.423E-08	-3.982E-08	-2.126E-08
264	305	G1	5.889E-08	-3.179E-08	-2.010E-08
264	304	G1	6.297E-08	-4.190E-08	-1.949E-08
264	278	G2	-1.0056	-0.6036	-0.0124
264	279	G2	-1.0196	-0.6407	-0.0142
264	305	G2	-1.0517	-0.6427	-0.0114
264	304	G2	-1.0372	-0.6056	-0.0095
264	278	Qm	4.1928	1.5962	-0.5856
264	279	Qm	4.1972	1.9418	-0.5782
264	305	Qm	4.41	1.9597	-0.5494
264	304	Qm	4.4176	1.6306	-0.5568
264	278	Qs	-4.594E-09	-5.594E-09	-2.717E-10
264	279	Qs	-4.467E-09	-5.534E-09	-2.193E-10
264	305	Qs	-4.605E-09	-5.583E-09	-2.274E-10
264	304	Qs	-4.498E-09	-5.619E-09	-2.414E-10
264	278	T+	0.	0.	0.
264	279	T+	0.	0.	0.
264	305	T+	0.	0.	0.
264	304	T+	0.	0.	0.
264	278	T-	0.	0.	0.
264	279	T-	0.	0.	0.
264	305	T-	0.	0.	0.
264	304	T-	0.	0.	0.
264	278	W	1.4448	2.3037	-0.0183
264	279	W	1.4944	2.597	-0.0269
264	305	W	0.8989	2.4993	-0.0225
264	304	W	0.8522	2.2053	-0.0138
264	278	Qm-1	5.2347	2.1466	-0.6788
264	279	Qm-1	5.2031	2.5535	-0.6785
264	305	Qm-1	5.4411	2.5896	-0.6297
264	304	Qm-1	5.4855	2.2065	-0.6301
264	278	Qm-2	-0.1218	0.0547	-0.1506
264	279	Qm-2	-0.1687	-0.0351	-0.143
264	305	Qm-2	-0.1523	-0.0493	-0.1279
264	304	Qm-2	-0.0903	0.042	-0.1355
265	279	DEAD	0.	0.	0.
265	280	DEAD	0.	0.	0.
265	306	DEAD	0.	0.	0.
265	305	DEAD	0.	0.	0.
265	279	G1	5.283E-08	-4.081E-08	-2.170E-08
265	280	G1	4.648E-08	-6.888E-08	-2.206E-08
265	306	G1	5.208E-08	-7.224E-08	-2.170E-08
265	305	G1	5.858E-08	-3.603E-08	-2.135E-08
265	279	G2	-1.0196	-0.6407	-0.0165

Table 27: Element Forces - Area Shells, Part 2 of 3

Area	Joint	OutputCase	M11	M22	M12
			KN-mm/mm	KN-mm/mm	KN-mm/mm
265	280	G2	-1.0341	-0.6694	-0.0184
265	306	G2	-1.0667	-0.6714	-0.0146
265	305	G2	-1.0517	-0.6427	-0.0128
265	279	Qm	4.1972	1.9418	-0.5662
265	280	Qm	4.2275	2.3667	-0.5543
265	306	Qm	4.4274	2.3739	-0.5292
265	305	Qm	4.41	1.9597	-0.5412
265	279	Qs	-4.429E-09	-5.812E-09	-2.244E-10
265	280	Qs	-4.667E-09	-5.613E-09	-2.466E-10
265	306	Qs	-4.038E-09	-5.388E-09	-3.131E-10
265	305	Qs	-4.731E-09	-5.865E-09	-2.909E-10
265	279	T+	0.	0.	0.
265	280	T+	0.	0.	0.
265	306	T+	0.	0.	0.
265	305	T+	0.	0.	0.
265	279	T-	0.	0.	0.
265	280	T-	0.	0.	0.
265	306	T-	0.	0.	0.
265	305	T-	0.	0.	0.
265	279	W	1.4944	2.597	-0.0364
265	280	W	1.5403	2.891	-0.0455
265	306	W	0.9434	2.7937	-0.0398
265	305	W	0.8989	2.4993	-0.0308
265	279	Qm-1	5.2032	2.5537	-0.673
265	280	Qm-1	4.7613	0.8854	-0.6648
265	306	Qm-1	4.9855	0.902	-0.6176
265	305	Qm-1	5.4411	2.5898	-0.6259
265	279	Qm-2	-0.1687	-0.035	-0.1352
265	280	Qm-2	-0.2126	-0.1114	-0.1285
265	306	Qm-2	-0.2064	-0.1248	-0.1144
265	305	Qm-2	-0.1523	-0.0493	-0.1211
266	280	DEAD	0.	0.	0.
266	281	DEAD	0.	0.	0.
266	307	DEAD	0.	0.	0.
266	306	DEAD	0.	0.	0.
266	280	G1	4.652E-08	-7.034E-08	-2.136E-08
266	281	G1	4.110E-08	-9.600E-08	-1.981E-08
266	307	G1	4.142E-08	-1.011E-07	-1.959E-08
266	306	G1	5.183E-08	-6.896E-08	-2.052E-08
266	280	G2	-1.0341	-0.6694	-0.0207
266	281	G2	-1.0487	-0.6882	-0.0226
266	307	G2	-1.082	-0.6902	-0.018
266	306	G2	-1.0667	-0.6714	-0.0161
266	280	Qm	4.2275	2.3667	-0.539
266	281	Qm	4.2427	2.6714	-0.5245
266	307	Qm	4.4299	2.6723	-0.5031
266	306	Qm	4.4274	2.3739	-0.5175
266	280	Qs	-4.622E-09	-5.313E-09	-2.572E-10
266	281	Qs	-4.072E-09	-5.441E-09	-1.907E-10
266	307	Qs	-4.558E-09	-5.460E-09	-1.907E-10
266	306	Qs	-3.986E-09	-5.477E-09	-2.572E-10
266	280	T+	0.	0.	0.
266	281	T+	0.	0.	0.
266	307	T+	0.	0.	0.

Table 27: Element Forces - Area Shells, Part 2 of 3

Area	Joint	OutputCase	M11	M22	M12
			KN-mm/mm	KN-mm/mm	KN-mm/mm
266	306	T+	0.	0.	0.
266	280	T-	0.	0.	0.
266	281	T-	0.	0.	0.
266	307	T-	0.	0.	0.
266	306	T-	0.	0.	0.
266	280	W	1.5403	2.891	-0.0553
266	281	W	1.5821	3.1818	-0.0647
266	307	W	0.9846	3.085	-0.0577
266	306	W	0.9434	2.7937	-0.0484
266	280	Qm-1	4.7614	0.8855	-0.6512
266	281	Qm-1	4.3922	-0.4691	-0.6369
266	307	Qm-1	4.6027	-0.4675	-0.5937
266	306	Qm-1	4.9855	0.9022	-0.608
266	280	Qm-2	-0.2126	-0.1114	-0.1217
266	281	Qm-2	-0.2518	-0.1751	-0.1163
266	307	Qm-2	-0.253	-0.1864	-0.1037
266	306	Qm-2	-0.2064	-0.1248	-0.109
267	281	DEAD	0.	0.	0.
267	282	DEAD	0.	0.	0.
267	308	DEAD	0.	0.	0.
267	307	DEAD	0.	0.	0.
267	281	G1	4.111E-08	-9.549E-08	-1.875E-08
267	282	G1	3.448E-08	-1.141E-07	-1.768E-08
267	308	G1	3.486E-08	-1.193E-07	-1.627E-08
267	307	G1	4.202E-08	-9.984E-08	-1.733E-08
267	281	G2	-1.0487	-0.6882	-0.025
267	282	G2	-1.0632	-0.6958	-0.027
267	308	G2	-1.0972	-0.6977	-0.0215
267	307	G2	-1.082	-0.6902	-0.0195
267	281	Qm	4.2427	2.6713	-0.508
267	282	Qm	4.2413	2.859	-0.4926
267	308	Qm	4.4169	2.8568	-0.4741
267	307	Qm	4.4299	2.6723	-0.4895
267	281	Qs	-4.115E-09	-5.225E-09	-1.007E-10
267	282	Qs	-4.221E-09	-5.074E-09	-4.228E-11
267	308	Qs	-4.088E-09	-5.153E-09	-7.850E-11
267	307	Qs	-4.443E-09	-5.650E-09	-1.753E-10
267	281	T+	0.	0.	0.
267	282	T+	0.	0.	0.
267	308	T+	0.	0.	0.
267	307	T+	0.	0.	0.
267	281	T-	0.	0.	0.
267	282	T-	0.	0.	0.
267	308	T-	0.	0.	0.
267	307	T-	0.	0.	0.
267	281	W	1.5821	3.1819	-0.0745
267	282	W	1.6214	3.4629	-0.0845
267	308	W	1.0219	3.3683	-0.0769
267	307	W	0.9846	3.085	-0.0669
267	281	Qm-1	4.3923	-0.469	-0.6172
267	282	Qm-1	4.0983	-1.5178	-0.5985
267	308	Qm-1	4.296	-1.5273	-0.5612
267	307	Qm-1	4.6027	-0.4674	-0.5799
267	281	Qm-2	-0.2518	-0.1751	-0.1112

Table 27: Element Forces - Area Shells, Part 2 of 3

Area	Joint	OutputCase	M11	M22	M12
			KN-mm/mm	KN-mm/mm	KN-mm/mm
267	282	Qm-2	-0.2866	-0.2258	-0.1074
267	308	Qm-2	-0.2934	-0.2343	-0.0958
267	307	Qm-2	-0.253	-0.1864	-0.0996
268	282	DEAD	0.	0.	0.
268	283	DEAD	0.	0.	0.
268	309	DEAD	0.	0.	0.
268	308	DEAD	0.	0.	0.
268	282	G1	3.500E-08	-1.119E-07	-1.481E-08
268	283	G1	2.951E-08	-1.336E-07	-1.326E-08
268	309	G1	3.257E-08	-1.283E-07	-1.304E-08
268	308	G1	3.492E-08	-1.204E-07	-1.397E-08
268	282	G2	-1.0632	-0.6958	-0.0296
268	283	G2	-1.0772	-0.6912	-0.0317
268	309	G2	-1.1124	-0.6927	-0.0252
268	308	G2	-1.0972	-0.6977	-0.0231
268	282	Qm	4.2413	2.8589	-0.476
268	283	Qm	4.2222	2.9343	-0.4606
268	309	Qm	4.3875	2.9307	-0.4443
268	308	Qm	4.4169	2.8567	-0.4597
268	282	Qs	-4.126E-09	-4.956E-09	4.947E-11
268	283	Qs	-4.053E-09	-5.093E-09	7.975E-11
268	309	Qs	-4.087E-09	-4.895E-09	2.731E-11
268	308	Qs	-4.103E-09	-5.276E-09	3.542E-11
268	282	T+	0.	0.	0.
268	283	T+	0.	0.	0.
268	309	T+	0.	0.	0.
268	308	T+	0.	0.	0.
268	282	T-	0.	0.	0.
268	283	T-	0.	0.	0.
268	309	T-	0.	0.	0.
268	308	T-	0.	0.	0.
268	282	W	1.6214	3.463	-0.095
268	283	W	1.6607	3.7266	-0.1071
268	309	W	1.0546	3.6382	-0.0998
268	308	W	1.0219	3.3683	-0.0878
268	282	Qm-1	4.0983	-1.5177	-0.5745
268	283	Qm-1	3.8817	-2.2661	-0.553
268	309	Qm-1	4.068	-2.2831	-0.523
268	308	Qm-1	4.296	-1.5272	-0.5446
268	282	Qm-2	-0.2866	-0.2258	-0.1042
268	283	Qm-2	-0.318	-0.262	-0.1019
268	309	Qm-2	-0.3292	-0.268	-0.0908
268	308	Qm-2	-0.2934	-0.2344	-0.093
269	283	DEAD	0.	0.	0.
269	284	DEAD	0.	0.	0.
269	310	DEAD	0.	0.	0.
269	309	DEAD	0.	0.	0.
269	283	G1	3.201E-08	-1.308E-07	-1.338E-08
269	284	G1	2.844E-08	-1.325E-07	-1.329E-08
269	310	G1	3.228E-08	-1.380E-07	-1.303E-08
269	309	G1	3.110E-08	-1.288E-07	-1.435E-08
269	283	G2	-1.0772	-0.6912	-0.0345
269	284	G2	-1.0904	-0.6728	-0.037
269	310	G2	-1.1274	-0.6737	-0.0296

Table 27: Element Forces - Area Shells, Part 2 of 3

Area	Joint	OutputCase	M11	M22	M12
			KN-mm/mm	KN-mm/mm	KN-mm/mm
269	309	G2	-1.1124	-0.6927	-0.0271
269	283	Qm	4.2222	2.9343	-0.4446
269	284	Qm	4.1843	2.9023	-0.4296
269	310	Qm	4.3408	2.8982	-0.4146
269	309	Qm	4.3875	2.9306	-0.4297
269	283	Qs	-4.075E-09	-5.011E-09	9.084E-11
269	284	Qs	-4.168E-09	-4.707E-09	-8.113E-12
269	310	Qs	-3.665E-09	-4.623E-09	2.434E-11
269	309	Qs	-3.974E-09	-4.868E-09	-3.028E-11
269	283	T+	0.	0.	0.
269	284	T+	0.	0.	0.
269	310	T+	0.	0.	0.
269	309	T+	0.	0.	0.
269	283	T-	0.	0.	0.
269	284	T-	0.	0.	0.
269	310	T-	0.	0.	0.
269	309	T-	0.	0.	0.
269	283	W	1.6607	3.7267	-0.1205
269	284	W	1.7023	3.9665	-0.1372
269	310	W	1.0805	3.8894	-0.1308
269	309	W	1.0545	3.6381	-0.1141
269	283	Qm-1	3.8817	-2.266	-0.5262
269	284	Qm-1	3.7446	-2.717	-0.5032
269	310	Qm-1	3.9206	-2.7381	-0.4817
269	309	Qm-1	4.068	-2.2831	-0.5047
269	283	Qm-2	-0.318	-0.262	-0.1004
269	284	Qm-2	-0.3476	-0.2823	-0.0994
269	310	Qm-2	-0.3623	-0.2865	-0.0879
269	309	Qm-2	-0.3292	-0.268	-0.089
270	284	DEAD	0.	0.	0.
270	285	DEAD	0.	0.	0.
270	311	DEAD	0.	0.	0.
270	310	DEAD	0.	0.	0.
270	284	G1	3.096E-08	-1.305E-07	-1.144E-08
270	285	G1	2.337E-08	-1.301E-07	-1.157E-08
270	311	G1	3.881E-08	-1.263E-07	-1.108E-08
270	310	G1	3.312E-08	-1.324E-07	-1.157E-08
270	284	G2	-1.0904	-0.6728	-0.0402
270	285	G2	-1.1026	-0.6396	-0.0433
270	311	G2	-1.1424	-0.6394	-0.0348
270	310	G2	-1.1274	-0.6738	-0.0318
270	284	Qm	4.1843	2.9023	-0.4143
270	285	Qm	4.1276	2.7677	-0.3998
270	311	Qm	4.2766	2.7634	-0.3859
270	310	Qm	4.3408	2.8981	-0.4003
270	284	Qs	-4.092E-09	-4.419E-09	2.856E-11
270	285	Qs	-4.085E-09	-4.241E-09	-2.388E-11
270	311	Qs	-3.458E-09	-4.040E-09	-1.577E-11
270	310	Qs	-3.547E-09	-4.280E-09	-1.715E-12
270	284	T+	0.	0.	0.
270	285	T+	0.	0.	0.
270	311	T+	0.	0.	0.
270	310	T+	0.	0.	0.
270	284	T-	0.	0.	0.

Table 27: Element Forces - Area Shells, Part 2 of 3

Area	Joint	OutputCase	M11	M22	M12
			KN-mm/mm	KN-mm/mm	KN-mm/mm
270	285	T-	0.	0.	0.
270	311	T-	0.	0.	0.
270	310	T-	0.	0.	0.
270	284	W	1.7023	3.9665	-0.1567
270	285	W	1.7475	4.1794	-0.1806
270	311	W	1.0955	4.1164	-0.1748
270	310	W	1.0805	3.8892	-0.1509
270	284	Qm-1	3.7446	-2.717	-0.4753
270	285	Qm-1	3.6882	-2.8708	-0.452
270	311	Qm-1	3.8551	-2.8929	-0.4395
270	310	Qm-1	3.9206	-2.7381	-0.4628
270	284	Qm-2	-0.3476	-0.2823	-0.0992
270	285	Qm-2	-0.3764	-0.286	-0.0989
270	311	Qm-2	-0.3938	-0.2895	-0.0867
270	310	Qm-2	-0.3623	-0.2865	-0.0869
271	285	DEAD	0.	0.	0.
271	286	DEAD	0.	0.	0.
271	312	DEAD	0.	0.	0.
271	311	DEAD	0.	0.	0.
271	285	G1	2.347E-08	-1.322E-07	-1.164E-08
271	286	G1	3.052E-08	-1.164E-07	-1.177E-08
271	312	G1	3.499E-08	-1.203E-07	-1.129E-08
271	311	G1	3.761E-08	-1.246E-07	-1.177E-08
271	285	G2	-1.1026	-0.6396	-0.0473
271	286	G2	-1.1134	-0.59	-0.0512
271	312	G2	-1.1577	-0.5883	-0.0415
271	311	G2	-1.1424	-0.6395	-0.0376
271	285	Qm	4.1276	2.7677	-0.3853
271	286	Qm	4.0522	2.5344	-0.3714
271	312	Qm	4.1951	2.5302	-0.3581
271	311	Qm	4.2766	2.7634	-0.372
271	285	Qs	-4.104E-09	-4.329E-09	-6.273E-11
271	286	Qs	-3.471E-09	-3.452E-09	-3.028E-11
271	312	Qs	-3.644E-09	-3.625E-09	-1.292E-10
271	311	Qs	-3.404E-09	-4.050E-09	-8.113E-12
271	285	T+	0.	0.	0.
271	286	T+	0.	0.	0.
271	312	T+	0.	0.	0.
271	311	T+	0.	0.	0.
271	285	T-	0.	0.	0.
271	286	T-	0.	0.	0.
271	312	T-	0.	0.	0.
271	311	T-	0.	0.	0.
271	285	W	1.7474	4.1792	-0.2092
271	286	W	1.7935	4.3659	-0.2411
271	312	W	1.0924	4.3116	-0.2341
271	311	W	1.0954	4.1161	-0.2022
271	285	Qm-1	3.6882	-2.8708	-0.4245
271	286	Qm-1	3.7131	-2.7249	-0.4021
271	312	Qm-1	3.8718	-2.7453	-0.3985
271	311	Qm-1	3.8551	-2.8929	-0.4209
271	285	Qm-2	-0.3764	-0.286	-0.0994
271	286	Qm-2	-0.4051	-0.2738	-0.0994
271	312	Qm-2	-0.4245	-0.2777	-0.0861

Table 27: Element Forces - Area Shells, Part 2 of 3

Area	Joint	OutputCase	M11	M22	M12
			KN-mm/mm	KN-mm/mm	KN-mm/mm
271	311	Qm-2	-0.3938	-0.2895	-0.0861
272	286	DEAD	0.	0.	0.
272	287	DEAD	0.	0.	0.
272	313	DEAD	0.	0.	0.
272	312	DEAD	0.	0.	0.
272	286	G1	2.982E-08	-1.177E-07	-1.145E-08
272	287	G1	2.846E-08	-1.038E-07	-1.039E-08
272	313	G1	3.425E-08	-1.062E-07	-8.615E-09
272	312	G1	3.445E-08	-1.185E-07	-9.678E-09
272	286	G2	-1.1134	-0.59	-0.0563
272	287	G2	-1.1226	-0.5226	-0.0614
272	313	G2	-1.1742	-0.5191	-0.0503
272	312	G2	-1.1577	-0.5884	-0.0452
272	286	Qm	4.0522	2.5344	-0.3573
272	287	Qm	3.9592	2.2057	-0.3439
272	313	Qm	4.0971	2.2016	-0.3315
272	312	Qm	4.1951	2.5302	-0.3449
272	286	Qs	-3.564E-09	-3.536E-09	-9.678E-11
272	287	Qs	-4.118E-09	-3.598E-09	-5.244E-11
272	313	Qs	-3.547E-09	-3.453E-09	5.838E-11
272	312	Qs	-3.611E-09	-3.722E-09	1.405E-11
272	286	T+	0.	0.	0.
272	287	T+	0.	0.	0.
272	313	T+	0.	0.	0.
272	312	T+	0.	0.	0.
272	286	T-	0.	0.	0.
272	287	T-	0.	0.	0.
272	313	T-	0.	0.	0.
272	312	T-	0.	0.	0.
272	286	W	1.7934	4.3654	-0.2784
272	287	W	1.8368	4.5353	-0.3131
272	313	W	1.0559	4.4598	-0.3013
272	312	W	1.0923	4.3109	-0.2666
272	286	Qm-1	3.713	-2.7249	-0.3762
272	287	Qm-1	3.8187	-2.2741	-0.3555
272	313	Qm-1	3.9703	-2.291	-0.3603
272	312	Qm-1	3.8718	-2.7453	-0.381
272	286	Qm-2	-0.4051	-0.2738	-0.0999
272	287	Qm-2	-0.4337	-0.2476	-0.0997
272	313	Qm-2	-0.4546	-0.2526	-0.0854
272	312	Qm-2	-0.4245	-0.2777	-0.0855
273	287	DEAD	0.	0.	0.
273	288	DEAD	0.	0.	0.
273	314	DEAD	0.	0.	0.
273	313	DEAD	0.	0.	0.
273	287	G1	2.810E-08	-1.043E-07	-8.954E-09
273	288	G1	3.342E-08	-8.286E-08	-7.986E-09
273	314	G1	3.896E-08	-8.192E-08	-8.245E-09
273	313	G1	3.510E-08	-1.053E-07	-7.986E-09
273	287	G2	-1.1226	-0.5227	-0.0681
273	288	G2	-1.1304	-0.4355	-0.0746
273	314	G2	-1.1937	-0.4308	-0.0616
273	313	G2	-1.1743	-0.5192	-0.0551
273	287	Qm	3.9592	2.2057	-0.33

Table 27: Element Forces - Area Shells, Part 2 of 3

Area	Joint	OutputCase	M11	M22	M12
			KN-mm/mm	KN-mm/mm	KN-mm/mm
273	288	Qm	3.8502	1.784	-0.317
273	314	Qm	3.984	1.78	-0.3059
273	313	Qm	4.0971	2.2016	-0.3189
273	287	Qs	-3.986E-09	-3.426E-09	3.028E-11
273	288	Qs	-3.741E-09	-3.135E-09	3.028E-11
273	314	Qs	-3.593E-09	-2.988E-09	8.113E-12
273	313	Qs	-3.636E-09	-3.539E-09	8.113E-12
273	287	T+	0.	0.	0.
273	288	T+	0.	0.	0.
273	314	T+	0.	0.	0.
273	313	T+	0.	0.	0.
273	287	T-	0.	0.	0.
273	288	T-	0.	0.	0.
273	314	T-	0.	0.	0.
273	313	T-	0.	0.	0.
273	287	W	1.8359	4.5307	-0.3547
273	288	W	1.8145	4.7271	-0.3635
273	314	W	0.9624	4.5137	-0.3291
273	313	W	1.0559	4.4599	-0.3203
273	287	Qm-1	3.8187	-2.2742	-0.3321
273	288	Qm-1	4.0041	-1.5117	-0.3137
273	314	Qm-1	4.1497	-1.524	-0.326
273	313	Qm-1	3.9703	-2.2911	-0.3444
273	287	Qm-2	-0.4337	-0.2476	-0.0997
273	288	Qm-2	-0.4617	-0.2102	-0.0991
273	314	Qm-2	-0.4839	-0.2166	-0.0841
273	313	Qm-2	-0.4546	-0.2526	-0.0847
274	288	DEAD	0.	0.	0.
274	289	DEAD	0.	0.	0.
274	315	DEAD	0.	0.	0.
274	314	DEAD	0.	0.	0.
274	288	G1	3.345E-08	-8.104E-08	-7.371E-09
274	289	G1	3.856E-08	-4.828E-08	-6.307E-09
274	315	G1	5.167E-08	-4.739E-08	-7.371E-09
274	314	G1	3.697E-08	-8.392E-08	-8.435E-09
274	288	G2	-1.1305	-0.4359	-0.0834
274	289	G2	-1.1404	-0.3248	-0.0903
274	315	G2	-1.2189	-0.3249	-0.074
274	314	G2	-1.1938	-0.4309	-0.067
274	288	Qm	3.8502	1.784	-0.3032
274	289	Qm	3.7272	1.2711	-0.2906
274	315	Qm	3.8578	1.2674	-0.2814
274	314	Qm	3.984	1.78	-0.2941
274	288	Qs	-3.676E-09	-3.147E-09	-1.405E-11
274	289	Qs	-3.994E-09	-2.357E-09	3.028E-11
274	315	Qs	-3.136E-09	-2.308E-09	5.244E-11
274	314	Qs	-3.628E-09	-3.122E-09	8.113E-12
274	288	T+	0.	0.	0.
274	289	T+	0.	0.	0.
274	315	T+	0.	0.	0.
274	314	T+	0.	0.	0.
274	288	T-	0.	0.	0.
274	289	T-	0.	0.	0.
274	315	T-	0.	0.	0.

Table 27: Element Forces - Area Shells, Part 2 of 3

Area	Joint	OutputCase	M11	M22	M12
			KN-mm/mm	KN-mm/mm	KN-mm/mm
274	314	T-	0.	0.	0.
274	288	W	1.811	4.7095	-0.3568
274	289	W	1.546	5.0095	-0.2306
274	315	W	0.875	4.284	-0.1542
274	314	W	0.9648	4.5254	-0.2805
274	288	Qm-1	4.0041	-1.5118	-0.2932
274	289	Qm-1	4.2681	-0.4297	-0.2771
274	315	Qm-1	4.4091	-0.4375	-0.2957
274	314	Qm-1	4.1497	-1.5241	-0.3119
274	288	Qm-2	-0.4617	-0.2102	-0.0984
274	289	Qm-2	-0.4885	-0.165	-0.0975
274	315	Qm-2	-0.512	-0.1721	-0.0824
274	314	Qm-2	-0.4839	-0.2165	-0.0833
275	289	DEAD	0.	0.	0.
275	290	DEAD	0.	0.	0.
275	316	DEAD	0.	0.	0.
275	315	DEAD	0.	0.	0.
275	289	G1	3.832E-08	-4.827E-08	-6.907E-09
275	290	G1	5.024E-08	-7.502E-09	-6.198E-09
275	316	G1	5.459E-08	-1.055E-08	-6.198E-09
275	315	G1	5.166E-08	-4.510E-08	-6.907E-09
275	289	G2	-1.1404	-0.3246	-0.0986
275	290	G2	-1.161	-0.194	-0.1021
275	316	G2	-1.2488	-0.2101	-0.0814
275	315	G2	-1.2188	-0.3247	-0.0778
275	289	Qm	3.7272	1.2712	-0.2768
275	290	Qm	3.5926	0.6686	-0.2646
275	316	Qm	3.7208	0.6655	-0.2582
275	315	Qm	3.8579	1.2675	-0.2704
275	289	Qs	-3.907E-09	-2.561E-09	3.199E-11
275	290	Qs	-3.446E-09	-1.624E-09	2.388E-11
275	316	Qs	-3.290E-09	-1.865E-09	3.199E-11
275	315	Qs	-3.194E-09	-2.092E-09	1.715E-12
275	289	T+	0.	0.	0.
275	290	T+	0.	0.	0.
275	316	T+	0.	0.	0.
275	315	T+	0.	0.	0.
275	289	T-	0.	0.	0.
275	290	T-	0.	0.	0.
275	316	T-	0.	0.	0.
275	315	T-	0.	0.	0.
275	289	W	1.5767	5.1628	0.0878
275	290	W	1.2036	4.1427	0.3907
275	316	W	1.0721	3.4234	0.349
275	315	W	0.8704	4.2606	0.0461
275	289	Qm-1	4.2681	-0.4297	-0.2592
275	290	Qm-1	4.61	0.9793	-0.2451
275	316	Qm-1	4.7478	0.9751	-0.2693
275	315	Qm-1	4.4091	-0.4376	-0.2835
275	289	Qm-2	-0.4885	-0.165	-0.0966
275	290	Qm-2	-0.5137	-0.1146	-0.0958
275	316	Qm-2	-0.5388	-0.121	-0.0807
275	315	Qm-2	-0.512	-0.1721	-0.0815
276	290	DEAD	0.	0.	0.

Table 27: Element Forces - Area Shells, Part 2 of 3

Area	Joint	OutputCase	M11	M22	M12
			KN-mm/mm	KN-mm/mm	KN-mm/mm
276	291	DEAD	0.	0.	0.
276	317	DEAD	0.	0.	0.
276	316	DEAD	0.	0.	0.
276	290	G1	4.949E-08	-5.917E-09	-4.450E-09
276	291	G1	5.584E-08	-5.353E-09	-3.031E-09
276	317	G1	5.534E-08	-4.321E-09	-3.741E-09
276	316	G1	5.513E-08	-1.103E-08	-5.159E-09
276	290	G2	-1.1609	-0.1935	-0.103
276	291	G2	-1.1831	-0.0796	-0.103
276	317	G2	-1.2807	-0.1001	-0.0824
276	316	G2	-1.2487	-0.21	-0.0824
276	290	Qm	3.5926	0.6686	-0.2508
276	291	Qm	3.489	0.1777	-0.2391
276	317	Qm	3.6155	0.1759	-0.2364
276	316	Qm	3.7208	0.6656	-0.2481
276	290	Qs	-3.412E-09	-1.636E-09	1.122E-10
276	291	Qs	-3.019E-09	-7.102E-10	1.263E-10
276	317	Qs	-3.365E-09	-8.020E-10	1.565E-10
276	316	Qs	-3.368E-09	-1.857E-09	1.041E-10
276	290	T+	0.	0.	0.
276	291	T+	0.	0.	0.
276	317	T+	0.	0.	0.
276	316	T+	0.	0.	0.
276	290	T-	0.	0.	0.
276	291	T-	0.	0.	0.
276	317	T-	0.	0.	0.
276	316	T-	0.	0.	0.
276	290	W	1.0547	3.3984	0.7372
276	291	W	2.1056	4.4175	1.2769
276	317	W	1.4156	1.4394	0.9462
276	316	W	1.1196	3.6611	0.4065
276	290	Qm-1	4.61	0.9793	-0.2292
276	291	Qm-1	4.55	0.3213	-0.2166
276	317	Qm-1	4.6861	0.3195	-0.246
276	316	Qm-1	4.7478	0.9751	-0.2586
276	290	Qm-2	-0.5137	-0.1146	-0.0953
276	291	Qm-2	-0.5379	-0.06	-0.0953
276	317	Qm-2	-0.5647	-0.064	-0.0802
276	316	Qm-2	-0.5388	-0.121	-0.0802
277	291	DEAD	0.	0.	0.
277	292	DEAD	0.	0.	0.
277	318	DEAD	0.	0.	0.
277	317	DEAD	0.	0.	0.
277	291	G1	5.481E-08	-5.839E-09	-2.921E-09
277	292	G1	5.494E-08	2.283E-09	-2.567E-09
277	318	G1	6.226E-08	-1.583E-09	-3.631E-09
277	317	G1	5.538E-08	-2.948E-09	-3.985E-09
277	291	G2	-1.1832	-0.0802	-0.103
277	292	G2	-1.2032	5.434E-04	-0.1074
277	318	G2	-1.3177	-4.690E-04	-0.088
277	317	G2	-1.2807	-0.1002	-0.0836
277	291	Qm	3.489	0.1778	-0.2255
277	292	Qm	3.459	4.257E-04	-0.2147
277	318	Qm	3.584	4.054E-04	-0.2166

Table 27: Element Forces - Area Shells, Part 2 of 3

Area	Joint	OutputCase	M11	M22	M12
			KN-mm/mm	KN-mm/mm	KN-mm/mm
277	317	Qm	3.6155	0.1759	-0.2274
277	291	Qs	-3.037E-09	-7.227E-10	1.885E-10
277	292	Qs	-2.930E-09	8.221E-11	1.885E-10
277	318	Qs	-2.906E-09	-5.118E-12	1.442E-10
277	317	Qs	-3.310E-09	-6.853E-10	1.442E-10
277	291	T+	0.	0.	0.
277	292	T+	0.	0.	0.
277	318	T+	0.	0.	0.
277	317	T+	0.	0.	0.
277	291	T-	0.	0.	0.
277	292	T-	0.	0.	0.
277	318	T-	0.	0.	0.
277	317	T-	0.	0.	0.
277	291	W	1.3443	0.611	1.5879
277	292	W	2.7238	0.7402	1.4164
277	318	W	2.1697	-0.2301	0.9077
277	317	W	1.5966	2.3443	1.0793
277	291	Qm-1	4.55	0.3213	-0.2019
277	292	Qm-1	4.5696	4.538E-04	-0.1902
277	318	Qm-1	4.7047	4.541E-04	-0.2249
277	317	Qm-1	4.6861	0.3196	-0.2365
277	291	Qm-2	-0.5379	-0.0601	-0.0963
277	292	Qm-2	-0.5621	-5.923E-05	-0.0978
277	318	Qm-2	-0.5913	-1.312E-04	-0.082
277	317	Qm-2	-0.5648	-0.0641	-0.0805
278	293	DEAD	0.	0.	0.
278	294	DEAD	0.	0.	0.
278	320	DEAD	0.	0.	0.
278	319	DEAD	0.	0.	0.
278	293	G1	9.931E-08	4.368E-10	-1.746E-08
278	294	G1	9.526E-08	-6.913E-09	-1.817E-08
278	320	G1	1.050E-07	-4.174E-09	-1.817E-08
278	319	G1	1.035E-07	1.333E-09	-1.746E-08
278	293	G2	-1.0086	-1.090E-04	0.0252
278	294	G2	-0.9942	-0.0459	0.0239
278	320	G2	-1.0098	-0.0459	0.0141
278	319	G2	-1.0242	-1.091E-04	0.0154
278	293	Qm	4.2055	6.134E-04	-0.289
278	294	Qm	4.2445	0.1007	-0.2769
278	320	Qm	4.4221	0.115	-0.2829
278	319	Qm	4.3895	7.913E-04	-0.2949
278	293	Qs	-2.430E-09	-1.890E-11	-5.793E-10
278	294	Qs	-2.743E-09	-6.614E-10	-6.236E-10
278	320	Qs	-2.558E-09	-6.562E-10	-6.236E-10
278	319	Qs	-2.571E-09	1.975E-10	-5.793E-10
278	293	T+	0.	0.	0.
278	294	T+	0.	0.	0.
278	320	T+	0.	0.	0.
278	319	T+	0.	0.	0.
278	293	T-	0.	0.	0.
278	294	T-	0.	0.	0.
278	320	T-	0.	0.	0.
278	319	T-	0.	0.	0.
278	293	W	0.5579	1.550E-04	0.5418

Table 27: Element Forces - Area Shells, Part 2 of 3

Area	Joint	OutputCase	M11	M22	M12
			KN-mm/mm	KN-mm/mm	KN-mm/mm
278	294	W	0.5519	0.0491	0.4937
278	320	W	-0.0516	0.0374	0.4987
278	319	W	-0.0508	-7.473E-05	0.5468
278	293	Qm-1	5.3571	6.930E-04	-0.3406
278	294	Qm-1	5.3896	0.1595	-0.3267
278	320	Qm-1	5.5975	0.1775	-0.3245
278	319	Qm-1	5.5737	9.433E-04	-0.3383
278	293	Qm-2	0.2431	1.083E-04	-0.038
278	294	Qm-2	0.2384	0.0421	-0.0328
278	320	Qm-2	0.2915	0.0371	-0.0293
278	319	Qm-2	0.2878	1.631E-04	-0.0344
279	294	DEAD	0.	0.	0.
279	295	DEAD	0.	0.	0.
279	321	DEAD	0.	0.	0.
279	320	DEAD	0.	0.	0.
279	294	G1	9.660E-08	-3.019E-09	-1.653E-08
279	295	G1	1.026E-07	3.721E-10	-1.547E-08
279	321	G1	1.021E-07	-8.463E-10	-1.582E-08
279	320	G1	1.046E-07	-6.233E-09	-1.689E-08
279	294	G2	-0.9942	-0.0459	0.0219
279	295	G2	-0.9841	-0.0979	0.0206
279	321	G2	-0.9998	-0.0978	0.0121
279	320	G2	-1.0098	-0.0459	0.0134
279	294	Qm	4.2444	0.1004	-0.2646
279	295	Qm	4.3475	0.4365	-0.2596
279	321	Qm	4.5198	0.4678	-0.2727
279	320	Qm	4.422	0.1148	-0.2778
279	294	Qs	-2.700E-09	-3.978E-10	-5.597E-10
279	295	Qs	-2.486E-09	-1.209E-09	-5.153E-10
279	321	Qs	-2.913E-09	-1.331E-09	-5.153E-10
279	320	Qs	-2.484E-09	-5.300E-10	-5.597E-10
279	294	T+	0.	0.	0.
279	295	T+	0.	0.	0.
279	321	T+	0.	0.	0.
279	320	T+	0.	0.	0.
279	294	T-	0.	0.	0.
279	295	T-	0.	0.	0.
279	321	T-	0.	0.	0.
279	320	T-	0.	0.	0.
279	294	W	0.5519	0.0491	0.4485
279	295	W	0.5565	0.1383	0.4053
279	321	W	-0.0446	0.1161	0.4099
279	320	W	-0.0516	0.0374	0.4531
279	294	Qm-1	5.3895	0.1591	-0.3129
279	295	Qm-1	5.4977	0.6052	-0.3073
279	321	Qm-1	5.6988	0.642	-0.313
279	320	Qm-1	5.5975	0.1772	-0.3186
279	294	Qm-2	0.2384	0.0422	-0.0258
279	295	Qm-2	0.2433	0.1245	-0.0197
279	321	Qm-2	0.3114	0.1246	-0.0178
279	320	Qm-2	0.2915	0.0369	-0.0239
280	295	DEAD	0.	0.	0.
280	296	DEAD	0.	0.	0.
280	322	DEAD	0.	0.	0.

Table 27: Element Forces - Area Shells, Part 2 of 3

Area	Joint	OutputCase	M11	M22	M12
			KN-mm/mm	KN-mm/mm	KN-mm/mm
280	321	DEAD	0.	0.	0.
280	295	G1	1.031E-07	2.501E-09	-1.545E-08
280	296	G1	9.763E-08	4.457E-09	-1.510E-08
280	322	G1	1.049E-07	6.048E-09	-1.403E-08
280	321	G1	1.027E-07	-1.129E-09	-1.439E-08
280	295	G2	-0.9841	-0.0979	0.0186
280	296	G2	-0.9782	-0.1546	0.0173
280	322	G2	-0.994	-0.1545	0.0101
280	321	G2	-0.9998	-0.0978	0.0114
280	295	Qm	4.3474	0.4361	-0.2565
280	296	Qm	4.511	1.0261	-0.2594
280	322	Qm	4.6766	1.0762	-0.2762
280	321	Qm	4.5197	0.4675	-0.2733
280	295	Qs	-2.408E-09	-9.896E-10	-5.272E-10
280	296	Qs	-3.223E-09	-2.272E-09	-4.607E-10
280	322	Qs	-2.996E-09	-2.264E-09	-3.942E-10
280	321	Qs	-2.929E-09	-1.269E-09	-4.607E-10
280	295	T+	0.	0.	0.
280	296	T+	0.	0.	0.
280	322	T+	0.	0.	0.
280	321	T+	0.	0.	0.
280	295	T-	0.	0.	0.
280	296	T-	0.	0.	0.
280	322	T-	0.	0.	0.
280	321	T-	0.	0.	0.
280	295	W	0.5565	0.1383	0.3646
280	296	W	0.5695	0.2648	0.3258
280	322	W	-0.0299	0.2329	0.3302
280	321	W	-0.0446	0.1161	0.3689
280	295	Qm-1	5.4976	0.6048	-0.304
280	296	Qm-1	5.6762	1.3582	-0.3067
280	322	Qm-1	5.8699	1.413	-0.316
280	321	Qm-1	5.6987	0.6416	-0.3134
280	295	Qm-2	0.243	0.1226	-0.0122
280	296	Qm-2	0.2517	0.2624	-0.0037
280	322	Qm-2	0.3658	0.2529	-0.0056
280	321	Qm-2	0.3121	0.1278	-0.0142
281	296	DEAD	0.	0.	0.
281	297	DEAD	0.	0.	0.
281	323	DEAD	0.	0.	0.
281	322	DEAD	0.	0.	0.
281	296	G1	9.881E-08	4.295E-09	-1.416E-08
281	297	G1	9.880E-08	2.621E-08	-1.403E-08
281	323	G1	1.110E-07	2.673E-08	-1.451E-08
281	322	G1	1.038E-07	7.417E-09	-1.403E-08
281	296	G2	-0.9782	-0.1546	0.0153
281	297	G2	-0.9762	-0.2144	0.0139
281	323	G2	-0.9919	-0.2143	0.0081
281	322	G2	-0.994	-0.1545	0.0094
281	296	Qm	4.5109	1.0257	-0.2668
281	297	Qm	4.728	1.8918	-0.278
281	323	Qm	4.8865	1.9599	-0.294
281	322	Qm	4.6765	1.0758	-0.2829
281	296	Qs	-3.176E-09	-2.069E-09	-4.219E-10

Table 27: Element Forces - Area Shells, Part 2 of 3

Area	Joint	OutputCase	M11	M22	M12
			KN-mm/mm	KN-mm/mm	KN-mm/mm
281	297	Qs	-3.665E-09	-2.878E-09	-3.472E-10
281	323	Qs	-3.005E-09	-2.806E-09	-3.332E-10
281	322	Qs	-2.967E-09	-2.180E-09	-3.694E-10
281	296	T+	0.	0.	0.
281	297	T+	0.	0.	0.
281	323	T+	0.	0.	0.
281	322	T+	0.	0.	0.
281	296	T-	0.	0.	0.
281	297	T-	0.	0.	0.
281	323	T-	0.	0.	0.
281	322	T-	0.	0.	0.
281	296	W	0.5695	0.2648	0.2891
281	297	W	0.5895	0.4263	0.2545
281	323	W	-0.0089	0.3845	0.259
281	322	W	-0.0299	0.2329	0.2936
281	296	Qm-1	5.6761	1.3579	-0.3137
281	297	Qm-1	5.9175	2.4396	-0.3237
281	323	Qm-1	6.1046	2.5094	-0.3322
281	322	Qm-1	5.8699	1.4126	-0.3221
281	296	Qm-2	0.2523	0.2655	0.0061
281	297	Qm-2	0.1962	0.3878	-0.0161
281	323	Qm-2	0.5426	0.6056	-0.0214
281	322	Qm-2	0.3643	0.2457	7.388E-04
282	297	DEAD	0.	0.	0.
282	298	DEAD	0.	0.	0.
282	324	DEAD	0.	0.	0.
282	323	DEAD	0.	0.	0.
282	297	G1	1.001E-07	2.649E-08	-1.520E-08
282	298	G1	9.381E-08	5.354E-09	-1.472E-08
282	324	G1	1.028E-07	9.160E-09	-1.449E-08
282	323	G1	1.103E-07	2.907E-08	-1.436E-08
282	297	G2	-0.9762	-0.2144	0.0119
282	298	G2	-0.9777	-0.2758	0.0106
282	324	G2	-0.9934	-0.2758	0.0061
282	323	G2	-0.9919	-0.2143	0.0074
282	297	Qm	4.7279	1.8914	-0.2957
282	298	Qm	4.9151	2.677	-0.314
282	324	Qm	5.0668	2.7586	-0.3246
282	323	Qm	4.8864	1.9596	-0.3063
282	297	Qs	-3.677E-09	-3.074E-09	-3.984E-10
282	298	Qs	-3.614E-09	-3.250E-09	-4.125E-10
282	324	Qs	-3.256E-09	-3.296E-09	-4.206E-10
282	323	Qs	-2.954E-09	-2.679E-09	-3.682E-10
282	297	T+	0.	0.	0.
282	298	T+	0.	0.	0.
282	324	T+	0.	0.	0.
282	323	T+	0.	0.	0.
282	297	T-	0.	0.	0.
282	298	T-	0.	0.	0.
282	324	T-	0.	0.	0.
282	323	T-	0.	0.	0.
282	297	W	0.5895	0.4263	0.2219
282	298	W	0.615	0.62	0.1918
282	324	W	0.0175	0.5673	0.1967

Table 27: Element Forces - Area Shells, Part 2 of 3

Area	Joint	OutputCase	M11	M22	M12
			KN-mm/mm	KN-mm/mm	KN-mm/mm
282	323	W	-0.0089	0.3844	0.2268
282	297	Qm-1	5.9175	2.4393	-0.3395
282	298	Qm-1	5.8559	2.0684	-0.3554
282	324	Qm-1	6.0368	2.1486	-0.3589
282	323	Qm-1	6.1046	2.5091	-0.343
282	297	Qm-2	0.1962	0.3877	-0.0777
282	298	Qm-2	0.2307	0.3786	-0.0992
282	324	Qm-2	0.3573	0.3587	-0.0785
282	323	Qm-2	0.5426	0.6056	-0.0569
283	298	DEAD	0.	0.	0.
283	299	DEAD	0.	0.	0.
283	325	DEAD	0.	0.	0.
283	324	DEAD	0.	0.	0.
283	298	G1	9.303E-08	5.007E-09	-1.523E-08
283	299	G1	9.094E-08	-6.269E-09	-1.749E-08
283	325	G1	9.658E-08	-1.731E-09	-1.630E-08
283	324	G1	1.028E-07	6.321E-09	-1.465E-08
283	298	G2	-0.9777	-0.2758	0.0087
283	299	G2	-0.9823	-0.3374	0.0074
283	325	G2	-0.9979	-0.3375	0.0042
283	324	G2	-0.9934	-0.2758	0.0055
283	298	Qm	4.915	2.6768	-0.3397
283	299	Qm	4.9902	3.0213	-0.3625
283	325	Qm	5.1365	3.1084	-0.3637
283	324	Qm	5.0667	2.7584	-0.341
283	298	Qs	-3.669E-09	-3.530E-09	-3.967E-10
283	299	Qs	-3.878E-09	-4.051E-09	-4.794E-10
283	325	Qs	-3.600E-09	-3.982E-09	-3.967E-10
283	324	Qs	-3.319E-09	-3.447E-09	-3.908E-10
283	298	T+	0.	0.	0.
283	299	T+	0.	0.	0.
283	325	T+	0.	0.	0.
283	324	T+	0.	0.	0.
283	298	T-	0.	0.	0.
283	299	T-	0.	0.	0.
283	325	T-	0.	0.	0.
283	324	T-	0.	0.	0.
283	298	W	0.615	0.62	0.1638
283	299	W	0.6449	0.8423	0.1384
283	325	W	0.0486	0.7779	0.1437
283	324	W	0.0175	0.5673	0.1691
283	298	Qm-1	5.8558	2.0682	-0.3775
283	299	Qm-1	5.847	2.0597	-0.3971
283	325	Qm-1	6.022	2.1447	-0.3927
283	324	Qm-1	6.0368	2.1484	-0.3731
283	298	Qm-2	0.2301	0.3756	-0.0885
283	299	Qm-2	0.1987	0.3486	-0.0791
283	325	Qm-2	0.299	0.3596	-0.0615
283	324	Qm-2	0.3587	0.3656	-0.0709
284	299	DEAD	0.	0.	0.
284	300	DEAD	0.	0.	0.
284	326	DEAD	0.	0.	0.
284	325	DEAD	0.	0.	0.
284	299	G1	8.940E-08	-4.369E-09	-1.811E-08

Table 27: Element Forces - Area Shells, Part 2 of 3

Area	Joint	OutputCase	M11	M22	M12
			KN-mm/mm	KN-mm/mm	KN-mm/mm
284	300	G1	8.849E-08	-1.643E-09	-1.776E-08
284	326	G1	9.330E-08	-2.951E-09	-1.670E-08
284	325	G1	9.727E-08	-1.377E-09	-1.705E-08
284	299	G2	-0.9823	-0.3374	0.0056
284	300	G2	-0.9897	-0.3979	0.0044
284	326	G2	-1.0053	-0.3983	0.0024
284	325	G2	-0.9979	-0.3375	0.0036
284	299	Qm	4.9902	3.0213	-0.3918
284	300	Qm	4.951	2.9358	-0.4153
284	326	Qm	5.0936	3.0192	-0.4055
284	325	Qm	5.1365	3.1084	-0.382
284	299	Qs	-3.886E-09	-3.874E-09	-4.283E-10
284	300	Qs	-4.237E-09	-4.440E-09	-3.618E-10
284	326	Qs	-3.529E-09	-4.481E-09	-3.396E-10
284	325	Qs	-3.552E-09	-3.944E-09	-4.061E-10
284	299	T+	0.	0.	0.
284	300	T+	0.	0.	0.
284	326	T+	0.	0.	0.
284	325	T+	0.	0.	0.
284	299	T-	0.	0.	0.
284	300	T-	0.	0.	0.
284	326	T-	0.	0.	0.
284	325	T-	0.	0.	0.
284	299	W	0.6449	0.8423	0.1154
284	300	W	0.679	1.0883	0.095
284	326	W	0.0837	1.0122	0.1006
284	325	W	0.0486	0.7779	0.121
284	299	Qm-1	5.847	2.0596	-0.4226
284	300	Qm-1	5.8885	2.4233	-0.4435
284	326	Qm-1	6.0574	2.5075	-0.4293
284	325	Qm-1	6.022	2.1446	-0.4084
284	299	Qm-2	0.1987	0.3487	-0.0706
284	300	Qm-2	0.1647	0.3941	-0.0613
284	326	Qm-2	0.2906	0.3838	-0.0496
284	325	Qm-2	0.299	0.3596	-0.0588
285	300	DEAD	0.	0.	0.
285	301	DEAD	0.	0.	0.
285	327	DEAD	0.	0.	0.
285	326	DEAD	0.	0.	0.
285	300	G1	8.593E-08	-8.273E-09	-1.781E-08
285	301	G1	8.682E-08	1.823E-08	-1.829E-08
285	327	G1	9.520E-08	1.465E-08	-1.639E-08
285	326	G1	9.600E-08	2.754E-10	-1.652E-08
285	300	G2	-0.9897	-0.3979	0.0027
285	301	G2	-0.9993	-0.4561	0.0016
285	327	G2	-1.0149	-0.4567	7.589E-04
285	326	G2	-1.0053	-0.3983	0.0018
285	300	Qm	4.951	2.936	-0.4431
285	301	Qm	4.7995	2.4215	-0.4636
285	327	Qm	4.9397	2.4931	-0.4433
285	326	Qm	5.0936	3.0193	-0.4228
285	300	Qs	-4.352E-09	-4.741E-09	-3.822E-10
285	301	Qs	-4.251E-09	-4.547E-09	-4.125E-10
285	327	Qs	-3.845E-09	-4.799E-09	-3.600E-10

Table 27: Element Forces - Area Shells, Part 2 of 3

Area	Joint	OutputCase	M11	M22	M12
			KN-mm/mm	KN-mm/mm	KN-mm/mm
285	326	Qs	-3.547E-09	-4.154E-09	-3.682E-10
285	300	T+	0.	0.	0.
285	301	T+	0.	0.	0.
285	327	T+	0.	0.	0.
285	326	T+	0.	0.	0.
285	300	T-	0.	0.	0.
285	301	T-	0.	0.	0.
285	327	T-	0.	0.	0.
285	326	T-	0.	0.	0.
285	300	W	0.679	1.0883	0.0771
285	301	W	0.7172	1.3524	0.0613
285	327	W	0.1223	1.266	0.0669
285	326	W	0.0837	1.0122	0.0826
285	300	Qm-1	5.8885	2.4233	-0.4697
285	301	Qm-1	5.9792	3.1639	-0.4896
285	327	Qm-1	6.142	3.2416	-0.4646
285	326	Qm-1	6.0574	2.5075	-0.4448
285	300	Qm-2	0.1653	0.3972	-0.0504
285	301	Qm-2	0.0653	0.4202	-0.0721
285	327	Qm-2	0.4062	0.6374	-0.0638
285	326	Qm-2	0.2892	0.3769	-0.0421
286	301	DEAD	0.	0.	0.
286	302	DEAD	0.	0.	0.
286	328	DEAD	0.	0.	0.
286	327	DEAD	0.	0.	0.
286	301	G1	8.410E-08	1.159E-08	-1.792E-08
286	302	G1	7.491E-08	-2.073E-08	-1.921E-08
286	328	G1	8.613E-08	-1.120E-08	-1.792E-08
286	327	G1	9.632E-08	1.505E-08	-1.601E-08
286	301	G2	-0.9993	-0.4561	5.057E-05
286	302	G2	-1.0107	-0.5109	-9.572E-04
286	328	G2	-1.0263	-0.5117	-7.753E-04
286	327	G2	-1.0149	-0.4567	2.325E-04
286	301	Qm	4.7995	2.4218	-0.4855
286	302	Qm	4.6175	1.8507	-0.5003
286	328	Qm	4.7553	1.9056	-0.4722
286	327	Qm	4.9398	2.4934	-0.4574
286	301	Qs	-4.279E-09	-4.882E-09	-3.391E-10
286	302	Qs	-4.561E-09	-5.264E-09	-3.916E-10
286	328	Qs	-3.982E-09	-4.863E-09	-3.391E-10
286	327	Qs	-3.868E-09	-4.860E-09	-3.251E-10
286	301	T+	0.	0.	0.
286	302	T+	0.	0.	0.
286	328	T+	0.	0.	0.
286	327	T+	0.	0.	0.
286	301	T-	0.	0.	0.
286	302	T-	0.	0.	0.
286	328	T-	0.	0.	0.
286	327	T-	0.	0.	0.
286	301	W	0.7172	1.3524	0.0478
286	302	W	0.7595	1.6292	0.0358
286	328	W	0.1639	1.5351	0.0411
286	327	W	0.1223	1.266	0.0531
286	301	Qm-1	5.9792	3.164	-0.5133

Table 27: Element Forces - Area Shells, Part 2 of 3

Area	Joint	OutputCase	M11	M22	M12
			KN-mm/mm	KN-mm/mm	KN-mm/mm
286	302	Qm-1	5.7598	2.4803	-0.5299
286	328	Qm-1	5.9167	2.5462	-0.4947
286	327	Qm-1	6.142	3.2417	-0.4781
286	301	Qm-2	0.0653	0.4203	-0.1335
286	302	Qm-2	0.0557	0.3025	-0.1559
286	328	Qm-2	0.1589	0.2816	-0.1221
286	327	Qm-2	0.4062	0.6374	-0.0998
287	302	DEAD	0.	0.	0.
287	303	DEAD	0.	0.	0.
287	329	DEAD	0.	0.	0.
287	328	DEAD	0.	0.	0.
287	302	G1	7.429E-08	-1.407E-08	-2.075E-08
287	303	G1	7.060E-08	-3.343E-08	-2.000E-08
287	329	G1	7.641E-08	-2.790E-08	-1.897E-08
287	328	G1	8.425E-08	-1.730E-08	-1.788E-08
287	302	G2	-1.0107	-0.5109	-0.0024
287	303	G2	-1.0235	-0.5612	-0.0034
287	329	G2	-1.0392	-0.5621	-0.0022
287	328	G2	-1.0263	-0.5117	-0.0013
287	302	Qm	4.6175	1.851	-0.5138
287	303	Qm	4.488	1.5911	-0.5216
287	329	Qm	4.6222	1.6282	-0.4893
287	328	Qm	4.7553	1.9059	-0.4815
287	302	Qs	-4.498E-09	-5.051E-09	-3.724E-10
287	303	Qs	-4.462E-09	-5.335E-09	-3.059E-10
287	329	Qs	-4.221E-09	-5.262E-09	-3.059E-10
287	328	Qs	-4.071E-09	-5.310E-09	-3.724E-10
287	302	T+	0.	0.	0.
287	303	T+	0.	0.	0.
287	329	T+	0.	0.	0.
287	328	T+	0.	0.	0.
287	302	T-	0.	0.	0.
287	303	T-	0.	0.	0.
287	329	T-	0.	0.	0.
287	328	T-	0.	0.	0.
287	302	W	0.7595	1.6292	0.0254
287	303	W	0.8051	1.9146	0.0159
287	329	W	0.2076	1.8158	0.0208
287	328	W	0.1639	1.5351	0.0304
287	302	Qm-1	5.7599	2.4805	-0.5484
287	303	Qm-1	5.5935	2.1651	-0.5598
287	329	Qm-1	5.7445	2.2157	-0.5162
287	328	Qm-1	5.9167	2.5464	-0.5048
287	302	Qm-2	0.0551	0.2995	-0.1459
287	303	Qm-2	-0.0196	0.1502	-0.1377
287	329	Qm-2	0.0368	0.1537	-0.1082
287	328	Qm-2	0.1604	0.2888	-0.1165
288	303	DEAD	0.	0.	0.
288	304	DEAD	0.	0.	0.
288	330	DEAD	0.	0.	0.
288	329	DEAD	0.	0.	0.
288	303	G1	7.199E-08	-2.775E-08	-2.074E-08
288	304	G1	6.048E-08	-3.894E-08	-1.977E-08
288	330	G1	7.159E-08	-3.506E-08	-1.755E-08

Table 27: Element Forces - Area Shells, Part 2 of 3

Area	Joint	OutputCase	M11	M22	M12
			KN-mm/mm	KN-mm/mm	KN-mm/mm
288	329	G1	7.520E-08	-3.025E-08	-1.729E-08
288	303	G2	-1.0235	-0.5612	-0.0048
288	304	G2	-1.0372	-0.6056	-0.0057
288	330	G2	-1.0531	-0.6065	-0.0036
288	329	G2	-1.0392	-0.5621	-0.0027
288	303	Qm	4.4881	1.5913	-0.5264
288	304	Qm	4.4175	1.6304	-0.5275
288	330	Qm	4.5464	1.6515	-0.4944
288	329	Qm	4.6223	1.6285	-0.4933
288	303	Qs	-4.387E-09	-5.353E-09	-3.199E-10
288	304	Qs	-4.633E-09	-5.493E-09	-3.037E-10
288	330	Qs	-4.162E-09	-5.295E-09	-3.199E-10
288	329	Qs	-4.228E-09	-5.332E-09	-2.594E-10
288	303	T+	0.	0.	0.
288	304	T+	0.	0.	0.
288	330	T+	0.	0.	0.
288	329	T+	0.	0.	0.
288	303	T-	0.	0.	0.
288	304	T-	0.	0.	0.
288	330	T-	0.	0.	0.
288	329	T-	0.	0.	0.
288	303	W	0.8051	1.9145	0.0072
288	304	W	0.8522	2.2054	-0.0011
288	330	W	0.2526	2.1044	0.0039
288	329	W	0.2076	1.8157	0.0121
288	303	Qm-1	5.5936	2.1653	-0.5711
288	304	Qm-1	5.4854	2.2062	-0.5765
288	330	Qm-1	5.6299	2.2405	-0.5273
288	329	Qm-1	5.7446	2.2159	-0.5219
288	303	Qm-2	-0.0192	0.1522	-0.1299
288	304	Qm-2	-0.09	0.0421	-0.124
288	330	Qm-2	-0.0551	0.0337	-0.0997
288	329	Qm-2	0.0362	0.1506	-0.1056
289	304	DEAD	0.	0.	0.
289	305	DEAD	0.	0.	0.
289	331	DEAD	0.	0.	0.
289	330	DEAD	0.	0.	0.
289	304	G1	6.192E-08	-4.157E-08	-1.910E-08
289	305	G1	6.685E-08	-3.030E-08	-1.981E-08
289	331	G1	6.813E-08	-3.181E-08	-1.981E-08
289	330	G1	7.080E-08	-3.824E-08	-1.910E-08
289	304	G2	-1.0372	-0.6056	-0.0071
289	305	G2	-1.0517	-0.6427	-0.008
289	331	G2	-1.0678	-0.6437	-0.005
289	330	G2	-1.0531	-0.6065	-0.0041
289	304	Qm	4.4175	1.6306	-0.5249
289	305	Qm	4.4099	1.9596	-0.5205
289	331	Qm	4.5321	1.9678	-0.489
289	330	Qm	4.5464	1.6516	-0.4934
289	304	Qs	-4.628E-09	-5.608E-09	-2.820E-10
289	305	Qs	-4.232E-09	-5.511E-09	-2.961E-10
289	331	Qs	-4.223E-09	-5.514E-09	-3.707E-10
289	330	Qs	-4.135E-09	-5.492E-09	-3.182E-10
289	304	T+	0.	0.	0.

Table 27: Element Forces - Area Shells, Part 2 of 3

Area	Joint	OutputCase	M11	M22	M12
			KN-mm/mm	KN-mm/mm	KN-mm/mm
289	305	T+	0.	0.	0.
289	331	T+	0.	0.	0.
289	330	T+	0.	0.	0.
289	304	T-	0.	0.	0.
289	305	T-	0.	0.	0.
289	331	T-	0.	0.	0.
289	330	T-	0.	0.	0.
289	304	W	0.8522	2.2053	-0.0093
289	305	W	0.899	2.4993	-0.0171
289	331	W	0.2975	2.3977	-0.0117
289	330	W	0.2526	2.1044	-0.0039
289	304	Qm-1	5.4854	2.2065	-0.5799
289	305	Qm-1	5.441	2.5896	-0.5793
289	331	Qm-1	5.5781	2.6088	-0.5279
289	330	Qm-1	5.63	2.2407	-0.5285
289	304	Qm-2	-0.0901	0.042	-0.1163
289	305	Qm-2	-0.1521	-0.0493	-0.1106
289	331	Qm-2	-0.1313	-0.0575	-0.0894
289	330	Qm-2	-0.0551	0.0339	-0.0951
290	305	DEAD	0.	0.	0.
290	306	DEAD	0.	0.	0.
290	332	DEAD	0.	0.	0.
290	331	DEAD	0.	0.	0.
290	305	G1	6.520E-08	-3.453E-08	-2.087E-08
290	306	G1	5.268E-08	-7.158E-08	-2.016E-08
290	332	G1	5.558E-08	-7.412E-08	-1.803E-08
290	331	G1	6.887E-08	-3.323E-08	-1.874E-08
290	305	G2	-1.0517	-0.6427	-0.0094
290	306	G2	-1.0667	-0.6714	-0.0103
290	332	G2	-1.0831	-0.6724	-0.0064
290	331	G2	-1.0678	-0.6437	-0.0055
290	305	Qm	4.41	1.9597	-0.5123
290	306	Qm	4.4273	2.3739	-0.5039
290	332	Qm	4.5419	2.3726	-0.4754
290	331	Qm	4.5321	1.9679	-0.4839
290	305	Qs	-4.259E-09	-5.632E-09	-3.677E-10
290	306	Qs	-4.351E-09	-5.558E-09	-3.677E-10
290	332	Qs	-4.270E-09	-5.687E-09	-3.234E-10
290	331	Qs	-4.140E-09	-5.569E-09	-3.234E-10
290	305	T+	0.	0.	0.
290	306	T+	0.	0.	0.
290	332	T+	0.	0.	0.
290	331	T+	0.	0.	0.
290	305	T-	0.	0.	0.
290	306	T-	0.	0.	0.
290	332	T-	0.	0.	0.
290	331	T-	0.	0.	0.
290	305	W	0.899	2.4993	-0.0254
290	306	W	0.9435	2.7937	-0.0333
290	332	W	0.3409	2.6924	-0.027
290	331	W	0.2974	2.3977	-0.0191
290	305	Qm-1	5.4411	2.5898	-0.5755
290	306	Qm-1	4.9854	0.902	-0.5699
290	332	Qm-1	5.1141	0.9089	-0.5195

Table 27: Element Forces - Area Shells, Part 2 of 3

Area	Joint	OutputCase	M11	M22	M12
			KN-mm/mm	KN-mm/mm	KN-mm/mm
290	331	Qm-1	5.5781	2.6091	-0.5251
290	305	Qm-2	-0.1521	-0.0493	-0.1039
290	306	Qm-2	-0.2063	-0.1248	-0.0993
290	332	Qm-2	-0.194	-0.1319	-0.0812
290	331	Qm-2	-0.1313	-0.0576	-0.0858
291	306	DEAD	0.	0.	0.
291	307	DEAD	0.	0.	0.
291	333	DEAD	0.	0.	0.
291	332	DEAD	0.	0.	0.
291	306	G1	5.447E-08	-7.001E-08	-1.788E-08
291	307	G1	4.024E-08	-1.013E-07	-1.766E-08
291	333	G1	5.017E-08	-9.789E-08	-1.611E-08
291	332	G1	5.434E-08	-7.447E-08	-1.695E-08
291	306	G2	-1.0667	-0.6714	-0.0118
291	307	G2	-1.082	-0.6902	-0.0127
291	333	G2	-1.0986	-0.6911	-0.0079
291	332	G2	-1.0831	-0.6724	-0.0069
291	306	Qm	4.4273	2.3739	-0.4922
291	307	Qm	4.4299	2.6723	-0.4811
291	333	Qm	4.5368	2.6646	-0.456
291	332	Qm	4.542	2.3726	-0.4671
291	306	Qs	-4.438E-09	-5.567E-09	-2.222E-10
291	307	Qs	-4.305E-09	-5.474E-09	-1.557E-10
291	333	Qs	-4.056E-09	-5.384E-09	-2.001E-10
291	332	Qs	-4.266E-09	-5.746E-09	-2.666E-10
291	306	T+	0.	0.	0.
291	307	T+	0.	0.	0.
291	333	T+	0.	0.	0.
291	332	T+	0.	0.	0.
291	306	T-	0.	0.	0.
291	307	T-	0.	0.	0.
291	333	T-	0.	0.	0.
291	332	T-	0.	0.	0.
291	306	W	0.9435	2.7937	-0.0418
291	307	W	0.9846	3.085	-0.05
291	333	W	0.3815	2.9848	-0.0428
291	332	W	0.3409	2.6924	-0.0345
291	306	Qm-1	4.9855	0.9022	-0.5604
291	307	Qm-1	4.6027	-0.4675	-0.551
291	333	Qm-1	4.7226	-0.4699	-0.5042
291	332	Qm-1	5.1141	0.9091	-0.5136
291	306	Qm-2	-0.2063	-0.1248	-0.0939
291	307	Qm-2	-0.2529	-0.1864	-0.0904
291	333	Qm-2	-0.2459	-0.1924	-0.0749
291	332	Qm-2	-0.194	-0.132	-0.0785
292	307	DEAD	0.	0.	0.
292	308	DEAD	0.	0.	0.
292	334	DEAD	0.	0.	0.
292	333	DEAD	0.	0.	0.
292	307	G1	4.088E-08	-9.892E-08	-1.683E-08
292	308	G1	3.645E-08	-1.199E-07	-1.541E-08
292	334	G1	4.221E-08	-1.221E-07	-1.470E-08
292	333	G1	5.001E-08	-9.891E-08	-1.612E-08
292	307	G2	-1.082	-0.6902	-0.0142

Table 27: Element Forces - Area Shells, Part 2 of 3

Area	Joint	OutputCase	M11	M22	M12
			KN-mm/mm	KN-mm/mm	KN-mm/mm
292	308	G2	-1.0973	-0.6977	-0.0153
292	334	G2	-1.1144	-0.6986	-0.0094
292	333	G2	-1.0987	-0.6911	-0.0084
292	307	Qm	4.4299	2.6723	-0.4675
292	308	Qm	4.4169	2.8568	-0.4548
292	334	Qm	4.5164	2.8448	-0.4327
292	333	Qm	4.5368	2.6645	-0.4454
292	307	Qs	-4.315E-09	-5.586E-09	-2.188E-10
292	308	Qs	-4.131E-09	-5.150E-09	-1.361E-10
292	334	Qs	-4.155E-09	-5.514E-09	-1.523E-10
292	333	Qs	-4.018E-09	-5.380E-09	-1.583E-10
292	307	T+	0.	0.	0.
292	308	T+	0.	0.	0.
292	334	T+	0.	0.	0.
292	333	T+	0.	0.	0.
292	307	T-	0.	0.	0.
292	308	T-	0.	0.	0.
292	334	T-	0.	0.	0.
292	333	T-	0.	0.	0.
292	307	W	0.9846	3.085	-0.0592
292	308	W	1.0218	3.3683	-0.0684
292	334	W	0.4174	3.2712	-0.0599
292	333	W	0.3815	2.9848	-0.0507
292	307	Qm-1	4.6027	-0.4674	-0.5372
292	308	Qm-1	4.296	-1.5273	-0.5252
292	334	Qm-1	4.4073	-1.5362	-0.4842
292	333	Qm-1	4.7226	-0.4697	-0.4962
292	307	Qm-2	-0.2529	-0.1864	-0.0863
292	308	Qm-2	-0.2933	-0.2343	-0.0836
292	334	Qm-2	-0.2899	-0.2392	-0.07
292	333	Qm-2	-0.2459	-0.1924	-0.0727
293	308	DEAD	0.	0.	0.
293	309	DEAD	0.	0.	0.
293	335	DEAD	0.	0.	0.
293	334	DEAD	0.	0.	0.
293	308	G1	3.691E-08	-1.196E-07	-1.397E-08
293	309	G1	3.630E-08	-1.273E-07	-1.268E-08
293	335	G1	3.939E-08	-1.316E-07	-1.326E-08
293	334	G1	4.131E-08	-1.193E-07	-1.516E-08
293	308	G2	-1.0973	-0.6977	-0.0169
293	309	G2	-1.1124	-0.6927	-0.018
293	335	G2	-1.1303	-0.6933	-0.0111
293	334	G2	-1.1144	-0.6986	-0.01
293	308	Qm	4.4169	2.8567	-0.4404
293	309	Qm	4.3875	2.9307	-0.4269
293	335	Qm	4.4802	2.9163	-0.4072
293	334	Qm	4.5164	2.8448	-0.4207
293	308	Qs	-4.330E-09	-5.320E-09	-7.084E-11
293	309	Qs	-3.716E-09	-4.804E-09	-1.029E-11
293	335	Qs	-3.906E-09	-4.996E-09	-1.595E-10
293	334	Qs	-3.935E-09	-5.234E-09	-1.433E-10
293	308	T+	0.	0.	0.
293	309	T+	0.	0.	0.
293	335	T+	0.	0.	0.

Table 27: Element Forces - Area Shells, Part 2 of 3

Area	Joint	OutputCase	M11	M22	M12
			KN-mm/mm	KN-mm/mm	KN-mm/mm
293	334	T+	0.	0.	0.
293	308	T-	0.	0.	0.
293	309	T-	0.	0.	0.
293	335	T-	0.	0.	0.
293	334	T-	0.	0.	0.
293	308	W	1.0218	3.3682	-0.0793
293	309	W	1.0543	3.6381	-0.0906
293	335	W	0.4455	3.5472	-0.0805
293	334	W	0.4174	3.2711	-0.0692
293	308	Qm-1	4.296	-1.5272	-0.5086
293	309	Qm-1	4.068	-2.2831	-0.4951
293	335	Qm-1	4.1713	-2.2961	-0.4616
293	334	Qm-1	4.4073	-1.536	-0.4751
293	308	Qm-2	-0.2933	-0.2344	-0.0808
293	309	Qm-2	-0.3292	-0.268	-0.0788
293	335	Qm-2	-0.3284	-0.2719	-0.0661
293	334	Qm-2	-0.2899	-0.2393	-0.0681
294	309	DEAD	0.	0.	0.
294	310	DEAD	0.	0.	0.
294	336	DEAD	0.	0.	0.
294	335	DEAD	0.	0.	0.
294	309	G1	3.456E-08	-1.280E-07	-1.239E-08
294	310	G1	3.174E-08	-1.380E-07	-1.287E-08
294	336	G1	3.757E-08	-1.342E-07	-1.239E-08
294	335	G1	4.176E-08	-1.284E-07	-1.252E-08
294	309	G2	-1.1124	-0.6927	-0.0198
294	310	G2	-1.1275	-0.6737	-0.0212
294	336	G2	-1.1463	-0.674	-0.0131
294	335	G2	-1.1303	-0.6933	-0.0118
294	309	Qm	4.3875	2.9306	-0.4124
294	310	Qm	4.3409	2.8982	-0.3987
294	336	Qm	4.4275	2.8827	-0.3807
294	335	Qm	4.4802	2.9163	-0.3944
294	309	Qs	-3.795E-09	-4.861E-09	-4.822E-11
294	310	Qs	-3.651E-09	-4.604E-09	-4.011E-11
294	336	Qs	-3.743E-09	-4.532E-09	-9.255E-11
294	335	Qs	-3.911E-09	-4.909E-09	-6.227E-11
294	309	T+	0.	0.	0.
294	310	T+	0.	0.	0.
294	336	T+	0.	0.	0.
294	335	T+	0.	0.	0.
294	309	T-	0.	0.	0.
294	310	T-	0.	0.	0.
294	336	T-	0.	0.	0.
294	335	T-	0.	0.	0.
294	309	W	1.0543	3.638	-0.1049
294	310	W	1.0801	3.8893	-0.1201
294	336	W	0.4613	3.808	-0.1075
294	335	W	0.4455	3.547	-0.0922
294	309	Qm-1	4.068	-2.2831	-0.4769
294	310	Qm-1	3.9206	-2.7381	-0.4627
294	336	Qm-1	4.0166	-2.7533	-0.4378
294	335	Qm-1	4.1713	-2.296	-0.452
294	309	Qm-2	-0.3292	-0.268	-0.0771

Table 27: Element Forces - Area Shells, Part 2 of 3

Area	Joint	OutputCase	M11	M22	M12
			KN-mm/mm	KN-mm/mm	KN-mm/mm
294	310	Qm-2	-0.3622	-0.2865	-0.0756
294	336	Qm-2	-0.3633	-0.2898	-0.0629
294	335	Qm-2	-0.3284	-0.272	-0.0644
295	310	DEAD	0.	0.	0.
295	311	DEAD	0.	0.	0.
295	337	DEAD	0.	0.	0.
295	336	DEAD	0.	0.	0.
295	310	G1	3.155E-08	-1.337E-07	-1.241E-08
295	311	G1	3.586E-08	-1.258E-07	-1.183E-08
295	337	G1	3.696E-08	-1.269E-07	-1.134E-08
295	336	G1	3.750E-08	-1.346E-07	-1.254E-08
295	310	G2	-1.1275	-0.6738	-0.0234
295	311	G2	-1.1424	-0.6394	-0.0251
295	337	G2	-1.163	-0.639	-0.0156
295	336	G2	-1.1463	-0.674	-0.0139
295	310	Qm	4.3409	2.8981	-0.3844
295	311	Qm	4.2766	2.7634	-0.3709
295	337	Qm	4.358	2.7478	-0.3543
295	336	Qm	4.4275	2.8827	-0.3677
295	310	Qs	-3.614E-09	-4.310E-09	-7.507E-11
295	311	Qs	-3.518E-09	-4.066E-09	-2.263E-11
295	337	Qs	-3.531E-09	-3.961E-09	-5.290E-11
295	336	Qs	-3.789E-09	-4.559E-09	-6.696E-11
295	310	T+	0.	0.	0.
295	311	T+	0.	0.	0.
295	337	T+	0.	0.	0.
295	336	T+	0.	0.	0.
295	310	T-	0.	0.	0.
295	311	T-	0.	0.	0.
295	337	T-	0.	0.	0.
295	336	T-	0.	0.	0.
295	310	W	1.08	3.8891	-0.1401
295	311	W	1.095	4.1163	-0.161
295	337	W	0.4576	4.0465	-0.144
295	336	W	0.4612	3.8078	-0.1231
295	310	Qm-1	3.9206	-2.7381	-0.4439
295	311	Qm-1	3.8551	-2.8929	-0.4298
295	337	Qm-1	3.9446	-2.9085	-0.414
295	336	Qm-1	4.0166	-2.7532	-0.4282
295	310	Qm-2	-0.3622	-0.2865	-0.0745
295	311	Qm-2	-0.3938	-0.2895	-0.0734
295	337	Qm-2	-0.3963	-0.2925	-0.0602
295	336	Qm-2	-0.3634	-0.2898	-0.0614
296	311	DEAD	0.	0.	0.
296	312	DEAD	0.	0.	0.
296	338	DEAD	0.	0.	0.
296	337	DEAD	0.	0.	0.
296	311	G1	3.546E-08	-1.249E-07	-1.038E-08
296	312	G1	3.280E-08	-1.213E-07	-9.801E-09
296	338	G1	3.825E-08	-1.184E-07	-8.253E-09
296	337	G1	3.715E-08	-1.315E-07	-9.446E-09
296	311	G2	-1.1424	-0.6395	-0.0279
296	312	G2	-1.1578	-0.5883	-0.0301
296	338	G2	-1.1811	-0.587	-0.0188

Table 27: Element Forces - Area Shells, Part 2 of 3

Area	Joint	OutputCase	M11	M22	M12
			KN-mm/mm	KN-mm/mm	KN-mm/mm
296	337	G2	-1.163	-0.639	-0.0166
296	311	Qm	4.2766	2.7634	-0.3571
296	312	Qm	4.1951	2.5302	-0.3441
296	338	Qm	4.2717	2.5152	-0.3285
296	337	Qm	4.358	2.7478	-0.3415
296	311	Qs	-3.551E-09	-4.041E-09	-4.730E-11
296	312	Qs	-3.617E-09	-3.590E-09	-1.108E-11
296	338	Qs	-3.576E-09	-3.834E-09	8.569E-11
296	337	Qs	-3.520E-09	-4.103E-09	1.108E-11
296	311	T+	0.	0.	0.
296	312	T+	0.	0.	0.
296	338	T+	0.	0.	0.
296	337	T+	0.	0.	0.
296	311	T-	0.	0.	0.
296	312	T-	0.	0.	0.
296	338	T-	0.	0.	0.
296	337	T-	0.	0.	0.
296	311	W	1.0949	4.116	-0.1882
296	312	W	1.092	4.3115	-0.2146
296	338	W	0.4259	4.2469	-0.1909
296	337	W	0.4576	4.0464	-0.1645
296	311	Qm-1	3.8551	-2.8929	-0.4112
296	312	Qm-1	3.8718	-2.7453	-0.3977
296	338	Qm-1	3.9556	-2.7601	-0.3911
296	337	Qm-1	3.9446	-2.9085	-0.4047
296	311	Qm-2	-0.3938	-0.2895	-0.0728
296	312	Qm-2	-0.4245	-0.2777	-0.0718
296	338	Qm-2	-0.4281	-0.2806	-0.0578
296	337	Qm-2	-0.3963	-0.2925	-0.0588
297	312	DEAD	0.	0.	0.
297	313	DEAD	0.	0.	0.
297	339	DEAD	0.	0.	0.
297	338	DEAD	0.	0.	0.
297	312	G1	3.204E-08	-1.195E-07	-8.450E-09
297	313	G1	3.114E-08	-1.067E-07	-8.450E-09
297	339	G1	4.902E-08	-1.006E-07	-9.159E-09
297	338	G1	3.810E-08	-1.209E-07	-9.159E-09
297	312	G2	-1.1578	-0.5884	-0.0338
297	313	G2	-1.1743	-0.5191	-0.0367
297	339	G2	-1.202	-0.5168	-0.0231
297	338	G2	-1.1812	-0.587	-0.0202
297	312	Qm	4.1951	2.5302	-0.3309
297	313	Qm	4.0971	2.2016	-0.3186
297	339	Qm	4.1696	2.1878	-0.3043
297	338	Qm	4.2717	2.5152	-0.3165
297	312	Qs	-3.576E-09	-3.754E-09	9.552E-11
297	313	Qs	-3.775E-09	-3.474E-09	5.119E-11
297	339	Qs	-2.961E-09	-3.205E-09	6.858E-12
297	338	Qs	-3.625E-09	-3.657E-09	5.119E-11
297	312	T+	0.	0.	0.
297	313	T+	0.	0.	0.
297	339	T+	0.	0.	0.
297	338	T+	0.	0.	0.
297	312	T-	0.	0.	0.

Table 27: Element Forces - Area Shells, Part 2 of 3

Area	Joint	OutputCase	M11	M22	M12
			KN-mm/mm	KN-mm/mm	KN-mm/mm
297	313	T-	0.	0.	0.
297	339	T-	0.	0.	0.
297	338	T-	0.	0.	0.
297	312	W	1.0919	4.3109	-0.2462
297	313	W	1.0565	4.4599	-0.2708
297	339	W	0.3643	4.3695	-0.2392
297	338	W	0.426	4.2476	-0.2147
297	312	Qm-1	3.8718	-2.7453	-0.3802
297	313	Qm-1	3.9704	-2.291	-0.3677
297	339	Qm-1	4.0492	-2.304	-0.3697
297	338	Qm-1	3.9556	-2.7602	-0.3823
297	312	Qm-2	-0.4245	-0.2777	-0.0713
297	313	Qm-2	-0.4546	-0.2526	-0.0703
297	339	Qm-2	-0.4591	-0.2557	-0.0555
297	338	Qm-2	-0.4281	-0.2806	-0.0565
298	313	DEAD	0.	0.	0.
298	314	DEAD	0.	0.	0.
298	340	DEAD	0.	0.	0.
298	339	DEAD	0.	0.	0.
298	313	G1	3.090E-08	-1.064E-07	-9.159E-09
298	314	G1	4.298E-08	-8.043E-08	-8.805E-09
298	340	G1	4.420E-08	-8.141E-08	-8.450E-09
298	339	G1	4.839E-08	-1.034E-07	-8.805E-09
298	313	G2	-1.1744	-0.5192	-0.0414
298	314	G2	-1.1938	-0.4309	-0.0448
298	340	G2	-1.2271	-0.4289	-0.0282
298	339	G2	-1.202	-0.5169	-0.0248
298	313	Qm	4.0971	2.2016	-0.3061
298	314	Qm	3.984	1.78	-0.2948
298	340	Qm	4.053	1.768	-0.282
298	339	Qm	4.1696	2.1878	-0.2933
298	313	Qs	-3.724E-09	-3.480E-09	-3.028E-11
298	314	Qs	-3.341E-09	-2.959E-09	-3.028E-11
298	340	Qs	-3.521E-09	-3.067E-09	-8.113E-12
298	339	Qs	-2.973E-09	-3.310E-09	-8.113E-12
298	313	T+	0.	0.	0.
298	314	T+	0.	0.	0.
298	340	T+	0.	0.	0.
298	339	T+	0.	0.	0.
298	313	T-	0.	0.	0.
298	314	T-	0.	0.	0.
298	340	T-	0.	0.	0.
298	339	T-	0.	0.	0.
298	313	W	1.0565	4.46	-0.2876
298	314	W	0.9723	4.5157	-0.2847
298	340	W	0.3028	4.317	-0.2543
298	339	W	0.3649	4.3727	-0.2572
298	313	Qm-1	3.9703	-2.2911	-0.3518
298	314	Qm-1	4.1498	-1.524	-0.3404
298	340	Qm-1	4.2244	-1.5346	-0.3503
298	339	Qm-1	4.0491	-2.3041	-0.3617
298	313	Qm-2	-0.4546	-0.2526	-0.0697
298	314	Qm-2	-0.4839	-0.2166	-0.0687
298	340	Qm-2	-0.4891	-0.2199	-0.0534

Table 27: Element Forces - Area Shells, Part 2 of 3

Area	Joint	OutputCase	M11	M22	M12
			KN-mm/mm	KN-mm/mm	KN-mm/mm
298	339	Qm-2	-0.4591	-0.2557	-0.0543
299	314	DEAD	0.	0.	0.
299	315	DEAD	0.	0.	0.
299	341	DEAD	0.	0.	0.
299	340	DEAD	0.	0.	0.
299	314	G1	4.124E-08	-8.130E-08	-8.750E-09
299	315	G1	5.139E-08	-4.840E-08	-8.395E-09
299	341	G1	4.789E-08	-4.805E-08	-8.040E-09
299	340	G1	4.633E-08	-8.218E-08	-8.395E-09
299	314	G2	-1.1938	-0.4309	-0.0501
299	315	G2	-1.2186	-0.3249	-0.0531
299	341	G2	-1.2572	-0.3266	-0.033
299	340	G2	-1.2271	-0.4289	-0.0299
299	314	Qm	3.984	1.78	-0.283
299	315	Qm	3.8579	1.2674	-0.2728
299	341	Qm	3.9237	1.2577	-0.2622
299	340	Qm	4.053	1.768	-0.2724
299	314	Qs	-3.313E-09	-2.994E-09	-3.496E-11
299	315	Qs	-3.208E-09	-2.354E-09	-3.496E-11
299	341	Qs	-3.388E-09	-2.370E-09	9.368E-12
299	340	Qs	-3.560E-09	-3.116E-09	9.368E-12
299	314	T+	0.	0.	0.
299	315	T+	0.	0.	0.
299	341	T+	0.	0.	0.
299	340	T+	0.	0.	0.
299	314	T-	0.	0.	0.
299	315	T-	0.	0.	0.
299	341	T-	0.	0.	0.
299	340	T-	0.	0.	0.
299	314	W	0.9747	4.5274	-0.2301
299	315	W	0.8794	4.2849	-0.1602
299	341	W	0.3488	3.9144	-0.1768
299	340	W	0.3038	4.3218	-0.2467
299	314	Qm-1	4.1498	-1.5241	-0.3264
299	315	Qm-1	4.4091	-0.4375	-0.3164
299	341	Qm-1	4.4804	-0.4455	-0.3331
299	340	Qm-1	4.2244	-1.5347	-0.3431
299	314	Qm-2	-0.4839	-0.2165	-0.0679
299	315	Qm-2	-0.5121	-0.1721	-0.067
299	341	Qm-2	-0.5178	-0.1753	-0.0514
299	340	Qm-2	-0.4891	-0.2199	-0.0523
300	315	DEAD	0.	0.	0.
300	316	DEAD	0.	0.	0.
300	342	DEAD	0.	0.	0.
300	341	DEAD	0.	0.	0.
300	315	G1	5.155E-08	-4.346E-08	-6.647E-09
300	316	G1	5.612E-08	-1.068E-08	-4.874E-09
300	342	G1	6.050E-08	-9.321E-09	-5.229E-09
300	341	G1	4.610E-08	-5.439E-08	-7.002E-09
300	315	G2	-1.2186	-0.3247	-0.0569
300	316	G2	-1.2488	-0.2101	-0.0584
300	342	G2	-1.2913	-0.2171	-0.0357
300	341	G2	-1.2572	-0.3264	-0.0341
300	315	Qm	3.8579	1.2675	-0.2618

Table 27: Element Forces - Area Shells, Part 2 of 3

Area	Joint	OutputCase	M11	M22	M12
			KN-mm/mm	KN-mm/mm	KN-mm/mm
300	316	Qm	3.7209	0.6655	-0.2529
300	342	Qm	3.7841	0.6585	-0.2453
300	341	Qm	3.9238	1.2578	-0.2542
300	315	Qs	-3.100E-09	-2.123E-09	4.868E-11
300	316	Qs	-3.402E-09	-1.872E-09	1.595E-10
300	342	Qs	-3.139E-09	-1.851E-09	1.817E-10
300	341	Qs	-3.547E-09	-2.659E-09	7.084E-11
300	315	T+	0.	0.	0.
300	316	T+	0.	0.	0.
300	342	T+	0.	0.	0.
300	341	T+	0.	0.	0.
300	315	T-	0.	0.	0.
300	316	T-	0.	0.	0.
300	342	T-	0.	0.	0.
300	341	T-	0.	0.	0.
300	315	W	0.8747	4.2615	0.0097
300	316	W	1.0568	3.4203	0.1188
300	342	W	0.5828	3.0348	-0.0396
300	341	W	0.3506	3.9235	-0.1487
300	315	Qm-1	4.4091	-0.4376	-0.3041
300	316	Qm-1	4.7479	0.9751	-0.2956
300	342	Qm-1	4.8165	0.9698	-0.3183
300	341	Qm-1	4.4804	-0.4455	-0.3269
300	315	Qm-2	-0.5121	-0.1721	-0.0661
300	316	Qm-2	-0.5388	-0.121	-0.0653
300	342	Qm-2	-0.5453	-0.1237	-0.0498
300	341	Qm-2	-0.5178	-0.1753	-0.0505
301	316	DEAD	0.	0.	0.
301	317	DEAD	0.	0.	0.
301	343	DEAD	0.	0.	0.
301	342	DEAD	0.	0.	0.
301	316	G1	5.660E-08	-9.931E-09	-4.819E-09
301	317	G1	6.021E-08	-4.103E-09	-5.528E-09
301	343	G1	6.103E-08	-2.661E-09	-6.238E-09
301	342	G1	5.896E-08	-8.182E-09	-5.528E-09
301	316	G2	-1.2487	-0.21	-0.0597
301	317	G2	-1.2814	-0.1003	-0.0603
301	343	G2	-1.3279	-0.1079	-0.0368
301	342	G2	-1.2913	-0.217	-0.0361
301	316	Qm	3.7209	0.6656	-0.2428
301	317	Qm	3.6154	0.1758	-0.2354
301	343	Qm	3.6765	0.1722	-0.2317
301	342	Qm	3.7841	0.6586	-0.2391
301	316	Qs	-3.333E-09	-1.888E-09	1.501E-10
301	317	Qs	-3.028E-09	-7.104E-10	1.058E-10
301	343	Qs	-2.997E-09	-5.447E-10	1.058E-10
301	342	Qs	-3.158E-09	-1.694E-09	1.501E-10
301	316	T+	0.	0.	0.
301	317	T+	0.	0.	0.
301	343	T+	0.	0.	0.
301	342	T+	0.	0.	0.
301	316	T-	0.	0.	0.
301	317	T-	0.	0.	0.
301	343	T-	0.	0.	0.

Table 27: Element Forces - Area Shells, Part 2 of 3

Area	Joint	OutputCase	M11	M22	M12
			KN-mm/mm	KN-mm/mm	KN-mm/mm
301	342	T-	0.	0.	0.
301	316	W	1.1043	3.658	0.3418
301	317	W	1.4062	1.4375	0.3828
301	343	W	1.0919	1.7487	0.0677
301	342	W	0.572	2.9809	0.0268
301	316	Qm-1	4.7479	0.9751	-0.2848
301	317	Qm-1	4.6861	0.3195	-0.2775
301	343	Qm-1	4.7528	0.3169	-0.3059
301	342	Qm-1	4.8165	0.9698	-0.3132
301	316	Qm-2	-0.5388	-0.121	-0.0649
301	317	Qm-2	-0.5648	-0.064	-0.0645
301	343	Qm-2	-0.5721	-0.0656	-0.0487
301	342	Qm-2	-0.5454	-0.1238	-0.0491
302	317	DEAD	0.	0.	0.
302	318	DEAD	0.	0.	0.
302	344	DEAD	0.	0.	0.
302	343	DEAD	0.	0.	0.
302	317	G1	6.074E-08	-1.393E-09	-5.174E-09
302	318	G1	6.260E-08	-1.771E-09	-4.819E-09
302	344	G1	6.593E-08	3.262E-09	-5.883E-09
302	343	G1	5.900E-08	-6.957E-09	-6.238E-09
302	317	G2	-1.2814	-0.1004	-0.0617
302	318	G2	-1.3161	-1.507E-04	-0.0643
302	344	G2	-1.3689	-2.735E-04	-0.0398
302	343	G2	-1.328	-0.1081	-0.0373
302	317	Qm	3.6154	0.1759	-0.2264
302	318	Qm	3.5843	4.526E-04	-0.2207
302	344	Qm	3.6433	4.053E-04	-0.2217
302	343	Qm	3.6766	0.1722	-0.2275
302	317	Qs	-3.024E-09	-6.785E-10	1.024E-10
302	318	Qs	-3.145E-09	-5.267E-11	1.245E-10
302	344	Qs	-2.514E-09	2.082E-10	1.024E-10
302	343	Qs	-3.084E-09	-8.783E-10	8.021E-11
302	317	T+	0.	0.	0.
302	318	T+	0.	0.	0.
302	344	T+	0.	0.	0.
302	343	T+	0.	0.	0.
302	317	T-	0.	0.	0.
302	318	T-	0.	0.	0.
302	344	T-	0.	0.	0.
302	343	T-	0.	0.	0.
302	317	W	1.5871	2.3424	0.4996
302	318	W	2.1931	-0.2254	0.5601
302	344	W	1.7157	0.0547	0.1263
302	343	W	1.0562	1.5703	0.0658
302	317	Qm-1	4.6861	0.3196	-0.2681
302	318	Qm-1	4.7048	4.878E-04	-0.262
302	344	Qm-1	4.77	4.617E-04	-0.296
302	343	Qm-1	4.7528	0.3169	-0.302
302	317	Qm-2	-0.5648	-0.0641	-0.0648
302	318	Qm-2	-0.5911	-8.393E-05	-0.0651
302	344	Qm-2	-0.5993	-1.118E-04	-0.0486
302	343	Qm-2	-0.5721	-0.0657	-0.0483
303	319	DEAD	0.	0.	0.

Table 27: Element Forces - Area Shells, Part 2 of 3

Area	Joint	OutputCase	M11	M22	M12
			KN-mm/mm	KN-mm/mm	KN-mm/mm
303	320	DEAD	0.	0.	0.
303	346	DEAD	0.	0.	0.
303	345	DEAD	0.	0.	0.
303	319	G1	1.071E-07	3.165E-09	-1.800E-08
303	320	G1	1.046E-07	-5.074E-09	-1.659E-08
303	346	G1	1.090E-07	-5.391E-09	-1.517E-08
303	345	G1	1.160E-07	-6.850E-10	-1.659E-08
303	319	G2	-1.0242	-1.092E-04	0.0049
303	320	G2	-1.0098	-0.0459	0.0049
303	346	G2	-1.0098	-0.0459	-0.0049
303	345	G2	-1.0242	-1.092E-04	-0.0049
303	319	Qm	4.3887	6.333E-04	-0.2951
303	320	Qm	4.4223	0.1151	-0.2915
303	346	Qm	4.4854	0.1238	-0.2947
303	345	Qm	4.4561	7.543E-04	-0.2983
303	319	Qs	-2.342E-09	2.449E-10	-6.517E-10
303	320	Qs	-2.578E-09	-6.782E-10	-5.409E-10
303	346	Qs	-2.516E-09	-6.944E-10	-4.744E-10
303	345	Qs	-2.021E-09	-8.804E-11	-5.853E-10
303	319	T+	0.	0.	0.
303	320	T+	0.	0.	0.
303	346	T+	0.	0.	0.
303	345	T+	0.	0.	0.
303	319	T-	0.	0.	0.
303	320	T-	0.	0.	0.
303	346	T-	0.	0.	0.
303	345	T-	0.	0.	0.
303	319	W	-0.05	9.158E-05	0.5505
303	320	W	-0.0519	0.0373	0.5023
303	346	W	-0.6568	0.0255	0.5046
303	345	W	-0.6603	-1.370E-04	0.5527
303	319	Qm-1	5.5727	7.446E-04	-0.329
303	320	Qm-1	5.5978	0.1776	-0.3251
303	346	Qm-1	5.6672	0.1871	-0.3194
303	345	Qm-1	5.647	8.863E-04	-0.3233
303	319	Qm-2	0.2884	2.829E-04	-0.0313
303	320	Qm-2	0.2916	0.0371	-0.0288
303	346	Qm-2	0.3162	0.0344	-0.028
303	345	Qm-2	0.3095	3.307E-04	-0.0304
304	320	DEAD	0.	0.	0.
304	321	DEAD	0.	0.	0.
304	347	DEAD	0.	0.	0.
304	346	DEAD	0.	0.	0.
304	320	G1	1.030E-07	-7.140E-09	-1.556E-08
304	321	G1	1.042E-07	2.963E-10	-1.495E-08
304	347	G1	1.084E-07	-2.663E-09	-1.556E-08
304	346	G1	1.100E-07	-3.649E-09	-1.495E-08
304	320	G2	-1.0098	-0.0459	0.0042
304	321	G2	-0.9998	-0.0978	0.0042
304	347	G2	-0.9998	-0.0978	-0.0042
304	346	G2	-1.0098	-0.0459	-0.0042
304	320	Qm	4.4222	0.1148	-0.2864
304	321	Qm	4.5197	0.4678	-0.2868
304	347	Qm	4.5792	0.4853	-0.2969

Table 27: Element Forces - Area Shells, Part 2 of 3

Area	Joint	OutputCase	M11	M22	M12
			KN-mm/mm	KN-mm/mm	KN-mm/mm
304	346	Qm	4.4853	0.1235	-0.2965
304	320	Qs	-2.570E-09	-5.432E-10	-5.068E-10
304	321	Qs	-2.867E-09	-1.329E-09	-4.927E-10
304	347	Qs	-2.589E-09	-1.372E-09	-4.403E-10
304	346	Qs	-2.455E-09	-5.951E-10	-4.927E-10
304	320	T+	0.	0.	0.
304	321	T+	0.	0.	0.
304	347	T+	0.	0.	0.
304	346	T+	0.	0.	0.
304	320	T-	0.	0.	0.
304	321	T-	0.	0.	0.
304	347	T-	0.	0.	0.
304	346	T-	0.	0.	0.
304	320	W	-0.0519	0.0373	0.4566
304	321	W	-0.0445	0.1161	0.4135
304	347	W	-0.6471	0.0936	0.4161
304	346	W	-0.6568	0.0255	0.4592
304	320	Qm-1	5.5977	0.1772	-0.3193
304	321	Qm-1	5.6987	0.642	-0.3195
304	347	Qm-1	5.7643	0.6605	-0.3217
304	346	Qm-1	5.6671	0.1868	-0.3215
304	320	Qm-2	0.2916	0.037	-0.0236
304	321	Qm-2	0.3118	0.1247	-0.02
304	347	Qm-2	0.3478	0.1218	-0.0235
304	346	Qm-2	0.3163	0.0348	-0.0271
305	321	DEAD	0.	0.	0.
305	322	DEAD	0.	0.	0.
305	348	DEAD	0.	0.	0.
305	347	DEAD	0.	0.	0.
305	321	G1	1.021E-07	-3.438E-10	-1.476E-08
305	322	G1	1.062E-07	5.856E-09	-1.379E-08
305	348	G1	1.051E-07	4.311E-09	-1.370E-08
305	347	G1	1.108E-07	-6.605E-10	-1.344E-08
305	321	G2	-0.9998	-0.0978	0.0036
305	322	G2	-0.994	-0.1545	0.0036
305	348	G2	-0.994	-0.1545	-0.0036
305	347	G2	-0.9998	-0.0978	-0.0036
305	321	Qm	4.5196	0.4675	-0.2874
305	322	Qm	4.6766	1.0762	-0.2917
305	348	Qm	4.7319	1.1023	-0.3052
305	347	Qm	4.5791	0.485	-0.3009
305	321	Qs	-2.901E-09	-1.269E-09	-4.219E-10
305	322	Qs	-3.097E-09	-2.248E-09	-4.078E-10
305	348	Qs	-3.009E-09	-2.408E-09	-3.332E-10
305	347	Qs	-2.545E-09	-1.353E-09	-3.856E-10
305	321	T+	0.	0.	0.
305	322	T+	0.	0.	0.
305	348	T+	0.	0.	0.
305	347	T+	0.	0.	0.
305	321	T-	0.	0.	0.
305	322	T-	0.	0.	0.
305	348	T-	0.	0.	0.
305	347	T-	0.	0.	0.
305	321	W	-0.0446	0.1161	0.3725

Table 27: Element Forces - Area Shells, Part 2 of 3

Area	Joint	OutputCase	M11	M22	M12
			KN-mm/mm	KN-mm/mm	KN-mm/mm
305	322	W	-0.03	0.2329	0.3339
305	348	W	-0.6307	0.2002	0.3368
305	347	W	-0.647	0.0936	0.3754
305	321	Qm-1	5.6987	0.6416	-0.3199
305	322	Qm-1	5.87	1.413	-0.324
305	348	Qm-1	5.9313	1.4394	-0.3299
305	347	Qm-1	5.7642	0.6602	-0.3258
305	321	Qm-2	0.3124	0.1278	-0.0154
305	322	Qm-2	0.3637	0.2525	-0.0224
305	348	Qm-2	0.3885	0.308	-0.0286
305	347	Qm-2	0.347	0.1176	-0.0216
306	322	DEAD	0.	0.	0.
306	323	DEAD	0.	0.	0.
306	349	DEAD	0.	0.	0.
306	348	DEAD	0.	0.	0.
306	322	G1	1.052E-07	7.049E-09	-1.377E-08
306	323	G1	1.061E-07	2.593E-08	-1.387E-08
306	349	G1	1.148E-07	3.068E-08	-1.448E-08
306	348	G1	1.068E-07	9.262E-09	-1.316E-08
306	322	G2	-0.994	-0.1545	0.0029
306	323	G2	-0.9919	-0.2143	0.0029
306	349	G2	-0.9919	-0.2143	-0.0029
306	348	G2	-0.994	-0.1545	-0.0029
306	322	Qm	4.6765	1.0758	-0.2984
306	323	Qm	4.8865	1.9599	-0.3064
306	349	Qm	4.9375	1.9936	-0.319
306	348	Qm	4.7319	1.102	-0.311
306	322	Qs	-3.066E-09	-2.190E-09	-3.251E-10
306	323	Qs	-3.313E-09	-2.771E-09	-3.775E-10
306	349	Qs	-2.789E-09	-2.667E-09	-3.916E-10
306	348	Qs	-2.925E-09	-2.162E-09	-3.775E-10
306	322	T+	0.	0.	0.
306	323	T+	0.	0.	0.
306	349	T+	0.	0.	0.
306	348	T+	0.	0.	0.
306	322	T-	0.	0.	0.
306	323	T-	0.	0.	0.
306	349	T-	0.	0.	0.
306	348	T-	0.	0.	0.
306	322	W	-0.03	0.2329	0.2973
306	323	W	-0.0089	0.3845	0.263
306	349	W	-0.6086	0.3414	0.2662
306	348	W	-0.6307	0.2002	0.3005
306	322	Qm-1	5.8699	1.4126	-0.3301
306	323	Qm-1	6.1046	2.5094	-0.3374
306	349	Qm-1	6.1621	2.5417	-0.3427
306	348	Qm-1	5.9313	1.439	-0.3354
306	322	Qm-2	0.3623	0.2453	-0.0423
306	323	Qm-2	0.5456	0.6062	-0.0405
306	349	Qm-2	0.3119	0.4879	-0.0402
306	348	Qm-2	0.3896	0.3138	-0.042
307	323	DEAD	0.	0.	0.
307	324	DEAD	0.	0.	0.
307	350	DEAD	0.	0.	0.

Table 27: Element Forces - Area Shells, Part 2 of 3

Area	Joint	OutputCase	M11	M22	M12
			KN-mm/mm	KN-mm/mm	KN-mm/mm
307	349	DEAD	0.	0.	0.
307	323	G1	1.069E-07	2.818E-08	-1.375E-08
307	324	G1	1.029E-07	8.543E-09	-1.362E-08
307	350	G1	1.093E-07	1.249E-08	-1.410E-08
307	349	G1	1.137E-07	2.667E-08	-1.362E-08
307	323	G2	-0.9919	-0.2143	0.0023
307	324	G2	-0.9934	-0.2758	0.0023
307	350	G2	-0.9934	-0.2758	-0.0023
307	349	G2	-0.9919	-0.2143	-0.0023
307	323	Qm	4.8864	1.9596	-0.3187
307	324	Qm	5.0668	2.7586	-0.3297
307	350	Qm	5.1138	2.7974	-0.3372
307	349	Qm	4.9375	1.9932	-0.3262
307	323	Qs	-3.303E-09	-2.803E-09	-3.886E-10
307	324	Qs	-3.202E-09	-3.298E-09	-3.664E-10
307	350	Qs	-3.182E-09	-3.324E-09	-3.664E-10
307	349	Qs	-2.765E-09	-2.771E-09	-3.886E-10
307	323	T+	0.	0.	0.
307	324	T+	0.	0.	0.
307	350	T+	0.	0.	0.
307	349	T+	0.	0.	0.
307	323	T-	0.	0.	0.
307	324	T-	0.	0.	0.
307	350	T-	0.	0.	0.
307	349	T-	0.	0.	0.
307	323	W	-0.0089	0.3845	0.2308
307	324	W	0.0175	0.5673	0.2011
307	350	W	-0.5812	0.5134	0.2046
307	349	W	-0.6086	0.3415	0.2344
307	323	Qm-1	6.1046	2.5091	-0.3482
307	324	Qm-1	6.0369	2.1486	-0.3577
307	350	Qm-1	6.0908	2.1844	-0.3587
307	349	Qm-1	6.1621	2.5414	-0.3491
307	323	Qm-2	0.5456	0.6062	-0.0251
307	324	Qm-2	0.3553	0.3583	-0.023
307	350	Qm-2	0.3896	0.4265	-0.0125
307	349	Qm-2	0.3119	0.488	-0.0146
308	324	DEAD	0.	0.	0.
308	325	DEAD	0.	0.	0.
308	351	DEAD	0.	0.	0.
308	350	DEAD	0.	0.	0.
308	324	G1	1.033E-07	8.044E-09	-1.428E-08
308	325	G1	1.014E-07	-8.462E-10	-1.428E-08
308	351	G1	1.054E-07	-4.678E-10	-1.357E-08
308	350	G1	1.088E-07	8.729E-09	-1.357E-08
308	324	G2	-0.9934	-0.2758	0.0016
308	325	G2	-0.9979	-0.3375	0.0016
308	351	G2	-0.9979	-0.3375	-0.0016
308	350	G2	-0.9934	-0.2758	-0.0016
308	324	Qm	5.0668	2.7584	-0.346
308	325	Qm	5.1366	3.1085	-0.3587
308	351	Qm	5.18	3.1489	-0.3578
308	350	Qm	5.1137	2.7972	-0.3451
308	324	Qs	-3.215E-09	-3.403E-09	-3.293E-10

Table 27: Element Forces - Area Shells, Part 2 of 3

Area	Joint	OutputCase	M11	M22	M12
			KN-mm/mm	KN-mm/mm	KN-mm/mm
308	325	Qs	-3.491E-09	-3.905E-09	-3.071E-10
308	351	Qs	-3.254E-09	-3.796E-09	-2.850E-10
308	350	Qs	-3.170E-09	-3.562E-09	-3.071E-10
308	324	T+	0.	0.	0.
308	325	T+	0.	0.	0.
308	351	T+	0.	0.	0.
308	350	T+	0.	0.	0.
308	324	T-	0.	0.	0.
308	325	T-	0.	0.	0.
308	351	T-	0.	0.	0.
308	350	T-	0.	0.	0.
308	324	W	0.0175	0.5673	0.1735
308	325	W	0.0486	0.7779	0.1485
308	351	W	-0.5491	0.7125	0.1525
308	350	W	-0.5812	0.5134	0.1774
308	324	Qm-1	6.0368	2.1484	-0.3718
308	325	Qm-1	6.0221	2.1447	-0.3825
308	351	Qm-1	6.0729	2.1813	-0.376
308	350	Qm-1	6.0908	2.1842	-0.3653
308	324	Qm-2	0.3567	0.3653	-0.0417
308	325	Qm-2	0.2995	0.3597	-0.0477
308	351	Qm-2	0.3538	0.3497	-0.0317
308	350	Qm-2	0.3885	0.421	-0.0258
309	325	DEAD	0.	0.	0.
309	326	DEAD	0.	0.	0.
309	352	DEAD	0.	0.	0.
309	351	DEAD	0.	0.	0.
309	325	G1	1.015E-07	7.069E-10	-1.463E-08
309	326	G1	9.485E-08	-3.926E-09	-1.499E-08
309	352	G1	1.039E-07	4.386E-09	-1.321E-08
309	351	G1	1.055E-07	-1.577E-09	-1.286E-08
309	325	G2	-0.9979	-0.3375	0.001
309	326	G2	-1.0053	-0.3983	0.001
309	352	G2	-1.0053	-0.3983	-0.001
309	351	G2	-0.9979	-0.3375	-0.001
309	325	Qm	5.1366	3.1084	-0.3769
309	326	Qm	5.0937	3.0192	-0.3898
309	352	Qm	5.1344	3.0576	-0.3788
309	351	Qm	5.18	3.1489	-0.3659
309	325	Qs	-3.386E-09	-3.882E-09	-3.293E-10
309	326	Qs	-3.632E-09	-4.547E-09	-3.515E-10
309	352	Qs	-3.519E-09	-4.148E-09	-2.850E-10
309	351	Qs	-3.311E-09	-4.136E-09	-2.628E-10
309	325	T+	0.	0.	0.
309	326	T+	0.	0.	0.
309	352	T+	0.	0.	0.
309	351	T+	0.	0.	0.
309	325	T-	0.	0.	0.
309	326	T-	0.	0.	0.
309	352	T-	0.	0.	0.
309	351	T-	0.	0.	0.
309	325	W	0.0486	0.7779	0.1258
309	326	W	0.0837	1.0122	0.1057
309	352	W	-0.5132	0.9354	0.1099

Table 27: Element Forces - Area Shells, Part 2 of 3

Area	Joint	OutputCase	M11	M22	M12
			KN-mm/mm	KN-mm/mm	KN-mm/mm
309	351	W	-0.5491	0.7125	0.1301
309	325	Qm-1	6.022	2.1446	-0.3981
309	326	Qm-1	6.0574	2.5075	-0.4088
309	352	Qm-1	6.1055	2.5419	-0.3928
309	351	Qm-1	6.0729	2.1811	-0.3822
309	325	Qm-2	0.2995	0.3597	-0.0429
309	326	Qm-2	0.2886	0.3834	-0.049
309	352	Qm-2	0.3206	0.44	-0.035
309	351	Qm-2	0.3538	0.3497	-0.0289
310	326	DEAD	0.	0.	0.
310	327	DEAD	0.	0.	0.
310	353	DEAD	0.	0.	0.
310	352	DEAD	0.	0.	0.
310	326	G1	9.660E-08	8.679E-11	-1.510E-08
310	327	G1	9.357E-08	1.370E-08	-1.571E-08
310	353	G1	1.072E-07	1.560E-08	-1.439E-08
310	352	G1	1.021E-07	2.219E-09	-1.500E-08
310	326	G2	-1.0053	-0.3983	4.354E-04
310	327	G2	-1.0149	-0.4567	4.354E-04
310	353	G2	-1.0149	-0.4567	-4.354E-04
310	352	G2	-1.0053	-0.3983	-4.354E-04
310	326	Qm	5.0937	3.0194	-0.407
310	327	Qm	4.9397	2.4931	-0.4185
310	353	Qm	4.9783	2.5258	-0.398
310	352	Qm	5.1344	3.0577	-0.3865
310	326	Qs	-3.555E-09	-4.135E-09	-3.084E-10
310	327	Qs	-3.825E-09	-4.830E-09	-2.803E-10
310	353	Qs	-3.431E-09	-4.841E-09	-2.419E-10
310	352	Qs	-3.573E-09	-4.367E-09	-3.468E-10
310	326	T+	0.	0.	0.
310	327	T+	0.	0.	0.
310	353	T+	0.	0.	0.
310	352	T+	0.	0.	0.
310	326	T-	0.	0.	0.
310	327	T-	0.	0.	0.
310	353	T-	0.	0.	0.
310	352	T-	0.	0.	0.
310	326	W	0.0837	1.0122	0.0877
310	327	W	0.1223	1.266	0.072
310	353	W	-0.4745	1.1792	0.0766
310	352	W	-0.5132	0.9354	0.0923
310	326	Qm-1	6.0574	2.5075	-0.4242
310	327	Qm-1	6.142	3.2416	-0.4336
310	353	Qm-1	6.1875	3.2712	-0.4073
310	352	Qm-1	6.1055	2.5419	-0.3979
310	326	Qm-2	0.2873	0.3765	-0.0679
310	327	Qm-2	0.4092	0.638	-0.0663
310	353	Qm-2	0.1755	0.5214	-0.0472
310	352	Qm-2	0.3217	0.4455	-0.0488
311	327	DEAD	0.	0.	0.
311	328	DEAD	0.	0.	0.
311	354	DEAD	0.	0.	0.
311	353	DEAD	0.	0.	0.
311	327	G1	9.484E-08	1.534E-08	-1.545E-08

Table 27: Element Forces - Area Shells, Part 2 of 3

Area	Joint	OutputCase	M11	M22	M12
			KN-mm/mm	KN-mm/mm	KN-mm/mm
311	328	G1	8.693E-08	-1.088E-08	-1.510E-08
311	354	G1	9.586E-08	-1.148E-08	-1.403E-08
311	353	G1	1.058E-07	1.736E-08	-1.439E-08
311	327	G2	-1.0149	-0.4567	-9.041E-05
311	328	G2	-1.0263	-0.5117	-9.041E-05
311	354	G2	-1.0263	-0.5117	9.041E-05
311	353	G2	-1.0149	-0.4567	9.041E-05
311	327	Qm	4.9398	2.4934	-0.4325
311	328	Qm	4.7552	1.9056	-0.4412
311	354	Qm	4.7919	1.93	-0.4132
311	353	Qm	4.9783	2.526	-0.4045
311	327	Qs	-3.988E-09	-4.853E-09	-3.212E-10
311	328	Qs	-4.013E-09	-4.864E-09	-2.990E-10
311	354	Qs	-3.384E-09	-5.091E-09	-2.547E-10
311	353	Qs	-3.282E-09	-4.465E-09	-2.769E-10
311	327	T+	0.	0.	0.
311	328	T+	0.	0.	0.
311	354	T+	0.	0.	0.
311	353	T+	0.	0.	0.
311	327	T-	0.	0.	0.
311	328	T-	0.	0.	0.
311	354	T-	0.	0.	0.
311	353	T-	0.	0.	0.
311	327	W	0.1223	1.266	0.0582
311	328	W	0.1638	1.5351	0.0462
311	354	W	-0.4337	1.4407	0.0511
311	353	W	-0.4745	1.1792	0.0631
311	327	Qm-1	6.142	3.2417	-0.447
311	328	Qm-1	5.9167	2.5462	-0.4542
311	354	Qm-1	5.96	2.569	-0.4181
311	353	Qm-1	6.1875	3.2713	-0.4109
311	327	Qm-2	0.4091	0.638	-0.0514
311	328	Qm-2	0.1568	0.2812	-0.0504
311	354	Qm-2	0.1839	0.3522	-0.0215
311	353	Qm-2	0.1755	0.5213	-0.0224
312	328	DEAD	0.	0.	0.
312	329	DEAD	0.	0.	0.
312	355	DEAD	0.	0.	0.
312	354	DEAD	0.	0.	0.
312	328	G1	8.567E-08	-1.654E-08	-1.594E-08
312	329	G1	7.570E-08	-2.922E-08	-1.594E-08
312	355	G1	9.042E-08	-2.687E-08	-1.416E-08
312	354	G1	9.831E-08	-9.807E-09	-1.416E-08
312	328	G2	-1.0263	-0.5117	-5.816E-04
312	329	G2	-1.0392	-0.5621	-5.816E-04
312	355	G2	-1.0392	-0.5621	5.816E-04
312	354	G2	-1.0263	-0.5117	5.816E-04
312	328	Qm	4.7553	1.9059	-0.4505
312	329	Qm	4.6222	1.6282	-0.4557
312	355	Qm	4.6569	1.6431	-0.4233
312	354	Qm	4.792	1.9303	-0.4181
312	328	Qs	-4.108E-09	-5.351E-09	-2.402E-10
312	329	Qs	-4.271E-09	-5.288E-09	-3.148E-10
312	355	Qs	-3.388E-09	-5.140E-09	-2.845E-10

Table 27: Element Forces - Area Shells, Part 2 of 3

Area	Joint	OutputCase	M11	M22	M12
			KN-mm/mm	KN-mm/mm	KN-mm/mm
312	354	Qs	-3.302E-09	-4.895E-09	-2.483E-10
312	328	T+	0.	0.	0.
312	329	T+	0.	0.	0.
312	355	T+	0.	0.	0.
312	354	T+	0.	0.	0.
312	328	T-	0.	0.	0.
312	329	T-	0.	0.	0.
312	355	T-	0.	0.	0.
312	354	T-	0.	0.	0.
312	328	W	0.1638	1.5351	0.0355
312	329	W	0.2076	1.8158	0.026
312	355	W	-0.3914	1.7163	0.0313
312	354	W	-0.4337	1.4407	0.0407
312	328	Qm-1	5.9167	2.5464	-0.4642
312	329	Qm-1	5.7445	2.2157	-0.4685
312	355	Qm-1	5.7855	2.2306	-0.4242
312	354	Qm-1	5.96	2.5692	-0.4198
312	328	Qm-2	0.1583	0.2884	-0.0711
312	329	Qm-2	0.0371	0.1538	-0.0793
312	355	Qm-2	0.0705	0.1467	-0.0446
312	354	Qm-2	0.1828	0.3464	-0.0363
313	329	DEAD	0.	0.	0.
313	330	DEAD	0.	0.	0.
313	356	DEAD	0.	0.	0.
313	355	DEAD	0.	0.	0.
313	329	G1	7.582E-08	-3.127E-08	-1.627E-08
313	330	G1	7.325E-08	-3.394E-08	-1.663E-08
313	356	G1	8.327E-08	-3.446E-08	-1.485E-08
313	355	G1	9.169E-08	-2.472E-08	-1.450E-08
313	329	G2	-1.0392	-0.5621	-0.0011
313	330	G2	-1.0531	-0.6065	-0.0011
313	356	G2	-1.0531	-0.6065	0.0011
313	355	G2	-1.0392	-0.5621	0.0011
313	329	Qm	4.6222	1.6284	-0.4597
313	330	Qm	4.5463	1.6515	-0.4611
313	356	Qm	4.5787	1.6569	-0.4275
313	355	Qm	4.6569	1.6434	-0.426
313	329	Qs	-4.249E-09	-5.383E-09	-3.421E-10
313	330	Qs	-4.056E-09	-5.266E-09	-3.421E-10
313	356	Qs	-3.778E-09	-5.421E-09	-2.978E-10
313	355	Qs	-3.319E-09	-5.039E-09	-2.978E-10
313	329	T+	0.	0.	0.
313	330	T+	0.	0.	0.
313	356	T+	0.	0.	0.
313	355	T+	0.	0.	0.
313	329	T-	0.	0.	0.
313	330	T-	0.	0.	0.
313	356	T-	0.	0.	0.
313	355	T-	0.	0.	0.
313	329	W	0.2076	1.8157	0.0173
313	330	W	0.2526	2.1044	0.0093
313	356	W	-0.3483	2.0022	0.0149
313	355	W	-0.3914	1.7163	0.0229
313	329	Qm-1	5.7445	2.2159	-0.4742

Table 27: Element Forces - Area Shells, Part 2 of 3

Area	Joint	OutputCase	M11	M22	M12
			KN-mm/mm	KN-mm/mm	KN-mm/mm
313	330	Qm-1	5.6299	2.2405	-0.4755
313	356	Qm-1	5.6682	2.2477	-0.4255
313	355	Qm-1	5.7855	2.2309	-0.4242
313	329	Qm-2	0.0365	0.1506	-0.0756
313	330	Qm-2	-0.0549	0.0338	-0.0735
313	356	Qm-2	-0.033	0.0347	-0.0425
313	355	Qm-2	0.0713	0.1509	-0.0446
314	330	DEAD	0.	0.	0.
314	331	DEAD	0.	0.	0.
314	357	DEAD	0.	0.	0.
314	356	DEAD	0.	0.	0.
314	330	G1	7.394E-08	-3.529E-08	-1.815E-08
314	331	G1	7.042E-08	-3.247E-08	-1.780E-08
314	357	G1	6.946E-08	-3.640E-08	-1.461E-08
314	356	G1	8.359E-08	-3.047E-08	-1.496E-08
314	330	G2	-1.0531	-0.6065	-0.0015
314	331	G2	-1.0678	-0.6437	-0.0015
314	357	G2	-1.0678	-0.6437	0.0015
314	356	G2	-1.0531	-0.6065	0.0015
314	330	Qm	4.5464	1.6516	-0.4601
314	331	Qm	4.5321	1.9678	-0.458
314	357	Qm	4.5618	1.9644	-0.4255
314	356	Qm	4.5788	1.657	-0.4276
314	330	Qs	-4.054E-09	-5.422E-09	-3.771E-10
314	331	Qs	-4.190E-09	-5.533E-09	-3.549E-10
314	357	Qs	-4.068E-09	-5.624E-09	-2.884E-10
314	356	Qs	-3.788E-09	-5.253E-09	-3.106E-10
314	330	T+	0.	0.	0.
314	331	T+	0.	0.	0.
314	357	T+	0.	0.	0.
314	356	T+	0.	0.	0.
314	330	T-	0.	0.	0.
314	331	T-	0.	0.	0.
314	357	T-	0.	0.	0.
314	356	T-	0.	0.	0.
314	330	W	0.2526	2.1044	0.0016
314	331	W	0.2975	2.3977	-0.0057
314	357	W	-0.3046	2.2944	1.984E-04
314	356	W	-0.3483	2.0022	0.0075
314	330	Qm-1	5.6299	2.2407	-0.4767
314	331	Qm-1	5.578	2.6088	-0.4753
314	357	Qm-1	5.613	2.6094	-0.4226
314	356	Qm-1	5.6682	2.2479	-0.424
314	330	Qm-2	-0.0548	0.0339	-0.069
314	331	Qm-2	-0.1312	-0.0575	-0.0677
314	357	Qm-2	-0.1145	-0.0565	-0.0424
314	356	Qm-2	-0.033	0.0344	-0.0437
315	331	DEAD	0.	0.	0.
315	332	DEAD	0.	0.	0.
315	358	DEAD	0.	0.	0.
315	357	DEAD	0.	0.	0.
315	331	G1	6.896E-08	-3.320E-08	-1.601E-08
315	332	G1	5.531E-08	-7.463E-08	-1.566E-08
315	358	G1	6.129E-08	-7.048E-08	-1.388E-08

Table 27: Element Forces - Area Shells, Part 2 of 3

Area	Joint	OutputCase	M11	M22	M12
			KN-mm/mm	KN-mm/mm	KN-mm/mm
315	357	G1	7.141E-08	-3.566E-08	-1.424E-08
315	331	G2	-1.0678	-0.6437	-0.002
315	332	G2	-1.0831	-0.6724	-0.002
315	358	G2	-1.0831	-0.6724	0.002
315	357	G2	-1.0678	-0.6437	0.002
315	331	Qm	4.5321	1.9679	-0.4528
315	332	Qm	4.5419	2.3726	-0.4475
315	358	Qm	4.5687	2.3616	-0.4176
315	357	Qm	4.5618	1.9645	-0.4229
315	331	Qs	-4.146E-09	-5.643E-09	-2.909E-10
315	332	Qs	-4.358E-09	-5.629E-09	-2.687E-10
315	358	Qs	-4.002E-09	-5.654E-09	-2.466E-10
315	357	Qs	-4.098E-09	-5.591E-09	-2.687E-10
315	331	T+	0.	0.	0.
315	332	T+	0.	0.	0.
315	358	T+	0.	0.	0.
315	357	T+	0.	0.	0.
315	331	T-	0.	0.	0.
315	332	T-	0.	0.	0.
315	358	T-	0.	0.	0.
315	357	T-	0.	0.	0.
315	331	W	0.2975	2.3977	-0.0131
315	332	W	0.341	2.6924	-0.0202
315	358	W	-0.2613	2.5888	-0.0138
315	357	W	-0.3046	2.2944	-0.0067
315	331	Qm-1	5.5781	2.6091	-0.4725
315	332	Qm-1	5.1141	0.9089	-0.469
315	358	Qm-1	5.145	0.9047	-0.4167
315	357	Qm-1	5.6131	2.6097	-0.4202
315	331	Qm-2	-0.1312	-0.0575	-0.0643
315	332	Qm-2	-0.1939	-0.1319	-0.0633
315	358	Qm-2	-0.1799	-0.1311	-0.0429
315	357	Qm-2	-0.1145	-0.0567	-0.0438
316	332	DEAD	0.	0.	0.
316	333	DEAD	0.	0.	0.
316	359	DEAD	0.	0.	0.
316	358	DEAD	0.	0.	0.
316	332	G1	5.274E-08	-7.541E-08	-1.560E-08
316	333	G1	4.654E-08	-9.862E-08	-1.489E-08
316	359	G1	5.110E-08	-1.038E-07	-1.347E-08
316	358	G1	6.298E-08	-7.064E-08	-1.418E-08
316	332	G2	-1.0831	-0.6724	-0.0025
316	333	G2	-1.0987	-0.6911	-0.0025
316	359	G2	-1.0987	-0.6911	0.0025
316	358	G2	-1.0831	-0.6724	0.0025
316	332	Qm	4.5419	2.3726	-0.4392
316	333	Qm	4.5368	2.6646	-0.4312
316	359	Qm	4.5604	2.6474	-0.4044
316	358	Qm	4.5687	2.3616	-0.4123
316	332	Qs	-4.366E-09	-5.827E-09	-2.559E-10
316	333	Qs	-4.287E-09	-5.433E-09	-2.338E-10
316	359	Qs	-3.994E-09	-5.566E-09	-2.559E-10
316	358	Qs	-4.015E-09	-5.672E-09	-2.781E-10
316	332	T+	0.	0.	0.

Table 27: Element Forces - Area Shells, Part 2 of 3

Area	Joint	OutputCase	M11	M22	M12
			KN-mm/mm	KN-mm/mm	KN-mm/mm
316	333	T+	0.	0.	0.
316	359	T+	0.	0.	0.
316	358	T+	0.	0.	0.
316	332	T-	0.	0.	0.
316	333	T-	0.	0.	0.
316	359	T-	0.	0.	0.
316	358	T-	0.	0.	0.
316	332	W	0.341	2.6924	-0.0277
316	333	W	0.3815	2.9848	-0.0348
316	359	W	-0.2196	2.8819	-0.0275
316	358	W	-0.2613	2.5888	-0.0204
316	332	Qm-1	5.1141	0.9091	-0.4631
316	333	Qm-1	4.7226	-0.4699	-0.4584
316	359	Qm-1	4.749	-0.477	-0.4093
316	358	Qm-1	5.1451	0.905	-0.4141
316	332	Qm-2	-0.1939	-0.132	-0.0607
316	333	Qm-2	-0.2459	-0.1923	-0.0598
316	359	Qm-2	-0.2332	-0.1921	-0.0429
316	358	Qm-2	-0.1799	-0.1312	-0.0438
317	333	DEAD	0.	0.	0.
317	334	DEAD	0.	0.	0.
317	360	DEAD	0.	0.	0.
317	359	DEAD	0.	0.	0.
317	333	G1	4.549E-08	-9.939E-08	-1.392E-08
317	334	G1	4.083E-08	-1.234E-07	-1.463E-08
317	360	G1	4.571E-08	-1.185E-07	-1.392E-08
317	359	G1	5.328E-08	-9.834E-08	-1.321E-08
317	333	G2	-1.0987	-0.6911	-0.003
317	334	G2	-1.1144	-0.6986	-0.003
317	360	G2	-1.1144	-0.6986	0.003
317	359	G2	-1.0987	-0.6911	0.003
317	333	Qm	4.5368	2.6645	-0.4207
317	334	Qm	4.5164	2.8448	-0.4107
317	360	Qm	4.5369	2.8229	-0.3868
317	359	Qm	4.5604	2.6473	-0.3967
317	333	Qs	-4.276E-09	-5.441E-09	-2.163E-10
317	334	Qs	-3.947E-09	-5.482E-09	-2.385E-10
317	360	Qs	-4.087E-09	-5.430E-09	-2.828E-10
317	359	Qs	-3.936E-09	-5.293E-09	-2.606E-10
317	333	T+	0.	0.	0.
317	334	T+	0.	0.	0.
317	360	T+	0.	0.	0.
317	359	T+	0.	0.	0.
317	333	T-	0.	0.	0.
317	334	T-	0.	0.	0.
317	360	T-	0.	0.	0.
317	359	T-	0.	0.	0.
317	333	W	0.3815	2.9848	-0.0427
317	334	W	0.4173	3.2712	-0.0503
317	360	W	-0.1821	3.1702	-0.0416
317	359	W	-0.2197	2.8818	-0.0341
317	333	Qm-1	4.7226	-0.4697	-0.4504
317	334	Qm-1	4.4073	-1.5362	-0.4452
317	360	Qm-1	4.4289	-1.5448	-0.4017

Table 27: Element Forces - Area Shells, Part 2 of 3

Area	Joint	OutputCase	M11	M22	M12
			KN-mm/mm	KN-mm/mm	KN-mm/mm
317	359	Qm-1	4.749	-0.4768	-0.407
317	333	Qm-2	-0.2459	-0.1924	-0.0576
317	334	Qm-2	-0.2899	-0.2392	-0.0565
317	360	Qm-2	-0.2778	-0.2398	-0.042
317	359	Qm-2	-0.2332	-0.1922	-0.0431
318	334	DEAD	0.	0.	0.
318	335	DEAD	0.	0.	0.
318	361	DEAD	0.	0.	0.
318	360	DEAD	0.	0.	0.
318	334	G1	4.024E-08	-1.197E-07	-1.407E-08
318	335	G1	3.851E-08	-1.308E-07	-1.372E-08
318	361	G1	3.993E-08	-1.319E-07	-1.336E-08
318	360	G1	4.587E-08	-1.217E-07	-1.372E-08
318	334	G2	-1.1144	-0.6986	-0.0035
318	335	G2	-1.1303	-0.6933	-0.0035
318	361	G2	-1.1303	-0.6933	0.0035
318	360	G2	-1.1144	-0.6986	0.0035
318	334	Qm	4.5164	2.8448	-0.3987
318	335	Qm	4.4802	2.9163	-0.3874
318	361	Qm	4.4976	2.8912	-0.3658
318	360	Qm	4.5369	2.8229	-0.3772
318	334	Qs	-3.997E-09	-5.253E-09	-1.902E-10
318	335	Qs	-3.952E-09	-4.984E-09	-1.540E-10
318	361	Qs	-3.756E-09	-4.913E-09	-1.681E-10
318	360	Qs	-4.099E-09	-5.518E-09	-2.427E-10
318	334	T+	0.	0.	0.
318	335	T+	0.	0.	0.
318	361	T+	0.	0.	0.
318	360	T+	0.	0.	0.
318	334	T-	0.	0.	0.
318	335	T-	0.	0.	0.
318	361	T-	0.	0.	0.
318	360	T-	0.	0.	0.
318	334	W	0.4173	3.2711	-0.0594
318	335	W	0.4454	3.5471	-0.0681
318	361	W	-0.1522	3.4503	-0.057
318	360	W	-0.1821	3.1701	-0.0484
318	334	Qm-1	4.4073	-1.536	-0.4361
318	335	Qm-1	4.1713	-2.2961	-0.4308
318	361	Qm-1	4.1883	-2.3053	-0.3948
318	360	Qm-1	4.429	-1.5447	-0.4001
318	334	Qm-2	-0.2899	-0.2393	-0.0546
318	335	Qm-2	-0.3284	-0.2719	-0.0532
318	361	Qm-2	-0.3164	-0.2733	-0.0399
318	360	Qm-2	-0.2778	-0.2399	-0.0413
319	335	DEAD	0.	0.	0.
319	336	DEAD	0.	0.	0.
319	362	DEAD	0.	0.	0.
319	361	DEAD	0.	0.	0.
319	335	G1	3.931E-08	-1.277E-07	-1.244E-08
319	336	G1	3.602E-08	-1.362E-07	-1.147E-08
319	362	G1	3.957E-08	-1.327E-07	-1.173E-08
319	361	G1	3.948E-08	-1.338E-07	-1.147E-08
319	335	G2	-1.1303	-0.6933	-0.0042

Table 27: Element Forces - Area Shells, Part 2 of 3

Area	Joint	OutputCase	M11	M22	M12
			KN-mm/mm	KN-mm/mm	KN-mm/mm
319	336	G2	-1.1463	-0.674	-0.0042
319	362	G2	-1.1463	-0.674	0.0042
319	361	G2	-1.1303	-0.6933	0.0042
319	335	Qm	4.4802	2.9163	-0.3746
319	336	Qm	4.4275	2.8827	-0.3625
319	362	Qm	4.4418	2.8559	-0.3427
319	361	Qm	4.4976	2.8912	-0.3549
319	335	Qs	-3.893E-09	-4.932E-09	-1.122E-10
319	336	Qs	-3.669E-09	-4.459E-09	-1.203E-10
319	362	Qs	-3.632E-09	-4.627E-09	-1.565E-10
319	361	Qs	-3.779E-09	-4.947E-09	-1.868E-10
319	335	T+	0.	0.	0.
319	336	T+	0.	0.	0.
319	362	T+	0.	0.	0.
319	361	T+	0.	0.	0.
319	335	T-	0.	0.	0.
319	336	T-	0.	0.	0.
319	362	T-	0.	0.	0.
319	361	T-	0.	0.	0.
319	335	W	0.4453	3.547	-0.0797
319	336	W	0.4611	3.808	-0.0905
319	362	W	-0.1351	3.7178	-0.0753
319	361	W	-0.1522	3.4502	-0.0645
319	335	Qm-1	4.1713	-2.296	-0.4212
319	336	Qm-1	4.0166	-2.7533	-0.4161
319	362	Qm-1	4.0294	-2.7625	-0.3889
319	361	Qm-1	4.1883	-2.3052	-0.394
319	335	Qm-2	-0.3284	-0.272	-0.0515
319	336	Qm-2	-0.3633	-0.2897	-0.0498
319	362	Qm-2	-0.3514	-0.2917	-0.0367
319	361	Qm-2	-0.3164	-0.2734	-0.0384
320	336	DEAD	0.	0.	0.
320	337	DEAD	0.	0.	0.
320	363	DEAD	0.	0.	0.
320	362	DEAD	0.	0.	0.
320	336	G1	3.768E-08	-1.345E-07	-1.156E-08
320	337	G1	3.655E-08	-1.267E-07	-1.050E-08
320	363	G1	4.043E-08	-1.303E-07	-1.014E-08
320	362	G1	3.850E-08	-1.351E-07	-1.121E-08
320	336	G2	-1.1464	-0.674	-0.0049
320	337	G2	-1.1631	-0.639	-0.0049
320	363	G2	-1.1631	-0.639	0.0049
320	362	G2	-1.1464	-0.674	0.0049
320	336	Qm	4.4275	2.8827	-0.3495
320	337	Qm	4.358	2.7478	-0.3372
320	363	Qm	4.3692	2.7208	-0.3188
320	362	Qm	4.4418	2.8559	-0.3311
320	336	Qs	-3.627E-09	-4.560E-09	-9.895E-11
320	337	Qs	-3.590E-09	-3.945E-09	-5.462E-11
320	363	Qs	-3.403E-09	-4.103E-09	-5.462E-11
320	362	Qs	-3.681E-09	-4.535E-09	-9.895E-11
320	336	T+	0.	0.	0.
320	337	T+	0.	0.	0.
320	363	T+	0.	0.	0.

Table 27: Element Forces - Area Shells, Part 2 of 3

Area	Joint	OutputCase	M11	M22	M12
			KN-mm/mm	KN-mm/mm	KN-mm/mm
320	362	T+	0.	0.	0.
320	336	T-	0.	0.	0.
320	337	T-	0.	0.	0.
320	363	T-	0.	0.	0.
320	362	T-	0.	0.	0.
320	336	W	0.4611	3.8078	-0.1059
320	337	W	0.4574	4.0464	-0.1198
320	363	W	-0.138	3.9651	-0.0982
320	362	W	-0.1351	3.7176	-0.0843
320	336	Qm-1	4.0166	-2.7532	-0.4065
320	337	Qm-1	3.9446	-2.9085	-0.4017
320	363	Qm-1	3.9538	-2.9177	-0.3839
320	362	Qm-1	4.0294	-2.7625	-0.3887
320	336	Qm-2	-0.3633	-0.2898	-0.0482
320	337	Qm-2	-0.3963	-0.2925	-0.0464
320	363	Qm-2	-0.3844	-0.2945	-0.0329
320	362	Qm-2	-0.3514	-0.2917	-0.0347
321	337	DEAD	0.	0.	0.
321	338	DEAD	0.	0.	0.
321	364	DEAD	0.	0.	0.
321	363	DEAD	0.	0.	0.
321	337	G1	3.681E-08	-1.325E-07	-9.733E-09
321	338	G1	4.329E-08	-1.166E-07	-9.733E-09
321	364	G1	4.284E-08	-1.216E-07	-1.115E-08
321	363	G1	3.974E-08	-1.280E-07	-1.115E-08
321	337	G2	-1.1631	-0.639	-0.0059
321	338	G2	-1.1812	-0.587	-0.0059
321	364	G2	-1.1812	-0.587	0.0059
321	363	G2	-1.1631	-0.639	0.0059
321	337	Qm	4.358	2.7478	-0.3245
321	338	Qm	4.2717	2.5152	-0.3126
321	364	Qm	4.28	2.4893	-0.2954
321	363	Qm	4.3692	2.7208	-0.3072
321	337	Qs	-3.511E-09	-4.148E-09	-1.966E-11
321	338	Qs	-3.228E-09	-3.680E-09	-1.966E-11
321	364	Qs	-3.209E-09	-3.769E-09	-1.083E-10
321	363	Qs	-3.502E-09	-4.054E-09	-1.083E-10
321	337	T+	0.	0.	0.
321	338	T+	0.	0.	0.
321	364	T+	0.	0.	0.
321	363	T+	0.	0.	0.
321	337	T-	0.	0.	0.
321	338	T-	0.	0.	0.
321	364	T-	0.	0.	0.
321	363	T-	0.	0.	0.
321	337	W	0.4574	4.0463	-0.1399
321	338	W	0.426	4.2469	-0.1577
321	364	W	-0.1691	4.1759	-0.1276
321	363	W	-0.138	3.965	-0.1097
321	337	Qm-1	3.9446	-2.9085	-0.3924
321	338	Qm-1	3.9556	-2.7601	-0.388
321	364	Qm-1	3.9617	-2.7693	-0.3796
321	363	Qm-1	3.9538	-2.9177	-0.384
321	337	Qm-2	-0.3963	-0.2925	-0.045

Table 27: Element Forces - Area Shells, Part 2 of 3

Area	Joint	OutputCase	M11	M22	M12
			KN-mm/mm	KN-mm/mm	KN-mm/mm
321	338	Qm-2	-0.4281	-0.2806	-0.0432
321	364	Qm-2	-0.4162	-0.2824	-0.0289
321	363	Qm-2	-0.3844	-0.2945	-0.0307
322	338	DEAD	0.	0.	0.
322	339	DEAD	0.	0.	0.
322	365	DEAD	0.	0.	0.
322	364	DEAD	0.	0.	0.
322	338	G1	4.295E-08	-1.201E-07	-9.719E-09
322	339	G1	4.208E-08	-1.012E-07	-9.009E-09
322	365	G1	4.778E-08	-1.044E-07	-8.300E-09
322	364	G1	4.328E-08	-1.207E-07	-9.009E-09
322	338	G2	-1.1812	-0.587	-0.0073
322	339	G2	-1.202	-0.5169	-0.0073
322	365	G2	-1.202	-0.5169	0.0073
322	364	G2	-1.1812	-0.587	0.0073
322	338	Qm	4.2717	2.5152	-0.3006
322	339	Qm	4.1696	2.1878	-0.2897
322	365	Qm	4.1749	2.1643	-0.2737
322	364	Qm	4.28	2.4893	-0.2846
322	338	Qs	-3.099E-09	-3.581E-09	-5.713E-11
322	339	Qs	-3.392E-09	-3.281E-09	9.368E-12
322	365	Qs	-2.946E-09	-3.418E-09	3.153E-11
322	364	Qs	-3.239E-09	-3.650E-09	-3.496E-11
322	338	T+	0.	0.	0.
322	339	T+	0.	0.	0.
322	365	T+	0.	0.	0.
322	364	T+	0.	0.	0.
322	338	T-	0.	0.	0.
322	339	T-	0.	0.	0.
322	365	T-	0.	0.	0.
322	364	T-	0.	0.	0.
322	338	W	0.4261	4.2476	-0.1807
322	339	W	0.3651	4.3697	-0.203
322	365	W	-0.2298	4.3097	-0.167
322	364	W	-0.169	4.1767	-0.1447
322	338	Qm-1	3.9556	-2.7602	-0.3792
322	339	Qm-1	4.0492	-2.304	-0.375
322	365	Qm-1	4.0528	-2.3131	-0.3754
322	364	Qm-1	3.9617	-2.7693	-0.3797
322	338	Qm-2	-0.4281	-0.2806	-0.0418
322	339	Qm-2	-0.4591	-0.2557	-0.0402
322	365	Qm-2	-0.4473	-0.2569	-0.0252
322	364	Qm-2	-0.4162	-0.2824	-0.0268
323	339	DEAD	0.	0.	0.
323	340	DEAD	0.	0.	0.
323	366	DEAD	0.	0.	0.
323	365	DEAD	0.	0.	0.
323	339	G1	4.252E-08	-1.048E-07	-7.911E-09
323	340	G1	5.077E-08	-7.952E-08	-7.911E-09
323	366	G1	4.735E-08	-8.168E-08	-8.265E-09
323	365	G1	4.815E-08	-1.022E-07	-8.265E-09
323	339	G2	-1.202	-0.5169	-0.0089
323	340	G2	-1.2271	-0.4289	-0.0089
323	366	G2	-1.2271	-0.4289	0.0089

Table 27: Element Forces - Area Shells, Part 2 of 3

Area	Joint	OutputCase	M11	M22	M12
			KN-mm/mm	KN-mm/mm	KN-mm/mm
323	365	G2	-1.202	-0.5169	0.0089
323	339	Qm	4.1696	2.1878	-0.2787
323	340	Qm	4.053	1.768	-0.2693
323	366	Qm	4.0553	1.7479	-0.255
323	365	Qm	4.1749	2.1643	-0.2644
323	339	Qs	-3.371E-09	-3.326E-09	5.930E-11
323	340	Qs	-3.173E-09	-2.989E-09	3.714E-11
323	366	Qs	-3.119E-09	-2.863E-09	8.147E-11
323	365	Qs	-2.981E-09	-3.363E-09	1.036E-10
323	339	T+	0.	0.	0.
323	340	T+	0.	0.	0.
323	366	T+	0.	0.	0.
323	365	T+	0.	0.	0.
323	339	T-	0.	0.	0.
323	340	T-	0.	0.	0.
323	366	T-	0.	0.	0.
323	365	T-	0.	0.	0.
323	339	W	0.3658	4.3729	-0.2199
323	340	W	0.3063	4.3177	-0.2469
323	366	W	-0.2887	4.2688	-0.2262
323	365	W	-0.2292	4.3129	-0.1993
323	339	Qm-1	4.0492	-2.3041	-0.3669
323	340	Qm-1	4.2244	-1.5346	-0.363
323	366	Qm-1	4.2259	-1.5433	-0.3715
323	365	Qm-1	4.0528	-2.3132	-0.3754
323	339	Qm-2	-0.4591	-0.2557	-0.039
323	340	Qm-2	-0.4891	-0.2199	-0.0377
323	366	Qm-2	-0.4774	-0.2203	-0.0222
323	365	Qm-2	-0.4473	-0.2569	-0.0235
324	340	DEAD	0.	0.	0.
324	341	DEAD	0.	0.	0.
324	367	DEAD	0.	0.	0.
324	366	DEAD	0.	0.	0.
324	340	G1	5.120E-08	-8.060E-08	-7.671E-09
324	341	G1	5.004E-08	-4.845E-08	-6.607E-09
324	367	G1	5.719E-08	-5.068E-08	-6.252E-09
324	366	G1	4.653E-08	-8.298E-08	-7.316E-09
324	340	G2	-1.2271	-0.4289	-0.0105
324	341	G2	-1.2572	-0.3265	-0.0105
324	367	G2	-1.2572	-0.3265	0.0105
324	366	G2	-1.2271	-0.4289	0.0105
324	340	Qm	4.053	1.768	-0.2597
324	341	Qm	3.9237	1.2577	-0.2522
324	367	Qm	3.9231	1.2419	-0.2401
324	366	Qm	4.0553	1.748	-0.2476
324	340	Qs	-3.063E-09	-2.989E-09	4.525E-11
324	341	Qs	-3.334E-09	-2.349E-09	1.117E-10
324	367	Qs	-2.808E-09	-2.446E-09	1.339E-10
324	366	Qs	-3.228E-09	-3.086E-09	6.742E-11
324	340	T+	0.	0.	0.
324	341	T+	0.	0.	0.
324	367	T+	0.	0.	0.
324	366	T+	0.	0.	0.
324	340	T-	0.	0.	0.

Table 27: Element Forces - Area Shells, Part 2 of 3

Area	Joint	OutputCase	M11	M22	M12
			KN-mm/mm	KN-mm/mm	KN-mm/mm
324	341	T-	0.	0.	0.
324	367	T-	0.	0.	0.
324	366	T-	0.	0.	0.
324	340	W	0.3073	4.3225	-0.2411
324	341	W	0.3452	3.9137	-0.2727
324	367	W	-0.2503	3.876	-0.322
324	366	W	-0.2877	4.2736	-0.2904
324	340	Qm-1	4.2244	-1.5347	-0.3558
324	341	Qm-1	4.4804	-0.4455	-0.3523
324	367	Qm-1	4.4799	-0.4532	-0.3678
324	366	Qm-1	4.2258	-1.5434	-0.3712
324	340	Qm-2	-0.4891	-0.2199	-0.0367
324	341	Qm-2	-0.5178	-0.1753	-0.0357
324	367	Qm-2	-0.5061	-0.1751	-0.0199
324	366	Qm-2	-0.4774	-0.2203	-0.021
325	341	DEAD	0.	0.	0.
325	342	DEAD	0.	0.	0.
325	368	DEAD	0.	0.	0.
325	367	DEAD	0.	0.	0.
325	341	G1	4.860E-08	-5.389E-08	-6.150E-09
325	342	G1	6.139E-08	-8.733E-09	-7.699E-09
325	368	G1	6.487E-08	-6.589E-09	-7.569E-09
325	367	G1	5.638E-08	-4.868E-08	-6.635E-09
325	341	G2	-1.2572	-0.3264	-0.0117
325	342	G2	-1.2913	-0.2171	-0.0117
325	368	G2	-1.2913	-0.2171	0.0117
325	367	G2	-1.2572	-0.3264	0.0117
325	341	Qm	3.9238	1.2578	-0.2442
325	342	Qm	3.7841	0.6585	-0.2388
325	368	Qm	3.7807	0.6477	-0.2298
325	367	Qm	3.9231	1.242	-0.2351
325	341	Qs	-3.377E-09	-2.679E-09	1.135E-10
325	342	Qs	-2.951E-09	-1.703E-09	3.885E-11
325	368	Qs	-2.940E-09	-1.687E-09	9.130E-11
325	367	Qs	-2.776E-09	-2.360E-09	1.275E-10
325	341	T+	0.	0.	0.
325	342	T+	0.	0.	0.
325	368	T+	0.	0.	0.
325	367	T+	0.	0.	0.
325	341	T-	0.	0.	0.
325	342	T-	0.	0.	0.
325	368	T-	0.	0.	0.
325	367	T-	0.	0.	0.
325	341	W	0.3471	3.9228	-0.2454
325	342	W	0.5836	3.0349	-0.2818
325	368	W	-0.0136	3.0088	-0.4536
325	367	W	-0.2485	3.8851	-0.4172
325	341	Qm-1	4.4804	-0.4455	-0.3461
325	342	Qm-1	4.8165	0.9698	-0.3434
325	368	Qm-1	4.8141	0.9639	-0.365
325	367	Qm-1	4.4799	-0.4533	-0.3677
325	341	Qm-2	-0.5178	-0.1753	-0.0348
325	342	Qm-2	-0.5453	-0.1237	-0.034
325	368	Qm-2	-0.5335	-0.1231	-0.0183

Table 27: Element Forces - Area Shells, Part 2 of 3

Area	Joint	OutputCase	M11	M22	M12
			KN-mm/mm	KN-mm/mm	KN-mm/mm
325	367	Qm-2	-0.5061	-0.1751	-0.0191
326	342	DEAD	0.	0.	0.
326	343	DEAD	0.	0.	0.
326	369	DEAD	0.	0.	0.
326	368	DEAD	0.	0.	0.
326	342	G1	6.328E-08	-6.488E-09	-6.225E-09
326	343	G1	6.375E-08	-2.409E-09	-6.000E-09
326	369	G1	6.794E-08	-4.493E-09	-7.289E-09
326	368	G1	6.379E-08	-8.571E-09	-8.128E-09
326	342	G2	-1.2913	-0.217	-0.0122
326	343	G2	-1.3281	-0.1079	-0.0122
326	369	G2	-1.3281	-0.1079	0.0122
326	368	G2	-1.2913	-0.217	0.0122
326	342	Qm	3.7841	0.6586	-0.2326
326	343	Qm	3.6765	0.1721	-0.2296
326	369	Qm	3.6705	0.1666	-0.2245
326	368	Qm	3.7807	0.6478	-0.2275
326	342	Qs	-2.983E-09	-1.777E-09	9.427E-11
326	343	Qs	-2.681E-09	-3.946E-10	1.164E-10
326	369	Qs	-2.653E-09	-7.935E-10	7.210E-11
326	368	Qs	-2.916E-09	-1.639E-09	4.993E-11
326	342	T+	0.	0.	0.
326	343	T+	0.	0.	0.
326	369	T+	0.	0.	0.
326	368	T+	0.	0.	0.
326	342	T-	0.	0.	0.
326	343	T-	0.	0.	0.
326	369	T-	0.	0.	0.
326	368	T-	0.	0.	0.
326	342	W	0.5729	2.9811	-0.249
326	343	W	1.0856	1.7474	-0.2906
326	369	W	0.4857	1.7339	-0.606
326	368	W	-0.0244	2.955	-0.5643
326	342	Qm-1	4.8165	0.9698	-0.3383
326	343	Qm-1	4.7528	0.3169	-0.3366
326	369	Qm-1	4.7486	0.3136	-0.364
326	368	Qm-1	4.8141	0.9638	-0.3656
326	342	Qm-2	-0.5454	-0.1238	-0.0334
326	343	Qm-2	-0.5721	-0.0656	-0.0326
326	369	Qm-2	-0.5601	-0.0651	-0.0167
326	368	Qm-2	-0.5335	-0.1232	-0.0174
327	343	DEAD	0.	0.	0.
327	344	DEAD	0.	0.	0.
327	370	DEAD	0.	0.	0.
327	369	DEAD	0.	0.	0.
327	343	G1	6.557E-08	-4.983E-09	-6.143E-09
327	344	G1	5.838E-08	1.448E-09	-6.143E-09
327	370	G1	7.638E-08	-9.042E-10	-6.143E-09
327	369	G1	6.822E-08	6.504E-10	-6.143E-09
327	343	G2	-1.3281	-0.1081	-0.0129
327	344	G2	-1.3685	-1.868E-04	-0.0129
327	370	G2	-1.3685	-1.868E-04	0.0129
327	369	G2	-1.3281	-0.1081	0.0129
327	343	Qm	3.6765	0.1722	-0.2254

Table 27: Element Forces - Area Shells, Part 2 of 3

Area	Joint	OutputCase	M11	M22	M12
			KN-mm/mm	KN-mm/mm	KN-mm/mm
327	344	Qm	3.6436	4.761E-04	-0.2248
327	370	Qm	3.6348	4.010E-04	-0.2246
327	369	Qm	3.6706	0.1667	-0.2252
327	343	Qs	-2.721E-09	-8.634E-10	1.058E-10
327	344	Qs	-3.028E-09	1.353E-10	1.280E-10
327	370	Qs	-2.062E-09	-9.317E-11	1.501E-10
327	369	Qs	-2.657E-09	-5.352E-10	1.280E-10
327	343	T+	0.	0.	0.
327	344	T+	0.	0.	0.
327	370	T+	0.	0.	0.
327	369	T+	0.	0.	0.
327	343	T-	0.	0.	0.
327	344	T-	0.	0.	0.
327	370	T-	0.	0.	0.
327	369	T-	0.	0.	0.
327	343	W	1.05	1.569	-0.2898
327	344	W	1.7258	0.0567	-0.3371
327	370	W	1.1198	0.0565	-0.7429
327	369	W	0.45	1.5554	-0.6956
327	343	Qm-1	4.7528	0.3169	-0.3327
327	344	Qm-1	4.7703	5.097E-04	-0.3325
327	370	Qm-1	4.7642	4.616E-04	-0.3656
327	369	Qm-1	4.7486	0.3136	-0.3658
327	343	Qm-2	-0.5721	-0.0657	-0.0322
327	344	Qm-2	-0.5993	-1.030E-04	-0.0312
327	370	Qm-2	-0.5869	-9.180E-05	-0.0145
327	369	Qm-2	-0.5601	-0.0652	-0.0155
328	345	DEAD	0.	0.	0.
328	346	DEAD	0.	0.	0.
328	372	DEAD	0.	0.	0.
328	371	DEAD	0.	0.	0.
328	345	G1	1.161E-07	-1.022E-09	-1.303E-08
328	346	G1	1.078E-07	-5.415E-09	-1.409E-08
328	372	G1	1.068E-07	-5.633E-09	-1.338E-08
328	371	G1	1.039E-07	1.678E-09	-1.232E-08
328	345	G2	-1.0242	-1.091E-04	-0.0154
328	346	G2	-1.0098	-0.0459	-0.0141
328	372	G2	-0.9942	-0.0459	-0.0239
328	371	G2	-1.0086	-1.090E-04	-0.0252
328	345	Qm	4.4557	6.663E-04	-0.2963
328	346	Qm	4.4855	0.1238	-0.3011
328	372	Qm	4.4337	0.1264	-0.3027
328	371	Qm	4.4057	7.218E-04	-0.2979
328	345	Qs	-1.945E-09	-5.472E-11	-3.839E-10
328	346	Qs	-2.468E-09	-6.887E-10	-4.283E-10
328	372	Qs	-2.505E-09	-6.587E-10	-3.839E-10
328	371	Qs	-2.529E-09	4.009E-12	-3.396E-10
328	345	T+	0.	0.	0.
328	346	T+	0.	0.	0.
328	372	T+	0.	0.	0.
328	371	T+	0.	0.	0.
328	345	T-	0.	0.	0.
328	346	T-	0.	0.	0.
328	372	T-	0.	0.	0.

Table 27: Element Forces - Area Shells, Part 2 of 3

Area	Joint	OutputCase	M11	M22	M12
			KN-mm/mm	KN-mm/mm	KN-mm/mm
328	371	T-	0.	0.	0.
328	345	W	-0.6595	2.957E-05	0.5533
328	346	W	-0.6571	0.0255	0.5059
328	372	W	-1.2542	0.0137	0.5054
328	371	W	-1.2619	-2.021E-04	0.5529
328	345	Qm-1	5.6466	8.027E-04	-0.3116
328	346	Qm-1	5.6673	0.1871	-0.3175
328	372	Qm-1	5.5981	0.1881	-0.3104
328	371	Qm-1	5.5784	8.304E-04	-0.3044
328	345	Qm-2	0.3095	3.341E-04	-0.0282
328	346	Qm-2	0.3162	0.0344	-0.0295
328	372	Qm-2	0.3043	0.0368	-0.0287
328	371	Qm-2	0.3008	2.855E-04	-0.0274
329	346	DEAD	0.	0.	0.
329	347	DEAD	0.	0.	0.
329	373	DEAD	0.	0.	0.
329	372	DEAD	0.	0.	0.
329	346	G1	1.084E-07	-4.017E-09	-1.422E-08
329	347	G1	1.050E-07	-3.028E-09	-1.387E-08
329	373	G1	1.048E-07	-4.327E-09	-1.280E-08
329	372	G1	1.057E-07	-6.929E-09	-1.316E-08
329	346	G2	-1.0098	-0.0459	-0.0134
329	347	G2	-0.9998	-0.0978	-0.0121
329	373	G2	-0.9841	-0.0979	-0.0206
329	372	G2	-0.9942	-0.0459	-0.0219
329	346	Qm	4.4854	0.1235	-0.3029
329	347	Qm	4.5792	0.4853	-0.3086
329	373	Qm	4.5259	0.4887	-0.3171
329	372	Qm	4.4336	0.1261	-0.3115
329	346	Qs	-2.497E-09	-6.045E-10	-4.428E-10
329	347	Qs	-2.750E-09	-1.413E-09	-4.287E-10
329	373	Qs	-2.916E-09	-1.699E-09	-3.763E-10
329	372	Qs	-2.467E-09	-5.981E-10	-4.287E-10
329	346	T+	0.	0.	0.
329	347	T+	0.	0.	0.
329	373	T+	0.	0.	0.
329	372	T+	0.	0.	0.
329	346	T-	0.	0.	0.
329	347	T-	0.	0.	0.
329	373	T-	0.	0.	0.
329	372	T-	0.	0.	0.
329	346	W	-0.6571	0.0255	0.4605
329	347	W	-0.647	0.0936	0.4179
329	373	W	-1.2418	0.0712	0.4185
329	372	W	-1.2542	0.0137	0.461
329	346	Qm-1	5.6673	0.1868	-0.3197
329	347	Qm-1	5.7643	0.6605	-0.3258
329	373	Qm-1	5.6942	0.6611	-0.3266
329	372	Qm-1	5.5981	0.1878	-0.3205
329	346	Qm-2	0.3163	0.0348	-0.0292
329	347	Qm-2	0.3478	0.1218	-0.0316
329	373	Qm-2	0.3251	0.1244	-0.0352
329	372	Qm-2	0.3043	0.0367	-0.0328
330	347	DEAD	0.	0.	0.

Table 27: Element Forces - Area Shells, Part 2 of 3

Area	Joint	OutputCase	M11	M22	M12
			KN-mm/mm	KN-mm/mm	KN-mm/mm
330	348	DEAD	0.	0.	0.
330	374	DEAD	0.	0.	0.
330	373	DEAD	0.	0.	0.
330	347	G1	1.057E-07	-2.108E-09	-1.321E-08
330	348	G1	1.081E-07	4.511E-09	-1.343E-08
330	374	G1	1.056E-07	7.867E-09	-1.321E-08
330	373	G1	1.052E-07	-3.513E-09	-1.237E-08
330	347	G2	-0.9998	-0.0978	-0.0114
330	348	G2	-0.994	-0.1545	-0.0101
330	374	G2	-0.9782	-0.1546	-0.0173
330	373	G2	-0.9841	-0.0979	-0.0186
330	347	Qm	4.5791	0.485	-0.3126
330	348	Qm	4.732	1.1023	-0.3183
330	374	Qm	4.6773	1.1046	-0.3303
330	373	Qm	4.5258	0.4883	-0.3246
330	347	Qs	-2.751E-09	-1.366E-09	-3.216E-10
330	348	Qs	-2.993E-09	-2.342E-09	-3.519E-10
330	374	Qs	-2.884E-09	-2.164E-09	-3.438E-10
330	373	Qs	-2.801E-09	-1.519E-09	-3.519E-10
330	347	T+	0.	0.	0.
330	348	T+	0.	0.	0.
330	374	T+	0.	0.	0.
330	373	T+	0.	0.	0.
330	347	T-	0.	0.	0.
330	348	T-	0.	0.	0.
330	374	T-	0.	0.	0.
330	373	T-	0.	0.	0.
330	347	W	-0.647	0.0936	0.3772
330	348	W	-0.6308	0.2002	0.3391
330	374	W	-1.2241	0.1679	0.3405
330	373	W	-1.2418	0.0712	0.3786
330	347	Qm-1	5.7642	0.6602	-0.3299
330	348	Qm-1	5.9314	1.4394	-0.3356
330	374	Qm-1	5.8604	1.4381	-0.3402
330	373	Qm-1	5.6942	0.6607	-0.3345
330	347	Qm-2	0.347	0.1176	-0.0323
330	348	Qm-2	0.3885	0.308	-0.0241
330	374	Qm-2	0.3778	0.2524	-0.0305
330	373	Qm-2	0.3257	0.1276	-0.0386
331	348	DEAD	0.	0.	0.
331	349	DEAD	0.	0.	0.
331	375	DEAD	0.	0.	0.
331	374	DEAD	0.	0.	0.
331	348	G1	1.087E-07	8.735E-09	-1.371E-08
331	349	G1	1.102E-07	2.956E-08	-1.349E-08
331	375	G1	1.085E-07	2.487E-08	-1.229E-08
331	374	G1	1.044E-07	7.966E-09	-1.313E-08
331	348	G2	-0.994	-0.1545	-0.0094
331	349	G2	-0.9919	-0.2143	-0.0081
331	375	G2	-0.9762	-0.2144	-0.0139
331	374	G2	-0.9782	-0.1546	-0.0153
331	348	Qm	4.7319	1.102	-0.3241
331	349	Qm	4.9376	1.9936	-0.3291
331	375	Qm	4.8817	1.9935	-0.3404

Table 27: Element Forces - Area Shells, Part 2 of 3

Area	Joint	OutputCase	M11	M22	M12
			KN-mm/mm	KN-mm/mm	KN-mm/mm
331	374	Qm	4.6773	1.1042	-0.3353
331	348	Qs	-2.890E-09	-2.074E-09	-3.852E-10
331	349	Qs	-3.124E-09	-2.686E-09	-4.014E-10
331	375	Qs	-3.093E-09	-2.885E-09	-3.187E-10
331	374	Qs	-2.864E-09	-2.182E-09	-3.792E-10
331	348	T+	0.	0.	0.
331	349	T+	0.	0.	0.
331	375	T+	0.	0.	0.
331	374	T+	0.	0.	0.
331	348	T-	0.	0.	0.
331	349	T-	0.	0.	0.
331	375	T-	0.	0.	0.
331	374	T-	0.	0.	0.
331	348	W	-0.6308	0.2002	0.3028
331	349	W	-0.6086	0.3415	0.269
331	375	W	-1.2012	0.299	0.271
331	374	W	-1.2241	0.1679	0.3048
331	348	Qm-1	5.9313	1.439	-0.3411
331	349	Qm-1	6.1622	2.5417	-0.3459
331	375	Qm-1	6.0904	2.5377	-0.3502
331	374	Qm-1	5.8604	1.4377	-0.3454
331	348	Qm-2	0.3897	0.3138	-0.0095
331	349	Qm-2	0.3119	0.4879	-0.0101
331	375	Qm-2	0.5609	0.6065	-0.01
331	374	Qm-2	0.3764	0.2452	-0.0094
332	349	DEAD	0.	0.	0.
332	350	DEAD	0.	0.	0.
332	376	DEAD	0.	0.	0.
332	375	DEAD	0.	0.	0.
332	349	G1	1.085E-07	2.505E-08	-1.318E-08
332	350	G1	1.057E-07	1.304E-08	-1.415E-08
332	376	G1	1.060E-07	8.379E-09	-1.282E-08
332	375	G1	1.079E-07	2.944E-08	-1.308E-08
332	349	G2	-0.9919	-0.2143	-0.0074
332	350	G2	-0.9934	-0.2758	-0.0061
332	376	G2	-0.9777	-0.2758	-0.0106
332	375	G2	-0.9762	-0.2144	-0.0119
332	349	Qm	4.9375	1.9933	-0.3362
332	350	Qm	5.1138	2.7974	-0.3403
332	376	Qm	5.0567	2.7948	-0.3466
332	375	Qm	4.8817	1.9932	-0.3425
332	349	Qs	-3.188E-09	-2.836E-09	-3.374E-10
332	350	Qs	-3.147E-09	-3.336E-09	-3.980E-10
332	376	Qs	-3.305E-09	-3.484E-09	-3.153E-10
332	375	Qs	-3.044E-09	-2.624E-09	-3.315E-10
332	349	T+	0.	0.	0.
332	350	T+	0.	0.	0.
332	376	T+	0.	0.	0.
332	375	T+	0.	0.	0.
332	349	T-	0.	0.	0.
332	350	T-	0.	0.	0.
332	376	T-	0.	0.	0.
332	375	T-	0.	0.	0.
332	349	W	-0.6086	0.3415	0.2371

Table 27: Element Forces - Area Shells, Part 2 of 3

Area	Joint	OutputCase	M11	M22	M12
			KN-mm/mm	KN-mm/mm	KN-mm/mm
332	350	W	-0.5812	0.5134	0.2077
332	376	W	-1.1731	0.46	0.21
332	375	W	-1.2012	0.2991	0.2394
332	349	Qm-1	6.1621	2.5414	-0.3523
332	350	Qm-1	6.0909	2.1844	-0.3559
332	376	Qm-1	6.0185	2.1771	-0.356
332	375	Qm-1	6.0904	2.5374	-0.3524
332	349	Qm-2	0.3119	0.488	-0.0345
332	350	Qm-2	0.3896	0.4265	-0.0356
332	376	Qm-2	0.3722	0.3592	-0.0253
332	375	Qm-2	0.5609	0.6065	-0.0243
333	350	DEAD	0.	0.	0.
333	351	DEAD	0.	0.	0.
333	377	DEAD	0.	0.	0.
333	376	DEAD	0.	0.	0.
333	350	G1	1.065E-07	8.400E-09	-1.356E-08
333	351	G1	1.051E-07	-6.015E-10	-1.334E-08
333	377	G1	9.936E-08	-4.944E-09	-1.285E-08
333	376	G1	1.035E-07	8.664E-09	-1.369E-08
333	350	G2	-0.9934	-0.2758	-0.0055
333	351	G2	-0.9979	-0.3375	-0.0042
333	377	G2	-0.9823	-0.3374	-0.0074
333	376	G2	-0.9777	-0.2758	-0.0087
333	350	Qm	5.1138	2.7972	-0.3482
333	351	Qm	5.18	3.1489	-0.3515
333	377	Qm	5.1214	3.1445	-0.3496
333	376	Qm	5.0567	2.7946	-0.3462
333	350	Qs	-3.253E-09	-3.576E-09	-3.374E-10
333	351	Qs	-3.253E-09	-3.835E-09	-2.931E-10
333	377	Qs	-3.563E-09	-4.130E-09	-3.153E-10
333	376	Qs	-3.300E-09	-3.472E-09	-3.596E-10
333	350	T+	0.	0.	0.
333	351	T+	0.	0.	0.
333	377	T+	0.	0.	0.
333	376	T+	0.	0.	0.
333	350	T-	0.	0.	0.
333	351	T-	0.	0.	0.
333	377	T-	0.	0.	0.
333	376	T-	0.	0.	0.
333	350	W	-0.5812	0.5134	0.1805
333	351	W	-0.5491	0.7125	0.1559
333	377	W	-1.1404	0.6474	0.1585
333	376	W	-1.1731	0.46	0.1831
333	350	Qm-1	6.0908	2.1842	-0.3624
333	351	Qm-1	6.0729	2.1813	-0.3647
333	377	Qm-1	6.0003	2.1703	-0.3576
333	376	Qm-1	6.0184	2.1768	-0.3553
333	350	Qm-2	0.3885	0.421	-0.0212
333	351	Qm-2	0.3538	0.3497	-0.0144
333	377	Qm-2	0.318	0.3616	0.0013
333	376	Qm-2	0.3736	0.3662	-0.0056
334	351	DEAD	0.	0.	0.
334	352	DEAD	0.	0.	0.
334	378	DEAD	0.	0.	0.

Table 27: Element Forces - Area Shells, Part 2 of 3

Area	Joint	OutputCase	M11	M22	M12
			KN-mm/mm	KN-mm/mm	KN-mm/mm
334	377	DEAD	0.	0.	0.
334	351	G1	1.052E-07	-6.499E-10	-1.264E-08
334	352	G1	1.055E-07	2.863E-09	-1.193E-08
334	378	G1	1.004E-07	-1.179E-10	-1.193E-08
334	377	G1	9.978E-08	-1.481E-09	-1.264E-08
334	351	G2	-0.9979	-0.3375	-0.0036
334	352	G2	-1.0053	-0.3983	-0.0024
334	378	G2	-0.9897	-0.3979	-0.0044
334	377	G2	-0.9823	-0.3374	-0.0056
334	351	Qm	5.18	3.1489	-0.3595
334	352	Qm	5.1344	3.0576	-0.3625
334	378	Qm	5.0739	3.0523	-0.3507
334	377	Qm	5.1214	3.1445	-0.3478
334	351	Qs	-3.273E-09	-4.160E-09	-2.815E-10
334	352	Qs	-3.119E-09	-4.080E-09	-2.594E-10
334	378	Qs	-3.650E-09	-4.581E-09	-2.815E-10
334	377	Qs	-3.363E-09	-3.836E-09	-3.037E-10
334	351	T+	0.	0.	0.
334	352	T+	0.	0.	0.
334	378	T+	0.	0.	0.
334	377	T+	0.	0.	0.
334	351	T-	0.	0.	0.
334	352	T-	0.	0.	0.
334	378	T-	0.	0.	0.
334	377	T-	0.	0.	0.
334	351	W	-0.5491	0.7125	0.1335
334	352	W	-0.5133	0.9354	0.1138
334	378	W	-1.104	0.8586	0.1169
334	377	W	-1.1404	0.6473	0.1365
334	351	Qm-1	6.0729	2.1812	-0.3707
334	352	Qm-1	6.1055	2.5419	-0.3715
334	378	Qm-1	6.0332	2.5274	-0.3552
334	377	Qm-1	6.0003	2.1702	-0.3545
334	351	Qm-2	0.3538	0.3497	-0.0164
334	352	Qm-2	0.3206	0.44	-0.0099
334	378	Qm-2	0.3088	0.3869	0.0038
334	377	Qm-2	0.318	0.3616	-0.0028
335	352	DEAD	0.	0.	0.
335	353	DEAD	0.	0.	0.
335	379	DEAD	0.	0.	0.
335	378	DEAD	0.	0.	0.
335	352	G1	1.040E-07	1.563E-09	-1.412E-08
335	353	G1	1.032E-07	1.541E-08	-1.312E-08
335	379	G1	9.842E-08	1.300E-08	-1.270E-08
335	378	G1	1.016E-07	5.525E-09	-1.063E-08
335	352	G2	-1.0053	-0.3983	-0.0018
335	353	G2	-1.0149	-0.4567	-7.589E-04
335	379	G2	-0.9993	-0.4561	-0.0016
335	378	G2	-0.9897	-0.3979	-0.0027
335	352	Qm	5.1344	3.0577	-0.37
335	353	Qm	4.9783	2.5258	-0.3729
335	379	Qm	4.9158	2.5202	-0.3518
335	378	Qm	5.0739	3.0524	-0.3489
335	352	Qs	-3.058E-09	-4.256E-09	-3.135E-10

Table 27: Element Forces - Area Shells, Part 2 of 3

Area	Joint	OutputCase	M11	M22	M12
			KN-mm/mm	KN-mm/mm	KN-mm/mm
335	353	Qs	-3.640E-09	-4.818E-09	-3.114E-10
335	379	Qs	-3.459E-09	-4.603E-09	-3.135E-10
335	378	Qs	-3.640E-09	-4.286E-09	-2.005E-10
335	352	T+	0.	0.	0.
335	353	T+	0.	0.	0.
335	379	T+	0.	0.	0.
335	378	T+	0.	0.	0.
335	352	T-	0.	0.	0.
335	353	T-	0.	0.	0.
335	379	T-	0.	0.	0.
335	378	T-	0.	0.	0.
335	352	W	-0.5133	0.9354	0.0962
335	353	W	-0.4745	1.1792	0.0811
335	379	W	-1.0654	1.0921	0.0849
335	378	W	-1.104	0.8586	0.1
335	352	Qm-1	6.1055	2.5419	-0.3765
335	353	Qm-1	6.1875	3.2712	-0.3758
335	379	Qm-1	6.1161	3.2535	-0.3495
335	378	Qm-1	6.0332	2.5274	-0.3502
335	352	Qm-2	0.3217	0.4455	0.0041
335	353	Qm-2	0.1755	0.5214	0.0023
335	379	Qm-2	0.4308	0.6437	0.0212
335	378	Qm-2	0.3074	0.38	0.023
336	353	DEAD	0.	0.	0.
336	354	DEAD	0.	0.	0.
336	380	DEAD	0.	0.	0.
336	379	DEAD	0.	0.	0.
336	353	G1	1.037E-07	1.627E-08	-1.340E-08
336	354	G1	9.369E-08	-1.184E-08	-1.244E-08
336	380	G1	9.139E-08	-1.215E-08	-1.199E-08
336	379	G1	9.968E-08	1.489E-08	-1.173E-08
336	353	G2	-1.0149	-0.4567	-2.325E-04
336	354	G2	-1.0263	-0.5117	7.753E-04
336	380	G2	-1.0107	-0.5109	9.572E-04
336	379	G2	-0.9993	-0.4561	-5.057E-05
336	353	Qm	4.9784	2.526	-0.3794
336	354	Qm	4.7919	1.93	-0.3823
336	380	Qm	4.7279	1.924	-0.3539
336	379	Qm	4.9159	2.5204	-0.3511
336	353	Qs	-3.478E-09	-4.559E-09	-2.961E-10
336	354	Qs	-3.771E-09	-5.173E-09	-2.436E-10
336	380	Qs	-3.384E-09	-4.953E-09	-3.182E-10
336	379	Qs	-3.466E-09	-4.713E-09	-3.323E-10
336	353	T+	0.	0.	0.
336	354	T+	0.	0.	0.
336	380	T+	0.	0.	0.
336	379	T+	0.	0.	0.
336	353	T-	0.	0.	0.
336	354	T-	0.	0.	0.
336	380	T-	0.	0.	0.
336	379	T-	0.	0.	0.
336	353	W	-0.4745	1.1792	0.0676
336	354	W	-0.4337	1.4407	0.0562
336	380	W	-1.0258	1.3458	0.061

Table 27: Element Forces - Area Shells, Part 2 of 3

Area	Joint	OutputCase	M11	M22	M12
			KN-mm/mm	KN-mm/mm	KN-mm/mm
336	379	W	-1.0654	1.0921	0.0723
336	353	Qm-1	6.1876	3.2713	-0.3792
336	354	Qm-1	5.96	2.569	-0.3773
336	380	Qm-1	5.8896	2.549	-0.3413
336	379	Qm-1	6.1161	3.2536	-0.3433
336	353	Qm-2	0.1755	0.5213	-0.0231
336	354	Qm-2	0.1839	0.3522	-0.0251
336	380	Qm-2	0.1796	0.2895	0.0037
336	379	Qm-2	0.4308	0.6437	0.0057
337	354	DEAD	0.	0.	0.
337	355	DEAD	0.	0.	0.
337	381	DEAD	0.	0.	0.
337	380	DEAD	0.	0.	0.
337	354	G1	9.628E-08	-1.039E-08	-1.274E-08
337	355	G1	8.416E-08	-2.817E-08	-1.203E-08
337	381	G1	8.905E-08	-2.737E-08	-1.061E-08
337	380	G1	8.996E-08	-1.403E-08	-1.132E-08
337	354	G2	-1.0263	-0.5117	0.0013
337	355	G2	-1.0392	-0.5621	0.0022
337	381	G2	-1.0235	-0.5612	0.0034
337	380	G2	-1.0107	-0.5109	0.0024
337	354	Qm	4.792	1.9303	-0.3871
337	355	Qm	4.6569	1.6431	-0.3896
337	381	Qm	4.5921	1.6355	-0.3572
337	380	Qm	4.7279	1.9243	-0.3546
337	354	Qs	-3.644E-09	-5.080E-09	-2.781E-10
337	355	Qs	-3.627E-09	-5.074E-09	-2.559E-10
337	381	Qs	-3.545E-09	-5.180E-09	-2.338E-10
337	380	Qs	-3.389E-09	-5.013E-09	-2.559E-10
337	354	T+	0.	0.	0.
337	355	T+	0.	0.	0.
337	381	T+	0.	0.	0.
337	380	T+	0.	0.	0.
337	354	T-	0.	0.	0.
337	355	T-	0.	0.	0.
337	381	T-	0.	0.	0.
337	380	T-	0.	0.	0.
337	354	W	-0.4337	1.4407	0.0459
337	355	W	-0.3915	1.7163	0.0369
337	381	W	-0.9856	1.6167	0.0425
337	380	W	-1.0258	1.3459	0.0515
337	354	Qm-1	5.96	2.5692	-0.379
337	355	Qm-1	5.7855	2.2306	-0.3762
337	381	Qm-1	5.7163	2.2095	-0.332
337	380	Qm-1	5.8897	2.5491	-0.3347
337	354	Qm-2	0.1827	0.3464	-0.0119
337	355	Qm-2	0.0705	0.1467	-0.0057
337	381	Qm-2	0.0607	0.1646	0.0289
337	380	Qm-2	0.181	0.2967	0.0228
338	355	DEAD	0.	0.	0.
338	356	DEAD	0.	0.	0.
338	382	DEAD	0.	0.	0.
338	381	DEAD	0.	0.	0.
338	355	G1	8.574E-08	-2.598E-08	-1.233E-08

Table 27: Element Forces - Area Shells, Part 2 of 3

Area	Joint	OutputCase	M11	M22	M12
			KN-mm/mm	KN-mm/mm	KN-mm/mm
338	356	G1	8.075E-08	-3.441E-08	-1.233E-08
338	382	G1	8.065E-08	-3.338E-08	-1.020E-08
338	381	G1	8.656E-08	-2.771E-08	-1.020E-08
338	355	G2	-1.0392	-0.5621	0.0027
338	356	G2	-1.0531	-0.6065	0.0036
338	382	G2	-1.0372	-0.6056	0.0057
338	381	G2	-1.0235	-0.5612	0.0048
338	355	Qm	4.6569	1.6434	-0.3923
338	356	Qm	4.5787	1.6569	-0.3938
338	382	Qm	4.514	1.646	-0.3603
338	381	Qm	4.5921	1.6357	-0.3588
338	355	Qs	-3.644E-09	-5.080E-09	-2.286E-10
338	356	Qs	-3.674E-09	-5.372E-09	-2.368E-10
338	382	Qs	-3.672E-09	-5.351E-09	-2.065E-10
338	381	Qs	-3.588E-09	-5.142E-09	-2.368E-10
338	355	T+	0.	0.	0.
338	356	T+	0.	0.	0.
338	382	T+	0.	0.	0.
338	381	T+	0.	0.	0.
338	355	T-	0.	0.	0.
338	356	T-	0.	0.	0.
338	382	T-	0.	0.	0.
338	381	T-	0.	0.	0.
338	355	W	-0.3915	1.7163	0.0285
338	356	W	-0.3483	2.0022	0.0209
338	382	W	-0.9447	1.9003	0.0271
338	381	W	-0.9856	1.6167	0.0347
338	355	Qm-1	5.7855	2.2309	-0.3761
338	356	Qm-1	5.6682	2.2477	-0.3731
338	382	Qm-1	5.5999	2.2267	-0.3229
338	381	Qm-1	5.7163	2.2097	-0.326
338	355	Qm-2	0.0713	0.1509	-0.0082
338	356	Qm-2	-0.0329	0.0347	-0.0132
338	382	Qm-2	-0.0303	0.0462	0.0177
338	381	Qm-2	0.0601	0.1615	0.0227
339	356	DEAD	0.	0.	0.
339	357	DEAD	0.	0.	0.
339	383	DEAD	0.	0.	0.
339	382	DEAD	0.	0.	0.
339	356	G1	8.154E-08	-3.031E-08	-1.136E-08
339	357	G1	7.436E-08	-3.563E-08	-1.136E-08
339	383	G1	7.684E-08	-3.040E-08	-9.938E-09
339	382	G1	8.110E-08	-3.598E-08	-9.938E-09
339	356	G2	-1.0531	-0.6065	0.0041
339	357	G2	-1.0678	-0.6437	0.005
339	383	G2	-1.0517	-0.6427	0.008
339	382	G2	-1.0372	-0.6056	0.0071
339	356	Qm	4.5788	1.657	-0.394
339	357	Qm	4.5618	1.9644	-0.3939
339	383	Qm	4.4979	1.9488	-0.3615
339	382	Qm	4.514	1.6461	-0.3617
339	356	Qs	-3.657E-09	-5.259E-09	-2.048E-10
339	357	Qs	-3.949E-09	-5.590E-09	-2.269E-10
339	383	Qs	-3.643E-09	-5.323E-09	-2.048E-10

Table 27: Element Forces - Area Shells, Part 2 of 3

Area	Joint	OutputCase	M11	M22	M12
			KN-mm/mm	KN-mm/mm	KN-mm/mm
339	382	Qs	-3.686E-09	-5.404E-09	-1.826E-10
339	356	T+	0.	0.	0.
339	357	T+	0.	0.	0.
339	383	T+	0.	0.	0.
339	382	T+	0.	0.	0.
339	356	T-	0.	0.	0.
339	357	T-	0.	0.	0.
339	383	T-	0.	0.	0.
339	382	T-	0.	0.	0.
339	356	W	-0.3483	2.0022	0.0135
339	357	W	-0.3046	2.2944	0.0065
339	383	W	-0.9022	2.1914	0.0128
339	382	W	-0.9447	1.9003	0.0199
339	356	Qm-1	5.6682	2.2479	-0.3716
339	357	Qm-1	5.613	2.6094	-0.3688
339	383	Qm-1	5.5452	2.5901	-0.3157
339	382	Qm-1	5.6	2.227	-0.3185
339	356	Qm-2	-0.033	0.0344	-0.0149
339	357	Qm-2	-0.1145	-0.0565	-0.0193
339	383	Qm-2	-0.1053	-0.045	0.0057
339	382	Qm-2	-0.0303	0.0464	0.0101
340	357	DEAD	0.	0.	0.
340	358	DEAD	0.	0.	0.
340	384	DEAD	0.	0.	0.
340	383	DEAD	0.	0.	0.
340	357	G1	7.389E-08	-3.425E-08	-1.268E-08
340	358	G1	6.222E-08	-7.202E-08	-1.233E-08
340	384	G1	6.250E-08	-7.312E-08	-9.843E-09
340	383	G1	7.832E-08	-3.305E-08	-1.020E-08
340	357	G2	-1.0678	-0.6437	0.0055
340	358	G2	-1.0831	-0.6724	0.0064
340	384	G2	-1.0667	-0.6714	0.0103
340	383	G2	-1.0517	-0.6427	0.0094
340	357	Qm	4.5618	1.9645	-0.3913
340	358	Qm	4.5687	2.3616	-0.3889
340	384	Qm	4.506	2.3403	-0.3592
340	383	Qm	4.4979	1.9488	-0.3616
340	357	Qs	-3.823E-09	-5.619E-09	-2.747E-10
340	358	Qs	-4.090E-09	-5.616E-09	-2.304E-10
340	384	Qs	-3.740E-09	-5.669E-09	-1.860E-10
340	383	Qs	-3.780E-09	-5.594E-09	-2.304E-10
340	357	T+	0.	0.	0.
340	358	T+	0.	0.	0.
340	384	T+	0.	0.	0.
340	383	T+	0.	0.	0.
340	357	T-	0.	0.	0.
340	358	T-	0.	0.	0.
340	384	T-	0.	0.	0.
340	383	T-	0.	0.	0.
340	357	W	-0.3046	2.2944	-4.106E-04
340	358	W	-0.2612	2.5888	-0.0072
340	384	W	-0.8582	2.4852	-8.518E-04
340	383	W	-0.9022	2.1914	0.0059
340	357	Qm-1	5.613	2.6097	-0.3665

Table 27: Element Forces - Area Shells, Part 2 of 3

Area	Joint	OutputCase	M11	M22	M12
			KN-mm/mm	KN-mm/mm	KN-mm/mm
340	358	Qm-1	5.145	0.9047	-0.3647
340	384	Qm-1	5.0771	0.8883	-0.3116
340	383	Qm-1	5.5453	2.5904	-0.3134
340	357	Qm-2	-0.1145	-0.0567	-0.0208
340	358	Qm-2	-0.1799	-0.1311	-0.0243
340	384	Qm-2	-0.1661	-0.1214	-0.0043
340	383	Qm-2	-0.1053	-0.0451	-8.006E-04
341	358	DEAD	0.	0.	0.
341	359	DEAD	0.	0.	0.
341	385	DEAD	0.	0.	0.
341	384	DEAD	0.	0.	0.
341	358	G1	6.208E-08	-7.049E-08	-1.220E-08
341	359	G1	5.140E-08	-1.036E-07	-1.304E-08
341	385	G1	5.445E-08	-1.012E-07	-1.114E-08
341	384	G1	6.368E-08	-6.985E-08	-1.091E-08
341	358	G2	-1.0831	-0.6724	0.0069
341	359	G2	-1.0986	-0.6911	0.0079
341	385	G2	-1.082	-0.6902	0.0127
341	384	G2	-1.0667	-0.6714	0.0118
341	358	Qm	4.5687	2.3616	-0.3837
341	359	Qm	4.5604	2.6474	-0.3788
341	385	Qm	4.4991	2.6201	-0.352
341	384	Qm	4.506	2.3403	-0.357
341	358	Qs	-4.060E-09	-5.681E-09	-2.321E-10
341	359	Qs	-4.078E-09	-5.574E-09	-2.623E-10
341	385	Qs	-3.708E-09	-5.517E-09	-2.542E-10
341	384	Qs	-3.839E-09	-5.446E-09	-2.623E-10
341	358	T+	0.	0.	0.
341	359	T+	0.	0.	0.
341	385	T+	0.	0.	0.
341	384	T+	0.	0.	0.
341	358	T-	0.	0.	0.
341	359	T-	0.	0.	0.
341	385	T-	0.	0.	0.
341	384	T-	0.	0.	0.
341	358	W	-0.2612	2.5888	-0.0138
341	359	W	-0.2196	2.8819	-0.0201
341	385	W	-0.8135	2.7778	-0.0137
341	384	W	-0.8582	2.4852	-0.0074
341	358	Qm-1	5.145	0.9049	-0.3621
341	359	Qm-1	4.7489	-0.477	-0.3617
341	385	Qm-1	4.6804	-0.4897	-0.3115
341	384	Qm-1	5.0772	0.8885	-0.3119
341	358	Qm-2	-0.1799	-0.1312	-0.0253
341	359	Qm-2	-0.2332	-0.1921	-0.0275
341	385	Qm-2	-0.2158	-0.1851	-0.0112
341	384	Qm-2	-0.1661	-0.1215	-0.0091
342	359	DEAD	0.	0.	0.
342	360	DEAD	0.	0.	0.
342	386	DEAD	0.	0.	0.
342	385	DEAD	0.	0.	0.
342	359	G1	5.328E-08	-9.774E-08	-1.241E-08
342	360	G1	4.528E-08	-1.196E-07	-1.192E-08
342	386	G1	4.738E-08	-1.176E-07	-1.134E-08

Table 27: Element Forces - Area Shells, Part 2 of 3

Area	Joint	OutputCase	M11	M22	M12
			KN-mm/mm	KN-mm/mm	KN-mm/mm
342	385	G1	5.339E-08	-1.003E-07	-1.121E-08
342	359	G2	-1.0987	-0.6911	0.0084
342	360	G2	-1.1144	-0.6986	0.0094
342	386	G2	-1.0973	-0.6977	0.0153
342	385	G2	-1.082	-0.6902	0.0142
342	359	Qm	4.5604	2.6473	-0.3712
342	360	Qm	4.5369	2.8229	-0.3638
342	386	Qm	4.4766	2.7904	-0.3398
342	385	Qm	4.4991	2.6201	-0.3472
342	359	Qs	-3.998E-09	-5.355E-09	-2.210E-10
342	360	Qs	-4.257E-09	-5.461E-09	-2.594E-10
342	386	Qs	-3.286E-09	-5.186E-09	-2.653E-10
342	385	Qs	-3.689E-09	-5.281E-09	-3.037E-10
342	359	T+	0.	0.	0.
342	360	T+	0.	0.	0.
342	386	T+	0.	0.	0.
342	385	T+	0.	0.	0.
342	359	T-	0.	0.	0.
342	360	T-	0.	0.	0.
342	386	T-	0.	0.	0.
342	385	T-	0.	0.	0.
342	359	W	-0.2196	2.8818	-0.0266
342	360	W	-0.1821	3.1702	-0.0325
342	386	W	-0.7703	3.0663	-0.0253
342	385	W	-0.8135	2.7777	-0.0194
342	359	Qm-1	4.749	-0.4769	-0.3594
342	360	Qm-1	4.4289	-1.5448	-0.3608
342	386	Qm-1	4.3592	-1.5535	-0.316
342	385	Qm-1	4.6804	-0.4895	-0.3147
342	359	Qm-2	-0.2332	-0.1922	-0.0277
342	360	Qm-2	-0.2778	-0.2398	-0.0284
342	386	Qm-2	-0.2574	-0.2359	-0.0146
342	385	Qm-2	-0.2158	-0.1852	-0.0139
343	360	DEAD	0.	0.	0.
343	361	DEAD	0.	0.	0.
343	387	DEAD	0.	0.	0.
343	386	DEAD	0.	0.	0.
343	360	G1	4.608E-08	-1.220E-07	-1.169E-08
343	361	G1	3.993E-08	-1.319E-07	-1.257E-08
343	387	G1	4.294E-08	-1.356E-07	-1.063E-08
343	386	G1	4.702E-08	-1.177E-07	-1.221E-08
343	360	G2	-1.1144	-0.6986	0.01
343	361	G2	-1.1303	-0.6933	0.0111
343	387	G2	-1.1124	-0.6927	0.018
343	386	G2	-1.0973	-0.6977	0.0169
343	360	Qm	4.5369	2.8229	-0.3542
343	361	Qm	4.4976	2.8912	-0.3449
343	387	Qm	4.4379	2.8547	-0.3231
343	386	Qm	4.4766	2.7904	-0.3325
343	360	Qs	-4.363E-09	-5.632E-09	-2.734E-10
343	361	Qs	-3.758E-09	-4.899E-09	-3.059E-10
343	387	Qs	-3.512E-09	-5.103E-09	-2.513E-10
343	386	Qs	-3.196E-09	-5.145E-09	-3.724E-10
343	360	T+	0.	0.	0.

Table 27: Element Forces - Area Shells, Part 2 of 3

Area	Joint	OutputCase	M11	M22	M12
			KN-mm/mm	KN-mm/mm	KN-mm/mm
343	361	T+	0.	0.	0.
343	387	T+	0.	0.	0.
343	386	T+	0.	0.	0.
343	360	T-	0.	0.	0.
343	361	T-	0.	0.	0.
343	387	T-	0.	0.	0.
343	386	T-	0.	0.	0.
343	360	W	-0.1821	3.1701	-0.0392
343	361	W	-0.1521	3.4503	-0.0449
343	387	W	-0.7317	3.3479	-0.0358
343	386	W	-0.7703	3.0662	-0.0301
343	360	Qm-1	4.429	-1.5447	-0.3592
343	361	Qm-1	4.1883	-2.3053	-0.3621
343	387	Qm-1	4.1173	-2.3106	-0.3248
343	386	Qm-1	4.3592	-1.5534	-0.3219
343	360	Qm-2	-0.2778	-0.2399	-0.0278
343	361	Qm-2	-0.3164	-0.2733	-0.027
343	387	Qm-2	-0.2936	-0.2722	-0.0143
343	386	Qm-2	-0.2574	-0.236	-0.0151
344	361	DEAD	0.	0.	0.
344	362	DEAD	0.	0.	0.
344	388	DEAD	0.	0.	0.
344	387	DEAD	0.	0.	0.
344	361	G1	4.218E-08	-1.330E-07	-1.072E-08
344	362	G1	3.575E-08	-1.338E-07	-1.072E-08
344	388	G1	4.546E-08	-1.315E-07	-1.037E-08
344	387	G1	4.160E-08	-1.343E-07	-1.037E-08
344	361	G2	-1.1303	-0.6933	0.0118
344	362	G2	-1.1463	-0.674	0.0131
344	388	G2	-1.1275	-0.6737	0.0212
344	387	G2	-1.1124	-0.6927	0.0198
344	361	Qm	4.4976	2.8911	-0.3339
344	362	Qm	4.4418	2.8559	-0.3233
344	388	Qm	4.382	2.8172	-0.303
344	387	Qm	4.4378	2.8547	-0.3137
344	361	Qs	-3.720E-09	-4.885E-09	-1.711E-10
344	362	Qs	-3.794E-09	-4.608E-09	-1.651E-10
344	388	Qs	-3.191E-09	-4.367E-09	-1.489E-10
344	387	Qs	-3.534E-09	-5.234E-09	-2.316E-10
344	361	T+	0.	0.	0.
344	362	T+	0.	0.	0.
344	388	T+	0.	0.	0.
344	387	T+	0.	0.	0.
344	361	T-	0.	0.	0.
344	362	T-	0.	0.	0.
344	388	T-	0.	0.	0.
344	387	T-	0.	0.	0.
344	361	W	-0.1522	3.4502	-0.0523
344	362	W	-0.135	3.7178	-0.0581
344	388	W	-0.7014	3.6189	-0.0455
344	387	W	-0.7317	3.3478	-0.0397
344	361	Qm-1	4.1883	-2.3052	-0.3613
344	362	Qm-1	4.0295	-2.7625	-0.3655
344	388	Qm-1	3.9574	-2.7656	-0.3371

Table 27: Element Forces - Area Shells, Part 2 of 3

Area	Joint	OutputCase	M11	M22	M12
			KN-mm/mm	KN-mm/mm	KN-mm/mm
344	387	Qm-1	4.1173	-2.3105	-0.3329
344	361	Qm-2	-0.3164	-0.2734	-0.0256
344	362	Qm-2	-0.3514	-0.2917	-0.0237
344	388	Qm-2	-0.3267	-0.2924	-0.0111
344	387	Qm-2	-0.2936	-0.2723	-0.013
345	362	DEAD	0.	0.	0.
345	363	DEAD	0.	0.	0.
345	389	DEAD	0.	0.	0.
345	388	DEAD	0.	0.	0.
345	362	G1	3.478E-08	-1.361E-07	-1.108E-08
345	363	G1	4.191E-08	-1.298E-07	-1.157E-08
345	389	G1	3.855E-08	-1.311E-07	-1.144E-08
345	388	G1	4.647E-08	-1.304E-07	-1.157E-08
345	362	G2	-1.1463	-0.674	0.0139
345	363	G2	-1.163	-0.639	0.0156
345	389	G2	-1.1424	-0.6394	0.0251
345	388	G2	-1.1275	-0.6738	0.0234
345	362	Qm	4.4418	2.8558	-0.3116
345	363	Qm	4.3692	2.7208	-0.3005
345	389	Qm	4.3088	2.6818	-0.2813
345	388	Qm	4.382	2.8171	-0.2925
345	362	Qs	-3.857E-09	-4.597E-09	-1.587E-10
345	363	Qs	-3.364E-09	-4.034E-09	-1.890E-10
345	389	Qs	-3.114E-09	-4.076E-09	-2.252E-10
345	388	Qs	-3.137E-09	-4.361E-09	-2.333E-10
345	362	T+	0.	0.	0.
345	363	T+	0.	0.	0.
345	389	T+	0.	0.	0.
345	388	T+	0.	0.	0.
345	362	T-	0.	0.	0.
345	363	T-	0.	0.	0.
345	389	T-	0.	0.	0.
345	388	T-	0.	0.	0.
345	362	W	-0.135	3.7176	-0.0668
345	363	W	-0.1378	3.9651	-0.0734
345	389	W	-0.684	3.873	-0.0555
345	388	W	-0.7014	3.6188	-0.0489
345	362	Qm-1	4.0295	-2.7625	-0.3654
345	363	Qm-1	3.9538	-2.9177	-0.3702
345	389	Qm-1	3.881	-2.9202	-0.3515
345	388	Qm-1	3.9574	-2.7656	-0.3466
345	362	Qm-2	-0.3514	-0.2917	-0.0216
345	363	Qm-2	-0.3844	-0.2945	-0.0191
345	389	Qm-2	-0.3582	-0.2959	-0.0059
345	388	Qm-2	-0.3267	-0.2924	-0.0085
346	363	DEAD	0.	0.	0.
346	364	DEAD	0.	0.	0.
346	390	DEAD	0.	0.	0.
346	389	DEAD	0.	0.	0.
346	363	G1	4.258E-08	-1.257E-07	-1.121E-08
346	364	G1	4.124E-08	-1.232E-07	-1.050E-08
346	390	G1	4.422E-08	-1.228E-07	-1.050E-08
346	389	G1	4.110E-08	-1.292E-07	-1.121E-08
346	363	G2	-1.163	-0.639	0.0166

Table 27: Element Forces - Area Shells, Part 2 of 3

Area	Joint	OutputCase	M11	M22	M12
			KN-mm/mm	KN-mm/mm	KN-mm/mm
346	364	G2	-1.1811	-0.587	0.0188
346	390	G2	-1.1578	-0.5883	0.0301
346	389	G2	-1.1424	-0.6395	0.0279
346	363	Qm	4.3692	2.7207	-0.2889
346	364	Qm	4.28	2.4893	-0.2781
346	390	Qm	4.2183	2.452	-0.2599
346	389	Qm	4.3088	2.6818	-0.2707
346	363	Qs	-3.397E-09	-3.949E-09	-1.792E-10
346	364	Qs	-3.287E-09	-3.896E-09	-1.348E-10
346	390	Qs	-3.023E-09	-3.808E-09	-1.792E-10
346	389	Qs	-3.085E-09	-4.082E-09	-2.235E-10
346	363	T+	0.	0.	0.
346	364	T+	0.	0.	0.
346	390	T+	0.	0.	0.
346	389	T+	0.	0.	0.
346	363	T-	0.	0.	0.
346	364	T-	0.	0.	0.
346	390	T-	0.	0.	0.
346	389	T-	0.	0.	0.
346	363	W	-0.1379	3.965	-0.0844
346	364	W	-0.1692	4.1759	-0.0936
346	390	W	-0.6858	4.0999	-0.0685
346	389	W	-0.684	3.8728	-0.0593
346	363	Qm-1	3.9538	-2.9177	-0.3704
346	364	Qm-1	3.9618	-2.7693	-0.3753
346	390	Qm-1	3.8887	-2.7726	-0.3662
346	389	Qm-1	3.881	-2.9202	-0.3613
346	363	Qm-2	-0.3844	-0.2945	-0.0169
346	364	Qm-2	-0.4162	-0.2824	-0.0142
346	390	Qm-2	-0.389	-0.2831	-1.248E-04
346	389	Qm-2	-0.3582	-0.2959	-0.0028
347	364	DEAD	0.	0.	0.
347	365	DEAD	0.	0.	0.
347	391	DEAD	0.	0.	0.
347	390	DEAD	0.	0.	0.
347	364	G1	4.093E-08	-1.207E-07	-1.015E-08
347	365	G1	4.959E-08	-1.033E-07	-8.730E-09
347	391	G1	3.947E-08	-1.088E-07	-7.666E-09
347	390	G1	4.370E-08	-1.243E-07	-9.084E-09
347	364	G2	-1.1812	-0.587	0.0202
347	365	G2	-1.202	-0.5168	0.0231
347	391	G2	-1.1743	-0.5191	0.0367
347	390	G2	-1.1578	-0.5884	0.0338
347	364	Qm	4.28	2.4893	-0.2673
347	365	Qm	4.1748	2.1643	-0.2577
347	391	Qm	4.1114	2.1306	-0.2405
347	390	Qm	4.2183	2.452	-0.25
347	364	Qs	-3.277E-09	-3.681E-09	-5.713E-11
347	365	Qs	-3.033E-09	-3.388E-09	-2.902E-11
347	391	Qs	-3.192E-09	-3.518E-09	3.153E-11
347	390	Qs	-3.028E-09	-3.959E-09	-7.336E-11
347	364	T+	0.	0.	0.
347	365	T+	0.	0.	0.
347	391	T+	0.	0.	0.

Table 27: Element Forces - Area Shells, Part 2 of 3

Area	Joint	OutputCase	M11	M22	M12
			KN-mm/mm	KN-mm/mm	KN-mm/mm
347	390	T+	0.	0.	0.
347	364	T-	0.	0.	0.
347	365	T-	0.	0.	0.
347	391	T-	0.	0.	0.
347	390	T-	0.	0.	0.
347	364	W	-0.1691	4.1767	-0.1099
347	365	W	-0.2307	4.3096	-0.1299
347	391	W	-0.7205	4.2815	-0.0967
347	390	W	-0.6859	4.0993	-0.0767
347	364	Qm-1	3.9618	-2.7693	-0.3754
347	365	Qm-1	4.0528	-2.3131	-0.3797
347	391	Qm-1	3.9797	-2.3182	-0.3797
347	390	Qm-1	3.8887	-2.7727	-0.3754
347	364	Qm-2	-0.4162	-0.2824	-0.0121
347	365	Qm-2	-0.4473	-0.2569	-0.0098
347	391	Qm-2	-0.4193	-0.2561	0.0051
347	390	Qm-2	-0.389	-0.2831	0.0029
348	365	DEAD	0.	0.	0.
348	366	DEAD	0.	0.	0.
348	392	DEAD	0.	0.	0.
348	391	DEAD	0.	0.	0.
348	365	G1	4.985E-08	-1.029E-07	-6.627E-09
348	366	G1	4.550E-08	-8.086E-08	-5.918E-09
348	392	G1	5.317E-08	-8.100E-08	-6.273E-09
348	391	G1	3.925E-08	-1.079E-07	-6.982E-09
348	365	G2	-1.202	-0.5169	0.0248
348	366	G2	-1.2271	-0.4289	0.0282
348	392	G2	-1.1938	-0.4309	0.0448
348	391	G2	-1.1744	-0.5192	0.0414
348	365	Qm	4.1748	2.1643	-0.2483
348	366	Qm	4.0553	1.7479	-0.2408
348	392	Qm	3.9895	1.7195	-0.2249
348	391	Qm	4.1114	2.1306	-0.2325
348	365	Qs	-3.006E-09	-3.289E-09	9.769E-11
348	366	Qs	-3.036E-09	-2.855E-09	1.642E-10
348	392	Qs	-2.932E-09	-2.982E-09	1.199E-10
348	391	Qs	-3.252E-09	-3.670E-09	5.336E-11
348	365	T+	0.	0.	0.
348	366	T+	0.	0.	0.
348	392	T+	0.	0.	0.
348	391	T+	0.	0.	0.
348	365	T-	0.	0.	0.
348	366	T-	0.	0.	0.
348	392	T-	0.	0.	0.
348	391	T-	0.	0.	0.
348	365	W	-0.2301	4.3127	-0.1612
348	366	W	-0.2922	4.2681	-0.2178
348	392	W	-0.8043	4.3704	-0.1856
348	391	W	-0.7205	4.2817	-0.129
348	365	Qm-1	4.0528	-2.3132	-0.3797
348	366	Qm-1	4.2259	-1.5433	-0.3833
348	392	Qm-1	4.1527	-1.5502	-0.3913
348	391	Qm-1	3.9797	-2.3183	-0.3877
348	365	Qm-2	-0.4473	-0.2569	-0.0081

Table 27: Element Forces - Area Shells, Part 2 of 3

Area	Joint	OutputCase	M11	M22	M12
			KN-mm/mm	KN-mm/mm	KN-mm/mm
348	366	Qm-2	-0.4774	-0.2203	-0.0065
348	392	Qm-2	-0.4488	-0.2177	0.0091
348	391	Qm-2	-0.4193	-0.2561	0.0074
349	366	DEAD	0.	0.	0.
349	367	DEAD	0.	0.	0.
349	393	DEAD	0.	0.	0.
349	392	DEAD	0.	0.	0.
349	366	G1	4.573E-08	-8.392E-08	-7.167E-09
349	367	G1	5.528E-08	-5.045E-08	-7.521E-09
349	393	G1	5.473E-08	-4.956E-08	-7.167E-09
349	392	G1	5.470E-08	-7.780E-08	-6.812E-09
349	366	G2	-1.2271	-0.4289	0.0299
349	367	G2	-1.2572	-0.3266	0.033
349	393	G2	-1.2186	-0.3249	0.0531
349	392	G2	-1.1938	-0.4309	0.0501
349	366	Qm	4.0553	1.748	-0.2334
349	367	Qm	3.9231	1.2419	-0.2285
349	393	Qm	3.8547	1.2199	-0.2148
349	392	Qm	3.9895	1.7196	-0.2197
349	366	Qs	-3.004E-09	-2.980E-09	9.598E-11
349	367	Qs	-2.908E-09	-2.528E-09	8.193E-11
349	393	Qs	-3.095E-09	-2.639E-09	9.598E-11
349	392	Qs	-2.817E-09	-2.602E-09	1.484E-10
349	366	T+	0.	0.	0.
349	367	T+	0.	0.	0.
349	393	T+	0.	0.	0.
349	392	T+	0.	0.	0.
349	366	T-	0.	0.	0.
349	367	T-	0.	0.	0.
349	393	T-	0.	0.	0.
349	392	T-	0.	0.	0.
349	366	W	-0.2913	4.2729	-0.2838
349	367	W	-0.2469	3.8767	-0.4166
349	393	W	-0.8984	4.1725	-0.431
349	392	W	-0.802	4.382	-0.2982
349	366	Qm-1	4.2258	-1.5434	-0.383
349	367	Qm-1	4.4798	-0.4532	-0.3861
349	393	Qm-1	4.4062	-0.461	-0.401
349	392	Qm-1	4.1527	-1.5503	-0.398
349	366	Qm-2	-0.4774	-0.2203	-0.0052
349	367	Qm-2	-0.5061	-0.1751	-0.0042
349	393	Qm-2	-0.4769	-0.1711	0.0115
349	392	Qm-2	-0.4488	-0.2176	0.0104
350	367	DEAD	0.	0.	0.
350	368	DEAD	0.	0.	0.
350	394	DEAD	0.	0.	0.
350	393	DEAD	0.	0.	0.
350	367	G1	5.605E-08	-4.872E-08	-6.540E-09
350	368	G1	6.489E-08	-5.887E-09	-7.379E-09
350	394	G1	7.170E-08	-2.393E-09	-9.022E-09
350	393	G1	5.394E-08	-5.106E-08	-8.797E-09
350	367	G2	-1.2572	-0.3264	0.0341
350	368	G2	-1.2913	-0.2171	0.0357
350	394	G2	-1.2488	-0.2101	0.0584

Table 27: Element Forces - Area Shells, Part 2 of 3

Area	Joint	OutputCase	M11	M22	M12
			KN-mm/mm	KN-mm/mm	KN-mm/mm
350	393	G2	-1.2186	-0.3247	0.0569
350	367	Qm	3.9231	1.242	-0.2235
350	368	Qm	3.7807	0.6477	-0.2217
350	394	Qm	3.7093	0.6328	-0.2109
350	393	Qm	3.8547	1.22	-0.2128
350	367	Qs	-2.866E-09	-2.390E-09	1.736E-10
350	368	Qs	-2.909E-09	-1.697E-09	1.292E-10
350	394	Qs	-2.290E-09	-1.237E-09	1.840E-11
350	393	Qs	-3.039E-09	-2.548E-09	6.273E-11
350	367	T+	0.	0.	0.
350	368	T+	0.	0.	0.
350	394	T+	0.	0.	0.
350	393	T+	0.	0.	0.
350	367	T-	0.	0.	0.
350	368	T-	0.	0.	0.
350	394	T-	0.	0.	0.
350	393	T-	0.	0.	0.
350	367	W	-0.2451	3.8858	-0.5126
350	368	W	-0.0144	3.0087	-0.6939
350	394	W	-0.7253	3.3422	-0.8492
350	393	W	-0.9031	4.149	-0.6678
350	367	Qm-1	4.4798	-0.4533	-0.386
350	368	Qm-1	4.8141	0.9639	-0.3891
350	394	Qm-1	4.7392	0.9568	-0.41
350	393	Qm-1	4.4061	-0.4611	-0.4069
350	367	Qm-2	-0.5061	-0.1751	-0.0033
350	368	Qm-2	-0.5335	-0.1231	-0.0026
350	394	Qm-2	-0.5033	-0.1189	0.013
350	393	Qm-2	-0.4769	-0.1711	0.0122
351	368	DEAD	0.	0.	0.
351	369	DEAD	0.	0.	0.
351	395	DEAD	0.	0.	0.
351	394	DEAD	0.	0.	0.
351	368	G1	6.342E-08	-8.717E-09	-8.635E-09
351	369	G1	7.187E-08	-3.768E-09	-9.699E-09
351	395	G1	7.011E-08	-6.102E-09	-1.041E-08
351	394	G1	7.164E-08	-1.684E-09	-9.344E-09
351	368	G2	-1.2913	-0.217	0.0361
351	369	G2	-1.3279	-0.1079	0.0368
351	395	G2	-1.2814	-0.1003	0.0603
351	394	G2	-1.2487	-0.21	0.0597
351	368	Qm	3.7807	0.6478	-0.2195
351	369	Qm	3.6704	0.1666	-0.2209
351	395	Qm	3.5962	0.1592	-0.2141
351	394	Qm	3.7094	0.6329	-0.2127
351	368	Qs	-2.806E-09	-1.573E-09	-3.429E-12
351	369	Qs	-2.675E-09	-7.816E-10	1.280E-11
351	395	Qs	-1.933E-09	-7.336E-10	-4.776E-11
351	394	Qs	-2.365E-09	-1.424E-09	1.280E-11
351	368	T+	0.	0.	0.
351	369	T+	0.	0.	0.
351	395	T+	0.	0.	0.
351	394	T+	0.	0.	0.
351	368	T-	0.	0.	0.

Table 27: Element Forces - Area Shells, Part 2 of 3

Area	Joint	OutputCase	M11	M22	M12
			KN-mm/mm	KN-mm/mm	KN-mm/mm
351	369	T-	0.	0.	0.
351	395	T-	0.	0.	0.
351	394	T-	0.	0.	0.
351	368	W	-0.0252	2.9548	-0.8381
351	369	W	0.4913	1.735	-0.9615
351	395	W	-0.3845	1.3967	-1.272
351	394	W	-0.6778	3.5799	-1.1486
351	368	Qm-1	4.8141	0.9638	-0.3897
351	369	Qm-1	4.7485	0.3136	-0.3937
351	395	Qm-1	4.672	0.3093	-0.4201
351	394	Qm-1	4.7392	0.9568	-0.4162
351	368	Qm-2	-0.5335	-0.1232	-0.0018
351	369	Qm-2	-0.56	-0.0651	-6.496E-04
351	395	Qm-2	-0.5285	-0.0623	0.0149
351	394	Qm-2	-0.5033	-0.119	0.0138
352	369	DEAD	0.	0.	0.
352	370	DEAD	0.	0.	0.
352	396	DEAD	0.	0.	0.
352	395	DEAD	0.	0.	0.
352	369	G1	7.011E-08	7.324E-10	-8.285E-09
352	370	G1	7.356E-08	-1.029E-09	-6.867E-09
352	396	G1	6.900E-08	-5.532E-10	-6.867E-09
352	395	G1	6.970E-08	-7.545E-09	-8.285E-09
352	369	G2	-1.328	-0.1081	0.0373
352	370	G2	-1.3689	-2.735E-04	0.0398
352	396	G2	-1.3161	-1.507E-04	0.0643
352	395	G2	-1.2814	-0.1004	0.0617
352	369	Qm	3.6704	0.1667	-0.2215
352	370	Qm	3.6353	4.957E-04	-0.2263
352	396	Qm	3.5575	3.922E-04	-0.2245
352	395	Qm	3.5962	0.1593	-0.2197
352	369	Qs	-2.730E-09	-5.716E-10	5.805E-11
352	370	Qs	-2.232E-09	-8.816E-11	1.024E-10
352	396	Qs	-2.394E-09	-9.227E-11	1.467E-10
352	395	Qs	-1.903E-09	-7.005E-10	1.024E-10
352	369	T+	0.	0.	0.
352	370	T+	0.	0.	0.
352	396	T+	0.	0.	0.
352	395	T+	0.	0.	0.
352	369	T-	0.	0.	0.
352	370	T-	0.	0.	0.
352	396	T-	0.	0.	0.
352	395	T-	0.	0.	0.
352	369	W	0.4556	1.5566	-1.0484
352	370	W	1.1116	0.0548	-1.2028
352	396	W	0.3868	-0.2258	-1.6304
352	395	W	-0.2036	2.3016	-1.476
352	369	Qm-1	4.7485	0.3136	-0.3955
352	370	Qm-1	4.7645	5.239E-04	-0.4011
352	396	Qm-1	4.6855	4.481E-04	-0.4332
352	395	Qm-1	4.672	0.3093	-0.4276
352	369	Qm-2	-0.56	-0.0652	5.278E-04
352	370	Qm-2	-0.5871	-1.214E-04	0.0026
352	396	Qm-2	-0.5538	-6.652E-05	0.0188

Table 27: Element Forces - Area Shells, Part 2 of 3

Area	Joint	OutputCase	M11	M22	M12
			KN-mm/mm	KN-mm/mm	KN-mm/mm
352	395	Qm-2	-0.5285	-0.0624	0.0167
353	371	DEAD	0.	0.	0.
353	372	DEAD	0.	0.	0.
353	398	DEAD	0.	0.	0.
353	397	DEAD	0.	0.	0.
353	371	G1	1.111E-07	2.322E-09	-1.132E-08
353	372	G1	1.001E-07	-6.647E-09	-1.167E-08
353	398	G1	1.027E-07	-6.366E-09	-1.203E-08
353	397	G1	9.501E-08	1.067E-09	-1.167E-08
353	371	G2	-1.0086	-1.089E-04	-0.0357
353	372	G2	-0.9942	-0.0459	-0.033
353	398	G2	-0.9628	-0.0459	-0.0429
353	397	G2	-0.9772	-1.083E-04	-0.0455
353	371	Qm	4.4056	7.029E-04	-0.295
353	372	Qm	4.4337	0.1264	-0.3083
353	398	Qm	4.2677	0.1234	-0.3097
353	397	Qm	4.2394	7.032E-04	-0.2964
353	371	Qs	-2.242E-09	4.960E-11	-3.805E-10
353	372	Qs	-2.594E-09	-6.371E-10	-3.805E-10
353	398	Qs	-2.691E-09	-7.982E-10	-3.362E-10
353	397	Qs	-2.627E-09	6.117E-11	-3.362E-10
353	371	T+	0.	0.	0.
353	372	T+	0.	0.	0.
353	398	T+	0.	0.	0.
353	397	T+	0.	0.	0.
353	371	T-	0.	0.	0.
353	372	T-	0.	0.	0.
353	398	T-	0.	0.	0.
353	397	T-	0.	0.	0.
353	371	W	-1.261	-3.455E-05	0.5504
353	372	W	-1.2545	0.0136	0.5043
353	398	W	-1.8343	0.0019	0.5012
353	397	W	-1.8462	-2.768E-04	0.5472
353	371	Qm-1	5.5786	8.598E-04	-0.2922
353	372	Qm-1	5.5981	0.1881	-0.3081
353	398	Qm-1	5.3908	0.1809	-0.3015
353	397	Qm-1	5.3686	7.822E-04	-0.2856
353	371	Qm-2	0.3003	1.716E-04	-0.0243
353	372	Qm-2	0.3042	0.0368	-0.0284
353	398	Qm-2	0.2632	0.0417	-0.0251
353	397	Qm-2	0.2675	1.177E-04	-0.021
354	372	DEAD	0.	0.	0.
354	373	DEAD	0.	0.	0.
354	399	DEAD	0.	0.	0.
354	398	DEAD	0.	0.	0.
354	372	G1	9.933E-08	-6.408E-09	-1.255E-08
354	373	G1	1.052E-07	-3.475E-09	-1.325E-08
354	399	G1	9.849E-08	-6.364E-09	-1.325E-08
354	398	G1	1.014E-07	-4.229E-09	-1.255E-08
354	372	G2	-0.9942	-0.0459	-0.0311
354	373	G2	-0.9841	-0.0979	-0.0284
354	399	G2	-0.9528	-0.098	-0.037
354	398	G2	-0.9628	-0.0459	-0.0396
354	372	Qm	4.4337	0.1261	-0.3171

Table 27: Element Forces - Area Shells, Part 2 of 3

Area	Joint	OutputCase	M11	M22	M12
			KN-mm/mm	KN-mm/mm	KN-mm/mm
354	373	Qm	4.5259	0.4887	-0.3282
354	399	Qm	4.3601	0.4785	-0.3368
354	398	Qm	4.2676	0.1232	-0.3257
354	372	Qs	-2.607E-09	-5.895E-10	-3.106E-10
354	373	Qs	-2.793E-09	-1.556E-09	-3.549E-10
354	399	Qs	-2.676E-09	-1.335E-09	-3.549E-10
354	398	Qs	-2.663E-09	-7.717E-10	-3.106E-10
354	372	T+	0.	0.	0.
354	373	T+	0.	0.	0.
354	399	T+	0.	0.	0.
354	398	T+	0.	0.	0.
354	372	T-	0.	0.	0.
354	373	T-	0.	0.	0.
354	399	T-	0.	0.	0.
354	398	T-	0.	0.	0.
354	372	W	-1.2545	0.0136	0.4599
354	373	W	-1.2418	0.0712	0.4187
354	399	W	-1.8196	0.0493	0.4174
354	398	W	-1.8343	0.0019	0.4586
354	372	Qm-1	5.5981	0.1878	-0.3182
354	373	Qm-1	5.6942	0.6611	-0.3304
354	399	Qm-1	5.4888	0.6439	-0.3318
354	398	Qm-1	5.3907	0.1806	-0.3197
354	372	Qm-2	0.3042	0.0367	-0.0327
354	373	Qm-2	0.3247	0.1244	-0.0378
354	399	Qm-2	0.2693	0.1242	-0.0362
354	398	Qm-2	0.2633	0.0418	-0.0311
355	373	DEAD	0.	0.	0.
355	374	DEAD	0.	0.	0.
355	400	DEAD	0.	0.	0.
355	399	DEAD	0.	0.	0.
355	373	G1	1.047E-07	-5.899E-09	-1.333E-08
355	374	G1	1.063E-07	8.276E-09	-1.165E-08
355	400	G1	1.003E-07	8.331E-09	-1.227E-08
355	399	G1	9.725E-08	-7.994E-09	-1.272E-08
355	373	G2	-0.9841	-0.0979	-0.0265
355	374	G2	-0.9783	-0.1546	-0.0238
355	400	G2	-0.9468	-0.1547	-0.031
355	399	G2	-0.9528	-0.098	-0.0336
355	373	Qm	4.5259	0.4883	-0.3358
355	374	Qm	4.6774	1.1046	-0.343
355	400	Qm	4.5126	1.0833	-0.3554
355	399	Qm	4.3601	0.4782	-0.3482
355	373	Qs	-2.744E-09	-1.545E-09	-4.172E-10
355	374	Qs	-2.981E-09	-2.201E-09	-3.042E-10
355	400	Qs	-2.951E-09	-2.052E-09	-3.507E-10
355	399	Qs	-2.776E-09	-1.707E-09	-3.485E-10
355	373	T+	0.	0.	0.
355	374	T+	0.	0.	0.
355	400	T+	0.	0.	0.
355	399	T+	0.	0.	0.
355	373	T-	0.	0.	0.
355	374	T-	0.	0.	0.
355	400	T-	0.	0.	0.

Table 27: Element Forces - Area Shells, Part 2 of 3

Area	Joint	OutputCase	M11	M22	M12
			KN-mm/mm	KN-mm/mm	KN-mm/mm
355	399	T-	0.	0.	0.
355	373	W	-1.2418	0.0712	0.3789
355	374	W	-1.2241	0.1679	0.3417
355	400	W	-1.8011	0.1372	0.3418
355	399	W	-1.8196	0.0494	0.379
355	373	Qm-1	5.6942	0.6607	-0.3383
355	374	Qm-1	5.8604	1.4381	-0.3458
355	400	Qm-1	5.6571	1.4092	-0.3512
355	399	Qm-1	5.4888	0.6436	-0.3437
355	373	Qm-2	0.3254	0.1275	-0.0402
355	374	Qm-2	0.3799	0.2528	-0.0476
355	400	Qm-2	0.2793	0.2624	-0.0501
355	399	Qm-2	0.2689	0.1223	-0.0427
356	374	DEAD	0.	0.	0.
356	375	DEAD	0.	0.	0.
356	401	DEAD	0.	0.	0.
356	400	DEAD	0.	0.	0.
356	374	G1	1.051E-07	6.925E-09	-1.231E-08
356	375	G1	1.114E-07	2.597E-08	-1.315E-08
356	401	G1	1.016E-07	2.878E-08	-1.267E-08
356	400	G1	1.014E-07	6.509E-09	-1.244E-08
356	374	G2	-0.9783	-0.1546	-0.0218
356	375	G2	-0.9762	-0.2144	-0.0191
356	401	G2	-0.9448	-0.2145	-0.025
356	400	G2	-0.9468	-0.1547	-0.0276
356	374	Qm	4.6773	1.1042	-0.348
356	375	Qm	4.8817	1.9935	-0.3502
356	401	Qm	4.7186	1.9596	-0.3621
356	400	Qm	4.5125	1.0829	-0.36
356	374	Qs	-2.936E-09	-2.188E-09	-3.071E-10
356	375	Qs	-3.106E-09	-2.830E-09	-3.515E-10
356	401	Qs	-3.277E-09	-2.695E-09	-3.071E-10
356	400	Qs	-2.978E-09	-2.326E-09	-2.628E-10
356	374	T+	0.	0.	0.
356	375	T+	0.	0.	0.
356	401	T+	0.	0.	0.
356	400	T+	0.	0.	0.
356	374	T-	0.	0.	0.
356	375	T-	0.	0.	0.
356	401	T-	0.	0.	0.
356	400	T-	0.	0.	0.
356	374	W	-1.2241	0.1679	0.306
356	375	W	-1.2012	0.299	0.2726
356	401	W	-1.7783	0.2591	0.2736
356	400	W	-1.8011	0.1372	0.307
356	374	Qm-1	5.8604	1.4377	-0.3509
356	375	Qm-1	6.0904	2.5377	-0.3533
356	401	Qm-1	5.8888	2.4973	-0.3584
356	400	Qm-1	5.657	1.4089	-0.3559
356	374	Qm-2	0.3785	0.2457	-0.0528
356	375	Qm-2	0.558	0.6059	-0.0296
356	401	Qm-2	0.2262	0.3885	-0.0357
356	400	Qm-2	0.2799	0.2655	-0.0589
357	375	DEAD	0.	0.	0.

Table 27: Element Forces - Area Shells, Part 2 of 3

Area	Joint	OutputCase	M11	M22	M12
			KN-mm/mm	KN-mm/mm	KN-mm/mm
357	376	DEAD	0.	0.	0.
357	402	DEAD	0.	0.	0.
357	401	DEAD	0.	0.	0.
357	375	G1	1.122E-07	3.058E-08	-1.379E-08
357	376	G1	1.078E-07	1.006E-08	-1.233E-08
357	402	G1	9.403E-08	6.733E-09	-1.201E-08
357	401	G1	1.004E-07	2.434E-08	-1.162E-08
357	375	G2	-0.9762	-0.2144	-0.0171
357	376	G2	-0.9777	-0.2758	-0.0145
357	402	G2	-0.9463	-0.2758	-0.019
357	401	G2	-0.9448	-0.2145	-0.0216
357	375	Qm	4.8817	1.9932	-0.3522
357	376	Qm	5.0567	2.7948	-0.3494
357	402	Qm	4.8949	2.7503	-0.3563
357	401	Qm	4.7185	1.9592	-0.3591
357	375	Qs	-3.059E-09	-2.605E-09	-3.468E-10
357	376	Qs	-3.269E-09	-3.469E-09	-2.862E-10
357	402	Qs	-3.536E-09	-3.459E-09	-2.803E-10
357	401	Qs	-3.244E-09	-2.879E-09	-2.641E-10
357	375	T+	0.	0.	0.
357	376	T+	0.	0.	0.
357	402	T+	0.	0.	0.
357	401	T+	0.	0.	0.
357	375	T-	0.	0.	0.
357	376	T-	0.	0.	0.
357	402	T-	0.	0.	0.
357	401	T-	0.	0.	0.
357	375	W	-1.2012	0.2991	0.2411
357	376	W	-1.1731	0.4601	0.2119
357	402	W	-1.7503	0.4093	0.2131
357	401	W	-1.7783	0.2592	0.2424
357	375	Qm-1	6.0904	2.5374	-0.3555
357	376	Qm-1	6.0185	2.1771	-0.3533
357	402	Qm-1	5.8185	2.1267	-0.3541
357	401	Qm-1	5.8888	2.497	-0.3563
357	375	Qm-2	0.558	0.6059	0.007
357	376	Qm-2	0.3741	0.3596	0.0296
357	402	Qm-2	0.2638	0.3804	0.0494
357	401	Qm-2	0.2262	0.3884	0.0269
358	376	DEAD	0.	0.	0.
358	377	DEAD	0.	0.	0.
358	403	DEAD	0.	0.	0.
358	402	DEAD	0.	0.	0.
358	376	G1	1.061E-07	9.264E-09	-1.175E-08
358	377	G1	1.012E-07	-4.193E-09	-1.272E-08
358	403	G1	9.242E-08	-5.809E-09	-1.139E-08
358	402	G1	9.279E-08	7.111E-09	-1.165E-08
358	376	G2	-0.9777	-0.2758	-0.0125
358	377	G2	-0.9823	-0.3374	-0.01
358	403	G2	-0.951	-0.337	-0.0132
358	402	G2	-0.9463	-0.2758	-0.0157
358	376	Qm	5.0566	2.7946	-0.3489
358	377	Qm	5.1213	3.1445	-0.3427
358	403	Qm	4.9597	3.0945	-0.3407

Table 27: Element Forces - Area Shells, Part 2 of 3

Area	Joint	OutputCase	M11	M22	M12
			KN-mm/mm	KN-mm/mm	KN-mm/mm
358	402	Qm	4.8948	2.75	-0.347
358	376	Qs	-3.267E-09	-3.419E-09	-2.611E-10
358	377	Qs	-3.472E-09	-4.132E-09	-3.963E-10
358	403	Qs	-3.514E-09	-4.187E-09	-3.276E-10
358	402	Qs	-3.530E-09	-3.426E-09	-3.076E-10
358	376	T+	0.	0.	0.
358	377	T+	0.	0.	0.
358	403	T+	0.	0.	0.
358	402	T+	0.	0.	0.
358	376	T-	0.	0.	0.
358	377	T-	0.	0.	0.
358	403	T-	0.	0.	0.
358	402	T-	0.	0.	0.
358	376	W	-1.1731	0.46	0.1849
358	377	W	-1.1404	0.6474	0.1606
358	403	W	-1.7172	0.5841	0.1619
358	402	W	-1.7503	0.4093	0.1863
358	376	Qm-1	6.0184	2.1769	-0.3526
358	377	Qm-1	6.0003	2.1703	-0.3465
358	403	Qm-1	5.8026	2.1122	-0.3403
358	402	Qm-1	5.8185	2.1265	-0.3463
358	376	Qm-2	0.3755	0.3665	0.023
358	377	Qm-2	0.3175	0.3615	0.0145
358	403	Qm-2	0.2354	0.3523	0.0312
358	402	Qm-2	0.2632	0.3774	0.0396
359	377	DEAD	0.	0.	0.
359	378	DEAD	0.	0.	0.
359	404	DEAD	0.	0.	0.
359	403	DEAD	0.	0.	0.
359	377	G1	1.014E-07	-1.792E-10	-1.203E-08
359	378	G1	9.936E-08	-1.256E-09	-1.167E-08
359	404	G1	9.397E-08	-1.792E-10	-1.132E-08
359	403	G1	9.112E-08	-5.245E-09	-1.167E-08
359	377	G2	-0.9823	-0.3374	-0.0081
359	378	G2	-0.9897	-0.3979	-0.0058
359	404	G2	-0.9585	-0.3971	-0.0077
359	403	G2	-0.951	-0.337	-0.0101
359	377	Qm	5.1213	3.1445	-0.3407
359	378	Qm	5.0738	3.0523	-0.3336
359	404	Qm	4.911	3.003	-0.3212
359	403	Qm	4.9597	3.0944	-0.3283
359	377	Qs	-3.387E-09	-3.825E-09	-2.978E-10
359	378	Qs	-3.637E-09	-4.613E-09	-2.978E-10
359	404	Qs	-3.423E-09	-4.271E-09	-3.421E-10
359	403	Qs	-3.490E-09	-4.145E-09	-3.421E-10
359	377	T+	0.	0.	0.
359	378	T+	0.	0.	0.
359	404	T+	0.	0.	0.
359	403	T+	0.	0.	0.
359	377	T-	0.	0.	0.
359	378	T-	0.	0.	0.
359	404	T-	0.	0.	0.
359	403	T-	0.	0.	0.
359	377	W	-1.1404	0.6473	0.1386

Table 27: Element Forces - Area Shells, Part 2 of 3

Area	Joint	OutputCase	M11	M22	M12
			KN-mm/mm	KN-mm/mm	KN-mm/mm
359	378	W	-1.104	0.8586	0.1197
359	404	W	-1.6806	0.7823	0.1215
359	403	W	-1.7173	0.584	0.1405
359	377	Qm-1	6.0003	2.1702	-0.3434
359	378	Qm-1	6.0332	2.5274	-0.3344
359	404	Qm-1	5.8387	2.4642	-0.3193
359	403	Qm-1	5.8025	2.1121	-0.3282
359	377	Qm-2	0.3175	0.3615	0.0126
359	378	Qm-2	0.3108	0.3873	0.0039
359	404	Qm-2	0.205	0.4008	0.0147
359	403	Qm-2	0.2354	0.3523	0.0234
360	378	DEAD	0.	0.	0.
360	379	DEAD	0.	0.	0.
360	405	DEAD	0.	0.	0.
360	404	DEAD	0.	0.	0.
360	378	G1	9.983E-08	5.027E-09	-1.128E-08
360	379	G1	1.001E-07	1.408E-08	-1.022E-08
360	405	G1	1.000E-07	1.443E-08	-1.022E-08
360	404	G1	9.447E-08	-4.621E-10	-1.128E-08
360	378	G2	-0.9897	-0.3979	-0.0041
360	379	G2	-0.9993	-0.4561	-0.0019
360	405	G2	-0.9682	-0.4548	-0.0027
360	404	G2	-0.9585	-0.3971	-0.0049
360	378	Qm	5.0738	3.0524	-0.3317
360	379	Qm	4.9158	2.5202	-0.326
360	405	Qm	4.7511	2.4767	-0.3039
360	404	Qm	4.911	3.0032	-0.3095
360	378	Qs	-3.522E-09	-4.321E-09	-2.931E-10
360	379	Qs	-3.461E-09	-4.590E-09	-2.931E-10
360	405	Qs	-3.344E-09	-4.631E-09	-3.596E-10
360	404	Qs	-3.405E-09	-4.247E-09	-3.596E-10
360	378	T+	0.	0.	0.
360	379	T+	0.	0.	0.
360	405	T+	0.	0.	0.
360	404	T+	0.	0.	0.
360	378	T-	0.	0.	0.
360	379	T-	0.	0.	0.
360	405	T-	0.	0.	0.
360	404	T-	0.	0.	0.
360	378	W	-1.104	0.8586	0.1028
360	379	W	-1.0655	1.0921	0.0889
360	405	W	-1.6427	1.0044	0.0919
360	404	W	-1.6806	0.7822	0.1058
360	378	Qm-1	6.0332	2.5274	-0.3293
360	379	Qm-1	6.1161	3.2535	-0.3186
360	405	Qm-1	5.9258	3.1884	-0.2936
360	404	Qm-1	5.8387	2.4642	-0.3043
360	378	Qm-2	0.3094	0.3804	-0.0033
360	379	Qm-2	0.4278	0.6431	0.0183
360	405	Qm-2	0.1088	0.4312	0.0259
360	404	Qm-2	0.2056	0.4038	0.0043
361	379	DEAD	0.	0.	0.
361	380	DEAD	0.	0.	0.
361	406	DEAD	0.	0.	0.

Table 27: Element Forces - Area Shells, Part 2 of 3

Area	Joint	OutputCase	M11	M22	M12
			KN-mm/mm	KN-mm/mm	KN-mm/mm
361	405	DEAD	0.	0.	0.
361	379	G1	1.012E-07	1.569E-08	-1.130E-08
361	380	G1	9.371E-08	-1.302E-08	-1.059E-08
361	406	G1	9.149E-08	-1.561E-08	-9.174E-09
361	405	G1	9.917E-08	1.425E-08	-9.883E-09
361	379	G2	-0.9993	-0.4561	-3.543E-04
361	380	G2	-1.0107	-0.5109	0.0016
361	406	G2	-0.9796	-0.5093	0.0018
361	405	G2	-0.9682	-0.4548	-1.667E-04
361	379	Qm	4.9159	2.5205	-0.3252
361	380	Qm	4.728	1.924	-0.3225
361	406	Qm	4.5619	1.8883	-0.2933
361	405	Qm	4.7511	2.477	-0.296
361	379	Qs	-3.401E-09	-4.762E-09	-3.071E-10
361	380	Qs	-3.695E-09	-5.041E-09	-3.071E-10
361	406	Qs	-3.396E-09	-5.266E-09	-3.071E-10
361	405	Qs	-3.376E-09	-4.512E-09	-3.071E-10
361	379	T+	0.	0.	0.
361	380	T+	0.	0.	0.
361	406	T+	0.	0.	0.
361	405	T+	0.	0.	0.
361	379	T-	0.	0.	0.
361	380	T-	0.	0.	0.
361	406	T-	0.	0.	0.
361	405	T-	0.	0.	0.
361	379	W	-1.0655	1.0921	0.0763
361	380	W	-1.0259	1.3458	0.0663
361	406	W	-1.6053	1.2503	0.0711
361	405	W	-1.6427	1.0044	0.0811
361	379	Qm-1	6.1161	3.2536	-0.3123
361	380	Qm-1	5.8896	2.549	-0.3012
361	406	Qm-1	5.7041	2.4856	-0.2664
361	405	Qm-1	5.9258	3.1884	-0.2776
361	379	Qm-2	0.4278	0.6431	0.0538
361	380	Qm-2	0.1816	0.29	0.0752
361	406	Qm-2	0.1016	0.319	0.1086
361	405	Qm-2	0.1088	0.4313	0.0871
362	380	DEAD	0.	0.	0.
362	381	DEAD	0.	0.	0.
362	407	DEAD	0.	0.	0.
362	406	DEAD	0.	0.	0.
362	380	G1	9.311E-08	-1.327E-08	-1.048E-08
362	381	G1	8.950E-08	-2.664E-08	-9.774E-09
362	407	G1	7.945E-08	-3.367E-08	-8.355E-09
362	406	G1	9.136E-08	-1.201E-08	-9.064E-09
362	380	G2	-1.0107	-0.5109	0.0031
362	381	G2	-1.0235	-0.5612	0.005
362	407	G2	-0.9921	-0.5593	0.006
362	406	G2	-0.9796	-0.5093	0.0042
362	380	Qm	4.728	1.9243	-0.3232
362	381	Qm	4.5921	1.6355	-0.3235
362	407	Qm	4.4266	1.6063	-0.2908
362	406	Qm	4.562	1.8886	-0.2905
362	380	Qs	-3.707E-09	-5.189E-09	-2.943E-10

Table 27: Element Forces - Area Shells, Part 2 of 3

Area	Joint	OutputCase	M11	M22	M12
			KN-mm/mm	KN-mm/mm	KN-mm/mm
362	381	Qs	-3.326E-09	-5.052E-09	-2.722E-10
362	407	Qs	-3.646E-09	-5.350E-09	-2.943E-10
362	406	Qs	-3.315E-09	-4.930E-09	-3.165E-10
362	380	T+	0.	0.	0.
362	381	T+	0.	0.	0.
362	407	T+	0.	0.	0.
362	406	T+	0.	0.	0.
362	380	T-	0.	0.	0.
362	381	T-	0.	0.	0.
362	407	T-	0.	0.	0.
362	406	T-	0.	0.	0.
362	380	W	-1.0258	1.3458	0.0568
362	381	W	-0.9857	1.6167	0.049
362	407	W	-1.5687	1.5175	0.0554
362	406	W	-1.6052	1.2504	0.0633
362	380	Qm-1	5.8897	2.5491	-0.2945
362	381	Qm-1	5.7163	2.2094	-0.2845
362	407	Qm-1	5.5357	2.1514	-0.2413
362	406	Qm-1	5.7041	2.4857	-0.2514
362	380	Qm-2	0.1831	0.2971	0.068
362	381	Qm-2	0.0605	0.1646	0.0577
362	407	Qm-2	0.0282	0.1723	0.0869
362	406	Qm-2	0.101	0.316	0.0972
363	381	DEAD	0.	0.	0.
363	382	DEAD	0.	0.	0.
363	408	DEAD	0.	0.	0.
363	407	DEAD	0.	0.	0.
363	381	G1	8.905E-08	-2.601E-08	-8.510E-09
363	382	G1	8.322E-08	-3.348E-08	-7.801E-09
363	408	G1	7.637E-08	-3.514E-08	-6.028E-09
363	407	G1	8.105E-08	-3.158E-08	-6.737E-09
363	381	G2	-1.0235	-0.5612	0.0063
363	382	G2	-1.0372	-0.6056	0.0082
363	408	G2	-1.0056	-0.6036	0.0101
363	407	G2	-0.9921	-0.5593	0.0083
363	381	Qm	4.5922	1.6357	-0.3251
363	382	Qm	4.5141	1.646	-0.3272
363	408	Qm	4.3513	1.6198	-0.2943
363	407	Qm	4.4267	1.6065	-0.2921
363	381	Qs	-3.367E-09	-5.134E-09	-2.077E-10
363	382	Qs	-3.450E-09	-5.296E-09	-1.553E-10
363	408	Qs	-3.586E-09	-5.364E-09	-1.634E-10
363	407	Qs	-3.661E-09	-5.417E-09	-1.774E-10
363	381	T+	0.	0.	0.
363	382	T+	0.	0.	0.
363	408	T+	0.	0.	0.
363	407	T+	0.	0.	0.
363	381	T-	0.	0.	0.
363	382	T-	0.	0.	0.
363	408	T-	0.	0.	0.
363	407	T-	0.	0.	0.
363	381	W	-0.9857	1.6167	0.0412
363	382	W	-0.9446	1.9003	0.0339
363	408	W	-1.5315	1.8004	0.0412

Table 27: Element Forces - Area Shells, Part 2 of 3

Area	Joint	OutputCase	M11	M22	M12
			KN-mm/mm	KN-mm/mm	KN-mm/mm
363	407	W	-1.5687	1.5176	0.0485
363	381	Qm-1	5.7163	2.2097	-0.2785
363	382	Qm-1	5.5999	2.2267	-0.2708
363	408	Qm-1	5.4242	2.1767	-0.2216
363	407	Qm-1	5.5357	2.1516	-0.2292
363	381	Qm-2	0.0598	0.1614	0.0525
363	382	Qm-2	-0.0305	0.0462	0.0436
363	408	Qm-2	-0.0404	0.0679	0.0676
363	407	Qm-2	0.0286	0.1742	0.0765
364	382	DEAD	0.	0.	0.
364	383	DEAD	0.	0.	0.
364	409	DEAD	0.	0.	0.
364	408	DEAD	0.	0.	0.
364	382	G1	8.181E-08	-3.628E-08	-8.101E-09
364	383	G1	7.837E-08	-2.978E-08	-7.486E-09
364	409	G1	7.179E-08	-3.424E-08	-5.618E-09
364	408	G1	7.699E-08	-3.559E-08	-5.004E-09
364	382	G2	-1.0372	-0.6056	0.0095
364	383	G2	-1.0517	-0.6427	0.0114
364	409	G2	-1.0196	-0.6407	0.0142
364	408	G2	-1.0056	-0.6036	0.0124
364	382	Qm	4.5141	1.6462	-0.3287
364	383	Qm	4.4979	1.9488	-0.3309
364	409	Qm	4.3398	1.9214	-0.2999
364	408	Qm	4.3513	1.6199	-0.2977
364	382	Qs	-3.521E-09	-5.369E-09	-1.740E-10
364	383	Qs	-3.702E-09	-5.318E-09	-1.216E-10
364	409	Qs	-3.482E-09	-5.308E-09	-1.075E-10
364	408	Qs	-3.608E-09	-5.512E-09	-1.216E-10
364	382	T+	0.	0.	0.
364	383	T+	0.	0.	0.
364	409	T+	0.	0.	0.
364	408	T+	0.	0.	0.
364	382	T-	0.	0.	0.
364	383	T-	0.	0.	0.
364	409	T-	0.	0.	0.
364	408	T-	0.	0.	0.
364	382	W	-0.9446	1.9003	0.0267
364	383	W	-0.9021	2.1914	0.0193
364	409	W	-1.4912	2.0917	0.0263
364	408	W	-1.5315	1.8005	0.0337
364	382	Qm-1	5.6	2.2269	-0.2663
364	383	Qm-1	5.5452	2.5901	-0.2619
364	409	Qm-1	5.3742	2.5499	-0.2094
364	408	Qm-1	5.4242	2.1769	-0.2138
364	382	Qm-2	-0.0305	0.0464	0.0358
364	383	Qm-2	-0.1054	-0.0451	0.0266
364	409	Qm-2	-0.1	-0.0233	0.047
364	408	Qm-2	-0.0404	0.0678	0.0562
365	383	DEAD	0.	0.	0.
365	384	DEAD	0.	0.	0.
365	410	DEAD	0.	0.	0.
365	409	DEAD	0.	0.	0.
365	383	G1	7.630E-08	-3.332E-08	-6.962E-09

Table 27: Element Forces - Area Shells, Part 2 of 3

Area	Joint	OutputCase	M11	M22	M12
			KN-mm/mm	KN-mm/mm	KN-mm/mm
365	384	G1	6.301E-08	-7.227E-08	-8.380E-09
365	410	G1	6.478E-08	-6.967E-08	-6.962E-09
365	409	G1	7.223E-08	-3.042E-08	-5.543E-09
365	383	G2	-1.0517	-0.6427	0.0128
365	384	G2	-1.0667	-0.6714	0.0146
365	410	G2	-1.0341	-0.6694	0.0184
365	409	G2	-1.0196	-0.6407	0.0165
365	383	Qm	4.4979	1.9488	-0.331
365	384	Qm	4.506	2.3403	-0.3316
365	410	Qm	4.3535	2.3085	-0.3037
365	409	Qm	4.3398	1.9214	-0.3031
365	383	Qs	-3.899E-09	-5.644E-09	-1.383E-10
365	384	Qs	-3.611E-09	-5.656E-09	-2.491E-10
365	410	Qs	-3.525E-09	-5.370E-09	-2.713E-10
365	409	Qs	-3.420E-09	-5.233E-09	-1.604E-10
365	383	T+	0.	0.	0.
365	384	T+	0.	0.	0.
365	410	T+	0.	0.	0.
365	409	T+	0.	0.	0.
365	383	T-	0.	0.	0.
365	384	T-	0.	0.	0.
365	410	T-	0.	0.	0.
365	409	T-	0.	0.	0.
365	383	W	-0.9021	2.1915	0.0123
365	384	W	-0.8581	2.4852	0.005
365	410	W	-1.4463	2.3848	0.0109
365	409	W	-1.4912	2.0918	0.0183
365	383	Qm-1	5.5453	2.5904	-0.2596
365	384	Qm-1	5.0771	0.8883	-0.2591
365	410	Qm-1	4.9102	0.8588	-0.2063
365	409	Qm-1	5.3742	2.5501	-0.2068
365	383	Qm-2	-0.1054	-0.0451	0.02
365	384	Qm-2	-0.1662	-0.1214	0.0125
365	410	Qm-2	-0.1505	-0.1028	0.0291
365	409	Qm-2	-0.1	-0.0233	0.0367
366	384	DEAD	0.	0.	0.
366	385	DEAD	0.	0.	0.
366	411	DEAD	0.	0.	0.
366	410	DEAD	0.	0.	0.
366	384	G1	6.447E-08	-7.034E-08	-9.364E-09
366	385	G1	5.601E-08	-9.990E-08	-1.007E-08
366	411	G1	5.490E-08	-9.694E-08	-8.655E-09
366	410	G1	6.275E-08	-7.046E-08	-7.945E-09
366	384	G2	-1.0667	-0.6714	0.0161
366	385	G2	-1.082	-0.6902	0.018
366	411	G2	-1.0487	-0.6882	0.0226
366	410	G2	-1.0341	-0.6694	0.0207
366	384	Qm	4.506	2.3403	-0.3295
366	385	Qm	4.4991	2.6201	-0.3274
366	411	Qm	4.3522	2.5823	-0.3026
366	410	Qm	4.3535	2.3085	-0.3047
366	384	Qs	-3.637E-09	-5.455E-09	-3.106E-10
366	385	Qs	-3.463E-09	-5.428E-09	-3.327E-10
366	411	Qs	-3.482E-09	-5.145E-09	-3.549E-10

Table 27: Element Forces - Area Shells, Part 2 of 3

Area	Joint	OutputCase	M11	M22	M12
			KN-mm/mm	KN-mm/mm	KN-mm/mm
366	410	Qs	-3.502E-09	-5.555E-09	-3.327E-10
366	384	T+	0.	0.	0.
366	385	T+	0.	0.	0.
366	411	T+	0.	0.	0.
366	410	T+	0.	0.	0.
366	384	T-	0.	0.	0.
366	385	T-	0.	0.	0.
366	411	T-	0.	0.	0.
366	410	T-	0.	0.	0.
366	384	W	-0.8581	2.4852	-0.0015
366	385	W	-0.8134	2.7778	-0.0081
366	411	W	-1.3969	2.6755	-0.0034
366	410	W	-1.4463	2.3848	0.0032
366	384	Qm-1	5.0772	0.8885	-0.2595
366	385	Qm-1	4.6803	-0.4897	-0.2632
366	411	Qm-1	4.5167	-0.5085	-0.2129
366	410	Qm-1	4.9103	0.859	-0.2092
366	384	Qm-2	-0.1662	-0.1215	0.0076
366	385	Qm-2	-0.2158	-0.1851	0.0026
366	411	Qm-2	-0.1925	-0.1717	0.0161
366	410	Qm-2	-0.1505	-0.1029	0.0212
367	385	DEAD	0.	0.	0.
367	386	DEAD	0.	0.	0.
367	412	DEAD	0.	0.	0.
367	411	DEAD	0.	0.	0.
367	385	G1	5.681E-08	-9.965E-08	-1.003E-08
367	386	G1	4.842E-08	-1.176E-07	-9.187E-09
367	412	G1	4.826E-08	-1.158E-07	-8.607E-09
367	411	G1	5.281E-08	-1.042E-07	-8.832E-09
367	385	G2	-1.082	-0.6902	0.0195
367	386	G2	-1.0972	-0.6977	0.0215
367	412	G2	-1.0632	-0.6958	0.027
367	411	G2	-1.0487	-0.6882	0.025
367	385	Qm	4.4991	2.6201	-0.3226
367	386	Qm	4.4766	2.7904	-0.3176
367	412	Qm	4.3348	2.7464	-0.2953
367	411	Qm	4.3522	2.5822	-0.3004
367	385	Qs	-3.413E-09	-5.350E-09	-3.643E-10
367	386	Qs	-3.574E-09	-5.186E-09	-2.978E-10
367	412	Qs	-3.524E-09	-5.306E-09	-2.756E-10
367	411	Qs	-3.522E-09	-5.455E-09	-3.421E-10
367	385	T+	0.	0.	0.
367	386	T+	0.	0.	0.
367	412	T+	0.	0.	0.
367	411	T+	0.	0.	0.
367	385	T-	0.	0.	0.
367	386	T-	0.	0.	0.
367	412	T-	0.	0.	0.
367	411	T-	0.	0.	0.
367	385	W	-0.8134	2.7777	-0.0138
367	386	W	-0.7702	3.0663	-0.0191
367	412	W	-1.345	2.9621	-0.0149
367	411	W	-1.3969	2.6755	-0.0097
367	385	Qm-1	4.6804	-0.4895	-0.2664

Table 27: Element Forces - Area Shells, Part 2 of 3

Area	Joint	OutputCase	M11	M22	M12
			KN-mm/mm	KN-mm/mm	KN-mm/mm
367	386	Qm-1	4.3592	-1.5535	-0.2741
367	412	Qm-1	4.198	-1.5624	-0.2291
367	411	Qm-1	4.5168	-0.5083	-0.2213
367	385	Qm-2	-0.2159	-0.1853	-1.356E-04
367	386	Qm-2	-0.2574	-0.2359	-0.0024
367	412	Qm-2	-0.2282	-0.2281	0.0092
367	411	Qm-2	-0.1926	-0.1718	0.0115
368	386	DEAD	0.	0.	0.
368	387	DEAD	0.	0.	0.
368	413	DEAD	0.	0.	0.
368	412	DEAD	0.	0.	0.
368	386	G1	4.959E-08	-1.170E-07	-9.187E-09
368	387	G1	3.837E-08	-1.364E-07	-1.038E-08
368	413	G1	4.281E-08	-1.317E-07	-8.832E-09
368	412	G1	4.688E-08	-1.204E-07	-8.253E-09
368	386	G2	-1.0972	-0.6977	0.0231
368	387	G2	-1.1124	-0.6927	0.0252
368	413	G2	-1.0772	-0.6912	0.0317
368	412	G2	-1.0632	-0.6958	0.0296
368	386	Qm	4.4766	2.7904	-0.3102
368	387	Qm	4.4378	2.8547	-0.3025
368	413	Qm	4.3	2.8058	-0.2821
368	412	Qm	4.3347	2.7464	-0.2898
368	386	Qs	-3.542E-09	-5.223E-09	-2.210E-10
368	387	Qs	-3.520E-09	-5.074E-09	-2.815E-10
368	413	Qs	-3.514E-09	-5.218E-09	-2.653E-10
368	412	Qs	-3.473E-09	-5.171E-09	-2.815E-10
368	386	T+	0.	0.	0.
368	387	T+	0.	0.	0.
368	413	T+	0.	0.	0.
368	412	T+	0.	0.	0.
368	386	T-	0.	0.	0.
368	387	T-	0.	0.	0.
368	413	T-	0.	0.	0.
368	412	T-	0.	0.	0.
368	386	W	-0.7702	3.0662	-0.0238
368	387	W	-0.7315	3.3479	-0.0277
368	413	W	-1.2932	3.2433	-0.0231
368	412	W	-1.3451	2.962	-0.0192
368	386	Qm-1	4.3592	-1.5534	-0.2801
368	387	Qm-1	4.1173	-2.3106	-0.2914
368	413	Qm-1	3.9581	-2.3116	-0.2537
368	412	Qm-1	4.1981	-1.5622	-0.2425
368	386	Qm-2	-0.2574	-0.236	-0.0029
368	387	Qm-2	-0.2937	-0.2722	-0.0025
368	413	Qm-2	-0.2599	-0.2692	0.0084
368	412	Qm-2	-0.2283	-0.2282	0.008
369	387	DEAD	0.	0.	0.
369	388	DEAD	0.	0.	0.
369	414	DEAD	0.	0.	0.
369	413	DEAD	0.	0.	0.
369	387	G1	3.883E-08	-1.352E-07	-1.009E-08
369	388	G1	4.481E-08	-1.311E-07	-1.106E-08
369	414	G1	3.803E-08	-1.328E-07	-1.080E-08

Table 27: Element Forces - Area Shells, Part 2 of 3

Area	Joint	OutputCase	M11	M22	M12
			KN-mm/mm	KN-mm/mm	KN-mm/mm
369	413	G1	4.334E-08	-1.321E-07	-1.106E-08
369	387	G2	-1.1124	-0.6927	0.0271
369	388	G2	-1.1274	-0.6737	0.0296
369	414	G2	-1.0904	-0.6728	0.037
369	413	G2	-1.0772	-0.6912	0.0345
369	387	Qm	4.4378	2.8547	-0.2932
369	388	Qm	4.382	2.8172	-0.2835
369	414	Qm	4.2471	2.7653	-0.2641
369	413	Qm	4.3	2.8057	-0.2738
369	387	Qs	-3.549E-09	-5.261E-09	-2.372E-10
369	388	Qs	-3.277E-09	-4.316E-09	-2.594E-10
369	414	Qs	-3.142E-09	-4.355E-09	-3.259E-10
369	413	Qs	-3.424E-09	-5.117E-09	-3.037E-10
369	387	T+	0.	0.	0.
369	388	T+	0.	0.	0.
369	414	T+	0.	0.	0.
369	413	T+	0.	0.	0.
369	387	T-	0.	0.	0.
369	388	T-	0.	0.	0.
369	414	T-	0.	0.	0.
369	413	T-	0.	0.	0.
369	387	W	-0.7315	3.3478	-0.0315
369	388	W	-0.7011	3.619	-0.0344
369	414	W	-1.2428	3.5164	-0.0285
369	413	W	-1.2932	3.2433	-0.0257
369	387	Qm-1	4.1173	-2.3105	-0.2995
369	388	Qm-1	3.9574	-2.7656	-0.3133
369	414	Qm-1	3.8001	-2.7619	-0.2848
369	413	Qm-1	3.9581	-2.3115	-0.271
369	387	Qm-2	-0.2937	-0.2723	-0.0012
369	388	Qm-2	-0.3267	-0.2924	0.0012
369	414	Qm-2	-0.2894	-0.2926	0.0124
369	413	Qm-2	-0.2599	-0.2693	0.01
370	388	DEAD	0.	0.	0.
370	389	DEAD	0.	0.	0.
370	415	DEAD	0.	0.	0.
370	414	DEAD	0.	0.	0.
370	388	G1	4.554E-08	-1.294E-07	-1.151E-08
370	389	G1	4.185E-08	-1.304E-07	-1.042E-08
370	415	G1	4.071E-08	-1.323E-07	-1.080E-08
370	414	G1	3.972E-08	-1.325E-07	-1.006E-08
370	388	G2	-1.1274	-0.6738	0.0318
370	389	G2	-1.1424	-0.6394	0.0348
370	415	G2	-1.1026	-0.6396	0.0433
370	414	G2	-1.0904	-0.6728	0.0402
370	388	Qm	4.382	2.8171	-0.273
370	389	Qm	4.3087	2.6818	-0.2625
370	415	Qm	4.1755	2.6296	-0.2437
370	414	Qm	4.2471	2.7653	-0.2542
370	388	Qs	-3.234E-09	-4.352E-09	-2.973E-10
370	389	Qs	-3.131E-09	-3.989E-09	-2.227E-10
370	415	Qs	-3.045E-09	-4.275E-09	-2.530E-10
370	414	Qs	-3.134E-09	-4.336E-09	-2.892E-10
370	388	T+	0.	0.	0.

Table 27: Element Forces - Area Shells, Part 2 of 3

Area	Joint	OutputCase	M11	M22	M12
			KN-mm/mm	KN-mm/mm	KN-mm/mm
370	389	T+	0.	0.	0.
370	415	T+	0.	0.	0.
370	414	T+	0.	0.	0.
370	388	T-	0.	0.	0.
370	389	T-	0.	0.	0.
370	415	T-	0.	0.	0.
370	414	T-	0.	0.	0.
370	388	W	-0.7011	3.6188	-0.0376
370	389	W	-0.6836	3.8731	-0.0399
370	415	W	-1.193	3.7763	-0.0325
370	414	W	-1.2427	3.5164	-0.0302
370	388	Qm-1	3.9574	-2.7656	-0.3228
370	389	Qm-1	3.8811	-2.9202	-0.3376
370	415	Qm-1	3.7259	-2.9152	-0.3191
370	414	Qm-1	3.8001	-2.7618	-0.3043
370	388	Qm-2	-0.3267	-0.2924	0.0038
370	389	Qm-2	-0.3583	-0.2959	0.0074
370	415	Qm-2	-0.3181	-0.2971	0.0196
370	414	Qm-2	-0.2894	-0.2926	0.016
371	389	DEAD	0.	0.	0.
371	390	DEAD	0.	0.	0.
371	416	DEAD	0.	0.	0.
371	415	DEAD	0.	0.	0.
371	389	G1	4.328E-08	-1.273E-07	-1.048E-08
371	390	G1	3.877E-08	-1.249E-07	-9.774E-09
371	416	G1	3.832E-08	-1.245E-07	-8.355E-09
371	415	G1	4.037E-08	-1.318E-07	-9.064E-09
371	389	G2	-1.1424	-0.6395	0.0376
371	390	G2	-1.1577	-0.5883	0.0415
371	416	G2	-1.1134	-0.59	0.0512
371	415	G2	-1.1026	-0.6396	0.0473
371	389	Qm	4.3087	2.6817	-0.2518
371	390	Qm	4.2182	2.452	-0.2417
371	416	Qm	4.0856	2.4022	-0.2231
371	415	Qm	4.1755	2.6296	-0.2333
371	389	Qs	-3.119E-09	-4.117E-09	-2.073E-10
371	390	Qs	-3.105E-09	-3.860E-09	-1.408E-10
371	416	Qs	-3.280E-09	-4.189E-09	-7.427E-11
371	415	Qs	-3.083E-09	-4.081E-09	-1.408E-10
371	389	T+	0.	0.	0.
371	390	T+	0.	0.	0.
371	416	T+	0.	0.	0.
371	415	T+	0.	0.	0.
371	389	T-	0.	0.	0.
371	390	T-	0.	0.	0.
371	416	T-	0.	0.	0.
371	415	T-	0.	0.	0.
371	389	W	-0.6836	3.8729	-0.0434
371	390	W	-0.6854	4.1	-0.0465
371	416	W	-1.1444	4.0178	-0.0367
371	415	W	-1.193	3.7762	-0.0336
371	389	Qm-1	3.8811	-2.9202	-0.3475
371	390	Qm-1	3.8887	-2.7726	-0.362
371	416	Qm-1	3.736	-2.7697	-0.3534

Table 27: Element Forces - Area Shells, Part 2 of 3

Area	Joint	OutputCase	M11	M22	M12
			KN-mm/mm	KN-mm/mm	KN-mm/mm
371	415	Qm-1	3.7259	-2.9153	-0.339
371	389	Qm-2	-0.3583	-0.2959	0.0105
371	390	Qm-2	-0.3891	-0.2832	0.0143
371	416	Qm-2	-0.3467	-0.2834	0.0278
371	415	Qm-2	-0.3181	-0.2971	0.024
372	390	DEAD	0.	0.	0.
372	391	DEAD	0.	0.	0.
372	417	DEAD	0.	0.	0.
372	416	DEAD	0.	0.	0.
372	390	G1	3.808E-08	-1.243E-07	-8.545E-09
372	391	G1	4.567E-08	-1.085E-07	-8.450E-09
372	417	G1	3.737E-08	-1.151E-07	-7.836E-09
372	416	G1	4.053E-08	-1.214E-07	-9.159E-09
372	390	G2	-1.1577	-0.5884	0.0452
372	391	G2	-1.1742	-0.5191	0.0503
372	417	G2	-1.1226	-0.5226	0.0614
372	416	G2	-1.1134	-0.59	0.0563
372	390	Qm	4.2182	2.452	-0.2318
372	391	Qm	4.1113	2.1306	-0.2232
372	417	Qm	3.9782	2.0858	-0.2051
372	416	Qm	4.0856	2.4022	-0.2138
372	390	Qs	-3.149E-09	-3.984E-09	-4.605E-11
372	391	Qs	-3.003E-09	-3.484E-09	7.290E-11
372	417	Qs	-3.285E-09	-3.998E-09	2.045E-11
372	416	Qs	-3.225E-09	-3.927E-09	-6.010E-11
372	390	T+	0.	0.	0.
372	391	T+	0.	0.	0.
372	417	T+	0.	0.	0.
372	416	T+	0.	0.	0.
372	390	T-	0.	0.	0.
372	391	T-	0.	0.	0.
372	417	T-	0.	0.	0.
372	416	T-	0.	0.	0.
372	390	W	-0.6855	4.0994	-0.0539
372	391	W	-0.7211	4.2814	-0.0637
372	417	W	-1.0986	4.2434	-0.0489
372	416	W	-1.1445	4.0173	-0.039
372	390	Qm-1	3.8887	-2.7727	-0.3712
372	391	Qm-1	3.9797	-2.3182	-0.3842
372	417	Qm-1	3.8294	-2.3195	-0.3849
372	416	Qm-1	3.736	-2.7698	-0.3719
372	390	Qm-2	-0.3891	-0.2831	0.0173
372	391	Qm-2	-0.4194	-0.2561	0.0204
372	417	Qm-2	-0.3752	-0.2537	0.035
372	416	Qm-2	-0.3467	-0.2834	0.0319
373	391	DEAD	0.	0.	0.
373	392	DEAD	0.	0.	0.
373	418	DEAD	0.	0.	0.
373	417	DEAD	0.	0.	0.
373	391	G1	4.491E-08	-1.066E-07	-6.907E-09
373	392	G1	4.881E-08	-8.033E-08	-7.167E-09
373	418	G1	4.700E-08	-8.129E-08	-6.198E-09
373	417	G1	3.804E-08	-1.108E-07	-7.167E-09
373	391	G2	-1.1743	-0.5192	0.0551

Table 27: Element Forces - Area Shells, Part 2 of 3

Area	Joint	OutputCase	M11	M22	M12
			KN-mm/mm	KN-mm/mm	KN-mm/mm
373	392	G2	-1.1937	-0.4308	0.0616
373	418	G2	-1.1304	-0.4355	0.0746
373	417	G2	-1.1226	-0.5227	0.0681
373	391	Qm	4.1113	2.1306	-0.2152
373	392	Qm	3.9895	1.7195	-0.2092
373	418	Qm	3.8548	1.6818	-0.1921
373	417	Qm	3.9782	2.0858	-0.1981
373	391	Qs	-2.961E-09	-3.492E-09	1.041E-10
373	392	Qs	-3.118E-09	-3.121E-09	7.381E-11
373	418	Qs	-2.812E-09	-2.877E-09	1.263E-10
373	417	Qs	-3.198E-09	-3.655E-09	1.181E-10
373	391	T+	0.	0.	0.
373	392	T+	0.	0.	0.
373	418	T+	0.	0.	0.
373	417	T+	0.	0.	0.
373	391	T-	0.	0.	0.
373	392	T-	0.	0.	0.
373	418	T-	0.	0.	0.
373	417	T-	0.	0.	0.
373	391	W	-0.7211	4.2815	-0.0939
373	392	W	-0.8142	4.3684	-0.1386
373	418	W	-1.1183	4.4892	-0.1012
373	417	W	-1.0995	4.2388	-0.0565
373	391	Qm-1	3.9797	-2.3183	-0.3922
373	392	Qm-1	4.1526	-1.5503	-0.4031
373	418	Qm-1	4.0043	-1.5562	-0.4118
373	417	Qm-1	3.8294	-2.3196	-0.4008
373	391	Qm-2	-0.4193	-0.2561	0.0227
373	392	Qm-2	-0.4488	-0.2177	0.0247
373	418	Qm-2	-0.4033	-0.2119	0.04
373	417	Qm-2	-0.3752	-0.2536	0.038
374	392	DEAD	0.	0.	0.
374	393	DEAD	0.	0.	0.
374	419	DEAD	0.	0.	0.
374	418	DEAD	0.	0.	0.
374	392	G1	4.983E-08	-7.892E-08	-6.737E-09
374	393	G1	5.801E-08	-4.899E-08	-8.061E-09
374	419	G1	5.262E-08	-4.580E-08	-7.801E-09
374	418	G1	4.706E-08	-7.927E-08	-7.706E-09
374	392	G2	-1.1938	-0.4309	0.067
374	393	G2	-1.2189	-0.3249	0.074
374	419	G2	-1.1404	-0.3248	0.0903
374	418	G2	-1.1305	-0.4359	0.0834
374	392	Qm	3.9895	1.7195	-0.2039
374	393	Qm	3.8547	1.2199	-0.2014
374	419	Qm	3.7177	1.1911	-0.186
374	418	Qm	3.8548	1.6819	-0.1885
374	392	Qs	-3.019E-09	-2.635E-09	9.427E-11
374	393	Qs	-2.648E-09	-2.522E-09	1.105E-10
374	419	Qs	-2.927E-09	-2.178E-09	7.210E-11
374	418	Qs	-2.856E-09	-2.963E-09	1.327E-10
374	392	T+	0.	0.	0.
374	393	T+	0.	0.	0.
374	419	T+	0.	0.	0.

Table 27: Element Forces - Area Shells, Part 2 of 3

Area	Joint	OutputCase	M11	M22	M12
			KN-mm/mm	KN-mm/mm	KN-mm/mm
374	418	T+	0.	0.	0.
374	392	T-	0.	0.	0.
374	393	T-	0.	0.	0.
374	419	T-	0.	0.	0.
374	418	T-	0.	0.	0.
374	392	W	-0.8119	4.38	-0.2452
374	393	W	-0.9028	4.1716	-0.4333
374	419	W	-1.3863	4.8243	-0.3533
374	418	W	-1.1218	4.4715	-0.1652
374	392	Qm-1	4.1526	-1.5504	-0.4098
374	393	Qm-1	4.4061	-0.4611	-0.419
374	419	Qm-1	4.2585	-0.4703	-0.4341
374	418	Qm-1	4.0042	-1.5563	-0.4249
374	392	Qm-2	-0.4488	-0.2176	0.0261
374	393	Qm-2	-0.4769	-0.1711	0.027
374	419	Qm-2	-0.4298	-0.1626	0.0423
374	418	Qm-2	-0.4032	-0.2118	0.0414
375	393	DEAD	0.	0.	0.
375	394	DEAD	0.	0.	0.
375	420	DEAD	0.	0.	0.
375	419	DEAD	0.	0.	0.
375	393	G1	6.039E-08	-4.971E-08	-9.399E-09
375	394	G1	7.054E-08	-2.148E-09	-1.108E-08
375	420	G1	5.955E-08	-6.039E-09	-1.046E-08
375	419	G1	5.086E-08	-4.630E-08	-1.001E-08
375	393	G2	-1.2188	-0.3247	0.0778
375	394	G2	-1.2488	-0.2101	0.0814
375	420	G2	-1.161	-0.194	0.1021
375	419	G2	-1.1404	-0.3246	0.0986
375	393	Qm	3.8547	1.22	-0.1995
375	394	Qm	3.7094	0.6329	-0.201
375	420	Qm	3.5693	0.6137	-0.1884
375	419	Qm	3.7177	1.1912	-0.1868
375	393	Qs	-2.769E-09	-2.545E-09	2.970E-12
375	394	Qs	-2.315E-09	-1.293E-09	-1.100E-10
375	420	Qs	-2.782E-09	-1.483E-09	-4.136E-11
375	419	Qs	-2.924E-09	-2.212E-09	-4.354E-11
375	393	T+	0.	0.	0.
375	394	T+	0.	0.	0.
375	420	T+	0.	0.	0.
375	419	T+	0.	0.	0.
375	393	T-	0.	0.	0.
375	394	T-	0.	0.	0.
375	420	T-	0.	0.	0.
375	419	T-	0.	0.	0.
375	393	W	-0.9075	4.1481	-0.7006
375	394	W	-0.71	3.3453	-1.0738
375	420	W	-1.7342	4.0128	-1.1097
375	419	W	-1.3557	4.9775	-0.7365
375	393	Qm-1	4.4061	-0.4611	-0.4249
375	394	Qm-1	4.7391	0.9568	-0.4333
375	420	Qm-1	4.5908	0.9473	-0.4538
375	419	Qm-1	4.2585	-0.4703	-0.4453
375	393	Qm-2	-0.4769	-0.171	0.0277

Table 27: Element Forces - Area Shells, Part 2 of 3

Area	Joint	OutputCase	M11	M22	M12
			KN-mm/mm	KN-mm/mm	KN-mm/mm
375	394	Qm-2	-0.5033	-0.1189	0.0281
375	420	Qm-2	-0.4541	-0.1102	0.043
375	419	Qm-2	-0.4298	-0.1626	0.0426
376	394	DEAD	0.	0.	0.
376	395	DEAD	0.	0.	0.
376	421	DEAD	0.	0.	0.
376	420	DEAD	0.	0.	0.
376	394	G1	7.178E-08	-3.129E-09	-1.038E-08
376	395	G1	6.820E-08	-6.979E-09	-9.092E-09
376	421	G1	5.732E-08	-1.049E-08	-8.253E-09
376	420	G1	5.844E-08	-7.866E-09	-1.016E-08
376	394	G2	-1.2487	-0.21	0.0824
376	395	G2	-1.2807	-0.1001	0.0824
376	421	G2	-1.1831	-0.0796	0.103
376	420	G2	-1.1609	-0.1935	0.103
376	394	Qm	3.7094	0.6329	-0.2028
376	395	Qm	3.5961	0.1592	-0.2086
376	421	Qm	3.4529	0.1499	-0.1998
376	420	Qm	3.5694	0.6138	-0.194
376	394	Qs	-2.395E-09	-1.331E-09	-1.062E-11
376	395	Qs	-2.454E-09	-8.163E-10	1.748E-11
376	421	Qs	-2.963E-09	-1.046E-09	1.002E-10
376	420	Qs	-2.842E-09	-1.825E-09	-4.684E-12
376	394	T+	0.	0.	0.
376	395	T+	0.	0.	0.
376	421	T+	0.	0.	0.
376	420	T+	0.	0.	0.
376	394	T-	0.	0.	0.
376	395	T-	0.	0.	0.
376	421	T-	0.	0.	0.
376	420	T-	0.	0.	0.
376	394	W	-0.6625	3.5829	-1.2077
376	395	W	-0.3758	1.3984	-1.8273
376	421	W	-0.8462	4.3489	-2.1491
376	420	W	-1.8831	3.2684	-1.5295
376	394	Qm-1	4.7391	0.9568	-0.4394
376	395	Qm-1	4.6718	0.3093	-0.4486
376	421	Qm-1	4.5214	0.3032	-0.474
376	420	Qm-1	4.5908	0.9474	-0.4648
376	394	Qm-2	-0.5033	-0.119	0.0289
376	395	Qm-2	-0.5284	-0.0623	0.0301
376	421	Qm-2	-0.4766	-0.0565	0.0446
376	420	Qm-2	-0.4541	-0.1103	0.0434
377	395	DEAD	0.	0.	0.
377	396	DEAD	0.	0.	0.
377	422	DEAD	0.	0.	0.
377	421	DEAD	0.	0.	0.
377	395	G1	6.873E-08	-7.664E-09	-7.331E-09
377	396	G1	7.112E-08	-4.185E-10	-7.686E-09
377	422	G1	6.625E-08	1.387E-10	-9.459E-09
377	421	G1	5.649E-08	-1.079E-08	-9.104E-09
377	395	G2	-1.2807	-0.1002	0.0836
377	396	G2	-1.3177	-4.690E-04	0.088
377	422	G2	-1.2032	5.434E-04	0.1074

Table 27: Element Forces - Area Shells, Part 2 of 3

Area	Joint	OutputCase	M11	M22	M12
			KN-mm/mm	KN-mm/mm	KN-mm/mm
377	421	G2	-1.1832	-0.0802	0.103
377	395	Qm	3.5961	0.1593	-0.2142
377	396	Qm	3.5581	5.111E-04	-0.2243
377	422	Qm	3.4105	3.782E-04	-0.2204
377	421	Qm	3.4529	0.1499	-0.2103
377	395	Qs	-2.483E-09	-8.175E-10	1.467E-10
377	396	Qs	-2.228E-09	-6.319E-11	1.467E-10
377	422	Qs	-2.261E-09	9.127E-11	5.805E-11
377	421	Qs	-2.920E-09	-1.066E-09	5.805E-11
377	395	T+	0.	0.	0.
377	396	T+	0.	0.	0.
377	422	T+	0.	0.	0.
377	421	T+	0.	0.	0.
377	395	T-	0.	0.	0.
377	396	T-	0.	0.	0.
377	422	T-	0.	0.	0.
377	421	T-	0.	0.	0.
377	395	W	-0.1948	2.3033	-2.0476
377	396	W	0.3653	-0.2301	-1.9674
377	422	W	-0.2533	0.7396	-2.4636
377	421	W	-1.6074	0.5424	-2.5437
377	395	Qm-1	4.6718	0.3093	-0.4561
377	396	Qm-1	4.6859	5.348E-04	-0.4675
377	422	Qm-1	4.532	4.139E-04	-0.4981
377	421	Qm-1	4.5215	0.3033	-0.4867
377	395	Qm-2	-0.5284	-0.0624	0.0319
377	396	Qm-2	-0.5542	-1.421E-04	0.0351
377	422	Qm-2	-0.4988	-3.184E-05	0.0501
377	421	Qm-2	-0.4767	-0.0567	0.0468
378	397	DEAD	0.	0.	0.
378	398	DEAD	0.	0.	0.
378	424	DEAD	0.	0.	0.
378	423	DEAD	0.	0.	0.
378	397	G1	1.020E-07	2.126E-09	-1.253E-08
378	398	G1	9.715E-08	-7.743E-09	-1.253E-08
378	424	G1	8.445E-08	-5.632E-09	-1.040E-08
378	423	G1	9.187E-08	-1.138E-09	-1.040E-08
378	397	G2	-0.9772	-1.087E-04	-0.0559
378	398	G2	-0.9628	-0.0459	-0.052
378	424	G2	-0.9158	-0.0459	-0.0618
378	423	G2	-0.9302	-1.062E-04	-0.0658
378	397	Qm	4.2395	7.300E-04	-0.2937
378	398	Qm	4.2677	0.1234	-0.3155
378	424	Qm	3.9895	0.1166	-0.3175
378	423	Qm	3.9606	7.036E-04	-0.2957
378	397	Qs	-2.497E-09	3.676E-11	-3.899E-10
378	398	Qs	-2.648E-09	-7.797E-10	-3.899E-10
378	424	Qs	-2.750E-09	-6.254E-10	-3.012E-10
378	423	Qs	-2.210E-09	-5.375E-11	-3.012E-10
378	397	T+	0.	0.	0.
378	398	T+	0.	0.	0.
378	424	T+	0.	0.	0.
378	423	T+	0.	0.	0.
378	397	T-	0.	0.	0.

Table 27: Element Forces - Area Shells, Part 2 of 3

Area	Joint	OutputCase	M11	M22	M12
			KN-mm/mm	KN-mm/mm	KN-mm/mm
378	398	T-	0.	0.	0.
378	424	T-	0.	0.	0.
378	423	T-	0.	0.	0.
378	397	W	-1.8453	-1.007E-04	0.5415
378	398	W	-1.8347	0.0018	0.4978
378	424	W	-2.3875	-0.0105	0.4918
378	423	W	-2.4039	-3.783E-04	0.5355
378	397	Qm-1	5.3692	9.069E-04	-0.2748
378	398	Qm-1	5.3907	0.1809	-0.3007
378	424	Qm-1	5.0466	0.1665	-0.2963
378	423	Qm-1	5.0199	7.581E-04	-0.2705
378	397	Qm-2	0.2667	-3.188E-05	-0.0157
378	398	Qm-2	0.2631	0.0417	-0.0203
378	424	Qm-2	0.2134	0.0451	-0.0137
378	423	Qm-2	0.2239	-1.110E-04	-0.0091
379	398	DEAD	0.	0.	0.
379	399	DEAD	0.	0.	0.
379	425	DEAD	0.	0.	0.
379	424	DEAD	0.	0.	0.
379	398	G1	9.752E-08	-4.323E-09	-1.218E-08
379	399	G1	9.704E-08	-5.726E-09	-1.196E-08
379	425	G1	8.635E-08	-1.124E-08	-1.218E-08
379	424	G1	8.499E-08	-4.307E-09	-1.302E-08
379	398	G2	-0.9628	-0.0459	-0.0488
379	399	G2	-0.9528	-0.098	-0.0448
379	425	G2	-0.9058	-0.0981	-0.0534
379	424	G2	-0.9158	-0.0459	-0.0573
379	398	Qm	4.2676	0.1232	-0.3317
379	399	Qm	4.3602	0.4785	-0.3489
379	425	Qm	4.0826	0.4568	-0.3586
379	424	Qm	3.9895	0.1164	-0.3414
379	398	Qs	-2.658E-09	-7.261E-10	-3.549E-10
379	399	Qs	-2.849E-09	-1.343E-09	-2.884E-10
379	425	Qs	-2.757E-09	-1.624E-09	-3.106E-10
379	424	Qs	-2.830E-09	-7.141E-10	-3.771E-10
379	398	T+	0.	0.	0.
379	399	T+	0.	0.	0.
379	425	T+	0.	0.	0.
379	424	T+	0.	0.	0.
379	398	T-	0.	0.	0.
379	399	T-	0.	0.	0.
379	425	T-	0.	0.	0.
379	424	T-	0.	0.	0.
379	398	W	-1.8347	0.0018	0.4552
379	399	W	-1.8196	0.0493	0.4163
379	425	W	-2.3707	0.0279	0.4132
379	424	W	-2.3875	-0.0105	0.4522
379	398	Qm-1	5.3906	0.1806	-0.319
379	399	Qm-1	5.4889	0.644	-0.3374
379	425	Qm-1	5.1488	0.6097	-0.3414
379	424	Qm-1	5.0465	0.1662	-0.323
379	398	Qm-2	0.2631	0.0418	-0.0264
379	399	Qm-2	0.2689	0.1241	-0.0318
379	425	Qm-2	0.2007	0.1239	-0.0237

Table 27: Element Forces - Area Shells, Part 2 of 3

Area	Joint	OutputCase	M11	M22	M12
			KN-mm/mm	KN-mm/mm	KN-mm/mm
379	424	Qm-2	0.2133	0.0447	-0.0182
380	399	DEAD	0.	0.	0.
380	400	DEAD	0.	0.	0.
380	426	DEAD	0.	0.	0.
380	425	DEAD	0.	0.	0.
380	399	G1	9.643E-08	-8.470E-09	-1.280E-08
380	400	G1	9.901E-08	7.802E-09	-1.231E-08
380	426	G1	8.908E-08	4.847E-10	-1.280E-08
380	425	G1	8.589E-08	-7.802E-09	-1.267E-08
380	399	G2	-0.9528	-0.098	-0.0415
380	400	G2	-0.9468	-0.1547	-0.0375
380	426	G2	-0.8997	-0.155	-0.0447
380	425	G2	-0.9058	-0.0981	-0.0487
380	399	Qm	4.3602	0.4782	-0.3604
380	400	Qm	4.5127	1.0833	-0.3697
380	426	Qm	4.2371	1.0394	-0.3842
380	425	Qm	4.0825	0.4565	-0.3748
380	399	Qs	-3.044E-09	-1.771E-09	-3.118E-10
380	400	Qs	-2.974E-09	-2.039E-09	-3.502E-10
380	426	Qs	-3.169E-09	-2.727E-09	-2.897E-10
380	425	Qs	-2.802E-09	-1.313E-09	-3.280E-10
380	399	T+	0.	0.	0.
380	400	T+	0.	0.	0.
380	426	T+	0.	0.	0.
380	425	T+	0.	0.	0.
380	399	T-	0.	0.	0.
380	400	T-	0.	0.	0.
380	426	T-	0.	0.	0.
380	425	T-	0.	0.	0.
380	399	W	-1.8196	0.0494	0.3779
380	400	W	-1.8012	0.1372	0.3423
380	426	W	-2.3525	0.109	0.3417
380	425	W	-2.3707	0.028	0.3773
380	399	Qm-1	5.4888	0.6436	-0.3493
380	400	Qm-1	5.6571	1.4092	-0.3585
380	426	Qm-1	5.3211	1.3524	-0.3666
380	425	Qm-1	5.1487	0.6093	-0.3574
380	399	Qm-2	0.2685	0.1222	-0.0394
380	400	Qm-2	0.2763	0.2618	-0.0392
380	426	Qm-2	0.176	0.2249	-0.0256
380	425	Qm-2	0.2008	0.1243	-0.0259
381	400	DEAD	0.	0.	0.
381	401	DEAD	0.	0.	0.
381	427	DEAD	0.	0.	0.
381	426	DEAD	0.	0.	0.
381	400	G1	9.932E-08	6.280E-09	-1.182E-08
381	401	G1	1.015E-07	2.773E-08	-1.076E-08
381	427	G1	9.706E-08	2.477E-08	-1.111E-08
381	426	G1	8.888E-08	2.858E-09	-1.218E-08
381	400	G2	-0.9468	-0.1547	-0.0342
381	401	G2	-0.9448	-0.2145	-0.0301
381	427	G2	-0.8976	-0.2149	-0.036
381	426	G2	-0.8997	-0.155	-0.04
381	400	Qm	4.5126	1.0829	-0.3743

Table 27: Element Forces - Area Shells, Part 2 of 3

Area	Joint	OutputCase	M11	M22	M12
			KN-mm/mm	KN-mm/mm	KN-mm/mm
381	401	Qm	4.7186	1.9596	-0.3736
381	427	Qm	4.4464	1.8908	-0.3882
381	426	Qm	4.237	1.0389	-0.3888
381	400	Qs	-2.953E-09	-2.317E-09	-2.432E-10
381	401	Qs	-3.192E-09	-2.625E-09	-2.210E-10
381	427	Qs	-2.969E-09	-2.799E-09	-2.432E-10
381	426	Qs	-3.153E-09	-2.298E-09	-2.653E-10
381	400	T+	0.	0.	0.
381	401	T+	0.	0.	0.
381	427	T+	0.	0.	0.
381	426	T+	0.	0.	0.
381	400	T-	0.	0.	0.
381	401	T-	0.	0.	0.
381	427	T-	0.	0.	0.
381	426	T-	0.	0.	0.
381	400	W	-1.8012	0.1372	0.3074
381	401	W	-1.7783	0.2591	0.2746
381	427	W	-2.3312	0.2239	0.2753
381	426	W	-2.3525	0.1092	0.3081
381	400	Qm-1	5.657	1.4089	-0.3632
381	401	Qm-1	5.8888	2.4972	-0.3631
381	427	Qm-1	5.5558	2.4195	-0.3704
381	426	Qm-1	5.3211	1.352	-0.3706
381	400	Qm-2	0.2769	0.2649	-0.0342
381	401	Qm-2	0.2338	0.39	-0.0151
381	427	Qm-2	0.164	0.3037	0.0049
381	426	Qm-2	0.1762	0.2256	-0.0142
382	401	DEAD	0.	0.	0.
382	402	DEAD	0.	0.	0.
382	428	DEAD	0.	0.	0.
382	427	DEAD	0.	0.	0.
382	401	G1	1.004E-07	2.373E-08	-1.126E-08
382	402	G1	9.665E-08	7.776E-09	-1.162E-08
382	428	G1	9.086E-08	4.578E-09	-1.126E-08
382	427	G1	9.833E-08	2.790E-08	-1.091E-08
382	401	G2	-0.9448	-0.2145	-0.0268
382	402	G2	-0.9463	-0.2758	-0.0227
382	428	G2	-0.8992	-0.2759	-0.0272
382	427	G2	-0.8976	-0.2149	-0.0312
382	401	Qm	4.7185	1.9592	-0.3705
382	402	Qm	4.8948	2.7503	-0.3601
382	428	Qm	4.6258	2.6609	-0.3692
382	427	Qm	4.4463	1.8903	-0.3796
382	401	Qs	-3.121E-09	-2.813E-09	-2.687E-10
382	402	Qs	-3.310E-09	-3.452E-09	-2.909E-10
382	428	Qs	-3.263E-09	-3.386E-09	-2.687E-10
382	427	Qs	-2.969E-09	-2.679E-09	-2.466E-10
382	401	T+	0.	0.	0.
382	402	T+	0.	0.	0.
382	428	T+	0.	0.	0.
382	427	T+	0.	0.	0.
382	401	T-	0.	0.	0.
382	402	T-	0.	0.	0.
382	428	T-	0.	0.	0.

Table 27: Element Forces - Area Shells, Part 2 of 3

Area	Joint	OutputCase	M11	M22	M12
			KN-mm/mm	KN-mm/mm	KN-mm/mm
382	427	T-	0.	0.	0.
382	401	W	-1.7783	0.2592	0.2433
382	402	W	-1.7503	0.4093	0.214
382	428	W	-2.3045	0.3639	0.2147
382	427	W	-2.3312	0.224	0.244
382	401	Qm-1	5.8887	2.497	-0.3609
382	402	Qm-1	5.8185	2.1267	-0.3528
382	428	Qm-1	5.4877	2.0328	-0.3556
382	427	Qm-1	5.5557	2.4193	-0.3636
382	401	Qm-2	0.2337	0.3899	0.0222
382	402	Qm-2	0.2606	0.3797	0.0412
382	428	Qm-2	0.151	0.3393	0.0394
382	427	Qm-2	0.164	0.3035	0.0204
383	402	DEAD	0.	0.	0.
383	403	DEAD	0.	0.	0.
383	429	DEAD	0.	0.	0.
383	428	DEAD	0.	0.	0.
383	402	G1	9.682E-08	8.478E-09	-1.141E-08
383	403	G1	9.295E-08	-6.578E-09	-1.141E-08
383	429	G1	8.826E-08	-4.511E-09	-1.070E-08
383	428	G1	9.105E-08	5.170E-09	-1.070E-08
383	402	G2	-0.9463	-0.2758	-0.0195
383	403	G2	-0.951	-0.337	-0.0156
383	429	G2	-0.9042	-0.3366	-0.0187
383	428	G2	-0.8992	-0.2759	-0.0225
383	402	Qm	4.8947	2.75	-0.3507
383	403	Qm	4.9595	3.0944	-0.3338
383	429	Qm	4.6921	2.9952	-0.3328
383	428	Qm	4.6258	2.6606	-0.3497
383	402	Qs	-3.359E-09	-3.363E-09	-3.199E-10
383	403	Qs	-3.402E-09	-4.116E-09	-3.643E-10
383	429	Qs	-3.534E-09	-4.036E-09	-3.199E-10
383	428	Qs	-3.155E-09	-3.215E-09	-2.756E-10
383	402	T+	0.	0.	0.
383	403	T+	0.	0.	0.
383	429	T+	0.	0.	0.
383	428	T+	0.	0.	0.
383	402	T-	0.	0.	0.
383	403	T-	0.	0.	0.
383	429	T-	0.	0.	0.
383	428	T-	0.	0.	0.
383	402	W	-1.7503	0.4093	0.1871
383	403	W	-1.7172	0.5841	0.1628
383	429	W	-2.2717	0.5245	0.163
383	428	W	-2.3045	0.3639	0.1873
383	402	Qm-1	5.8185	2.1265	-0.345
383	403	Qm-1	5.8026	2.1123	-0.3309
383	429	Qm-1	5.4751	2.007	-0.3267
383	428	Qm-1	5.4877	2.0327	-0.3407
383	402	Qm-2	0.26	0.3767	0.0451
383	403	Qm-2	0.2348	0.3522	0.0453
383	429	Qm-2	0.1422	0.3495	0.0518
383	428	Qm-2	0.1507	0.3382	0.0516
384	403	DEAD	0.	0.	0.

Table 27: Element Forces - Area Shells, Part 2 of 3

Area	Joint	OutputCase	M11	M22	M12
			KN-mm/mm	KN-mm/mm	KN-mm/mm
384	404	DEAD	0.	0.	0.
384	430	DEAD	0.	0.	0.
384	429	DEAD	0.	0.	0.
384	403	G1	9.444E-08	-4.594E-09	-1.182E-08
384	404	G1	9.276E-08	-4.881E-11	-1.147E-08
384	430	G1	8.951E-08	-2.599E-09	-1.111E-08
384	429	G1	8.642E-08	-5.147E-09	-1.147E-08
384	403	G2	-0.951	-0.337	-0.0125
384	404	G2	-0.9585	-0.3971	-0.009
384	430	G2	-0.9119	-0.3958	-0.0108
384	429	G2	-0.9042	-0.3366	-0.0143
384	403	Qm	4.9595	3.0944	-0.3212
384	404	Qm	4.9109	3.003	-0.3029
384	430	Qm	4.6425	2.9072	-0.29
384	429	Qm	4.6921	2.9952	-0.3082
384	403	Qs	-3.392E-09	-4.085E-09	-3.490E-10
384	404	Qs	-3.510E-09	-4.363E-09	-3.711E-10
384	430	Qs	-3.381E-09	-4.096E-09	-3.933E-10
384	429	Qs	-3.571E-09	-4.202E-09	-3.711E-10
384	403	T+	0.	0.	0.
384	404	T+	0.	0.	0.
384	430	T+	0.	0.	0.
384	429	T+	0.	0.	0.
384	403	T-	0.	0.	0.
384	404	T-	0.	0.	0.
384	430	T-	0.	0.	0.
384	429	T-	0.	0.	0.
384	403	W	-1.7172	0.584	0.1413
384	404	W	-1.6806	0.7823	0.1232
384	430	W	-2.2351	0.7068	0.1238
384	429	W	-2.2718	0.5244	0.1419
384	403	Qm-1	5.8026	2.1121	-0.3187
384	404	Qm-1	5.8387	2.4642	-0.3004
384	430	Qm-1	5.5173	2.3519	-0.2877
384	429	Qm-1	5.4751	2.0069	-0.306
384	403	Qm-2	0.2348	0.3522	0.0353
384	404	Qm-2	0.2018	0.4001	0.0353
384	430	Qm-2	0.1027	0.3645	0.053
384	429	Qm-2	0.1422	0.3495	0.053
385	404	DEAD	0.	0.	0.
385	405	DEAD	0.	0.	0.
385	431	DEAD	0.	0.	0.
385	430	DEAD	0.	0.	0.
385	404	G1	9.239E-08	-3.105E-10	-1.192E-08
385	405	G1	9.829E-08	1.372E-08	-1.144E-08
385	431	G1	8.636E-08	8.910E-09	-1.121E-08
385	430	G1	9.137E-08	1.484E-09	-1.108E-08
385	404	G2	-0.9585	-0.3971	-0.0062
385	405	G2	-0.9682	-0.4548	-0.003
385	431	G2	-0.9218	-0.4528	-0.0037
385	430	G2	-0.9119	-0.3958	-0.0069
385	404	Qm	4.9109	3.0031	-0.2912
385	405	Qm	4.7511	2.4767	-0.2766
385	431	Qm	4.4808	2.3949	-0.2529

Table 27: Element Forces - Area Shells, Part 2 of 3

Area	Joint	OutputCase	M11	M22	M12
			KN-mm/mm	KN-mm/mm	KN-mm/mm
385	430	Qm	4.6426	2.9075	-0.2674
385	404	Qs	-3.450E-09	-4.251E-09	-3.984E-10
385	405	Qs	-3.378E-09	-4.627E-09	-4.065E-10
385	431	Qs	-3.497E-09	-4.686E-09	-4.206E-10
385	430	Qs	-3.502E-09	-4.320E-09	-4.509E-10
385	404	T+	0.	0.	0.
385	405	T+	0.	0.	0.
385	431	T+	0.	0.	0.
385	430	T+	0.	0.	0.
385	404	T-	0.	0.	0.
385	405	T-	0.	0.	0.
385	431	T-	0.	0.	0.
385	430	T-	0.	0.	0.
385	404	W	-1.6807	0.7822	0.1075
385	405	W	-1.6428	1.0044	0.0956
385	431	W	-2.1983	0.9151	0.098
385	430	W	-2.2351	0.7066	0.1099
385	404	Qm-1	5.8387	2.4642	-0.2854
385	405	Qm-1	5.9258	3.1884	-0.2647
385	431	Qm-1	5.6126	3.0746	-0.2424
385	430	Qm-1	5.5172	2.3518	-0.2631
385	404	Qm-2	0.2024	0.4031	0.0387
385	405	Qm-2	0.1163	0.4327	0.0568
385	431	Qm-2	0.0662	0.3531	0.0831
385	430	Qm-2	0.1029	0.3656	0.065
386	405	DEAD	0.	0.	0.
386	406	DEAD	0.	0.	0.
386	432	DEAD	0.	0.	0.
386	431	DEAD	0.	0.	0.
386	405	G1	9.685E-08	1.475E-08	-9.159E-09
386	406	G1	9.210E-08	-1.584E-08	-8.095E-09
386	432	G1	8.222E-08	-1.690E-08	-8.450E-09
386	431	G1	8.696E-08	6.322E-09	-9.514E-09
386	405	G2	-0.9682	-0.4548	-4.226E-04
386	406	G2	-0.9796	-0.5093	0.0025
386	432	G2	-0.9331	-0.5066	0.0027
386	431	G2	-0.9218	-0.4528	-2.178E-04
386	405	Qm	4.7512	2.477	-0.2687
386	406	Qm	4.562	1.8883	-0.261
386	432	Qm	4.2911	1.8248	-0.2304
386	431	Qm	4.4809	2.3954	-0.2381
386	405	Qs	-3.249E-09	-4.495E-09	-2.901E-10
386	406	Qs	-3.611E-09	-5.290E-09	-3.426E-10
386	432	Qs	-3.185E-09	-4.908E-09	-4.009E-10
386	431	Qs	-3.644E-09	-4.991E-09	-3.869E-10
386	405	T+	0.	0.	0.
386	406	T+	0.	0.	0.
386	432	T+	0.	0.	0.
386	431	T+	0.	0.	0.
386	405	T-	0.	0.	0.
386	406	T-	0.	0.	0.
386	432	T-	0.	0.	0.
386	431	T-	0.	0.	0.
386	405	W	-1.6428	1.0043	0.0848

Table 27: Element Forces - Area Shells, Part 2 of 3

Area	Joint	OutputCase	M11	M22	M12
			KN-mm/mm	KN-mm/mm	KN-mm/mm
386	406	W	-1.6054	1.2503	0.0773
386	432	W	-2.1647	1.1529	0.0826
386	431	W	-2.1984	0.915	0.0902
386	405	Qm-1	5.9258	3.1884	-0.2486
386	406	Qm-1	5.7041	2.4856	-0.2281
386	432	Qm-1	5.4	2.3774	-0.1959
386	431	Qm-1	5.6126	3.0746	-0.2164
386	405	Qm-2	0.1163	0.4328	0.0928
386	406	Qm-2	0.0986	0.3184	0.1099
386	432	Qm-2	0.0262	0.2914	0.1146
386	431	Qm-2	0.0663	0.3533	0.0975
387	406	DEAD	0.	0.	0.
387	407	DEAD	0.	0.	0.
387	433	DEAD	0.	0.	0.
387	432	DEAD	0.	0.	0.
387	406	G1	9.226E-08	-1.282E-08	-7.616E-09
387	407	G1	8.738E-08	-3.059E-08	-6.552E-09
387	433	G1	7.582E-08	-3.441E-08	-5.488E-09
387	432	G1	8.086E-08	-1.955E-08	-6.552E-09
387	406	G2	-0.9796	-0.5093	0.0048
387	407	G2	-0.9921	-0.5593	0.0075
387	433	G2	-0.9453	-0.5563	0.0085
387	432	G2	-0.9331	-0.5066	0.0058
387	406	Qm	4.5621	1.8887	-0.2581
387	407	Qm	4.4268	1.6063	-0.2574
387	433	Qm	4.1586	1.5584	-0.2245
387	432	Qm	4.2912	1.8252	-0.2252
387	406	Qs	-3.476E-09	-4.983E-09	-3.549E-10
387	407	Qs	-3.235E-09	-5.229E-09	-2.884E-10
387	433	Qs	-3.498E-09	-5.626E-09	-3.106E-10
387	432	Qs	-3.279E-09	-4.919E-09	-3.771E-10
387	406	T+	0.	0.	0.
387	407	T+	0.	0.	0.
387	433	T+	0.	0.	0.
387	432	T+	0.	0.	0.
387	406	T-	0.	0.	0.
387	407	T-	0.	0.	0.
387	433	T-	0.	0.	0.
387	432	T-	0.	0.	0.
387	406	W	-1.6054	1.2503	0.0695
387	407	W	-1.5687	1.5175	0.0634
387	433	W	-2.1345	1.4189	0.0717
387	432	W	-2.1647	1.153	0.0778
387	406	Qm-1	5.7041	2.4857	-0.2129
387	407	Qm-1	5.5357	2.1514	-0.1954
387	433	Qm-1	5.2409	2.0553	-0.1545
387	432	Qm-1	5.4	2.3776	-0.1721
387	406	Qm-2	0.098	0.3154	0.1123
387	407	Qm-2	0.0279	0.1722	0.1089
387	433	Qm-2	-0.0037	0.1928	0.1196
387	432	Qm-2	0.0261	0.2907	0.1231
388	407	DEAD	0.	0.	0.
388	408	DEAD	0.	0.	0.
388	434	DEAD	0.	0.	0.

Table 27: Element Forces - Area Shells, Part 2 of 3

Area	Joint	OutputCase	M11	M22	M12
			KN-mm/mm	KN-mm/mm	KN-mm/mm
388	433	DEAD	0.	0.	0.
388	407	G1	8.715E-08	-2.998E-08	-5.459E-09
388	408	G1	7.708E-08	-3.513E-08	-3.686E-09
388	434	G1	7.527E-08	-3.938E-08	-1.912E-09
388	433	G1	7.521E-08	-3.699E-08	-3.686E-09
388	407	G2	-0.9921	-0.5593	0.0098
388	408	G2	-1.0055	-0.6036	0.0125
388	434	G2	-0.9581	-0.6005	0.0143
388	433	G2	-0.9453	-0.5563	0.0116
388	407	Qm	4.4268	1.6066	-0.2588
388	408	Qm	4.3514	1.6198	-0.2628
388	434	Qm	4.0898	1.5808	-0.2312
388	433	Qm	4.1587	1.5587	-0.2273
388	407	Qs	-3.139E-09	-5.209E-09	-1.979E-10
388	408	Qs	-3.512E-09	-5.429E-09	-1.092E-10
388	434	Qs	-3.305E-09	-5.509E-09	-1.092E-10
388	433	Qs	-3.546E-09	-5.596E-09	-1.979E-10
388	407	T+	0.	0.	0.
388	408	T+	0.	0.	0.
388	434	T+	0.	0.	0.
388	433	T+	0.	0.	0.
388	407	T-	0.	0.	0.
388	408	T-	0.	0.	0.
388	434	T-	0.	0.	0.
388	433	T-	0.	0.	0.
388	407	W	-1.5687	1.5176	0.0565
388	408	W	-1.5314	1.8004	0.0495
388	434	W	-2.1043	1.7049	0.0591
388	433	W	-2.1345	1.4191	0.0661
388	407	Qm-1	5.5357	2.1516	-0.1832
388	408	Qm-1	5.4242	2.1767	-0.1707
388	434	Qm-1	5.1394	2.0968	-0.1236
388	433	Qm-1	5.241	2.0556	-0.136
388	407	Qm-2	0.0283	0.1742	0.0973
388	408	Qm-2	-0.0407	0.0678	0.0862
388	434	Qm-2	-0.046	0.0953	0.1009
388	433	Qm-2	-0.0037	0.1926	0.112
389	408	DEAD	0.	0.	0.
389	409	DEAD	0.	0.	0.
389	435	DEAD	0.	0.	0.
389	434	DEAD	0.	0.	0.
389	408	G1	7.747E-08	-3.598E-08	-2.607E-09
389	409	G1	7.437E-08	-3.332E-08	-3.671E-09
389	435	G1	7.131E-08	-2.849E-08	-1.898E-09
389	434	G1	7.610E-08	-3.745E-08	-8.337E-10
389	408	G2	-1.0055	-0.6036	0.0147
389	409	G2	-1.0196	-0.6407	0.0174
389	435	G2	-0.9715	-0.6377	0.02
389	434	G2	-0.9581	-0.6005	0.0173
389	408	Qm	4.3515	1.6199	-0.2663
389	409	Qm	4.3399	1.9214	-0.2718
389	435	Qm	4.0875	1.8838	-0.2437
389	434	Qm	4.0898	1.5808	-0.2382
389	408	Qs	-3.520E-09	-5.507E-09	-9.301E-11

Table 27: Element Forces - Area Shells, Part 2 of 3

Area	Joint	OutputCase	M11	M22	M12
			KN-mm/mm	KN-mm/mm	KN-mm/mm
389	409	Qs	-3.328E-09	-5.278E-09	-1.595E-10
389	435	Qs	-3.306E-09	-4.972E-09	-1.373E-10
389	434	Qs	-3.353E-09	-5.403E-09	-7.084E-11
389	408	T+	0.	0.	0.
389	409	T+	0.	0.	0.
389	435	T+	0.	0.	0.
389	434	T+	0.	0.	0.
389	408	T-	0.	0.	0.
389	409	T-	0.	0.	0.
389	435	T-	0.	0.	0.
389	434	T-	0.	0.	0.
389	408	W	-1.5314	1.8005	0.042
389	409	W	-1.4911	2.0917	0.0332
389	435	W	-2.0686	1.9995	0.0418
389	434	W	-2.1042	1.7052	0.0506
389	408	Qm-1	5.4242	2.1769	-0.1629
389	409	Qm-1	5.3742	2.5499	-0.1567
389	435	Qm-1	5.0997	2.4879	-0.1061
389	434	Qm-1	5.1394	2.0971	-0.1124
389	408	Qm-2	-0.0407	0.0678	0.0747
389	409	Qm-2	-0.1001	-0.0234	0.0629
389	435	Qm-2	-0.0893	0.0068	0.0768
389	434	Qm-2	-0.0459	0.0957	0.0887
390	409	DEAD	0.	0.	0.
390	410	DEAD	0.	0.	0.
390	436	DEAD	0.	0.	0.
390	435	DEAD	0.	0.	0.
390	409	G1	7.641E-08	-3.049E-08	-4.655E-09
390	410	G1	6.468E-08	-6.931E-08	-5.978E-09
390	436	G1	5.886E-08	-7.145E-08	-3.945E-09
390	435	G1	7.235E-08	-2.565E-08	-3.850E-09
390	409	G2	-1.0196	-0.6407	0.0197
390	410	G2	-1.0341	-0.6694	0.0225
390	436	G2	-0.9853	-0.6663	0.026
390	435	G2	-0.9715	-0.6377	0.0232
390	409	Qm	4.3399	1.9214	-0.275
390	410	Qm	4.3535	2.3085	-0.279
390	436	Qm	4.1115	2.2667	-0.2548
390	435	Qm	4.0875	1.8838	-0.2508
390	409	Qs	-3.464E-09	-5.227E-09	-2.018E-10
390	410	Qs	-3.409E-09	-5.427E-09	-2.542E-10
390	436	Qs	-3.342E-09	-5.349E-09	-2.461E-10
390	435	Qs	-3.240E-09	-5.048E-09	-2.321E-10
390	409	T+	0.	0.	0.
390	410	T+	0.	0.	0.
390	436	T+	0.	0.	0.
390	435	T+	0.	0.	0.
390	409	T-	0.	0.	0.
390	410	T-	0.	0.	0.
390	436	T-	0.	0.	0.
390	435	T-	0.	0.	0.
390	409	W	-1.4911	2.0918	0.0251
390	410	W	-1.4461	2.3849	0.0155
390	436	W	-2.0235	2.2924	0.0211

Table 27: Element Forces - Area Shells, Part 2 of 3

Area	Joint	OutputCase	M11	M22	M12
			KN-mm/mm	KN-mm/mm	KN-mm/mm
390	435	W	-2.0686	1.9996	0.0308
390	409	Qm-1	5.3742	2.5501	-0.1541
390	410	Qm-1	4.9102	0.8587	-0.1546
390	436	Qm-1	4.6452	0.8152	-0.1034
390	435	Qm-1	5.0997	2.4881	-0.1029
390	409	Qm-2	-0.1001	-0.0233	0.0525
390	410	Qm-2	-0.1505	-0.1028	0.042
390	436	Qm-2	-0.1278	-0.0762	0.0538
390	435	Qm-2	-0.0893	0.0069	0.0642
391	410	DEAD	0.	0.	0.
391	411	DEAD	0.	0.	0.
391	437	DEAD	0.	0.	0.
391	436	DEAD	0.	0.	0.
391	410	G1	6.442E-08	-6.980E-08	-5.494E-09
391	411	G1	4.929E-08	-9.863E-08	-6.108E-09
391	437	G1	5.475E-08	-9.790E-08	-3.720E-09
391	436	G1	5.851E-08	-7.061E-08	-4.335E-09
391	410	G2	-1.0341	-0.6694	0.0248
391	411	G2	-1.0487	-0.6882	0.0276
391	437	G2	-0.9992	-0.685	0.032
391	436	G2	-0.9853	-0.6663	0.0292
391	410	Qm	4.3535	2.3085	-0.28
391	411	Qm	4.3521	2.5823	-0.2808
391	437	Qm	4.1202	2.5332	-0.2598
391	436	Qm	4.1115	2.2666	-0.259
391	410	Qs	-3.385E-09	-5.531E-09	-2.525E-10
391	411	Qs	-3.744E-09	-5.220E-09	-3.071E-10
391	437	Qs	-3.092E-09	-5.393E-09	-2.082E-10
391	436	Qs	-3.314E-09	-5.267E-09	-3.071E-10
391	410	T+	0.	0.	0.
391	411	T+	0.	0.	0.
391	437	T+	0.	0.	0.
391	436	T+	0.	0.	0.
391	410	T-	0.	0.	0.
391	411	T-	0.	0.	0.
391	437	T-	0.	0.	0.
391	436	T-	0.	0.	0.
391	410	W	-1.4461	2.3848	0.0077
391	411	W	-1.3968	2.6756	-8.055E-04
391	437	W	-1.9684	2.5792	0.0015
391	436	W	-2.0235	2.2923	0.01
391	410	Qm-1	4.9102	0.859	-0.1575
391	411	Qm-1	4.5167	-0.5085	-0.1649
391	437	Qm-1	4.2595	-0.5339	-0.1157
391	436	Qm-1	4.6452	0.8154	-0.1083
391	410	Qm-2	-0.1505	-0.1029	0.034
391	411	Qm-2	-0.1926	-0.1717	0.0268
391	437	Qm-2	-0.1605	-0.1525	0.0363
391	436	Qm-2	-0.1278	-0.0762	0.0436
392	411	DEAD	0.	0.	0.
392	412	DEAD	0.	0.	0.
392	438	DEAD	0.	0.	0.
392	437	DEAD	0.	0.	0.
392	411	G1	4.641E-08	-1.056E-07	-6.682E-09

Table 27: Element Forces - Area Shells, Part 2 of 3

Area	Joint	OutputCase	M11	M22	M12
			KN-mm/mm	KN-mm/mm	KN-mm/mm
392	412	G1	4.513E-08	-1.166E-07	-8.101E-09
392	438	G1	4.322E-08	-1.226E-07	-7.037E-09
392	437	G1	5.586E-08	-9.164E-08	-5.618E-09
392	411	G2	-1.0487	-0.6882	0.03
392	412	G2	-1.0632	-0.6958	0.0328
392	438	G2	-1.0127	-0.6927	0.038
392	437	G2	-0.9992	-0.685	0.0352
392	411	Qm	4.3521	2.5822	-0.2786
392	412	Qm	4.3347	2.7464	-0.2755
392	438	Qm	4.1115	2.6897	-0.2567
392	437	Qm	4.1202	2.5331	-0.2598
392	411	Qs	-3.788E-09	-5.526E-09	-3.280E-10
392	412	Qs	-3.695E-09	-5.302E-09	-2.734E-10
392	438	Qs	-3.098E-09	-5.334E-09	-3.502E-10
392	437	Qs	-3.105E-09	-5.011E-09	-2.513E-10
392	411	T+	0.	0.	0.
392	412	T+	0.	0.	0.
392	438	T+	0.	0.	0.
392	437	T+	0.	0.	0.
392	411	T-	0.	0.	0.
392	412	T-	0.	0.	0.
392	438	T-	0.	0.	0.
392	437	T-	0.	0.	0.
392	411	W	-1.3968	2.6755	-0.0071
392	412	W	-1.3449	2.9621	-0.0132
392	438	W	-1.9064	2.8612	-0.0132
392	437	W	-1.9685	2.5791	-0.0071
392	411	Qm-1	4.5168	-0.5083	-0.1733
392	412	Qm-1	4.198	-1.5624	-0.1873
392	438	Qm-1	3.947	-1.5712	-0.143
392	437	Qm-1	4.2596	-0.5336	-0.1289
392	411	Qm-2	-0.1926	-0.1718	0.0221
392	412	Qm-2	-0.2283	-0.2281	0.0188
392	438	Qm-2	-0.1888	-0.2174	0.0271
392	437	Qm-2	-0.1605	-0.1526	0.0304
393	412	DEAD	0.	0.	0.
393	413	DEAD	0.	0.	0.
393	439	DEAD	0.	0.	0.
393	438	DEAD	0.	0.	0.
393	412	G1	4.376E-08	-1.202E-07	-7.371E-09
393	413	G1	4.306E-08	-1.324E-07	-8.081E-09
393	439	G1	3.809E-08	-1.284E-07	-7.371E-09
393	438	G1	4.279E-08	-1.220E-07	-6.662E-09
393	412	G2	-1.0632	-0.6958	0.0354
393	413	G2	-1.0772	-0.6911	0.0384
393	439	G2	-1.0254	-0.6882	0.0443
393	438	G2	-1.0127	-0.6926	0.0413
393	412	Qm	4.3347	2.7464	-0.2699
393	413	Qm	4.2999	2.8058	-0.2633
393	439	Qm	4.0839	2.7427	-0.2456
393	438	Qm	4.1115	2.6896	-0.2523
393	412	Qs	-3.629E-09	-5.229E-09	-3.106E-10
393	413	Qs	-3.331E-09	-5.124E-09	-3.327E-10
393	439	Qs	-3.399E-09	-4.877E-09	-3.549E-10

Table 27: Element Forces - Area Shells, Part 2 of 3

Area	Joint	OutputCase	M11	M22	M12
			KN-mm/mm	KN-mm/mm	KN-mm/mm
393	438	Qs	-3.207E-09	-5.298E-09	-3.327E-10
393	412	T+	0.	0.	0.
393	413	T+	0.	0.	0.
393	439	T+	0.	0.	0.
393	438	T+	0.	0.	0.
393	412	T-	0.	0.	0.
393	413	T-	0.	0.	0.
393	439	T-	0.	0.	0.
393	438	T-	0.	0.	0.
393	412	W	-1.3449	2.962	-0.0174
393	413	W	-1.293	3.2433	-0.0213
393	439	W	-1.8408	3.1408	-0.0224
393	438	W	-1.9064	2.8611	-0.0186
393	412	Qm-1	4.1981	-1.5622	-0.2008
393	413	Qm-1	3.9581	-2.3116	-0.2205
393	439	Qm-1	3.7123	-2.3075	-0.1835
393	438	Qm-1	3.9471	-1.571	-0.1638
393	412	Qm-2	-0.2283	-0.2282	0.0176
393	413	Qm-2	-0.2599	-0.2692	0.0182
393	439	Qm-2	-0.2148	-0.2657	0.0265
393	438	Qm-2	-0.1888	-0.2175	0.0259
394	413	DEAD	0.	0.	0.
394	414	DEAD	0.	0.	0.
394	440	DEAD	0.	0.	0.
394	439	DEAD	0.	0.	0.
394	413	G1	4.204E-08	-1.327E-07	-9.624E-09
394	414	G1	3.906E-08	-1.317E-07	-1.033E-08
394	440	G1	3.566E-08	-1.348E-07	-9.624E-09
394	439	G1	3.711E-08	-1.287E-07	-8.914E-09
394	413	G2	-1.0772	-0.6911	0.0411
394	414	G2	-1.0904	-0.6728	0.0444
394	440	G2	-1.0366	-0.6705	0.051
394	439	G2	-1.0254	-0.6882	0.0477
394	413	Qm	4.2999	2.8057	-0.255
394	414	Qm	4.247	2.7653	-0.2457
394	440	Qm	4.0364	2.6986	-0.2283
394	439	Qm	4.0839	2.7427	-0.2376
394	413	Qs	-3.252E-09	-5.064E-09	-3.711E-10
394	414	Qs	-3.167E-09	-4.367E-09	-3.268E-10
394	440	Qs	-3.058E-09	-4.560E-09	-3.711E-10
394	439	Qs	-3.411E-09	-4.988E-09	-4.155E-10
394	413	T+	0.	0.	0.
394	414	T+	0.	0.	0.
394	440	T+	0.	0.	0.
394	439	T+	0.	0.	0.
394	413	T-	0.	0.	0.
394	414	T-	0.	0.	0.
394	440	T-	0.	0.	0.
394	439	T-	0.	0.	0.
394	413	W	-1.293	3.2433	-0.0239
394	414	W	-1.2424	3.5164	-0.0268
394	440	W	-1.7714	3.4176	-0.0289
394	439	W	-1.8408	3.1409	-0.026
394	413	Qm-1	3.9581	-2.3115	-0.2379

Table 27: Element Forces - Area Shells, Part 2 of 3

Area	Joint	OutputCase	M11	M22	M12
			KN-mm/mm	KN-mm/mm	KN-mm/mm
394	414	Qm-1	3.8001	-2.7619	-0.2615
394	440	Qm-1	3.559	-2.7501	-0.2338
394	439	Qm-1	3.7123	-2.3074	-0.2102
394	413	Qm-2	-0.26	-0.2693	0.0199
394	414	Qm-2	-0.2894	-0.2926	0.0232
394	440	Qm-2	-0.2399	-0.2935	0.0325
394	439	Qm-2	-0.2148	-0.2657	0.0291
395	414	DEAD	0.	0.	0.
395	415	DEAD	0.	0.	0.
395	441	DEAD	0.	0.	0.
395	440	DEAD	0.	0.	0.
395	414	G1	3.991E-08	-1.327E-07	-9.923E-09
395	415	G1	3.582E-08	-1.329E-07	-9.569E-09
395	441	G1	3.468E-08	-1.333E-07	-8.505E-09
395	440	G1	3.538E-08	-1.351E-07	-8.859E-09
395	414	G2	-1.0904	-0.6728	0.0477
395	415	G2	-1.1025	-0.6396	0.0515
395	441	G2	-1.0458	-0.6383	0.0587
395	440	G2	-1.0366	-0.6705	0.0548
395	414	Qm	4.247	2.7653	-0.2357
395	415	Qm	4.1754	2.6296	-0.2252
395	441	Qm	3.9688	2.5624	-0.2076
395	440	Qm	4.0364	2.6986	-0.2181
395	414	Qs	-3.199E-09	-4.404E-09	-3.003E-10
395	415	Qs	-3.057E-09	-4.235E-09	-2.559E-10
395	441	Qs	-3.224E-09	-4.329E-09	-2.116E-10
395	440	Qs	-3.049E-09	-4.526E-09	-2.559E-10
395	414	T+	0.	0.	0.
395	415	T+	0.	0.	0.
395	441	T+	0.	0.	0.
395	440	T+	0.	0.	0.
395	414	T-	0.	0.	0.
395	415	T-	0.	0.	0.
395	441	T-	0.	0.	0.
395	440	T-	0.	0.	0.
395	414	W	-1.2424	3.5165	-0.0285
395	415	W	-1.1925	3.7764	-0.0321
395	441	W	-1.6923	3.6862	-0.0369
395	440	W	-1.7713	3.418	-0.0334
395	414	Qm-1	3.8001	-2.7618	-0.2811
395	415	Qm-1	3.7259	-2.9152	-0.3062
395	441	Qm-1	3.4896	-2.9017	-0.289
395	440	Qm-1	3.559	-2.75	-0.2638
395	414	Qm-2	-0.2895	-0.2927	0.0269
395	415	Qm-2	-0.3181	-0.2971	0.0318
395	441	Qm-2	-0.2646	-0.2994	0.0425
395	440	Qm-2	-0.2399	-0.2935	0.0376
396	415	DEAD	0.	0.	0.
396	416	DEAD	0.	0.	0.
396	442	DEAD	0.	0.	0.
396	441	DEAD	0.	0.	0.
396	415	G1	3.611E-08	-1.324E-07	-8.163E-09
396	416	G1	4.122E-08	-1.240E-07	-7.583E-09
396	442	G1	3.221E-08	-1.274E-07	-7.808E-09

Table 27: Element Forces - Area Shells, Part 2 of 3

Area	Joint	OutputCase	M11	M22	M12
			KN-mm/mm	KN-mm/mm	KN-mm/mm
396	441	G1	3.239E-08	-1.351E-07	-9.002E-09
396	415	G2	-1.1025	-0.6396	0.0555
396	416	G2	-1.1133	-0.59	0.0602
396	442	G2	-1.052	-0.5902	0.0678
396	441	G2	-1.0458	-0.6382	0.0631
396	415	Qm	4.1754	2.6296	-0.2149
396	416	Qm	4.0855	2.4022	-0.2046
396	442	Qm	3.8812	2.3381	-0.1865
396	441	Qm	3.9688	2.5624	-0.1967
396	415	Qs	-2.989E-09	-4.049E-09	-1.403E-10
396	416	Qs	-3.098E-09	-4.173E-09	-8.193E-11
396	442	Qs	-3.117E-09	-4.021E-09	-5.165E-11
396	441	Qs	-3.378E-09	-4.708E-09	-1.484E-10
396	415	T+	0.	0.	0.
396	416	T+	0.	0.	0.
396	442	T+	0.	0.	0.
396	441	T+	0.	0.	0.
396	415	T-	0.	0.	0.
396	416	T-	0.	0.	0.
396	442	T-	0.	0.	0.
396	441	T-	0.	0.	0.
396	415	W	-1.1925	3.7764	-0.0332
396	416	W	-1.1426	4.0181	-0.038
396	442	W	-1.5904	3.9412	-0.0489
396	441	W	-1.6922	3.6867	-0.0441
396	415	Qm-1	3.7259	-2.9153	-0.3262
396	416	Qm-1	3.736	-2.7696	-0.3506
396	442	Qm-1	3.5044	-2.7598	-0.3438
396	441	Qm-1	3.4895	-2.9017	-0.3194
396	415	Qm-2	-0.3181	-0.2971	0.0363
396	416	Qm-2	-0.3467	-0.2834	0.0415
396	442	Qm-2	-0.2896	-0.2841	0.0539
396	441	Qm-2	-0.2646	-0.2994	0.0486
397	416	DEAD	0.	0.	0.
397	417	DEAD	0.	0.	0.
397	443	DEAD	0.	0.	0.
397	442	DEAD	0.	0.	0.
397	416	G1	4.180E-08	-1.219E-07	-7.773E-09
397	417	G1	4.042E-08	-1.138E-07	-7.289E-09
397	443	G1	3.120E-08	-1.132E-07	-6.355E-09
397	442	G1	3.004E-08	-1.285E-07	-6.225E-09
397	416	G2	-1.1133	-0.59	0.0653
397	417	G2	-1.1225	-0.5226	0.0712
397	443	G2	-1.0537	-0.5248	0.079
397	442	G2	-1.052	-0.5901	0.0731
397	416	Qm	4.0855	2.4022	-0.1953
397	417	Qm	3.9781	2.0857	-0.1869
397	443	Qm	3.7747	2.0282	-0.1684
397	442	Qm	3.8812	2.3381	-0.1768
397	416	Qs	-2.997E-09	-3.957E-09	-5.939E-12
397	417	Qs	-3.038E-09	-3.901E-09	1.623E-11
397	443	Qs	-3.512E-09	-3.940E-09	8.272E-11
397	442	Qs	-3.274E-09	-4.280E-09	6.056E-11
397	416	T+	0.	0.	0.

Table 27: Element Forces - Area Shells, Part 2 of 3

Area	Joint	OutputCase	M11	M22	M12
			KN-mm/mm	KN-mm/mm	KN-mm/mm
397	417	T+	0.	0.	0.
397	443	T+	0.	0.	0.
397	442	T+	0.	0.	0.
397	416	T-	0.	0.	0.
397	417	T-	0.	0.	0.
397	443	T-	0.	0.	0.
397	442	T-	0.	0.	0.
397	416	W	-1.1427	4.0177	-0.0405
397	417	W	-1.1008	4.243	-0.0474
397	443	W	-1.4558	4.1922	-0.0644
397	442	W	-1.5904	3.9412	-0.0574
397	416	Qm-1	3.736	-2.7697	-0.3691
397	417	Qm-1	3.8294	-2.3195	-0.3907
397	443	Qm-1	3.6023	-2.3172	-0.3934
397	442	Qm-1	3.5044	-2.7599	-0.3718
397	416	Qm-2	-0.3467	-0.2834	0.0457
397	417	Qm-2	-0.3753	-0.2537	0.0499
397	443	Qm-2	-0.315	-0.2501	0.0638
397	442	Qm-2	-0.2896	-0.284	0.0596
398	417	DEAD	0.	0.	0.
398	418	DEAD	0.	0.	0.
398	444	DEAD	0.	0.	0.
398	443	DEAD	0.	0.	0.
398	417	G1	4.091E-08	-1.100E-07	-7.017E-09
398	418	G1	4.507E-08	-8.085E-08	-7.017E-09
398	444	G1	4.233E-08	-7.950E-08	-7.726E-09
398	443	G1	3.141E-08	-1.129E-07	-7.726E-09
398	417	G2	-1.1225	-0.5227	0.0779
398	418	G2	-1.1301	-0.4355	0.0856
398	444	G2	-1.0484	-0.4403	0.0933
398	443	G2	-1.0537	-0.5247	0.0856
398	417	Qm	3.9781	2.0858	-0.1799
398	418	Qm	3.8547	1.6818	-0.1748
398	444	Qm	3.6508	1.6337	-0.1566
398	443	Qm	3.7747	2.0282	-0.1616
398	417	Qs	-3.002E-09	-3.565E-09	1.152E-10
398	418	Qs	-3.067E-09	-2.959E-09	1.211E-10
398	444	Qs	-2.838E-09	-2.947E-09	1.152E-10
398	443	Qs	-3.513E-09	-3.793E-09	3.245E-11
398	417	T+	0.	0.	0.
398	418	T+	0.	0.	0.
398	444	T+	0.	0.	0.
398	443	T+	0.	0.	0.
398	417	T-	0.	0.	0.
398	418	T-	0.	0.	0.
398	444	T-	0.	0.	0.
398	443	T-	0.	0.	0.
398	417	W	-1.1017	4.2383	-0.0553
398	418	W	-1.0989	4.4931	-0.0639
398	444	W	-1.2581	4.476	-0.0832
398	443	W	-1.4555	4.1939	-0.0746
398	417	Qm-1	3.8293	-2.3196	-0.4067
398	418	Qm-1	4.0042	-1.5562	-0.4246
398	444	Qm-1	3.7808	-1.5626	-0.435

Table 27: Element Forces - Area Shells, Part 2 of 3

Area	Joint	OutputCase	M11	M22	M12
			KN-mm/mm	KN-mm/mm	KN-mm/mm
398	443	Qm-1	3.6023	-2.3174	-0.4171
398	417	Qm-2	-0.3753	-0.2536	0.0529
398	418	Qm-2	-0.4033	-0.2119	0.0554
398	444	Qm-2	-0.3403	-0.2025	0.0702
398	443	Qm-2	-0.315	-0.25	0.0678
399	418	DEAD	0.	0.	0.
399	419	DEAD	0.	0.	0.
399	445	DEAD	0.	0.	0.
399	444	DEAD	0.	0.	0.
399	418	G1	4.504E-08	-8.015E-08	-7.891E-09
399	419	G1	5.579E-08	-4.457E-08	-8.340E-09
399	445	G1	4.787E-08	-4.255E-08	-9.309E-09
399	444	G1	4.187E-08	-8.013E-08	-7.631E-09
399	418	G2	-1.1302	-0.4358	0.0945
399	419	G2	-1.1399	-0.3247	0.105
399	445	G2	-1.0313	-0.3328	0.1126
399	444	G2	-1.0484	-0.4401	0.102
399	418	Qm	3.8548	1.6819	-0.1713
399	419	Qm	3.7176	1.1911	-0.1707
399	445	Qm	3.5118	1.1546	-0.1536
399	444	Qm	3.6508	1.6338	-0.1542
399	418	Qs	-3.038E-09	-2.938E-09	1.130E-10
399	419	Qs	-2.730E-09	-2.173E-09	6.273E-11
399	445	Qs	-2.748E-09	-1.882E-09	2.174E-12
399	444	Qs	-2.883E-09	-2.935E-09	1.292E-10
399	418	T+	0.	0.	0.
399	419	T+	0.	0.	0.
399	445	T+	0.	0.	0.
399	444	T+	0.	0.	0.
399	418	T-	0.	0.	0.
399	419	T-	0.	0.	0.
399	445	T-	0.	0.	0.
399	444	T-	0.	0.	0.
399	418	W	-1.1025	4.4754	-0.1135
399	419	W	-1.477	4.8062	-0.1446
399	445	W	-0.9674	5.0267	-0.0905
399	444	W	-1.2584	4.4749	-0.0594
399	418	Qm-1	4.0042	-1.5564	-0.4378
399	419	Qm-1	4.2584	-0.4703	-0.4523
399	445	Qm-1	4.0368	-0.4832	-0.4683
399	444	Qm-1	3.7807	-1.5628	-0.4538
399	418	Qm-2	-0.4032	-0.2118	0.0568
399	419	Qm-2	-0.4297	-0.1626	0.0572
399	445	Qm-2	-0.3642	-0.1486	0.072
399	444	Qm-2	-0.3403	-0.2024	0.0716
400	419	DEAD	0.	0.	0.
400	420	DEAD	0.	0.	0.
400	446	DEAD	0.	0.	0.
400	445	DEAD	0.	0.	0.
400	419	G1	5.543E-08	-4.459E-08	-9.439E-09
400	420	G1	5.918E-08	-6.681E-09	-1.005E-08
400	446	G1	5.450E-08	-7.751E-09	-8.375E-09
400	445	G1	4.645E-08	-4.689E-08	-8.989E-09
400	419	G2	-1.1399	-0.3245	0.1146

Table 27: Element Forces - Area Shells, Part 2 of 3

Area	Joint	OutputCase	M11	M22	M12
			KN-mm/mm	KN-mm/mm	KN-mm/mm
400	420	G2	-1.1633	-0.1945	0.1238
400	446	G2	-1.0089	-0.176	0.136
400	445	G2	-1.0317	-0.3349	0.1267
400	419	Qm	3.7176	1.1912	-0.1716
400	420	Qm	3.5694	0.6137	-0.1763
400	446	Qm	3.3606	0.5897	-0.1615
400	445	Qm	3.5118	1.1547	-0.1568
400	419	Qs	-2.698E-09	-2.167E-09	-3.919E-11
400	420	Qs	-2.845E-09	-1.519E-09	-2.970E-12
400	446	Qs	-2.842E-09	-1.690E-09	1.160E-10
400	445	Qs	-2.776E-09	-2.170E-09	4.136E-11
400	419	T+	0.	0.	0.
400	420	T+	0.	0.	0.
400	446	T+	0.	0.	0.
400	445	T+	0.	0.	0.
400	419	T-	0.	0.	0.
400	420	T-	0.	0.	0.
400	446	T-	0.	0.	0.
400	445	T-	0.	0.	0.
400	419	W	-1.4464	4.9594	-0.4401
400	420	W	-1.6371	4.0322	-1.2213
400	446	W	-2.4486	7.9426	-0.7901
400	445	W	-1.0287	4.7199	-0.009
400	419	Qm-1	4.2584	-0.4704	-0.4635
400	420	Qm-1	4.5907	0.9473	-0.4763
400	446	Qm-1	4.3682	0.9329	-0.4965
400	445	Qm-1	4.0368	-0.4833	-0.4837
400	419	Qm-2	-0.4297	-0.1626	0.0575
400	420	Qm-2	-0.4541	-0.1102	0.0571
400	446	Qm-2	-0.3849	-0.0953	0.0709
400	445	Qm-2	-0.3642	-0.1485	0.0713
401	420	DEAD	0.	0.	0.
401	421	DEAD	0.	0.	0.
401	447	DEAD	0.	0.	0.
401	446	DEAD	0.	0.	0.
401	420	G1	5.893E-08	-8.290E-09	-8.934E-09
401	421	G1	5.895E-08	-1.022E-08	-9.289E-09
401	447	G1	5.259E-08	-1.339E-08	-9.289E-09
401	446	G1	5.625E-08	-7.777E-09	-8.934E-09
401	420	G2	-1.1632	-0.194	0.1237
401	421	G2	-1.1784	-0.0787	0.1192
401	447	G2	-1.0367	-0.0185	0.1395
401	446	G2	-1.0084	-0.1732	0.144
401	420	Qm	3.5694	0.6138	-0.1819
401	421	Qm	3.4527	0.1498	-0.192
401	447	Qm	3.2406	0.1384	-0.1809
401	446	Qm	3.3606	0.5899	-0.1707
401	420	Qs	-2.832E-09	-1.720E-09	4.993E-11
401	421	Qs	-2.570E-09	-9.427E-10	8.833E-11
401	447	Qs	-2.901E-09	-1.069E-09	1.164E-10
401	446	Qs	-2.919E-09	-1.890E-09	1.548E-10
401	420	T+	0.	0.	0.
401	421	T+	0.	0.	0.
401	447	T+	0.	0.	0.

Table 27: Element Forces - Area Shells, Part 2 of 3

Area	Joint	OutputCase	M11	M22	M12
			KN-mm/mm	KN-mm/mm	KN-mm/mm
401	446	T+	0.	0.	0.
401	420	T-	0.	0.	0.
401	421	T-	0.	0.	0.
401	447	T-	0.	0.	0.
401	446	T-	0.	0.	0.
401	420	W	-1.786	3.2878	-2.3884
401	421	W	-0.9049	4.3372	-1.9228
401	447	W	-4.162	-5.2499	-2.2554
401	446	W	-2.0499	9.9361	-2.721
401	420	Qm-1	4.5907	0.9473	-0.4873
401	421	Qm-1	4.5212	0.3031	-0.5009
401	447	Qm-1	4.2956	0.2935	-0.5248
401	446	Qm-1	4.3682	0.933	-0.5111
401	420	Qm-2	-0.4541	-0.1102	0.0574
401	421	Qm-2	-0.4764	-0.0565	0.0582
401	447	Qm-2	-0.4028	-0.0465	0.0708
401	446	Qm-2	-0.3849	-0.0954	0.07
402	421	DEAD	0.	0.	0.
402	422	DEAD	0.	0.	0.
402	448	DEAD	0.	0.	0.
402	447	DEAD	0.	0.	0.
402	421	G1	5.923E-08	-9.752E-09	-9.604E-09
402	422	G1	6.123E-08	-5.073E-10	-1.102E-08
402	448	G1	5.480E-08	6.549E-13	-1.067E-08
402	447	G1	5.410E-08	-6.403E-09	-9.249E-09
402	421	G2	-1.1785	-0.0793	0.1194
402	422	G2	-1.2102	-8.711E-04	0.1208
402	448	G2	-0.9872	0.0026	0.1213
402	447	G2	-1.0363	-0.0166	0.1198
402	421	Qm	3.4527	0.1499	-0.2025
402	422	Qm	3.4112	5.214E-04	-0.218
402	448	Qm	3.194	3.585E-04	-0.2116
402	447	Qm	3.2406	0.1385	-0.1962
402	421	Qs	-2.600E-09	-1.017E-09	8.787E-11
402	422	Qs	-2.699E-09	3.506E-11	3.542E-11
402	448	Qs	-2.675E-09	-6.114E-11	6.570E-11
402	447	Qs	-2.898E-09	-7.629E-10	7.975E-11
402	421	T+	0.	0.	0.
402	422	T+	0.	0.	0.
402	448	T+	0.	0.	0.
402	447	T+	0.	0.	0.
402	421	T-	0.	0.	0.
402	422	T-	0.	0.	0.
402	448	T-	0.	0.	0.
402	447	T-	0.	0.	0.
402	421	W	-1.6661	0.5307	-2.2211
402	422	W	-0.1896	0.7524	-3.8343
402	448	W	-3.2029	-1.9072	-4.1932
402	447	W	-1.02	10.4604	-2.58
402	421	Qm-1	4.5212	0.3032	-0.5136
402	422	Qm-1	4.5327	5.478E-04	-0.5306
402	448	Qm-1	4.3014	3.469E-04	-0.5591
402	447	Qm-1	4.2956	0.2937	-0.542
402	421	Qm-2	-0.4764	-0.0566	0.0603

Table 27: Element Forces - Area Shells, Part 2 of 3

Area	Joint	OutputCase	M11	M22	M12
			KN-mm/mm	KN-mm/mm	KN-mm/mm
402	422	Qm-2	-0.4995	-1.711E-04	0.0646
402	448	Qm-2	-0.4197	2.932E-05	0.0772
402	447	Qm-2	-0.4029	-0.0467	0.0729
403	423	DEAD	0.	0.	0.
403	424	DEAD	0.	0.	0.
403	450	DEAD	0.	0.	0.
403	449	DEAD	0.	0.	0.
403	423	G1	8.951E-08	-1.215E-09	-8.567E-09
403	424	G1	8.916E-08	-4.295E-09	-1.021E-08
403	450	G1	8.167E-08	-5.338E-09	-1.211E-08
403	449	G1	7.825E-08	2.887E-09	-9.856E-09
403	423	G2	-0.9302	-1.086E-04	-0.0762
403	424	G2	-0.9158	-0.0459	-0.071
403	450	G2	-0.8532	-0.0457	-0.0808
403	449	G2	-0.8675	-1.014E-04	-0.086
403	423	Qm	3.9607	7.284E-04	-0.2937
403	424	Qm	3.9896	0.1166	-0.3241
403	450	Qm	3.6046	0.1087	-0.3266
403	449	Qm	3.5768	7.111E-04	-0.2962
403	423	Qs	-2.624E-09	-1.572E-10	-2.406E-10
403	424	Qs	-2.468E-09	-5.255E-10	-2.466E-10
403	450	Qs	-2.394E-09	-6.698E-10	-3.736E-10
403	449	Qs	-2.243E-09	1.976E-10	-2.909E-10
403	423	T+	0.	0.	0.
403	424	T+	0.	0.	0.
403	450	T+	0.	0.	0.
403	449	T+	0.	0.	0.
403	423	T-	0.	0.	0.
403	424	T-	0.	0.	0.
403	450	T-	0.	0.	0.
403	449	T-	0.	0.	0.
403	423	W	-2.4029	-1.690E-04	0.5263
403	424	W	-2.3879	-0.0106	0.486
403	450	W	-2.9042	-0.0249	0.4768
403	449	W	-2.9268	-5.140E-04	0.5171
403	423	Qm-1	5.0208	9.309E-04	-0.2625
403	424	Qm-1	5.0465	0.1665	-0.2986
403	450	Qm-1	4.5688	0.1474	-0.2973
403	449	Qm-1	4.5379	7.949E-04	-0.2613
403	423	Qm-2	0.2236	-1.807E-04	-0.0021
403	424	Qm-2	0.2132	0.045	-0.0049
403	450	Qm-2	0.1732	0.0426	0.0034
403	449	Qm-2	0.185	-2.773E-04	0.0061
404	424	DEAD	0.	0.	0.
404	425	DEAD	0.	0.	0.
404	451	DEAD	0.	0.	0.
404	450	DEAD	0.	0.	0.
404	424	G1	9.030E-08	-3.101E-09	-1.277E-08
404	425	G1	8.453E-08	-1.200E-08	-1.286E-08
404	451	G1	8.152E-08	-7.623E-09	-1.242E-08
404	450	G1	8.138E-08	-4.330E-09	-1.109E-08
404	424	G2	-0.9158	-0.0459	-0.0665
404	425	G2	-0.9058	-0.098	-0.0613
404	451	G2	-0.8431	-0.0981	-0.0698

Table 27: Element Forces - Area Shells, Part 2 of 3

Area	Joint	OutputCase	M11	M22	M12
			KN-mm/mm	KN-mm/mm	KN-mm/mm
404	450	G2	-0.8532	-0.0457	-0.075
404	424	Qm	3.9895	0.1164	-0.3482
404	425	Qm	4.0828	0.4568	-0.3726
404	451	Qm	3.6956	0.4273	-0.3835
404	450	Qm	3.6046	0.1087	-0.3591
404	424	Qs	-2.317E-09	-6.391E-10	-3.549E-10
404	425	Qs	-2.928E-09	-1.724E-09	-3.165E-10
404	451	Qs	-2.539E-09	-1.415E-09	-3.106E-10
404	450	Qs	-2.418E-09	-7.043E-10	-2.722E-10
404	424	T+	0.	0.	0.
404	425	T+	0.	0.	0.
404	451	T+	0.	0.	0.
404	450	T+	0.	0.	0.
404	424	T-	0.	0.	0.
404	425	T-	0.	0.	0.
404	451	T-	0.	0.	0.
404	450	T-	0.	0.	0.
404	424	W	-2.3879	-0.0106	0.4465
404	425	W	-2.3708	0.0279	0.4112
404	451	W	-2.885	0.0057	0.4065
404	450	W	-2.9042	-0.025	0.4418
404	424	Qm-1	5.0464	0.1662	-0.3254
404	425	Qm-1	5.1489	0.6098	-0.3506
404	451	Qm-1	4.6757	0.5595	-0.3586
404	450	Qm-1	4.5688	0.1472	-0.3334
404	424	Qm-2	0.2131	0.0447	-0.0092
404	425	Qm-2	0.2004	0.1239	-0.01
404	451	Qm-2	0.1564	0.1134	0.0024
404	450	Qm-2	0.1732	0.0426	0.0032
405	425	DEAD	0.	0.	0.
405	426	DEAD	0.	0.	0.
405	452	DEAD	0.	0.	0.
405	451	DEAD	0.	0.	0.
405	425	G1	8.458E-08	-6.903E-09	-1.325E-08
405	426	G1	9.226E-08	2.024E-09	-1.290E-08
405	452	G1	7.869E-08	-2.337E-09	-1.255E-08
405	451	G1	8.344E-08	-8.039E-09	-1.290E-08
405	425	G2	-0.9058	-0.0981	-0.0567
405	426	G2	-0.8997	-0.155	-0.0513
405	452	G2	-0.837	-0.1554	-0.0586
405	451	G2	-0.8431	-0.0981	-0.064
405	425	Qm	4.0827	0.4565	-0.389
405	426	Qm	4.2372	1.0394	-0.4017
405	452	Qm	3.8497	0.9751	-0.4189
405	451	Qm	3.6956	0.427	-0.4062
405	425	Qs	-2.813E-09	-1.233E-09	-3.037E-10
405	426	Qs	-2.929E-09	-2.616E-09	-2.815E-10
405	452	Qs	-2.921E-09	-2.371E-09	-2.594E-10
405	451	Qs	-2.605E-09	-1.593E-09	-2.815E-10
405	425	T+	0.	0.	0.
405	426	T+	0.	0.	0.
405	452	T+	0.	0.	0.
405	451	T+	0.	0.	0.
405	425	T-	0.	0.	0.

Table 27: Element Forces - Area Shells, Part 2 of 3

Area	Joint	OutputCase	M11	M22	M12
			KN-mm/mm	KN-mm/mm	KN-mm/mm
405	426	T-	0.	0.	0.
405	452	T-	0.	0.	0.
405	451	T-	0.	0.	0.
405	425	W	-2.3708	0.028	0.3753
405	426	W	-2.3526	0.109	0.3422
405	452	W	-2.8681	0.0843	0.3416
405	451	W	-2.8849	0.0058	0.3747
405	425	Qm-1	5.1488	0.6093	-0.3667
405	426	Qm-1	5.321	1.3523	-0.3773
405	452	Qm-1	4.8526	1.2655	-0.3897
405	451	Qm-1	4.6755	0.5589	-0.379
405	425	Qm-2	0.2005	0.1243	-0.0109
405	426	Qm-2	0.1781	0.2253	-0.0063
405	452	Qm-2	0.1369	0.1964	0.0101
405	451	Qm-2	0.1565	0.1138	0.0054
406	426	DEAD	0.	0.	0.
406	427	DEAD	0.	0.	0.
406	453	DEAD	0.	0.	0.
406	452	DEAD	0.	0.	0.
406	426	G1	9.314E-08	2.513E-09	-1.188E-08
406	427	G1	9.198E-08	2.437E-08	-1.152E-08
406	453	G1	8.879E-08	2.441E-08	-1.188E-08
406	452	G1	7.797E-08	-2.051E-09	-1.223E-08
406	426	G2	-0.8997	-0.155	-0.0466
406	427	G2	-0.8976	-0.2149	-0.0411
406	453	G2	-0.8348	-0.2156	-0.047
406	452	G2	-0.837	-0.1554	-0.0525
406	426	Qm	4.2371	1.039	-0.4063
406	427	Qm	4.4464	1.8908	-0.4032
406	453	Qm	4.0613	1.7857	-0.4216
406	452	Qm	3.8496	0.9745	-0.4247
406	426	Qs	-2.914E-09	-2.252E-09	-2.815E-10
406	427	Qs	-2.982E-09	-2.744E-09	-2.815E-10
406	453	Qs	-2.955E-09	-2.792E-09	-2.815E-10
406	452	Qs	-2.935E-09	-2.309E-09	-2.815E-10
406	426	T+	0.	0.	0.
406	427	T+	0.	0.	0.
406	453	T+	0.	0.	0.
406	452	T+	0.	0.	0.
406	426	T-	0.	0.	0.
406	427	T-	0.	0.	0.
406	453	T-	0.	0.	0.
406	452	T-	0.	0.	0.
406	426	W	-2.3526	0.1092	0.3086
406	427	W	-2.3312	0.2239	0.2763
406	453	W	-2.8503	0.1963	0.2776
406	452	W	-2.8681	0.0846	0.3099
406	426	Qm-1	5.3209	1.3519	-0.3813
406	427	Qm-1	5.5556	2.4195	-0.3775
406	453	Qm-1	5.0889	2.3015	-0.388
406	452	Qm-1	4.8524	1.2648	-0.3917
406	426	Qm-2	0.1783	0.2261	0.0039
406	427	Qm-2	0.161	0.3031	0.0145
406	453	Qm-2	0.122	0.2652	0.0273

Table 27: Element Forces - Area Shells, Part 2 of 3

Area	Joint	OutputCase	M11	M22	M12
			KN-mm/mm	KN-mm/mm	KN-mm/mm
406	452	Qm-2	0.137	0.1968	0.0166
407	427	DEAD	0.	0.	0.
407	428	DEAD	0.	0.	0.
407	454	DEAD	0.	0.	0.
407	453	DEAD	0.	0.	0.
407	427	G1	9.445E-08	2.822E-08	-1.177E-08
407	428	G1	9.231E-08	3.333E-09	-1.070E-08
407	454	G1	7.893E-08	-4.211E-10	-1.035E-08
407	453	G1	8.814E-08	2.293E-08	-1.141E-08
407	427	G2	-0.8976	-0.2149	-0.0364
407	428	G2	-0.8992	-0.2759	-0.0309
407	454	G2	-0.8365	-0.2764	-0.0353
407	453	G2	-0.8348	-0.2156	-0.0408
407	427	Qm	4.4463	1.8903	-0.3946
407	428	Qm	4.6256	2.6609	-0.3755
407	454	Qm	4.244	2.5215	-0.3882
407	453	Qm	4.0612	1.7851	-0.4072
407	427	Qs	-3.017E-09	-2.571E-09	-2.397E-10
407	428	Qs	-3.091E-09	-3.481E-09	-2.176E-10
407	454	Qs	-3.208E-09	-3.327E-09	-1.954E-10
407	453	Qs	-2.894E-09	-2.830E-09	-2.176E-10
407	427	T+	0.	0.	0.
407	428	T+	0.	0.	0.
407	454	T+	0.	0.	0.
407	453	T+	0.	0.	0.
407	427	T-	0.	0.	0.
407	428	T-	0.	0.	0.
407	454	T-	0.	0.	0.
407	453	T-	0.	0.	0.
407	427	W	-2.3311	0.224	0.245
407	428	W	-2.3044	0.3639	0.2149
407	454	W	-2.8268	0.3276	0.2157
407	453	W	-2.8503	0.1966	0.2458
407	427	Qm-1	5.5556	2.4193	-0.3706
407	428	Qm-1	5.4877	2.0328	-0.3562
407	454	Qm-1	5.0197	1.8947	-0.3607
407	453	Qm-1	5.0889	2.3013	-0.3751
407	427	Qm-2	0.161	0.3029	0.0297
407	428	Qm-2	0.1529	0.3397	0.0416
407	454	Qm-2	0.1137	0.305	0.0482
407	453	Qm-2	0.122	0.265	0.0363
408	428	DEAD	0.	0.	0.
408	429	DEAD	0.	0.	0.
408	455	DEAD	0.	0.	0.
408	454	DEAD	0.	0.	0.
408	428	G1	9.168E-08	3.651E-09	-1.044E-08
408	429	G1	8.863E-08	-3.642E-09	-1.044E-08
408	455	G1	7.860E-08	-8.540E-09	-1.044E-08
408	454	G1	8.150E-08	5.357E-09	-1.044E-08
408	428	G2	-0.8992	-0.2759	-0.0262
408	429	G2	-0.9042	-0.3366	-0.021
408	455	G2	-0.8418	-0.3362	-0.0239
408	454	G2	-0.8365	-0.2764	-0.0291
408	428	Qm	4.6256	2.6606	-0.3559

Table 27: Element Forces - Area Shells, Part 2 of 3

Area	Joint	OutputCase	M11	M22	M12
			KN-mm/mm	KN-mm/mm	KN-mm/mm
408	429	Qm	4.6918	2.9952	-0.3262
408	455	Qm	4.312	2.8402	-0.327
408	454	Qm	4.2439	2.5211	-0.3566
408	428	Qs	-3.107E-09	-3.254E-09	-2.466E-10
408	429	Qs	-3.515E-09	-4.024E-09	-2.909E-10
408	455	Qs	-2.974E-09	-3.852E-09	-2.909E-10
408	454	Qs	-3.066E-09	-3.043E-09	-2.466E-10
408	428	T+	0.	0.	0.
408	429	T+	0.	0.	0.
408	455	T+	0.	0.	0.
408	454	T+	0.	0.	0.
408	428	T-	0.	0.	0.
408	429	T-	0.	0.	0.
408	455	T-	0.	0.	0.
408	454	T-	0.	0.	0.
408	428	W	-2.3044	0.3639	0.1875
408	429	W	-2.2717	0.5246	0.1625
408	455	W	-2.7955	0.4714	0.1618
408	454	W	-2.8268	0.3276	0.1868
408	428	Qm-1	5.4877	2.0327	-0.3412
408	429	Qm-1	5.4753	2.007	-0.3199
408	455	Qm-1	5.0091	1.8556	-0.3178
408	454	Qm-1	5.0197	1.895	-0.3391
408	428	Qm-2	0.1527	0.3386	0.0527
408	429	Qm-2	0.1417	0.3494	0.0615
408	455	Qm-2	0.1016	0.3253	0.0676
408	454	Qm-2	0.1136	0.3045	0.0587
409	429	DEAD	0.	0.	0.
409	430	DEAD	0.	0.	0.
409	456	DEAD	0.	0.	0.
409	455	DEAD	0.	0.	0.
409	429	G1	8.877E-08	-4.945E-09	-1.065E-08
409	430	G1	8.869E-08	-2.366E-09	-1.136E-08
409	456	G1	7.627E-08	-4.679E-09	-1.065E-08
409	455	G1	7.911E-08	-4.494E-09	-9.938E-09
409	429	G2	-0.9042	-0.3366	-0.0166
409	430	G2	-0.9119	-0.3958	-0.0119
409	456	G2	-0.85	-0.3941	-0.0134
409	455	G2	-0.8418	-0.3362	-0.0182
409	429	Qm	4.6918	2.9952	-0.3014
409	430	Qm	4.6424	2.9071	-0.2702
409	456	Qm	4.2618	2.7602	-0.2564
409	455	Qm	4.312	2.8402	-0.2876
409	429	Qs	-3.530E-09	-4.163E-09	-3.652E-10
409	430	Qs	-3.393E-09	-4.130E-09	-4.538E-10
409	456	Qs	-3.236E-09	-4.024E-09	-4.538E-10
409	455	Qs	-2.933E-09	-3.692E-09	-3.652E-10
409	429	T+	0.	0.	0.
409	430	T+	0.	0.	0.
409	456	T+	0.	0.	0.
409	455	T+	0.	0.	0.
409	429	T-	0.	0.	0.
409	430	T-	0.	0.	0.
409	456	T-	0.	0.	0.

Table 27: Element Forces - Area Shells, Part 2 of 3

Area	Joint	OutputCase	M11	M22	M12
			KN-mm/mm	KN-mm/mm	KN-mm/mm
409	455	T-	0.	0.	0.
409	429	W	-2.2717	0.5244	0.1413
409	430	W	-2.2352	0.7068	0.1243
409	456	W	-2.7592	0.6321	0.1234
409	455	W	-2.7956	0.4712	0.1404
409	429	Qm-1	5.4752	2.0069	-0.2991
409	430	Qm-1	5.5174	2.3519	-0.2724
409	456	Qm-1	5.0602	2.1905	-0.2636
409	455	Qm-1	5.0091	1.8555	-0.2903
409	429	Qm-2	0.1417	0.3494	0.0653
409	430	Qm-2	0.1046	0.3649	0.0742
409	456	Qm-2	0.0794	0.3334	0.0875
409	455	Qm-2	0.1016	0.3252	0.0786
410	430	DEAD	0.	0.	0.
410	431	DEAD	0.	0.	0.
410	457	DEAD	0.	0.	0.
410	456	DEAD	0.	0.	0.
410	430	G1	9.021E-08	2.778E-09	-1.033E-08
410	431	G1	8.811E-08	7.610E-09	-9.269E-09
410	457	G1	7.948E-08	6.590E-09	-8.914E-09
410	456	G1	7.544E-08	-6.842E-09	-9.978E-09
410	430	G2	-0.9119	-0.3958	-0.008
410	431	G2	-0.9218	-0.4528	-0.0038
410	457	G2	-0.8602	-0.4497	-0.0044
410	456	G2	-0.85	-0.3941	-0.0085
410	430	Qm	4.6424	2.9074	-0.2474
410	431	Qm	4.4808	2.395	-0.2235
410	457	Qm	4.0989	2.2744	-0.1975
410	456	Qm	4.2619	2.7606	-0.2214
410	430	Qs	-3.323E-09	-4.152E-09	-4.735E-10
410	431	Qs	-3.525E-09	-4.739E-09	-4.513E-10
410	457	Qs	-3.223E-09	-4.851E-09	-4.735E-10
410	456	Qs	-3.270E-09	-4.130E-09	-4.957E-10
410	430	T+	0.	0.	0.
410	431	T+	0.	0.	0.
410	457	T+	0.	0.	0.
410	456	T+	0.	0.	0.
410	430	T-	0.	0.	0.
410	431	T-	0.	0.	0.
410	457	T-	0.	0.	0.
410	456	T-	0.	0.	0.
410	430	W	-2.2352	0.7066	0.1104
410	431	W	-2.1985	0.915	0.1017
410	457	W	-2.7243	0.8215	0.1034
410	456	W	-2.7593	0.6317	0.112
410	430	Qm-1	5.5173	2.3518	-0.2477
410	431	Qm-1	5.6125	3.0746	-0.2172
410	457	Qm-1	5.1696	2.9098	-0.1997
410	456	Qm-1	5.0602	2.1901	-0.2303
410	430	Qm-2	0.1048	0.366	0.085
410	431	Qm-2	0.0632	0.3525	0.0966
410	457	Qm-2	0.0515	0.3214	0.11
410	456	Qm-2	0.0795	0.3338	0.0984
411	431	DEAD	0.	0.	0.

Table 27: Element Forces - Area Shells, Part 2 of 3

Area	Joint	OutputCase	M11	M22	M12
			KN-mm/mm	KN-mm/mm	KN-mm/mm
411	432	DEAD	0.	0.	0.
411	458	DEAD	0.	0.	0.
411	457	DEAD	0.	0.	0.
411	431	G1	8.593E-08	5.943E-09	-9.254E-09
411	432	G1	8.239E-08	-1.739E-08	-8.190E-09
411	458	G1	6.833E-08	-2.460E-08	-7.126E-09
411	457	G1	8.031E-08	4.109E-09	-8.190E-09
411	431	G2	-0.9218	-0.4528	-3.763E-04
411	432	G2	-0.9331	-0.5066	0.0033
411	458	G2	-0.8715	-0.5026	0.0035
411	457	G2	-0.8602	-0.4496	-1.321E-04
411	431	Qm	4.4809	2.3954	-0.2086
411	432	Qm	4.2913	1.8248	-0.1969
411	458	Qm	3.9112	1.7368	-0.1645
411	457	Qm	4.0991	2.2751	-0.1761
411	431	Qs	-3.442E-09	-4.927E-09	-4.607E-10
411	432	Qs	-3.304E-09	-4.961E-09	-4.607E-10
411	458	Qs	-3.503E-09	-5.231E-09	-4.607E-10
411	457	Qs	-3.354E-09	-4.679E-09	-4.607E-10
411	431	T+	0.	0.	0.
411	432	T+	0.	0.	0.
411	458	T+	0.	0.	0.
411	457	T+	0.	0.	0.
411	431	T-	0.	0.	0.
411	432	T-	0.	0.	0.
411	458	T-	0.	0.	0.
411	457	T-	0.	0.	0.
411	431	W	-2.1986	0.9149	0.094
411	432	W	-2.165	1.1529	0.0907
411	458	W	-2.6968	1.0506	0.0974
411	457	W	-2.7244	0.8214	0.1007
411	431	Qm-1	5.6125	3.0746	-0.191
411	432	Qm-1	5.3999	2.3774	-0.1606
411	458	Qm-1	4.9714	2.222	-0.1327
411	457	Qm-1	5.1696	2.9096	-0.1632
411	431	Qm-2	0.0632	0.3527	0.1107
411	432	Qm-2	0.0282	0.2918	0.1198
411	458	Qm-2	0.0261	0.2766	0.128
411	457	Qm-2	0.0516	0.3215	0.1189
412	432	DEAD	0.	0.	0.
412	433	DEAD	0.	0.	0.
412	459	DEAD	0.	0.	0.
412	458	DEAD	0.	0.	0.
412	432	G1	8.169E-08	-1.972E-08	-6.687E-09
412	433	G1	8.046E-08	-3.280E-08	-4.205E-09
412	459	G1	5.593E-08	-4.956E-08	-3.141E-09
412	458	G1	6.960E-08	-2.220E-08	-5.623E-09
412	432	G2	-0.9331	-0.5066	0.0064
412	433	G2	-0.9453	-0.5563	0.0098
412	459	G2	-0.8832	-0.5519	0.0107
412	458	G2	-0.8715	-0.5026	0.0073
412	432	Qm	4.2914	1.8252	-0.1918
412	433	Qm	4.1589	1.5585	-0.192
412	459	Qm	3.7859	1.4969	-0.1594

Table 27: Element Forces - Area Shells, Part 2 of 3

Area	Joint	OutputCase	M11	M22	M12
			KN-mm/mm	KN-mm/mm	KN-mm/mm
412	458	Qm	3.9113	1.7373	-0.1592
412	432	Qs	-3.293E-09	-5.013E-09	-3.643E-10
412	433	Qs	-3.543E-09	-5.570E-09	-2.756E-10
412	459	Qs	-3.620E-09	-5.983E-09	-2.756E-10
412	458	Qs	-3.582E-09	-5.099E-09	-3.643E-10
412	432	T+	0.	0.	0.
412	433	T+	0.	0.	0.
412	459	T+	0.	0.	0.
412	458	T+	0.	0.	0.
412	432	T-	0.	0.	0.
412	433	T-	0.	0.	0.
412	459	T-	0.	0.	0.
412	458	T-	0.	0.	0.
412	432	W	-2.1649	1.153	0.0859
412	433	W	-2.1346	1.4189	0.083
412	459	W	-2.6773	1.3201	0.095
412	458	W	-2.6968	1.0507	0.0979
412	432	Qm-1	5.4	2.3776	-0.1366
412	433	Qm-1	5.2409	2.0553	-0.1113
412	459	Qm-1	4.8274	1.9206	-0.0742
412	458	Qm-1	4.9715	2.2224	-0.0995
412	432	Qm-2	0.0281	0.2911	0.127
412	433	Qm-2	-0.004	0.1928	0.1272
412	459	Qm-2	4.455E-04	0.2067	0.1322
412	458	Qm-2	0.026	0.2763	0.132
413	433	DEAD	0.	0.	0.
413	434	DEAD	0.	0.	0.
413	460	DEAD	0.	0.	0.
413	459	DEAD	0.	0.	0.
413	433	G1	7.917E-08	-3.770E-08	-1.623E-09
413	434	G1	7.204E-08	-3.809E-08	-1.528E-09
413	460	G1	5.909E-08	-4.129E-08	1.214E-09
413	459	G1	5.555E-08	-4.819E-08	-1.097E-10
413	433	G2	-0.9453	-0.5563	0.0129
413	434	G2	-0.9581	-0.6005	0.0163
413	460	G2	-0.8951	-0.5962	0.0178
413	459	G2	-0.8832	-0.5519	0.0144
413	433	Qm	4.1589	1.5587	-0.195
413	434	Qm	4.0899	1.5808	-0.2028
413	460	Qm	3.7296	1.5334	-0.1743
413	459	Qm	3.786	1.4971	-0.1664
413	433	Qs	-3.531E-09	-5.567E-09	-1.536E-10
413	434	Qs	-3.583E-09	-5.623E-09	-1.920E-10
413	460	Qs	-3.476E-09	-5.356E-09	-1.536E-10
413	459	Qs	-3.606E-09	-5.866E-09	-1.920E-10
413	433	T+	0.	0.	0.
413	434	T+	0.	0.	0.
413	460	T+	0.	0.	0.
413	459	T+	0.	0.	0.
413	433	T-	0.	0.	0.
413	434	T-	0.	0.	0.
413	460	T-	0.	0.	0.
413	459	T-	0.	0.	0.
413	433	W	-2.1346	1.4191	0.0775

Table 27: Element Forces - Area Shells, Part 2 of 3

Area	Joint	OutputCase	M11	M22	M12
			KN-mm/mm	KN-mm/mm	KN-mm/mm
413	434	W	-2.1042	1.705	0.0706
413	460	W	-2.6594	1.6172	0.0848
413	459	W	-2.6772	1.3205	0.0918
413	433	Qm-1	5.241	2.0556	-0.0928
413	434	Qm-1	5.1394	2.0968	-0.0756
413	460	Qm-1	4.7432	1.9871	-0.0324
413	459	Qm-1	4.8275	1.9209	-0.0496
413	433	Qm-2	-0.004	0.1925	0.1208
413	434	Qm-2	-0.0462	0.0952	0.1121
413	460	Qm-2	-0.0299	0.1272	0.1198
413	459	Qm-2	4.119E-04	0.2066	0.1286
414	434	DEAD	0.	0.	0.
414	435	DEAD	0.	0.	0.
414	461	DEAD	0.	0.	0.
414	460	DEAD	0.	0.	0.
414	434	G1	7.180E-08	-3.933E-08	1.298E-10
414	435	G1	7.162E-08	-2.869E-08	-4.845E-10
414	461	G1	6.165E-08	-2.625E-08	4.845E-10
414	460	G1	5.868E-08	-4.341E-08	-1.298E-10
414	434	G2	-0.9581	-0.6005	0.0194
414	435	G2	-0.9715	-0.6377	0.0229
414	461	G2	-0.9076	-0.6336	0.0252
414	460	G2	-0.8951	-0.5963	0.0217
414	434	Qm	4.09	1.5809	-0.2099
414	435	Qm	4.0875	1.8838	-0.2199
414	461	Qm	3.7426	1.8385	-0.1968
414	460	Qm	3.7296	1.5333	-0.1868
414	434	Qs	-3.492E-09	-5.545E-09	-1.523E-10
414	435	Qs	-3.224E-09	-4.902E-09	-1.523E-10
414	461	Qs	-3.215E-09	-4.957E-09	-2.188E-10
414	460	Qs	-3.537E-09	-5.403E-09	-2.188E-10
414	434	T+	0.	0.	0.
414	435	T+	0.	0.	0.
414	461	T+	0.	0.	0.
414	460	T+	0.	0.	0.
414	434	T-	0.	0.	0.
414	435	T-	0.	0.	0.
414	461	T-	0.	0.	0.
414	460	T-	0.	0.	0.
414	434	W	-2.1041	1.7052	0.0621
414	435	W	-2.0683	1.9995	0.05
414	461	W	-2.6326	1.9212	0.0619
414	460	W	-2.6593	1.6177	0.074
414	434	Qm-1	5.1395	2.0971	-0.0645
414	435	Qm-1	5.0996	2.4879	-0.0562
414	461	Qm-1	4.7221	2.4032	-0.0099
414	460	Qm-1	4.7432	1.9873	-0.0182
414	434	Qm-2	-0.0461	0.0956	0.1
414	435	Qm-2	-0.0893	0.0068	0.0872
414	461	Qm-2	-0.063	0.0452	0.096
414	460	Qm-2	-0.0298	0.1274	0.1088
415	435	DEAD	0.	0.	0.
415	436	DEAD	0.	0.	0.
415	462	DEAD	0.	0.	0.

Table 27: Element Forces - Area Shells, Part 2 of 3

Area	Joint	OutputCase	M11	M22	M12
			KN-mm/mm	KN-mm/mm	KN-mm/mm
415	461	DEAD	0.	0.	0.
415	435	G1	7.223E-08	-2.652E-08	-1.378E-09
415	436	G1	5.667E-08	-7.228E-08	-2.442E-09
415	462	G1	5.211E-08	-6.864E-08	-6.691E-10
415	461	G1	6.137E-08	-2.857E-08	3.948E-10
415	435	G2	-0.9715	-0.6377	0.0261
415	436	G2	-0.9853	-0.6663	0.0298
415	462	G2	-0.9205	-0.6622	0.033
415	461	G2	-0.9076	-0.6336	0.0293
415	435	Qm	4.0875	1.8838	-0.2271
415	436	Qm	4.1115	2.2667	-0.235
415	462	Qm	3.7822	2.2152	-0.2166
415	461	Qm	3.7426	1.8383	-0.2087
415	435	Qs	-3.233E-09	-5.064E-09	-1.762E-10
415	436	Qs	-3.453E-09	-5.378E-09	-2.286E-10
415	462	Qs	-3.055E-09	-5.108E-09	-2.205E-10
415	461	Qs	-3.262E-09	-5.087E-09	-2.065E-10
415	435	T+	0.	0.	0.
415	436	T+	0.	0.	0.
415	462	T+	0.	0.	0.
415	461	T+	0.	0.	0.
415	435	T-	0.	0.	0.
415	436	T-	0.	0.	0.
415	462	T-	0.	0.	0.
415	461	T-	0.	0.	0.
415	435	W	-2.0683	1.9996	0.0389
415	436	W	-2.0232	2.2924	0.0243
415	462	W	-2.5887	2.2149	0.0302
415	461	W	-2.6326	1.9214	0.0448
415	435	Qm-1	5.0996	2.4881	-0.053
415	436	Qm-1	4.6451	0.8152	-0.0537
415	462	Qm-1	4.2844	0.756	-0.0062
415	461	Qm-1	4.7221	2.4033	-0.0054
415	435	Qm-2	-0.0893	0.0069	0.0746
415	436	Qm-2	-0.1278	-0.0762	0.0619
415	462	Qm-2	-0.092	-0.0414	0.0689
415	461	Qm-2	-0.063	0.0454	0.0816
416	436	DEAD	0.	0.	0.
416	437	DEAD	0.	0.	0.
416	463	DEAD	0.	0.	0.
416	462	DEAD	0.	0.	0.
416	436	G1	5.725E-08	-7.093E-08	-2.792E-09
416	437	G1	5.116E-08	-9.947E-08	-4.470E-09
416	463	G1	4.173E-08	-9.638E-08	-3.146E-09
416	462	G1	5.342E-08	-7.114E-08	-2.697E-09
416	436	G2	-0.9853	-0.6663	0.033
416	437	G2	-0.9992	-0.685	0.0366
416	463	G2	-0.9336	-0.6805	0.0407
416	462	G2	-0.9205	-0.6622	0.0371
416	436	Qm	4.1115	2.2666	-0.2393
416	437	Qm	4.1201	2.5332	-0.2427
416	463	Qm	3.8048	2.4719	-0.2274
416	462	Qm	3.7821	2.215	-0.224
416	436	Qs	-3.412E-09	-5.357E-09	-2.820E-10

Table 27: Element Forces - Area Shells, Part 2 of 3

Area	Joint	OutputCase	M11	M22	M12
			KN-mm/mm	KN-mm/mm	KN-mm/mm
416	437	Qs	-3.320E-09	-5.425E-09	-3.566E-10
416	463	Qs	-3.229E-09	-5.308E-09	-3.707E-10
416	462	Qs	-3.095E-09	-5.034E-09	-3.344E-10
416	436	T+	0.	0.	0.
416	437	T+	0.	0.	0.
416	463	T+	0.	0.	0.
416	462	T+	0.	0.	0.
416	436	T-	0.	0.	0.
416	437	T-	0.	0.	0.
416	463	T-	0.	0.	0.
416	462	T-	0.	0.	0.
416	436	W	-2.0232	2.2924	0.0131
416	437	W	-1.9683	2.5793	2.721E-04
416	463	W	-2.5271	2.4938	-4.403E-04
416	462	W	-2.5888	2.2148	0.0124
416	436	Qm-1	4.6451	0.8154	-0.0587
416	437	Qm-1	4.2594	-0.5339	-0.0691
416	463	Qm-1	3.912	-0.5667	-0.0225
416	462	Qm-1	4.2844	0.7562	-0.0121
416	436	Qm-2	-0.1278	-0.0762	0.0516
416	437	Qm-2	-0.1606	-0.1525	0.0427
416	463	Qm-2	-0.1158	-0.1285	0.0477
416	462	Qm-2	-0.092	-0.0415	0.0566
417	437	DEAD	0.	0.	0.
417	438	DEAD	0.	0.	0.
417	464	DEAD	0.	0.	0.
417	463	DEAD	0.	0.	0.
417	437	G1	5.396E-08	-9.372E-08	-4.190E-09
417	438	G1	4.424E-08	-1.211E-07	-4.190E-09
417	464	G1	3.260E-08	-1.197E-07	-2.772E-09
417	463	G1	4.078E-08	-1.000E-07	-2.772E-09
417	437	G2	-0.9992	-0.685	0.0399
417	438	G2	-1.0127	-0.6927	0.0434
417	464	G2	-0.9463	-0.6878	0.0482
417	463	G2	-0.9336	-0.6805	0.0447
417	437	Qm	4.1201	2.5331	-0.2427
417	438	Qm	4.1114	2.6896	-0.2408
417	464	Qm	3.8079	2.6183	-0.227
417	463	Qm	3.8048	2.4718	-0.2289
417	437	Qs	-3.174E-09	-5.080E-09	-3.387E-10
417	438	Qs	-3.217E-09	-5.295E-09	-2.722E-10
417	464	Qs	-3.293E-09	-5.144E-09	-2.500E-10
417	463	Qs	-3.375E-09	-5.553E-09	-3.165E-10
417	437	T+	0.	0.	0.
417	438	T+	0.	0.	0.
417	464	T+	0.	0.	0.
417	463	T+	0.	0.	0.
417	437	T-	0.	0.	0.
417	438	T-	0.	0.	0.
417	464	T-	0.	0.	0.
417	463	T-	0.	0.	0.
417	437	W	-1.9683	2.5791	-0.0084
417	438	W	-1.9064	2.8612	-0.0167
417	464	W	-2.4541	2.7657	-0.0217

Table 27: Element Forces - Area Shells, Part 2 of 3

Area	Joint	OutputCase	M11	M22	M12
			KN-mm/mm	KN-mm/mm	KN-mm/mm
417	463	W	-2.5272	2.4934	-0.0134
417	437	Qm-1	4.2595	-0.5336	-0.0823
417	438	Qm-1	3.947	-1.5712	-0.1023
417	464	Qm-1	3.6097	-1.5796	-0.0596
417	463	Qm-1	3.912	-0.5664	-0.0397
417	437	Qm-2	-0.1606	-0.1526	0.0368
417	438	Qm-2	-0.1889	-0.2174	0.0334
417	464	Qm-2	-0.1372	-0.2057	0.0379
417	463	Qm-2	-0.1158	-0.1287	0.0413
418	438	DEAD	0.	0.	0.
418	439	DEAD	0.	0.	0.
418	465	DEAD	0.	0.	0.
418	464	DEAD	0.	0.	0.
418	438	G1	4.380E-08	-1.204E-07	-5.174E-09
418	439	G1	3.850E-08	-1.297E-07	-6.238E-09
418	465	G1	3.458E-08	-1.272E-07	-5.883E-09
418	464	G1	3.434E-08	-1.197E-07	-4.819E-09
418	438	G2	-1.0127	-0.6926	0.0467
418	439	G2	-1.0254	-0.6882	0.0502
418	465	G2	-0.9577	-0.6833	0.0556
418	464	G2	-0.9463	-0.6878	0.0521
418	438	Qm	4.1114	2.6896	-0.2364
418	439	Qm	4.0838	2.7427	-0.2299
418	465	Qm	3.7898	2.6634	-0.2162
418	464	Qm	3.8079	2.6182	-0.2227
418	438	Qs	-3.192E-09	-5.236E-09	-2.500E-10
418	439	Qs	-3.299E-09	-4.919E-09	-2.722E-10
418	465	Qs	-2.848E-09	-4.848E-09	-3.387E-10
418	464	Qs	-3.299E-09	-5.185E-09	-3.165E-10
418	438	T+	0.	0.	0.
418	439	T+	0.	0.	0.
418	465	T+	0.	0.	0.
418	464	T+	0.	0.	0.
418	438	T-	0.	0.	0.
418	439	T-	0.	0.	0.
418	465	T-	0.	0.	0.
418	464	T-	0.	0.	0.
418	438	W	-1.9064	2.8611	-0.0221
418	439	W	-1.8408	3.1408	-0.0268
418	465	W	-2.3773	3.0424	-0.0333
418	464	W	-2.4541	2.7655	-0.0285
418	438	Qm-1	3.947	-1.571	-0.1232
418	439	Qm-1	3.7123	-2.3075	-0.1514
418	465	Qm-1	3.3834	-2.2969	-0.1159
418	464	Qm-1	3.6097	-1.5794	-0.0877
418	438	Qm-2	-0.1889	-0.2175	0.0322
418	439	Qm-2	-0.2149	-0.2657	0.0338
418	465	Qm-2	-0.1585	-0.2632	0.0392
418	464	Qm-2	-0.1372	-0.2058	0.0377
419	439	DEAD	0.	0.	0.
419	440	DEAD	0.	0.	0.
419	466	DEAD	0.	0.	0.
419	465	DEAD	0.	0.	0.
419	439	G1	3.661E-08	-1.287E-07	-8.183E-09

Table 27: Element Forces - Area Shells, Part 2 of 3

Area	Joint	OutputCase	M11	M22	M12
			KN-mm/mm	KN-mm/mm	KN-mm/mm
419	440	G1	3.781E-08	-1.336E-07	-9.022E-09
419	466	G1	2.269E-08	-1.356E-07	-6.764E-09
419	465	G1	3.555E-08	-1.268E-07	-6.540E-09
419	439	G2	-1.0254	-0.6882	0.0536
419	440	G2	-1.0366	-0.6705	0.0574
419	466	G2	-0.9672	-0.666	0.0632
419	465	G2	-0.9577	-0.6833	0.0594
419	439	Qm	4.0838	2.7427	-0.2218
419	440	Qm	4.0363	2.6986	-0.212
419	466	Qm	3.7498	2.6147	-0.1977
419	465	Qm	3.7898	2.6634	-0.2075
419	439	Qs	-3.475E-09	-4.990E-09	-3.707E-10
419	440	Qs	-3.316E-09	-4.653E-09	-4.009E-10
419	466	Qs	-3.226E-09	-4.674E-09	-2.820E-10
419	465	Qs	-2.698E-09	-4.689E-09	-2.901E-10
419	439	T+	0.	0.	0.
419	440	T+	0.	0.	0.
419	466	T+	0.	0.	0.
419	465	T+	0.	0.	0.
419	439	T-	0.	0.	0.
419	440	T-	0.	0.	0.
419	466	T-	0.	0.	0.
419	465	T-	0.	0.	0.
419	439	W	-1.8408	3.1409	-0.0304
419	440	W	-1.7713	3.4176	-0.0356
419	466	W	-2.2981	3.3282	-0.0431
419	465	W	-2.3773	3.0425	-0.0379
419	439	Qm-1	3.7123	-2.3074	-0.1782
419	440	Qm-1	3.5591	-2.7501	-0.2121
419	466	Qm-1	3.2376	-2.7283	-0.1862
419	465	Qm-1	3.3834	-2.2967	-0.1523
419	439	Qm-2	-0.2149	-0.2657	0.0365
419	440	Qm-2	-0.2399	-0.2935	0.0414
419	466	Qm-2	-0.1796	-0.2961	0.0484
419	465	Qm-2	-0.1585	-0.2632	0.0436
420	440	DEAD	0.	0.	0.
420	441	DEAD	0.	0.	0.
420	467	DEAD	0.	0.	0.
420	466	DEAD	0.	0.	0.
420	440	G1	3.627E-08	-1.347E-07	-7.801E-09
420	441	G1	3.202E-08	-1.342E-07	-7.706E-09
420	467	G1	2.492E-08	-1.361E-07	-6.737E-09
420	466	G1	2.311E-08	-1.393E-07	-8.061E-09
420	440	G2	-1.0366	-0.6705	0.0612
420	441	G2	-1.0457	-0.6383	0.0654
420	467	G2	-0.974	-0.6345	0.0714
420	466	G2	-0.9672	-0.666	0.0672
420	440	Qm	4.0363	2.6986	-0.2017
420	441	Qm	3.9687	2.5624	-0.1903
420	467	Qm	3.6878	2.478	-0.1747
420	466	Qm	3.7498	2.6147	-0.1861
420	440	Qs	-3.343E-09	-4.696E-09	-2.875E-10
420	441	Qs	-3.177E-09	-4.246E-09	-1.929E-10
420	467	Qs	-3.201E-09	-4.721E-09	-1.988E-10

Table 27: Element Forces - Area Shells, Part 2 of 3

Area	Joint	OutputCase	M11	M22	M12
			KN-mm/mm	KN-mm/mm	KN-mm/mm
420	466	Qs	-3.224E-09	-4.681E-09	-3.702E-10
420	440	T+	0.	0.	0.
420	441	T+	0.	0.	0.
420	467	T+	0.	0.	0.
420	466	T+	0.	0.	0.
420	440	T-	0.	0.	0.
420	441	T-	0.	0.	0.
420	467	T-	0.	0.	0.
420	466	T-	0.	0.	0.
420	440	W	-1.7713	3.418	-0.0401
420	441	W	-1.6915	3.6863	-0.0502
420	467	W	-2.2075	3.6155	-0.0626
420	466	W	-2.298	3.3287	-0.0525
420	440	Qm-1	3.5591	-2.75	-0.2422
420	441	Qm-1	3.4896	-2.9016	-0.2782
420	467	Qm-1	3.175	-2.8776	-0.2632
420	466	Qm-1	3.2376	-2.7282	-0.2272
420	440	Qm-2	-0.2399	-0.2935	0.0465
420	441	Qm-2	-0.2646	-0.2994	0.0532
420	467	Qm-2	-0.1997	-0.3037	0.0619
420	466	Qm-2	-0.1796	-0.2961	0.0553
421	441	DEAD	0.	0.	0.
421	442	DEAD	0.	0.	0.
421	468	DEAD	0.	0.	0.
421	467	DEAD	0.	0.	0.
421	441	G1	3.268E-08	-1.354E-07	-7.466E-09
421	442	G1	2.956E-08	-1.271E-07	-6.757E-09
421	468	G1	2.688E-08	-1.325E-07	-6.048E-09
421	467	G1	2.570E-08	-1.347E-07	-6.757E-09
421	441	G2	-1.0457	-0.6382	0.0698
421	442	G2	-1.0519	-0.5901	0.0745
421	468	G2	-0.9773	-0.5871	0.0804
421	467	G2	-0.974	-0.6344	0.0757
421	441	Qm	3.9687	2.5624	-0.1794
421	442	Qm	3.8811	2.3381	-0.1683
421	468	Qm	3.6045	2.2575	-0.1512
421	467	Qm	3.6878	2.478	-0.1624
421	441	Qs	-3.314E-09	-4.649E-09	-9.552E-11
421	442	Qs	-3.323E-09	-4.094E-09	-6.858E-12
421	468	Qs	-2.971E-09	-4.394E-09	-6.858E-12
421	467	Qs	-3.149E-09	-4.618E-09	-9.552E-11
421	441	T+	0.	0.	0.
421	442	T+	0.	0.	0.
421	468	T+	0.	0.	0.
421	467	T+	0.	0.	0.
421	441	T-	0.	0.	0.
421	442	T-	0.	0.	0.
421	468	T-	0.	0.	0.
421	467	T-	0.	0.	0.
421	441	W	-1.6914	3.6868	-0.0578
421	442	W	-1.5905	3.9411	-0.0751
421	468	W	-2.0848	3.8924	-0.0995
421	467	W	-2.2073	3.6164	-0.0822
421	441	Qm-1	3.4896	-2.9017	-0.3087

Table 27: Element Forces - Area Shells, Part 2 of 3

Area	Joint	OutputCase	M11	M22	M12
			KN-mm/mm	KN-mm/mm	KN-mm/mm
421	442	Qm-1	3.5044	-2.7598	-0.3433
421	468	Qm-1	3.1963	-2.7419	-0.3393
421	467	Qm-1	3.175	-2.8777	-0.3046
421	441	Qm-2	-0.2647	-0.2994	0.0593
421	442	Qm-2	-0.2896	-0.2841	0.0664
421	468	Qm-2	-0.219	-0.2864	0.0769
421	467	Qm-2	-0.1997	-0.3037	0.0699
422	442	DEAD	0.	0.	0.
422	443	DEAD	0.	0.	0.
422	469	DEAD	0.	0.	0.
422	468	DEAD	0.	0.	0.
422	442	G1	3.025E-08	-1.280E-07	-5.638E-09
422	443	G1	3.447E-08	-1.122E-07	-6.348E-09
422	469	G1	3.246E-08	-1.095E-07	-7.057E-09
422	468	G1	2.747E-08	-1.291E-07	-6.348E-09
422	442	G2	-1.0519	-0.5901	0.0797
422	443	G2	-1.0536	-0.5247	0.085
422	469	G2	-0.975	-0.5223	0.0903
422	468	G2	-0.9773	-0.587	0.085
422	442	Qm	3.8811	2.3381	-0.1586
422	443	Qm	3.7746	2.0281	-0.1496
422	469	Qm	3.5005	1.9557	-0.1313
422	468	Qm	3.6045	2.2575	-0.1402
422	442	Qs	-3.414E-09	-4.330E-09	9.255E-11
422	443	Qs	-2.966E-09	-3.837E-09	8.444E-11
422	469	Qs	-2.927E-09	-3.687E-09	4.822E-11
422	468	Qs	-2.944E-09	-4.325E-09	1.794E-11
422	442	T+	0.	0.	0.
422	443	T+	0.	0.	0.
422	469	T+	0.	0.	0.
422	468	T+	0.	0.	0.
422	442	T-	0.	0.	0.
422	443	T-	0.	0.	0.
422	469	T-	0.	0.	0.
422	468	T-	0.	0.	0.
422	442	W	-1.5905	3.9412	-0.0848
422	443	W	-1.4482	4.1937	-0.1071
422	469	W	-1.9008	4.1586	-0.1534
422	468	W	-2.0845	3.8939	-0.1312
422	442	Qm-1	3.5044	-2.7599	-0.3714
422	443	Qm-1	3.6023	-2.3172	-0.4017
422	469	Qm-1	3.3001	-2.3117	-0.4074
422	468	Qm-1	3.1962	-2.7421	-0.3771
422	442	Qm-2	-0.2896	-0.284	0.0721
422	443	Qm-2	-0.315	-0.2501	0.078
422	469	Qm-2	-0.2387	-0.2464	0.0904
422	468	Qm-2	-0.219	-0.2864	0.0846
423	443	DEAD	0.	0.	0.
423	444	DEAD	0.	0.	0.
423	470	DEAD	0.	0.	0.
423	469	DEAD	0.	0.	0.
423	443	G1	3.413E-08	-1.116E-07	-7.836E-09
423	444	G1	4.228E-08	-8.070E-08	-8.545E-09
423	470	G1	3.866E-08	-8.157E-08	-8.545E-09

Table 27: Element Forces - Area Shells, Part 2 of 3

Area	Joint	OutputCase	M11	M22	M12
			KN-mm/mm	KN-mm/mm	KN-mm/mm
423	469	G1	3.359E-08	-1.082E-07	-7.836E-09
423	443	G2	-1.0536	-0.5246	0.0915
423	444	G2	-1.0481	-0.4402	0.0974
423	470	G2	-0.963	-0.4386	0.1008
423	469	G2	-0.975	-0.5221	0.0948
423	443	Qm	3.7746	2.0282	-0.1428
423	444	Qm	3.6507	1.6337	-0.138
423	470	Qm	3.3774	1.5733	-0.1189
423	469	Qm	3.5006	1.9558	-0.1237
423	443	Qs	-2.967E-09	-3.724E-09	2.091E-11
423	444	Qs	-3.116E-09	-2.937E-09	2.091E-11
423	470	Qs	-2.499E-09	-2.913E-09	4.308E-11
423	469	Qs	-2.859E-09	-3.710E-09	4.308E-11
423	443	T+	0.	0.	0.
423	444	T+	0.	0.	0.
423	470	T+	0.	0.	0.
423	469	T+	0.	0.	0.
423	443	T-	0.	0.	0.
423	444	T-	0.	0.	0.
423	470	T-	0.	0.	0.
423	469	T-	0.	0.	0.
423	443	W	-1.4479	4.1955	-0.1164
423	444	W	-1.2757	4.4725	-0.1443
423	470	W	-1.5938	4.4891	-0.2188
423	469	W	-1.9009	4.1581	-0.191
423	443	Qm-1	3.6023	-2.3174	-0.4254
423	444	Qm-1	3.7807	-1.5627	-0.4497
423	470	Qm-1	3.4832	-1.5717	-0.4627
423	469	Qm-1	3.3	-2.3119	-0.4385
423	443	Qm-2	-0.315	-0.25	0.0819
423	444	Qm-2	-0.3403	-0.2025	0.085
423	470	Qm-2	-0.2593	-0.1895	0.0989
423	469	Qm-2	-0.2387	-0.2463	0.0959
424	444	DEAD	0.	0.	0.
424	445	DEAD	0.	0.	0.
424	471	DEAD	0.	0.	0.
424	470	DEAD	0.	0.	0.
424	444	G1	4.206E-08	-8.113E-08	-8.545E-09
424	445	G1	5.062E-08	-4.100E-08	-8.190E-09
424	471	G1	4.325E-08	-4.641E-08	-7.836E-09
424	470	G1	3.852E-08	-8.024E-08	-8.190E-09
424	444	G2	-1.0481	-0.44	0.106
424	445	G2	-1.0306	-0.3327	0.1132
424	471	G2	-0.9339	-0.3326	0.1124
424	470	G2	-0.963	-0.4383	0.1051
424	444	Qm	3.6507	1.6338	-0.1355
424	445	Qm	3.5117	1.1545	-0.1363
424	471	Qm	3.2375	1.1092	-0.1175
424	470	Qm	3.3775	1.5735	-0.1167
424	444	Qs	-3.098E-09	-3.013E-09	3.245E-11
424	445	Qs	-2.723E-09	-1.830E-09	9.895E-11
424	471	Qs	-2.741E-09	-2.224E-09	1.211E-10
424	470	Qs	-2.468E-09	-2.817E-09	5.462E-11
424	444	T+	0.	0.	0.

Table 27: Element Forces - Area Shells, Part 2 of 3

Area	Joint	OutputCase	M11	M22	M12
			KN-mm/mm	KN-mm/mm	KN-mm/mm
424	445	T+	0.	0.	0.
424	471	T+	0.	0.	0.
424	470	T+	0.	0.	0.
424	444	T-	0.	0.	0.
424	445	T-	0.	0.	0.
424	471	T-	0.	0.	0.
424	470	T-	0.	0.	0.
424	444	W	-1.2759	4.4714	-0.1487
424	445	W	-0.8424	5.0517	-0.1634
424	471	W	-1.2121	4.9628	-0.2893
424	470	W	-1.5929	4.4935	-0.2746
424	444	Qm-1	3.7807	-1.5628	-0.4685
424	445	Qm-1	4.0366	-0.4832	-0.4871
424	471	Qm-1	3.7412	-0.5036	-0.5047
424	470	Qm-1	3.4831	-1.5719	-0.4861
424	444	Qm-2	-0.3403	-0.2024	0.0863
424	445	Qm-2	-0.3641	-0.1486	0.086
424	471	Qm-2	-0.2788	-0.1269	0.0999
424	470	Qm-2	-0.2593	-0.1893	0.1002
425	445	DEAD	0.	0.	0.
425	446	DEAD	0.	0.	0.
425	472	DEAD	0.	0.	0.
425	471	DEAD	0.	0.	0.
425	445	G1	4.907E-08	-4.617E-08	-7.911E-09
425	446	G1	5.075E-08	-8.116E-09	-7.651E-09
425	472	G1	5.661E-08	-5.299E-09	-8.265E-09
425	471	G1	4.441E-08	-4.620E-08	-7.296E-09
425	445	G2	-1.031	-0.3347	0.126
425	446	G2	-1.0054	-0.1753	0.1418
425	472	G2	-0.8568	-0.2071	0.1323
425	471	G2	-0.9332	-0.3295	0.1165
425	445	Qm	3.5117	1.1547	-0.1395
425	446	Qm	3.3606	0.5897	-0.1469
425	472	Qm	3.0838	0.5605	-0.1298
425	471	Qm	3.2375	1.1093	-0.1224
425	445	Qs	-2.748E-09	-2.163E-09	1.250E-10
425	446	Qs	-2.857E-09	-1.723E-09	1.937E-10
425	472	Qs	-2.656E-09	-1.705E-09	1.693E-10
425	471	Qs	-2.657E-09	-2.121E-09	2.158E-10
425	445	T+	0.	0.	0.
425	446	T+	0.	0.	0.
425	472	T+	0.	0.	0.
425	471	T+	0.	0.	0.
425	445	T-	0.	0.	0.
425	446	T-	0.	0.	0.
425	472	T-	0.	0.	0.
425	471	T-	0.	0.	0.
425	445	W	-0.9038	4.7449	-0.0926
425	446	W	-2.7065	7.891	0.6204
425	472	W	2.1434	4.8376	0.4228
425	471	W	-1.1451	5.2979	-0.2902
425	445	Qm-1	4.0366	-0.4833	-0.5024
425	446	Qm-1	4.3681	0.9329	-0.5179
425	472	Qm-1	4.0707	0.9093	-0.5378

Table 27: Element Forces - Area Shells, Part 2 of 3

Area	Joint	OutputCase	M11	M22	M12
			KN-mm/mm	KN-mm/mm	KN-mm/mm
425	471	Qm-1	3.7412	-0.5038	-0.5223
425	445	Qm-2	-0.3641	-0.1485	0.0852
425	446	Qm-2	-0.3849	-0.0953	0.083
425	472	Qm-2	-0.2939	-0.0711	0.095
425	471	Qm-2	-0.2788	-0.1267	0.0972
426	446	DEAD	0.	0.	0.
426	447	DEAD	0.	0.	0.
426	473	DEAD	0.	0.	0.
426	472	DEAD	0.	0.	0.
426	446	G1	5.131E-08	-9.868E-09	-9.242E-09
426	447	G1	5.330E-08	-1.273E-08	-9.821E-09
426	473	G1	5.158E-08	-6.410E-09	-9.596E-09
426	472	G1	5.650E-08	-9.538E-09	-8.402E-09
426	446	G2	-1.0049	-0.1725	0.1642
426	447	G2	-1.0449	-0.0202	0.1572
426	473	G2	-0.6425	0.165	0.1428
426	472	G2	-0.8583	-0.2144	0.1498
426	446	Qm	3.3607	0.5899	-0.1562
426	447	Qm	3.2404	0.1383	-0.1705
426	473	Qm	2.9602	0.1247	-0.1566
426	472	Qm	3.0838	0.5607	-0.1423
426	446	Qs	-2.945E-09	-1.840E-09	1.408E-10
426	447	Qs	-2.779E-09	-1.070E-09	1.186E-10
426	473	Qs	-2.380E-09	-6.763E-10	1.408E-10
426	472	Qs	-2.704E-09	-1.893E-09	1.629E-10
426	446	T+	0.	0.	0.
426	447	T+	0.	0.	0.
426	473	T+	0.	0.	0.
426	472	T+	0.	0.	0.
426	446	T-	0.	0.	0.
426	447	T-	0.	0.	0.
426	473	T-	0.	0.	0.
426	472	T-	0.	0.	0.
426	446	W	-2.3078	9.8845	0.7418
426	447	W	-4.2723	-5.272	-6.0248
426	473	W	2.4062	37.2323	-4.952
426	472	W	1.5701	1.9712	1.8146
426	446	Qm-1	4.3681	0.933	-0.5325
426	447	Qm-1	4.2952	0.2934	-0.5492
426	473	Qm-1	3.9924	0.2773	-0.5707
426	472	Qm-1	4.0707	0.9094	-0.5539
426	446	Qm-2	-0.3849	-0.0954	0.0821
426	447	Qm-2	-0.4024	-0.0464	0.0815
426	473	Qm-2	-0.3042	-0.0298	0.091
426	472	Qm-2	-0.2939	-0.0712	0.0916
427	447	DEAD	0.	0.	0.
427	448	DEAD	0.	0.	0.
427	474	DEAD	0.	0.	0.
427	473	DEAD	0.	0.	0.
427	447	G1	5.589E-08	-5.585E-09	-1.040E-08
427	448	G1	5.564E-08	-6.122E-10	-1.027E-08
427	474	G1	5.739E-08	1.951E-09	-1.110E-08
427	473	G1	5.058E-08	-8.858E-09	-1.062E-08
427	447	G2	-1.0445	-0.0182	0.1132

Table 27: Element Forces - Area Shells, Part 2 of 3

Area	Joint	OutputCase	M11	M22	M12
			KN-mm/mm	KN-mm/mm	KN-mm/mm
427	448	G2	-0.9806	0.004	0.1025
427	474	G2	-0.7871	-0.0063	0.1131
427	473	G2	-0.643	0.1627	0.1238
427	447	Qm	3.2404	0.1384	-0.1858
427	448	Qm	3.1948	5.249E-04	-0.2065
427	474	Qm	2.9089	3.326E-04	-0.1973
427	473	Qm	2.9602	0.1248	-0.1766
427	447	Qs	-2.637E-09	-7.333E-10	9.130E-11
427	448	Qs	-2.549E-09	-2.534E-11	1.437E-10
427	474	Qs	-2.333E-09	-7.361E-12	1.135E-10
427	473	Qs	-2.435E-09	-7.873E-10	9.941E-11
427	447	T+	0.	0.	0.
427	448	T+	0.	0.	0.
427	474	T+	0.	0.	0.
427	473	T+	0.	0.	0.
427	447	T-	0.	0.	0.
427	448	T-	0.	0.	0.
427	474	T-	0.	0.	0.
427	473	T-	0.	0.	0.
427	447	W	-1.1302	10.4383	-6.6729
427	448	W	-2.699	-1.8064	-0.0663
427	474	W	-12.3023	2.565	1.3701
427	473	W	-10.9459	-29.5283	-5.2364
427	447	Qm-1	4.2952	0.2936	-0.5664
427	448	Qm-1	4.3025	5.697E-04	-0.5886
427	474	Qm-1	3.99	2.334E-04	-0.6134
427	473	Qm-1	3.9925	0.2776	-0.5912
427	447	Qm-2	-0.4025	-0.0466	0.0835
427	448	Qm-2	-0.4209	-2.070E-04	0.0887
427	474	Qm-2	-0.3121	1.043E-04	0.0973
427	473	Qm-2	-0.3043	-0.0301	0.0922
428	449	DEAD	0.	0.	0.
428	450	DEAD	0.	0.	0.
428	476	DEAD	0.	0.	0.
428	475	DEAD	0.	0.	0.
428	449	G1	8.473E-08	5.176E-09	-1.075E-08
428	450	G1	7.708E-08	-5.595E-09	-1.062E-08
428	476	G1	6.607E-08	-3.026E-09	-1.075E-08
428	475	G1	6.582E-08	-2.314E-09	-1.027E-08
428	449	G2	-0.8675	-1.097E-04	-0.0964
428	450	G2	-0.8532	-0.0457	-0.0899
428	476	G2	-0.7748	-0.0452	-0.0996
428	475	G2	-0.7887	-8.760E-05	-0.106
428	449	Qm	3.5765	6.667E-04	-0.2945
428	450	Qm	3.6046	0.1087	-0.3332
428	476	Qm	3.1246	0.1035	-0.3349
428	475	Qm	3.1025	6.624E-04	-0.2962
428	449	Qs	-2.107E-09	2.986E-10	-3.579E-10
428	450	Qs	-2.574E-09	-7.095E-10	-2.995E-10
428	476	Qs	-2.326E-09	-4.634E-10	-2.692E-10
428	475	Qs	-2.166E-09	-6.950E-11	-3.660E-10
428	449	T+	0.	0.	0.
428	450	T+	0.	0.	0.
428	476	T+	0.	0.	0.

Table 27: Element Forces - Area Shells, Part 2 of 3

Area	Joint	OutputCase	M11	M22	M12
			KN-mm/mm	KN-mm/mm	KN-mm/mm
428	475	T+	0.	0.	0.
428	449	T-	0.	0.	0.
428	450	T-	0.	0.	0.
428	476	T-	0.	0.	0.
428	475	T-	0.	0.	0.
428	449	W	-2.9253	-2.101E-04	0.5034
428	450	W	-2.9049	-0.025	0.468
428	476	W	-3.376	-0.0453	0.454
428	475	W	-3.409	-8.097E-04	0.4894
428	449	Qm-1	4.5385	9.176E-04	-0.2565
428	450	Qm-1	4.5688	0.1474	-0.3029
428	476	Qm-1	3.9657	0.129	-0.3041
428	475	Qm-1	3.9355	8.327E-04	-0.2577
428	449	Qm-2	0.1854	-1.958E-04	0.013
428	450	Qm-2	0.1732	0.0426	0.013
428	476	Qm-2	0.1517	0.033	0.0197
428	475	Qm-2	0.1569	-2.202E-04	0.0198
429	450	DEAD	0.	0.	0.
429	451	DEAD	0.	0.	0.
429	477	DEAD	0.	0.	0.
429	476	DEAD	0.	0.	0.
429	450	G1	7.753E-08	-5.016E-09	-1.193E-08
429	451	G1	8.167E-08	-8.091E-09	-1.264E-08
429	477	G1	6.140E-08	-1.229E-08	-1.264E-08
429	476	G1	6.571E-08	-3.836E-09	-1.193E-08
429	450	G2	-0.8532	-0.0457	-0.0842
429	451	G2	-0.8431	-0.0981	-0.0778
429	477	G2	-0.7648	-0.0978	-0.0864
429	476	G2	-0.7748	-0.0452	-0.0927
429	450	Qm	3.6046	0.1087	-0.366
429	451	Qm	3.6958	0.4273	-0.3989
429	477	Qm	3.2053	0.396	-0.4093
429	476	Qm	3.1246	0.1037	-0.3764
429	450	Qs	-2.467E-09	-6.984E-10	-2.926E-10
429	451	Qs	-2.557E-09	-1.440E-09	-3.007E-10
429	477	Qs	-2.550E-09	-1.580E-09	-2.705E-10
429	476	Qs	-2.402E-09	-6.647E-10	-3.007E-10
429	450	T+	0.	0.	0.
429	451	T+	0.	0.	0.
429	477	T+	0.	0.	0.
429	476	T+	0.	0.	0.
429	450	T-	0.	0.	0.
429	451	T-	0.	0.	0.
429	477	T-	0.	0.	0.
429	476	T-	0.	0.	0.
429	450	W	-2.9049	-0.0251	0.4331
429	451	W	-2.8851	0.0057	0.4038
429	477	W	-3.3517	-0.0211	0.397
429	476	W	-3.376	-0.0455	0.4262
429	450	Qm-1	4.5687	0.1471	-0.3393
429	451	Qm-1	4.676	0.5595	-0.3729
429	477	Qm-1	4.0714	0.4971	-0.3847
429	476	Qm-1	3.9658	0.1291	-0.3512
429	450	Qm-2	0.1732	0.0425	0.0132

Table 27: Element Forces - Area Shells, Part 2 of 3

Area	Joint	OutputCase	M11	M22	M12
			KN-mm/mm	KN-mm/mm	KN-mm/mm
429	451	Qm-2	0.1565	0.1134	0.0172
429	477	Qm-2	0.145	0.0978	0.0277
429	476	Qm-2	0.1517	0.0327	0.0238
430	451	DEAD	0.	0.	0.
430	452	DEAD	0.	0.	0.
430	478	DEAD	0.	0.	0.
430	477	DEAD	0.	0.	0.
430	451	G1	8.087E-08	-8.719E-09	-1.313E-08
430	452	G1	8.217E-08	-1.607E-09	-1.203E-08
430	478	G1	6.464E-08	-5.793E-09	-1.349E-08
430	477	G1	6.111E-08	-1.114E-08	-1.274E-08
430	451	G2	-0.8431	-0.0981	-0.0719
430	452	G2	-0.837	-0.1554	-0.0653
430	478	G2	-0.7585	-0.1561	-0.0727
430	477	G2	-0.7648	-0.0978	-0.0793
430	451	Qm	3.6957	0.427	-0.4218
430	452	Qm	3.85	0.9751	-0.4399
430	478	Qm	3.3497	0.8949	-0.4585
430	477	Qm	3.2053	0.3959	-0.4404
430	451	Qs	-2.584E-09	-1.589E-09	-2.432E-10
430	452	Qs	-2.814E-09	-2.325E-09	-2.432E-10
430	478	Qs	-2.659E-09	-2.362E-09	-2.432E-10
430	477	Qs	-2.559E-09	-1.583E-09	-2.432E-10
430	451	T+	0.	0.	0.
430	452	T+	0.	0.	0.
430	478	T+	0.	0.	0.
430	477	T+	0.	0.	0.
430	451	T-	0.	0.	0.
430	452	T-	0.	0.	0.
430	478	T-	0.	0.	0.
430	477	T-	0.	0.	0.
430	451	W	-2.8851	0.0058	0.3722
430	452	W	-2.8683	0.0842	0.3432
430	478	W	-3.336	0.0628	0.3432
430	477	W	-3.3517	-0.0207	0.3722
430	451	Qm-1	4.6759	0.559	-0.3935
430	452	Qm-1	4.8522	1.2654	-0.405
430	478	Qm-1	4.2519	1.1429	-0.423
430	477	Qm-1	4.0712	0.4959	-0.4114
430	451	Qm-2	0.1566	0.1138	0.0205
430	452	Qm-2	0.1369	0.1964	0.0253
430	478	Qm-2	0.1303	0.1852	0.0396
430	477	Qm-2	0.145	0.0982	0.0347
431	452	DEAD	0.	0.	0.
431	453	DEAD	0.	0.	0.
431	479	DEAD	0.	0.	0.
431	478	DEAD	0.	0.	0.
431	452	G1	8.381E-08	-7.374E-10	-1.327E-08
431	453	G1	8.515E-08	2.363E-08	-1.124E-08
431	479	G1	7.250E-08	1.934E-08	-1.150E-08
431	478	G1	6.409E-08	-7.176E-09	-1.231E-08
431	452	G2	-0.837	-0.1554	-0.0592
431	453	G2	-0.8348	-0.2156	-0.0522
431	479	G2	-0.7562	-0.2171	-0.0582

Table 27: Element Forces - Area Shells, Part 2 of 3

Area	Joint	OutputCase	M11	M22	M12
			KN-mm/mm	KN-mm/mm	KN-mm/mm
431	478	G2	-0.7585	-0.1561	-0.0652
431	452	Qm	3.8499	0.9746	-0.4459
431	453	Qm	4.0613	1.7857	-0.4413
431	479	Qm	3.556	1.643	-0.4634
431	478	Qm	3.3496	0.8942	-0.468
431	452	Qs	-2.754E-09	-2.256E-09	-2.619E-10
431	453	Qs	-3.179E-09	-2.839E-09	-2.176E-10
431	479	Qs	-2.693E-09	-2.749E-09	-1.732E-10
431	478	Qs	-2.695E-09	-2.343E-09	-2.176E-10
431	452	T+	0.	0.	0.
431	453	T+	0.	0.	0.
431	479	T+	0.	0.	0.
431	478	T+	0.	0.	0.
431	452	T-	0.	0.	0.
431	453	T-	0.	0.	0.
431	479	T-	0.	0.	0.
431	478	T-	0.	0.	0.
431	452	W	-2.8682	0.0845	0.3115
431	453	W	-2.8503	0.1963	0.28
431	479	W	-3.3237	0.1805	0.2833
431	478	W	-3.336	0.0632	0.3147
431	452	Qm-1	4.8521	1.2647	-0.407
431	453	Qm-1	5.0886	2.3014	-0.3969
431	479	Qm-1	4.4847	2.1345	-0.4101
431	478	Qm-1	4.2517	1.1423	-0.4202
431	452	Qm-2	0.137	0.1968	0.0315
431	453	Qm-2	0.122	0.2652	0.0361
431	479	Qm-2	0.1217	0.2523	0.0467
431	478	Qm-2	0.1305	0.1859	0.042
432	453	DEAD	0.	0.	0.
432	454	DEAD	0.	0.	0.
432	480	DEAD	0.	0.	0.
432	479	DEAD	0.	0.	0.
432	453	G1	8.519E-08	2.285E-08	-1.065E-08
432	454	G1	8.254E-08	3.766E-10	-1.065E-08
432	480	G1	6.587E-08	-3.787E-10	-1.065E-08
432	479	G1	7.128E-08	1.749E-08	-1.065E-08
432	453	G2	-0.8348	-0.2156	-0.0459
432	454	G2	-0.8365	-0.2764	-0.0388
432	480	G2	-0.7581	-0.2778	-0.0431
432	479	G2	-0.7562	-0.2171	-0.0502
432	453	Qm	4.0612	1.7851	-0.4268
432	454	Qm	4.2438	2.5215	-0.3981
432	480	Qm	3.7372	2.3242	-0.4148
432	479	Qm	3.5558	1.6421	-0.4436
432	453	Qs	-3.117E-09	-2.896E-09	-2.116E-10
432	454	Qs	-2.985E-09	-3.276E-09	-2.781E-10
432	480	Qs	-2.970E-09	-3.159E-09	-3.003E-10
432	479	Qs	-2.650E-09	-2.597E-09	-2.338E-10
432	453	T+	0.	0.	0.
432	454	T+	0.	0.	0.
432	480	T+	0.	0.	0.
432	479	T+	0.	0.	0.
432	453	T-	0.	0.	0.

Table 27: Element Forces - Area Shells, Part 2 of 3

Area	Joint	OutputCase	M11	M22	M12
			KN-mm/mm	KN-mm/mm	KN-mm/mm
432	454	T-	0.	0.	0.
432	480	T-	0.	0.	0.
432	479	T-	0.	0.	0.
432	453	W	-2.8502	0.1966	0.248
432	454	W	-2.8266	0.3276	0.2159
432	480	W	-3.3065	0.3066	0.2181
432	479	W	-3.3237	0.1809	0.2502
432	453	Qm-1	5.0885	2.3013	-0.3836
432	454	Qm-1	5.0197	1.8947	-0.3616
432	480	Qm-1	4.4047	1.7122	-0.3652
432	479	Qm-1	4.4847	2.1346	-0.3871
432	453	Qm-2	0.122	0.265	0.0448
432	454	Qm-2	0.1137	0.305	0.0524
432	480	Qm-2	0.1235	0.2836	0.0567
432	479	Qm-2	0.1217	0.2522	0.0492
433	454	DEAD	0.	0.	0.
433	455	DEAD	0.	0.	0.
433	481	DEAD	0.	0.	0.
433	480	DEAD	0.	0.	0.
433	454	G1	8.339E-08	4.942E-09	-1.033E-08
433	455	G1	8.011E-08	-7.216E-09	-9.269E-09
433	481	G1	6.278E-08	-8.756E-09	-8.914E-09
433	480	G1	6.437E-08	-5.044E-09	-9.978E-09
433	454	G2	-0.8365	-0.2764	-0.0326
433	455	G2	-0.8418	-0.3362	-0.0258
433	481	G2	-0.764	-0.3362	-0.0284
433	480	G2	-0.7581	-0.2777	-0.0352
433	454	Qm	4.2437	2.521	-0.3661
433	455	Qm	4.3117	2.8401	-0.321
433	481	Qm	3.8051	2.6186	-0.3238
433	480	Qm	3.7371	2.3235	-0.3689
433	454	Qs	-2.896E-09	-3.058E-09	-2.815E-10
433	455	Qs	-3.039E-09	-3.853E-09	-2.815E-10
433	481	Qs	-3.234E-09	-3.750E-09	-2.815E-10
433	480	Qs	-2.995E-09	-3.166E-09	-2.815E-10
433	454	T+	0.	0.	0.
433	455	T+	0.	0.	0.
433	481	T+	0.	0.	0.
433	480	T+	0.	0.	0.
433	454	T-	0.	0.	0.
433	455	T-	0.	0.	0.
433	481	T-	0.	0.	0.
433	480	T-	0.	0.	0.
433	454	W	-2.8266	0.3276	0.1869
433	455	W	-2.7954	0.4715	0.1599
433	481	W	-3.2795	0.4294	0.1588
433	480	W	-3.3065	0.3066	0.1859
433	454	Qm-1	5.0197	1.895	-0.3401
433	455	Qm-1	5.0098	1.8557	-0.3141
433	481	Qm-1	4.3871	1.6658	-0.312
433	480	Qm-1	4.4049	1.7129	-0.3379
433	454	Qm-2	0.1136	0.3045	0.0628
433	455	Qm-2	0.1017	0.3253	0.0756
433	481	Qm-2	0.1256	0.2928	0.0789

Table 27: Element Forces - Area Shells, Part 2 of 3

Area	Joint	OutputCase	M11	M22	M12
			KN-mm/mm	KN-mm/mm	KN-mm/mm
433	480	Qm-2	0.1233	0.2826	0.0661
434	455	DEAD	0.	0.	0.
434	456	DEAD	0.	0.	0.
434	482	DEAD	0.	0.	0.
434	481	DEAD	0.	0.	0.
434	455	G1	7.934E-08	-5.505E-09	-9.624E-09
434	456	G1	7.946E-08	-3.654E-09	-9.269E-09
434	482	G1	6.445E-08	-1.082E-08	-9.624E-09
434	481	G1	6.341E-08	-6.225E-09	-9.978E-09
434	455	G2	-0.8418	-0.3362	-0.0201
434	456	G2	-0.85	-0.3941	-0.0142
434	482	G2	-0.7732	-0.3918	-0.0153
434	481	G2	-0.764	-0.3361	-0.0213
434	455	Qm	4.3117	2.8401	-0.2811
434	456	Qm	4.2616	2.7601	-0.2344
434	482	Qm	3.7553	2.5549	-0.2196
434	481	Qm	3.8051	2.6186	-0.2663
434	455	Qs	-2.985E-09	-3.722E-09	-3.396E-10
434	456	Qs	-3.124E-09	-3.994E-09	-3.839E-10
434	482	Qs	-3.121E-09	-4.002E-09	-4.283E-10
434	481	Qs	-3.221E-09	-3.548E-09	-3.839E-10
434	455	T+	0.	0.	0.
434	456	T+	0.	0.	0.
434	482	T+	0.	0.	0.
434	481	T+	0.	0.	0.
434	455	T-	0.	0.	0.
434	456	T-	0.	0.	0.
434	482	T-	0.	0.	0.
434	481	T-	0.	0.	0.
434	455	W	-2.7954	0.4712	0.1383
434	456	W	-2.7593	0.6321	0.1221
434	482	W	-3.2451	0.5579	0.1194
434	481	W	-3.2796	0.4291	0.1356
434	455	Qm-1	5.0098	1.8557	-0.2865
434	456	Qm-1	5.0603	2.1905	-0.2545
434	482	Qm-1	4.4543	1.9811	-0.252
434	481	Qm-1	4.3871	1.6658	-0.284
434	455	Qm-2	0.1017	0.3253	0.087
434	456	Qm-2	0.0795	0.3334	0.1001
434	482	Qm-2	0.1063	0.3129	0.1099
434	481	Qm-2	0.1255	0.2927	0.0968
435	456	DEAD	0.	0.	0.
435	457	DEAD	0.	0.	0.
435	483	DEAD	0.	0.	0.
435	482	DEAD	0.	0.	0.
435	456	G1	7.862E-08	-5.892E-09	-9.766E-09
435	457	G1	7.810E-08	6.169E-09	-9.187E-09
435	483	G1	6.217E-08	-5.139E-09	-7.638E-09
435	482	G1	6.777E-08	-2.919E-09	-8.832E-09
435	456	G2	-0.85	-0.3941	-0.0093
435	457	G2	-0.8602	-0.4497	-0.0043
435	483	G2	-0.784	-0.445	-0.0045
435	482	G2	-0.7732	-0.3917	-0.0094
435	456	Qm	4.2617	2.7606	-0.199

Table 27: Element Forces - Area Shells, Part 2 of 3

Area	Joint	OutputCase	M11	M22	M12
			KN-mm/mm	KN-mm/mm	KN-mm/mm
435	457	Qm	4.0991	2.2744	-0.1653
435	483	Qm	3.5953	2.1154	-0.1366
435	482	Qm	3.7554	2.5556	-0.1704
435	456	Qs	-3.150E-09	-4.091E-09	-4.449E-10
435	457	Qs	-3.577E-09	-4.917E-09	-5.195E-10
435	483	Qs	-3.064E-09	-4.792E-09	-4.893E-10
435	482	Qs	-3.098E-09	-3.851E-09	-4.531E-10
435	456	T+	0.	0.	0.
435	457	T+	0.	0.	0.
435	483	T+	0.	0.	0.
435	482	T+	0.	0.	0.
435	456	T-	0.	0.	0.
435	457	T-	0.	0.	0.
435	483	T-	0.	0.	0.
435	482	T-	0.	0.	0.
435	456	W	-2.7594	0.6317	0.1108
435	457	W	-2.7246	0.8214	0.1071
435	483	W	-3.2129	0.7184	0.1078
435	482	W	-3.2452	0.5574	0.1114
435	456	Qm-1	5.0603	2.1902	-0.2212
435	457	Qm-1	5.1694	2.9097	-0.1807
435	483	Qm-1	4.5863	2.6873	-0.1715
435	482	Qm-1	4.4542	1.9803	-0.212
435	456	Qm-2	0.0796	0.3338	0.1109
435	457	Qm-2	0.0515	0.3214	0.1193
435	483	Qm-2	0.086	0.3133	0.1289
435	482	Qm-2	0.1064	0.3139	0.1205
436	457	DEAD	0.	0.	0.
436	458	DEAD	0.	0.	0.
436	484	DEAD	0.	0.	0.
436	483	DEAD	0.	0.	0.
436	457	G1	7.664E-08	4.954E-09	-7.097E-09
436	458	G1	6.782E-08	-2.548E-08	-4.355E-09
436	484	G1	5.669E-08	-3.308E-08	-3.550E-09
436	483	G1	6.343E-08	-3.801E-09	-5.064E-09
436	457	G2	-0.8602	-0.4496	-1.062E-04
436	458	G2	-0.8714	-0.5026	0.004
436	484	G2	-0.7952	-0.4965	0.0044
436	483	G2	-0.784	-0.445	2.156E-04
436	457	Qm	4.0992	2.2751	-0.1438
436	458	Qm	3.9115	1.7369	-0.1302
436	484	Qm	3.4165	1.631	-0.0965
436	483	Qm	3.5955	2.1163	-0.11
436	457	Qs	-3.596E-09	-4.719E-09	-4.649E-10
436	458	Qs	-3.437E-09	-5.216E-09	-3.844E-10
436	484	Qs	-3.560E-09	-5.603E-09	-3.541E-10
436	483	Qs	-3.124E-09	-4.781E-09	-4.730E-10
436	457	T+	0.	0.	0.
436	458	T+	0.	0.	0.
436	484	T+	0.	0.	0.
436	483	T+	0.	0.	0.
436	457	T-	0.	0.	0.
436	458	T-	0.	0.	0.
436	484	T-	0.	0.	0.

Table 27: Element Forces - Area Shells, Part 2 of 3

Area	Joint	OutputCase	M11	M22	M12
			KN-mm/mm	KN-mm/mm	KN-mm/mm
436	483	T-	0.	0.	0.
436	457	W	-2.7247	0.8213	0.1046
436	458	W	-2.6972	1.0505	0.1089
436	484	W	-3.1942	0.9363	0.1179
436	483	W	-3.2131	0.7177	0.1136
436	457	Qm-1	5.1694	2.9096	-0.1437
436	458	Qm-1	4.9713	2.222	-0.102
436	484	Qm-1	4.4094	2.0152	-0.0805
436	483	Qm-1	4.5863	2.6871	-0.1223
436	457	Qm-2	0.0515	0.3215	0.1279
436	458	Qm-2	0.0259	0.2766	0.1326
436	484	Qm-2	0.0711	0.2785	0.1377
436	483	Qm-2	0.086	0.3132	0.133
437	458	DEAD	0.	0.	0.
437	459	DEAD	0.	0.	0.
437	485	DEAD	0.	0.	0.
437	484	DEAD	0.	0.	0.
437	458	G1	6.989E-08	-2.281E-08	-2.347E-09
437	459	G1	5.510E-08	-4.896E-08	-1.993E-09
437	485	G1	5.686E-08	-4.435E-08	-9.288E-10
437	484	G1	5.475E-08	-3.264E-08	-1.283E-09
437	458	G2	-0.8714	-0.5025	0.0078
437	459	G2	-0.8831	-0.5519	0.0116
437	485	G2	-0.806	-0.5457	0.0122
437	484	G2	-0.7952	-0.4965	0.0084
437	458	Qm	3.9116	1.7374	-0.1251
437	459	Qm	3.7863	1.497	-0.1296
437	485	Qm	3.3084	1.43	-0.0994
437	484	Qm	3.4167	1.6316	-0.0948
437	458	Qs	-3.500E-09	-5.179E-09	-2.943E-10
437	459	Qs	-3.992E-09	-6.025E-09	-2.943E-10
437	485	Qs	-3.226E-09	-5.803E-09	-2.943E-10
437	484	Qs	-3.435E-09	-5.235E-09	-2.943E-10
437	458	T+	0.	0.	0.
437	459	T+	0.	0.	0.
437	485	T+	0.	0.	0.
437	484	T+	0.	0.	0.
437	458	T-	0.	0.	0.
437	459	T-	0.	0.	0.
437	485	T-	0.	0.	0.
437	484	T-	0.	0.	0.
437	458	W	-2.6972	1.0506	0.1096
437	459	W	-2.6775	1.3201	0.1125
437	485	W	-3.1917	1.218	0.1308
437	484	W	-3.1942	0.9365	0.1279
437	458	Qm-1	4.9713	2.2223	-0.0686
437	459	Qm-1	4.8277	1.9207	-0.0357
437	485	Qm-1	4.2863	1.7491	-0.0038
437	484	Qm-1	4.4095	2.0156	-0.0367
437	458	Qm-2	0.0258	0.2763	0.1363
437	459	Qm-2	3.141E-04	0.2067	0.1373
437	485	Qm-2	0.053	0.2198	0.1411
437	484	Qm-2	0.071	0.2778	0.14
438	459	DEAD	0.	0.	0.

Table 27: Element Forces - Area Shells, Part 2 of 3

Area	Joint	OutputCase	M11	M22	M12
			KN-mm/mm	KN-mm/mm	KN-mm/mm
438	460	DEAD	0.	0.	0.
438	486	DEAD	0.	0.	0.
438	485	DEAD	0.	0.	0.
438	459	G1	5.729E-08	-4.630E-08	-1.706E-09
438	460	G1	6.482E-08	-4.087E-08	4.570E-10
438	486	G1	4.732E-08	-4.617E-08	6.760E-11
438	485	G1	5.422E-08	-5.129E-08	-2.523E-10
438	459	G2	-0.8831	-0.5519	0.0153
438	460	G2	-0.8951	-0.5962	0.0194
438	486	G2	-0.8166	-0.5907	0.0204
438	485	G2	-0.806	-0.5458	0.0163
438	459	Qm	3.7863	1.4972	-0.1369
438	460	Qm	3.7297	1.5334	-0.1513
438	486	Qm	3.2744	1.4833	-0.1288
438	485	Qm	3.3084	1.4301	-0.1143
438	459	Qs	-4.057E-09	-5.985E-09	-2.705E-10
438	460	Qs	-3.294E-09	-5.333E-09	-2.402E-10
438	486	Qs	-3.292E-09	-5.420E-09	-2.926E-10
438	485	Qs	-3.133E-09	-5.727E-09	-2.845E-10
438	459	T+	0.	0.	0.
438	460	T+	0.	0.	0.
438	486	T+	0.	0.	0.
438	485	T+	0.	0.	0.
438	459	T-	0.	0.	0.
438	460	T-	0.	0.	0.
438	486	T-	0.	0.	0.
438	485	T-	0.	0.	0.
438	459	W	-2.6774	1.3205	0.1094
438	460	W	-2.6592	1.6172	0.1025
438	486	W	-3.1941	1.542	0.125
438	485	W	-3.1914	1.2191	0.132
438	459	Qm-1	4.8278	1.921	-0.0111
438	460	Qm-1	4.7433	1.9871	0.0095
438	486	Qm-1	4.2332	1.849	0.0451
438	485	Qm-1	4.2865	1.7498	0.0245
438	459	Qm-2	2.804E-04	0.2065	0.1338
438	460	Qm-2	-0.0297	0.1272	0.1277
438	486	Qm-2	0.0193	0.1636	0.1353
438	485	Qm-2	0.053	0.2198	0.1414
439	460	DEAD	0.	0.	0.
439	461	DEAD	0.	0.	0.
439	487	DEAD	0.	0.	0.
439	486	DEAD	0.	0.	0.
439	460	G1	6.470E-08	-4.126E-08	1.208E-09
439	461	G1	6.240E-08	-2.679E-08	1.208E-09
439	487	G1	5.127E-08	-2.756E-08	2.272E-09
439	486	G1	4.773E-08	-4.909E-08	2.272E-09
439	460	G2	-0.8951	-0.5963	0.0233
439	461	G2	-0.9076	-0.6336	0.0277
439	487	G2	-0.8276	-0.6287	0.0294
439	486	G2	-0.8166	-0.5908	0.025
439	460	Qm	3.7297	1.5334	-0.1641
439	461	Qm	3.7426	1.8385	-0.18
439	487	Qm	3.3102	1.7877	-0.1647

Table 27: Element Forces - Area Shells, Part 2 of 3

Area	Joint	OutputCase	M11	M22	M12
			KN-mm/mm	KN-mm/mm	KN-mm/mm
439	486	Qm	3.2744	1.483	-0.1488
439	460	Qs	-3.430E-09	-5.417E-09	-2.909E-10
439	461	Qs	-3.293E-09	-4.946E-09	-2.304E-10
439	487	Qs	-3.252E-09	-4.996E-09	-2.466E-10
439	486	Qs	-3.240E-09	-5.414E-09	-2.304E-10
439	460	T+	0.	0.	0.
439	461	T+	0.	0.	0.
439	487	T+	0.	0.	0.
439	486	T+	0.	0.	0.
439	460	T-	0.	0.	0.
439	461	T-	0.	0.	0.
439	487	T-	0.	0.	0.
439	486	T-	0.	0.	0.
439	460	W	-2.6591	1.6178	0.0916
439	461	W	-2.6321	1.9213	0.0731
439	487	W	-3.1824	1.8679	0.0913
439	486	W	-3.194	1.5428	0.1097
439	460	Qm-1	4.7433	1.9873	0.0237
439	461	Qm-1	4.7219	2.4031	0.0343
439	487	Qm-1	4.2446	2.293	0.0722
439	486	Qm-1	4.2331	1.8487	0.0616
439	460	Qm-2	-0.0297	0.1274	0.1169
439	461	Qm-2	-0.0628	0.0453	0.1026
439	487	Qm-2	-0.0135	0.0967	0.1101
439	486	Qm-2	0.0194	0.1643	0.1244
440	461	DEAD	0.	0.	0.
440	462	DEAD	0.	0.	0.
440	488	DEAD	0.	0.	0.
440	487	DEAD	0.	0.	0.
440	461	G1	6.230E-08	-2.852E-08	5.393E-10
440	462	G1	4.955E-08	-6.906E-08	-1.700E-10
440	488	G1	4.386E-08	-6.966E-08	8.940E-10
440	487	G1	5.079E-08	-2.881E-08	1.603E-09
440	461	G2	-0.9076	-0.6336	0.0318
440	462	G2	-0.9205	-0.6622	0.0364
440	488	G2	-0.8395	-0.6572	0.0392
440	487	G2	-0.8276	-0.6288	0.0346
440	461	Qm	3.7426	1.8383	-0.192
440	462	Qm	3.7821	2.2152	-0.2038
440	488	Qm	3.37	2.1539	-0.1936
440	487	Qm	3.3101	1.7874	-0.1818
440	461	Qs	-3.415E-09	-5.156E-09	-2.675E-10
440	462	Qs	-3.124E-09	-5.073E-09	-2.897E-10
440	488	Qs	-3.219E-09	-5.170E-09	-3.340E-10
440	487	Qs	-3.193E-09	-4.821E-09	-3.118E-10
440	461	T+	0.	0.	0.
440	462	T+	0.	0.	0.
440	488	T+	0.	0.	0.
440	487	T+	0.	0.	0.
440	461	T-	0.	0.	0.
440	462	T-	0.	0.	0.
440	488	T-	0.	0.	0.
440	487	T-	0.	0.	0.
440	461	W	-2.6321	1.9215	0.0559

Table 27: Element Forces - Area Shells, Part 2 of 3

Area	Joint	OutputCase	M11	M22	M12
			KN-mm/mm	KN-mm/mm	KN-mm/mm
440	462	W	-2.5883	2.215	0.0317
440	488	W	-3.1417	2.1636	0.0386
440	487	W	-3.1823	1.8683	0.0628
440	461	Qm-1	4.722	2.4032	0.0388
440	462	Qm-1	4.2842	0.756	0.0394
440	488	Qm-1	3.8331	0.6778	0.0803
440	487	Qm-1	4.2446	2.2929	0.0798
440	461	Qm-2	-0.0628	0.0454	0.0881
440	462	Qm-2	-0.0919	-0.0413	0.0723
440	488	Qm-2	-0.0368	0.0041	0.0757
440	487	Qm-2	-0.0135	0.0967	0.0916
441	462	DEAD	0.	0.	0.
441	463	DEAD	0.	0.	0.
441	489	DEAD	0.	0.	0.
441	488	DEAD	0.	0.	0.
441	462	G1	4.820E-08	-7.252E-08	-5.594E-10
441	463	G1	4.257E-08	-9.596E-08	-1.883E-09
441	489	G1	3.490E-08	-9.858E-08	1.499E-10
441	488	G1	4.430E-08	-6.923E-08	2.449E-10
441	462	G2	-0.9205	-0.6622	0.0406
441	463	G2	-0.9336	-0.6805	0.0451
441	489	G2	-0.8521	-0.6747	0.0489
441	488	G2	-0.8395	-0.6572	0.0444
441	462	Qm	3.782	2.215	-0.2113
441	463	Qm	3.8047	2.4719	-0.2165
441	489	Qm	3.4094	2.3965	-0.2086
441	488	Qm	3.3699	2.1536	-0.2034
441	462	Qs	-3.241E-09	-5.081E-09	-3.199E-10
441	463	Qs	-3.334E-09	-5.333E-09	-2.815E-10
441	489	Qs	-3.108E-09	-5.280E-09	-3.199E-10
441	488	Qs	-3.193E-09	-5.225E-09	-2.815E-10
441	462	T+	0.	0.	0.
441	463	T+	0.	0.	0.
441	489	T+	0.	0.	0.
441	488	T+	0.	0.	0.
441	462	T-	0.	0.	0.
441	463	T-	0.	0.	0.
441	489	T-	0.	0.	0.
441	488	T-	0.	0.	0.
441	462	W	-2.5883	2.2149	0.0137
441	463	W	-2.5269	2.4938	-0.0068
441	489	W	-3.0714	2.4244	-0.0117
441	488	W	-3.1417	2.1633	0.0088
441	462	Qm-1	4.2842	0.7562	0.0334
441	463	Qm-1	3.9118	-0.5667	0.0216
441	489	Qm-1	3.4797	-0.6087	0.0641
441	488	Qm-1	3.8332	0.678	0.0759
441	462	Qm-2	-0.0919	-0.0415	0.0599
441	463	Qm-2	-0.1159	-0.1286	0.0498
441	489	Qm-2	-0.0536	-0.1015	0.0502
441	488	Qm-2	-0.0369	0.0037	0.0604
442	463	DEAD	0.	0.	0.
442	464	DEAD	0.	0.	0.
442	490	DEAD	0.	0.	0.

Table 27: Element Forces - Area Shells, Part 2 of 3

Area	Joint	OutputCase	M11	M22	M12
			KN-mm/mm	KN-mm/mm	KN-mm/mm
442	489	DEAD	0.	0.	0.
442	463	G1	4.129E-08	-1.009E-07	-2.130E-09
442	464	G1	4.092E-08	-1.182E-07	-2.450E-09
442	490	G1	2.541E-08	-1.185E-07	-3.194E-09
442	489	G1	3.285E-08	-9.898E-08	-1.031E-09
442	463	G2	-0.9336	-0.6805	0.0491
442	464	G2	-0.9463	-0.6878	0.0532
442	490	G2	-0.8642	-0.6809	0.0579
442	489	G2	-0.8521	-0.6747	0.0537
442	463	Qm	3.8047	2.4717	-0.218
442	464	Qm	3.8078	2.6183	-0.2162
442	490	Qm	3.4257	2.5298	-0.2086
442	489	Qm	3.4094	2.3964	-0.2103
442	463	Qs	-3.465E-09	-5.610E-09	-2.931E-10
442	464	Qs	-2.892E-09	-5.063E-09	-3.374E-10
442	490	Qs	-3.252E-09	-5.208E-09	-3.596E-10
442	489	Qs	-3.105E-09	-5.266E-09	-3.153E-10
442	463	T+	0.	0.	0.
442	464	T+	0.	0.	0.
442	490	T+	0.	0.	0.
442	489	T+	0.	0.	0.
442	463	T-	0.	0.	0.
442	464	T-	0.	0.	0.
442	490	T-	0.	0.	0.
442	489	T-	0.	0.	0.
442	463	W	-2.527	2.4934	-0.0198
442	464	W	-2.4543	2.7656	-0.031
442	490	W	-2.9851	2.6741	-0.0424
442	489	W	-3.0715	2.4238	-0.0312
442	463	Qm-1	3.9119	-0.5664	0.0044
442	464	Qm-1	3.6097	-1.5796	-0.0208
442	490	Qm-1	3.1919	-1.5869	0.0191
442	489	Qm-1	3.4798	-0.6082	0.0443
442	463	Qm-2	-0.1159	-0.1288	0.0433
442	464	Qm-2	-0.1373	-0.2058	0.041
442	490	Qm-2	-0.072	-0.1963	0.0422
442	489	Qm-2	-0.0536	-0.1018	0.0444
443	464	DEAD	0.	0.	0.
443	465	DEAD	0.	0.	0.
443	491	DEAD	0.	0.	0.
443	490	DEAD	0.	0.	0.
443	464	G1	4.173E-08	-1.165E-07	-3.836E-09
443	465	G1	2.863E-08	-1.299E-07	-4.190E-09
443	491	G1	2.653E-08	-1.276E-07	-3.126E-09
443	490	G1	2.442E-08	-1.201E-07	-2.772E-09
443	464	G2	-0.9463	-0.6878	0.057
443	465	G2	-0.9577	-0.6833	0.0609
443	491	G2	-0.8748	-0.6759	0.0659
443	490	G2	-0.8642	-0.6809	0.062
443	464	Qm	3.8078	2.6182	-0.2119
443	465	Qm	3.7897	2.6634	-0.2045
443	491	Qm	3.4179	2.5652	-0.1957
443	490	Qm	3.4257	2.5298	-0.2032
443	464	Qs	-2.951E-09	-5.075E-09	-3.583E-10

Table 27: Element Forces - Area Shells, Part 2 of 3

Area	Joint	OutputCase	M11	M22	M12
			KN-mm/mm	KN-mm/mm	KN-mm/mm
443	465	Qs	-3.398E-09	-4.968E-09	-3.583E-10
443	491	Qs	-2.838E-09	-4.906E-09	-3.583E-10
443	490	Qs	-3.246E-09	-5.137E-09	-3.583E-10
443	464	T+	0.	0.	0.
443	465	T+	0.	0.	0.
443	491	T+	0.	0.	0.
443	490	T+	0.	0.	0.
443	464	T-	0.	0.	0.
443	465	T-	0.	0.	0.
443	491	T-	0.	0.	0.
443	490	T-	0.	0.	0.
443	464	W	-2.4543	2.7654	-0.0378
443	465	W	-2.3777	3.0423	-0.0418
443	491	W	-2.9001	2.9431	-0.0527
443	490	W	-2.9853	2.6731	-0.0487
443	464	Qm-1	3.6097	-1.5794	-0.0489
443	465	Qm-1	3.3834	-2.2968	-0.0858
443	491	Qm-1	2.9778	-2.2775	-0.0527
443	490	Qm-1	3.192	-1.5866	-0.0158
443	464	Qm-2	-0.1374	-0.2059	0.041
443	465	Qm-2	-0.1585	-0.2632	0.0444
443	491	Qm-2	-0.0932	-0.2634	0.0481
443	490	Qm-2	-0.072	-0.1963	0.0446
444	465	DEAD	0.	0.	0.
444	466	DEAD	0.	0.	0.
444	492	DEAD	0.	0.	0.
444	491	DEAD	0.	0.	0.
444	465	G1	3.086E-08	-1.277E-07	-4.914E-09
444	466	G1	2.817E-08	-1.344E-07	-4.300E-09
444	492	G1	2.603E-08	-1.370E-07	-4.914E-09
444	491	G1	2.520E-08	-1.258E-07	-4.300E-09
444	465	G2	-0.9577	-0.6833	0.0647
444	466	G2	-0.9672	-0.666	0.0687
444	492	G2	-0.8829	-0.6588	0.0737
444	491	G2	-0.8748	-0.6759	0.0698
444	465	Qm	3.7897	2.6633	-0.1957
444	466	Qm	3.7497	2.6147	-0.1843
444	492	Qm	3.3863	2.5111	-0.1736
444	491	Qm	3.4179	2.5652	-0.185
444	465	Qs	-3.226E-09	-4.826E-09	-2.897E-10
444	466	Qs	-2.975E-09	-4.597E-09	-1.626E-10
444	492	Qs	-2.766E-09	-4.788E-09	-3.118E-10
444	491	Qs	-2.903E-09	-4.902E-09	-3.621E-10
444	465	T+	0.	0.	0.
444	466	T+	0.	0.	0.
444	492	T+	0.	0.	0.
444	491	T+	0.	0.	0.
444	465	T-	0.	0.	0.
444	466	T-	0.	0.	0.
444	492	T-	0.	0.	0.
444	491	T-	0.	0.	0.
444	465	W	-2.3776	3.0424	-0.0463
444	466	W	-2.2984	3.3282	-0.0521
444	492	W	-2.8235	3.2457	-0.0601

Table 27: Element Forces - Area Shells, Part 2 of 3

Area	Joint	OutputCase	M11	M22	M12
			KN-mm/mm	KN-mm/mm	KN-mm/mm
444	491	W	-2.9001	2.9431	-0.0543
444	465	Qm-1	3.3834	-2.2967	-0.1223
444	466	Qm-1	3.2376	-2.7283	-0.1668
444	492	Qm-1	2.8425	-2.694	-0.1436
444	491	Qm-1	2.9778	-2.2773	-0.0991
444	465	Qm-2	-0.1585	-0.2632	0.0489
444	466	Qm-2	-0.1796	-0.2961	0.0554
444	492	Qm-2	-0.1127	-0.3009	0.0609
444	491	Qm-2	-0.0932	-0.2633	0.0544
445	466	DEAD	0.	0.	0.
445	467	DEAD	0.	0.	0.
445	493	DEAD	0.	0.	0.
445	492	DEAD	0.	0.	0.
445	466	G1	2.720E-08	-1.393E-07	-6.368E-09
445	467	G1	2.242E-08	-1.364E-07	-7.077E-09
445	493	G1	2.525E-08	-1.384E-07	-5.304E-09
445	492	G1	2.565E-08	-1.319E-07	-4.594E-09
445	466	G2	-0.9672	-0.666	0.0727
445	467	G2	-0.974	-0.6345	0.0769
445	493	G2	-0.8882	-0.6279	0.082
445	492	G2	-0.8829	-0.6588	0.0778
445	466	Qm	3.7497	2.6147	-0.1727
445	467	Qm	3.6878	2.478	-0.1594
445	493	Qm	3.3316	2.3738	-0.1465
445	492	Qm	3.3863	2.5111	-0.1598
445	466	Qs	-3.011E-09	-4.625E-09	-2.107E-10
445	467	Qs	-3.431E-09	-4.799E-09	-2.107E-10
445	493	Qs	-2.695E-09	-4.709E-09	-1.220E-10
445	492	Qs	-2.741E-09	-4.674E-09	-1.220E-10
445	466	T+	0.	0.	0.
445	467	T+	0.	0.	0.
445	493	T+	0.	0.	0.
445	492	T+	0.	0.	0.
445	466	T-	0.	0.	0.
445	467	T-	0.	0.	0.
445	493	T-	0.	0.	0.
445	492	T-	0.	0.	0.
445	466	W	-2.2983	3.3287	-0.0616
445	467	W	-2.2075	3.6155	-0.0793
445	493	W	-2.746	3.5699	-0.0889
445	492	W	-2.8233	3.2467	-0.0711
445	466	Qm-1	3.2376	-2.7282	-0.208
445	467	Qm-1	3.1751	-2.8776	-0.2553
445	493	Qm-1	2.7884	-2.8408	-0.2434
445	492	Qm-1	2.8425	-2.694	-0.196
445	466	Qm-2	-0.1796	-0.2961	0.0623
445	467	Qm-2	-0.1996	-0.3036	0.0704
445	493	Qm-2	-0.1277	-0.3101	0.077
445	492	Qm-2	-0.1127	-0.3008	0.0689
446	467	DEAD	0.	0.	0.
446	468	DEAD	0.	0.	0.
446	494	DEAD	0.	0.	0.
446	493	DEAD	0.	0.	0.
446	467	G1	2.120E-08	-1.354E-07	-6.068E-09

Table 27: Element Forces - Area Shells, Part 2 of 3

Area	Joint	OutputCase	M11	M22	M12
			KN-mm/mm	KN-mm/mm	KN-mm/mm
446	468	G1	2.395E-08	-1.334E-07	-7.132E-09
446	494	G1	2.085E-08	-1.255E-07	-6.422E-09
446	493	G1	2.355E-08	-1.407E-07	-5.358E-09
446	467	G2	-0.974	-0.6344	0.0813
446	468	G2	-0.9773	-0.5871	0.0857
446	494	G2	-0.8907	-0.5804	0.0908
446	493	G2	-0.8882	-0.6279	0.0864
446	467	Qm	3.6878	2.478	-0.147
446	468	Qm	3.6044	2.2575	-0.134
446	494	Qm	3.2544	2.1577	-0.1187
446	493	Qm	3.3316	2.3738	-0.1318
446	467	Qs	-3.524E-09	-4.765E-09	-7.678E-11
446	468	Qs	-3.019E-09	-4.384E-09	-1.373E-10
446	494	Qs	-3.028E-09	-4.347E-09	-7.678E-11
446	493	Qs	-2.636E-09	-4.733E-09	-9.301E-11
446	467	T+	0.	0.	0.
446	468	T+	0.	0.	0.
446	494	T+	0.	0.	0.
446	493	T+	0.	0.	0.
446	467	T-	0.	0.	0.
446	468	T-	0.	0.	0.
446	494	T-	0.	0.	0.
446	493	T-	0.	0.	0.
446	467	W	-2.2073	3.6164	-0.0996
446	468	W	-2.0846	3.8924	-0.1348
446	494	W	-2.6486	3.8867	-0.156
446	493	W	-2.7459	3.5707	-0.1207
446	467	Qm-1	3.175	-2.8777	-0.2969
446	468	Qm-1	3.1963	-2.7419	-0.3422
446	494	Qm-1	2.8162	-2.7143	-0.3415
446	493	Qm-1	2.7884	-2.8409	-0.2962
446	467	Qm-2	-0.1996	-0.3037	0.0784
446	468	Qm-2	-0.219	-0.2864	0.0872
446	494	Qm-2	-0.1384	-0.2914	0.0949
446	493	Qm-2	-0.1277	-0.3101	0.0862
447	468	DEAD	0.	0.	0.
447	469	DEAD	0.	0.	0.
447	495	DEAD	0.	0.	0.
447	494	DEAD	0.	0.	0.
447	468	G1	2.524E-08	-1.292E-07	-7.126E-09
447	469	G1	3.206E-08	-1.097E-07	-7.836E-09
447	495	G1	2.679E-08	-1.076E-07	-9.254E-09
447	494	G1	2.013E-08	-1.300E-07	-8.545E-09
447	468	G2	-0.9773	-0.587	0.0902
447	469	G2	-0.975	-0.5223	0.0943
447	495	G2	-0.8895	-0.514	0.099
447	494	G2	-0.8907	-0.5803	0.095
447	468	Qm	3.6044	2.2575	-0.1229
447	469	Qm	3.5004	1.9557	-0.1124
447	495	Qm	3.1552	1.8657	-0.0948
447	494	Qm	3.2544	2.1577	-0.1054
447	468	Qs	-3.044E-09	-4.338E-09	-2.902E-11
447	469	Qs	-2.895E-09	-3.697E-09	-6.858E-12
447	495	Qs	-2.521E-09	-3.448E-09	-7.336E-11

Table 27: Element Forces - Area Shells, Part 2 of 3

Area	Joint	OutputCase	M11	M22	M12
			KN-mm/mm	KN-mm/mm	KN-mm/mm
447	494	Qs	-3.064E-09	-4.675E-09	-9.552E-11
447	468	T+	0.	0.	0.
447	469	T+	0.	0.	0.
447	495	T+	0.	0.	0.
447	494	T+	0.	0.	0.
447	468	T-	0.	0.	0.
447	469	T-	0.	0.	0.
447	495	T-	0.	0.	0.
447	494	T-	0.	0.	0.
447	468	W	-2.0843	3.8939	-0.1673
447	469	W	-1.9006	4.1587	-0.2203
447	495	W	-2.5049	4.1863	-0.265
447	494	W	-2.6485	3.887	-0.212
447	468	Qm-1	3.1963	-2.7421	-0.3801
447	469	Qm-1	3.3001	-2.3117	-0.4191
447	495	Qm-1	2.9255	-2.3028	-0.4284
447	494	Qm-1	2.8162	-2.7145	-0.3894
447	468	Qm-2	-0.219	-0.2864	0.0949
447	469	Qm-2	-0.2388	-0.2464	0.1029
447	495	Qm-2	-0.1472	-0.2449	0.1124
447	494	Qm-2	-0.1384	-0.2916	0.1045
448	469	DEAD	0.	0.	0.
448	470	DEAD	0.	0.	0.
448	496	DEAD	0.	0.	0.
448	495	DEAD	0.	0.	0.
448	469	G1	3.233E-08	-1.085E-07	-8.880E-09
448	470	G1	3.597E-08	-8.163E-08	-8.525E-09
448	496	G1	3.473E-08	-8.267E-08	-8.525E-09
448	495	G1	2.586E-08	-1.098E-07	-8.880E-09
448	469	G2	-0.975	-0.5221	0.0988
448	470	G2	-0.963	-0.4386	0.1016
448	496	G2	-0.8821	-0.4273	0.1047
448	495	G2	-0.8895	-0.5139	0.1018
448	469	Qm	3.5005	1.9558	-0.1048
448	470	Qm	3.3773	1.5733	-0.0991
448	496	Qm	3.0351	1.4984	-0.0796
448	495	Qm	3.1553	1.8658	-0.0853
448	469	Qs	-2.916E-09	-3.686E-09	-3.496E-11
448	470	Qs	-2.510E-09	-2.925E-09	9.368E-12
448	496	Qs	-2.644E-09	-3.193E-09	9.368E-12
448	495	Qs	-2.455E-09	-3.512E-09	-3.496E-11
448	469	T+	0.	0.	0.
448	470	T+	0.	0.	0.
448	496	T+	0.	0.	0.
448	495	T+	0.	0.	0.
448	469	T-	0.	0.	0.
448	470	T-	0.	0.	0.
448	496	T-	0.	0.	0.
448	495	T-	0.	0.	0.
448	469	W	-1.9007	4.1582	-0.2659
448	470	W	-1.5937	4.4891	-0.3275
448	496	W	-2.3258	4.4879	-0.4024
448	495	W	-2.5045	4.188	-0.3408
448	469	Qm-1	3.3	-2.3119	-0.4503

Table 27: Element Forces - Area Shells, Part 2 of 3

Area	Joint	OutputCase	M11	M22	M12
			KN-mm/mm	KN-mm/mm	KN-mm/mm
448	470	Qm-1	3.4831	-1.5717	-0.4802
448	496	Qm-1	3.1128	-1.5861	-0.4966
448	495	Qm-1	2.9254	-2.3032	-0.4668
448	469	Qm-2	-0.2388	-0.2463	0.1084
448	470	Qm-2	-0.2594	-0.1895	0.1128
448	496	Qm-2	-0.1586	-0.1734	0.1248
448	495	Qm-2	-0.1472	-0.2449	0.1204
449	470	DEAD	0.	0.	0.
449	471	DEAD	0.	0.	0.
449	497	DEAD	0.	0.	0.
449	496	DEAD	0.	0.	0.
449	470	G1	3.806E-08	-8.031E-08	-7.658E-09
449	471	G1	4.562E-08	-4.627E-08	-8.143E-09
449	497	G1	4.374E-08	-4.449E-08	-8.722E-09
449	496	G1	3.357E-08	-8.421E-08	-8.852E-09
449	470	G2	-0.963	-0.4383	0.1057
449	471	G2	-0.9338	-0.3326	0.1067
449	497	G2	-0.8629	-0.3179	0.1056
449	496	G2	-0.882	-0.4271	0.1046
449	470	Qm	3.3774	1.5734	-0.0969
449	471	Qm	3.2374	1.1091	-0.0982
449	497	Qm	2.8959	1.0533	-0.0779
449	496	Qm	3.0351	1.4985	-0.0766
449	470	Qs	-2.425E-09	-2.742E-09	1.297E-10
449	471	Qs	-2.440E-09	-2.165E-09	1.659E-10
449	497	Qs	-2.361E-09	-2.224E-09	1.519E-10
449	496	Qs	-2.523E-09	-3.112E-09	7.724E-11
449	470	T+	0.	0.	0.
449	471	T+	0.	0.	0.
449	497	T+	0.	0.	0.
449	496	T+	0.	0.	0.
449	470	T-	0.	0.	0.
449	471	T-	0.	0.	0.
449	497	T-	0.	0.	0.
449	496	T-	0.	0.	0.
449	470	W	-1.5928	4.4936	-0.3642
449	471	W	-1.2121	4.9628	-0.4435
449	497	W	-1.8842	5.0691	-0.5711
449	496	W	-2.326	4.4867	-0.4918
449	470	Qm-1	3.483	-1.5719	-0.5036
449	471	Qm-1	3.7409	-0.5037	-0.5243
449	497	Qm-1	3.372	-0.5374	-0.5438
449	496	Qm-1	3.1127	-1.5866	-0.5231
449	470	Qm-2	-0.2594	-0.1893	0.1141
449	471	Qm-2	-0.2786	-0.1268	0.1126
449	497	Qm-2	-0.1716	-0.0942	0.1252
449	496	Qm-2	-0.1585	-0.1731	0.1267
450	471	DEAD	0.	0.	0.
450	472	DEAD	0.	0.	0.
450	498	DEAD	0.	0.	0.
450	497	DEAD	0.	0.	0.
450	471	G1	4.630E-08	-4.565E-08	-8.545E-09
450	472	G1	5.260E-08	-6.088E-09	-7.836E-09
450	498	G1	5.171E-08	-7.970E-09	-7.836E-09

Table 27: Element Forces - Area Shells, Part 2 of 3

Area	Joint	OutputCase	M11	M22	M12
			KN-mm/mm	KN-mm/mm	KN-mm/mm
450	497	G1	4.271E-08	-4.807E-08	-8.545E-09
450	471	G2	-0.9332	-0.3294	0.1106
450	472	G2	-0.8568	-0.2071	0.1029
450	498	G2	-0.8353	-0.1614	0.0928
450	497	G2	-0.8633	-0.32	0.1005
450	471	Qm	3.2374	1.1093	-0.103
450	472	Qm	3.0838	0.5605	-0.1126
450	498	Qm	2.7407	0.5254	-0.0931
450	497	Qm	2.8959	1.0534	-0.0835
450	471	Qs	-2.401E-09	-2.060E-09	2.035E-10
450	472	Qs	-2.476E-09	-1.654E-09	2.094E-10
450	498	Qs	-1.952E-09	-1.544E-09	2.700E-10
450	497	Qs	-2.246E-09	-2.300E-09	1.873E-10
450	471	T+	0.	0.	0.
450	472	T+	0.	0.	0.
450	498	T+	0.	0.	0.
450	497	T+	0.	0.	0.
450	471	T-	0.	0.	0.
450	472	T-	0.	0.	0.
450	498	T-	0.	0.	0.
450	497	T-	0.	0.	0.
450	471	W	-1.1451	5.2979	-0.5363
450	472	W	2.1433	4.8376	-1.3414
450	498	W	-3.7417	7.9008	-1.5407
450	497	W	-1.9456	4.7621	-0.7356
450	471	Qm-1	3.7409	-0.5038	-0.5417
450	472	Qm-1	4.0706	0.9093	-0.5573
450	498	Qm-1	3.6971	0.8694	-0.5762
450	497	Qm-1	3.372	-0.5377	-0.5607
450	471	Qm-2	-0.2786	-0.1267	0.1099
450	472	Qm-2	-0.2938	-0.0711	0.1042
450	498	Qm-2	-0.1779	-0.032	0.1136
450	497	Qm-2	-0.1715	-0.0938	0.1193
451	472	DEAD	0.	0.	0.
451	473	DEAD	0.	0.	0.
451	499	DEAD	0.	0.	0.
451	498	DEAD	0.	0.	0.
451	472	G1	5.223E-08	-1.013E-08	-8.962E-09
451	473	G1	5.298E-08	-5.911E-09	-8.313E-09
451	499	G1	4.979E-08	-7.427E-09	-9.671E-09
451	498	G1	5.280E-08	-5.734E-09	-7.249E-09
451	472	G2	-0.8582	-0.2144	0.0942
451	473	G2	-0.6424	0.1651	0.1107
451	499	G2	-0.8713	-0.0113	0.0953
451	498	G2	-0.8347	-0.1586	0.0788
451	472	Qm	3.0839	0.5607	-0.1252
451	473	Qm	2.9599	0.1247	-0.1433
451	499	Qm	2.6138	0.1089	-0.1265
451	498	Qm	2.7407	0.5256	-0.1084
451	472	Qs	-2.518E-09	-1.848E-09	1.698E-10
451	473	Qs	-2.328E-09	-6.486E-10	1.476E-10
451	499	Qs	-2.036E-09	-7.674E-10	2.141E-10
451	498	Qs	-1.915E-09	-1.444E-09	2.363E-10
451	472	T+	0.	0.	0.

Table 27: Element Forces - Area Shells, Part 2 of 3

Area	Joint	OutputCase	M11	M22	M12
			KN-mm/mm	KN-mm/mm	KN-mm/mm
451	473	T+	0.	0.	0.
451	499	T+	0.	0.	0.
451	498	T+	0.	0.	0.
451	472	T-	0.	0.	0.
451	473	T-	0.	0.	0.
451	499	T-	0.	0.	0.
451	498	T-	0.	0.	0.
451	472	W	1.57	1.9711	-2.8236
451	473	W	2.406	37.2322	3.8545
451	499	W	-5.3036	-5.2676	4.9262
451	498	W	-3.3436	9.8916	-1.7519
451	472	Qm-1	4.0706	0.9093	-0.5733
451	473	Qm-1	3.9917	0.2772	-0.5908
451	499	Qm-1	3.6084	0.2495	-0.608
451	498	Qm-1	3.6971	0.8694	-0.5906
451	472	Qm-2	-0.2939	-0.0712	0.1006
451	473	Qm-2	-0.3035	-0.0297	0.0969
451	499	Qm-2	-0.1759	-0.0024	0.1015
451	498	Qm-2	-0.1779	-0.032	0.1052
452	473	DEAD	0.	0.	0.
452	474	DEAD	0.	0.	0.
452	500	DEAD	0.	0.	0.
452	499	DEAD	0.	0.	0.
452	473	G1	5.350E-08	-8.318E-09	-1.046E-08
452	474	G1	5.106E-08	3.689E-10	-1.082E-08
452	500	G1	5.018E-08	-1.536E-09	-9.399E-09
452	499	G1	4.986E-08	-5.616E-09	-9.044E-09
452	473	G2	-0.6428	0.1627	0.1407
452	474	G2	-0.7875	-0.0063	0.1643
452	500	G2	-0.8023	0.0041	0.1736
452	499	G2	-0.8709	-0.0094	0.1501
452	473	Qm	2.9599	0.1248	-0.1633
452	474	Qm	2.9099	5.173E-04	-0.189
452	500	Qm	2.5578	3.009E-04	-0.1767
452	499	Qm	2.6138	0.109	-0.1509
452	473	Qs	-2.355E-09	-8.127E-10	1.924E-10
452	474	Qs	-2.518E-09	-4.731E-11	1.843E-10
452	500	Qs	-1.895E-09	2.406E-11	2.811E-10
452	499	Qs	-2.044E-09	-8.037E-10	2.508E-10
452	473	T+	0.	0.	0.
452	474	T+	0.	0.	0.
452	500	T+	0.	0.	0.
452	499	T+	0.	0.	0.
452	473	T-	0.	0.	0.
452	474	T-	0.	0.	0.
452	500	T-	0.	0.	0.
452	499	T-	0.	0.	0.
452	473	W	-10.9461	-29.5283	4.0517
452	474	W	-12.3023	2.565	-2.641
452	500	W	-3.7307	-1.8038	-1.2046
452	499	W	-2.1628	10.4362	5.4881
452	473	Qm-1	3.9918	0.2775	-0.6112
452	474	Qm-1	3.992	6.164E-04	-0.638
452	500	Qm-1	3.5918	1.780E-05	-0.6565

Table 27: Element Forces - Area Shells, Part 2 of 3

Area	Joint	OutputCase	M11	M22	M12
			KN-mm/mm	KN-mm/mm	KN-mm/mm
452	499	Qm-1	3.6085	0.25	-0.6297
452	473	Qm-2	-0.3036	-0.03	0.098
452	474	Qm-2	-0.3141	-2.883E-04	0.1036
452	500	Qm-2	-0.1691	3.446E-04	0.1057
452	499	Qm-2	-0.176	-0.0029	0.1001
453	475	DEAD	0.	0.	0.
453	476	DEAD	0.	0.	0.
453	502	DEAD	0.	0.	0.
453	501	DEAD	0.	0.	0.
453	475	G1	6.408E-08	-3.041E-09	-9.733E-09
453	476	G1	6.205E-08	-3.280E-09	-1.080E-08
453	502	G1	4.644E-08	-8.272E-09	-1.115E-08
453	501	G1	4.263E-08	-3.543E-10	-1.009E-08
453	475	G2	-0.7889	-1.107E-04	-0.1162
453	476	G2	-0.7748	-0.0452	-0.1086
453	502	G2	-0.6806	-0.0437	-0.1179
453	501	G2	-0.6935	-6.660E-05	-0.1255
453	475	Qm	3.1016	4.903E-04	-0.2933
453	476	Qm	3.1246	0.1035	-0.3388
453	502	Qm	2.5727	0.104	-0.3371
453	501	Qm	2.5627	4.617E-04	-0.2915
453	475	Qs	-2.392E-09	-1.088E-10	-3.229E-10
453	476	Qs	-2.401E-09	-5.517E-10	-2.926E-10
453	502	Qs	-2.475E-09	-6.574E-10	-2.786E-10
453	501	Qs	-2.443E-09	-9.455E-11	-2.705E-10
453	475	T+	0.	0.	0.
453	476	T+	0.	0.	0.
453	502	T+	0.	0.	0.
453	501	T+	0.	0.	0.
453	475	T-	0.	0.	0.
453	476	T-	0.	0.	0.
453	502	T-	0.	0.	0.
453	501	T-	0.	0.	0.
453	475	W	-3.4063	-2.734E-04	0.4688
453	476	W	-3.3771	-0.0456	0.4401
453	502	W	-3.7977	-0.0799	0.4176
453	501	W	-3.8515	-9.512E-04	0.4464
453	475	Qm-1	3.9353	7.955E-04	-0.2543
453	476	Qm-1	3.9655	0.1289	-0.3103
453	502	Qm-1	3.2602	0.118	-0.3103
453	501	Qm-1	3.2412	6.300E-04	-0.2543
453	475	Qm-2	0.1579	-1.553E-05	0.0241
453	476	Qm-2	0.1518	0.033	0.0254
453	502	Qm-2	0.1394	0.0198	0.0279
453	501	Qm-2	0.135	-2.010E-06	0.0267
454	476	DEAD	0.	0.	0.
454	477	DEAD	0.	0.	0.
454	503	DEAD	0.	0.	0.
454	502	DEAD	0.	0.	0.
454	476	G1	6.185E-08	-5.920E-09	-1.168E-08
454	477	G1	6.138E-08	-1.197E-08	-1.261E-08
454	503	G1	4.483E-08	-1.230E-08	-1.310E-08
454	502	G1	4.684E-08	-5.944E-09	-1.155E-08
454	476	G2	-0.7748	-0.0452	-0.1017

Table 27: Element Forces - Area Shells, Part 2 of 3

Area	Joint	OutputCase	M11	M22	M12
			KN-mm/mm	KN-mm/mm	KN-mm/mm
454	477	G2	-0.7648	-0.0978	-0.0944
454	503	G2	-0.671	-0.0967	-0.1029
454	502	G2	-0.6806	-0.0437	-0.1102
454	476	Qm	3.1246	0.1037	-0.3807
454	477	Qm	3.2053	0.396	-0.4225
454	503	Qm	2.6289	0.3703	-0.4277
454	502	Qm	2.5727	0.1042	-0.3859
454	476	Qs	-2.499E-09	-6.295E-10	-2.687E-10
454	477	Qs	-2.775E-09	-1.666E-09	-2.687E-10
454	503	Qs	-2.510E-09	-1.416E-09	-2.687E-10
454	502	Qs	-2.440E-09	-7.209E-10	-2.687E-10
454	476	T+	0.	0.	0.
454	477	T+	0.	0.	0.
454	503	T+	0.	0.	0.
454	502	T+	0.	0.	0.
454	476	T-	0.	0.	0.
454	477	T-	0.	0.	0.
454	503	T-	0.	0.	0.
454	502	T-	0.	0.	0.
454	476	W	-3.3771	-0.0457	0.4127
454	477	W	-3.352	-0.0212	0.3935
454	503	W	-3.7603	-0.0594	0.3823
454	502	W	-3.7979	-0.0809	0.4015
454	476	Qm-1	3.9656	0.1291	-0.3582
454	477	Qm-1	4.0723	0.4972	-0.4032
454	503	Qm-1	3.3405	0.4367	-0.4136
454	502	Qm-1	3.2603	0.1185	-0.3685
454	476	Qm-2	0.1517	0.0327	0.0296
454	477	Qm-2	0.1454	0.0979	0.0372
454	503	Qm-2	0.1556	0.0734	0.0401
454	502	Qm-2	0.1394	0.02	0.0325
455	477	DEAD	0.	0.	0.
455	478	DEAD	0.	0.	0.
455	504	DEAD	0.	0.	0.
455	503	DEAD	0.	0.	0.
455	477	G1	6.087E-08	-1.173E-08	-1.367E-08
455	478	G1	6.182E-08	-6.351E-09	-1.390E-08
455	504	G1	5.103E-08	-9.870E-09	-1.438E-08
455	503	G1	4.409E-08	-1.203E-08	-1.354E-08
455	477	G2	-0.7648	-0.0978	-0.0874
455	478	G2	-0.7585	-0.1561	-0.0796
455	504	G2	-0.6645	-0.157	-0.0872
455	503	G2	-0.671	-0.0968	-0.095
455	477	Qm	3.2053	0.3958	-0.4543
455	478	Qm	3.3502	0.895	-0.4805
455	504	Qm	2.7395	0.8083	-0.4947
455	503	Qm	2.6289	0.3707	-0.4685
455	477	Qs	-2.824E-09	-1.613E-09	-3.054E-10
455	478	Qs	-2.626E-09	-2.330E-09	-2.914E-10
455	504	Qs	-2.907E-09	-2.627E-09	-2.833E-10
455	503	Qs	-2.535E-09	-1.474E-09	-3.357E-10
455	477	T+	0.	0.	0.
455	478	T+	0.	0.	0.
455	504	T+	0.	0.	0.

Table 27: Element Forces - Area Shells, Part 2 of 3

Area	Joint	OutputCase	M11	M22	M12
			KN-mm/mm	KN-mm/mm	KN-mm/mm
455	503	T+	0.	0.	0.
455	477	T-	0.	0.	0.
455	478	T-	0.	0.	0.
455	504	T-	0.	0.	0.
455	503	T-	0.	0.	0.
455	477	W	-3.3519	-0.0208	0.3689
455	478	W	-3.3363	0.0627	0.3473
455	504	W	-3.741	0.0428	0.3477
455	503	W	-3.7604	-0.0597	0.3694
455	477	Qm-1	4.0721	0.4961	-0.4309
455	478	Qm-1	4.2519	1.1429	-0.4455
455	504	Qm-1	3.5086	0.9762	-0.4685
455	503	Qm-1	3.3407	0.4377	-0.454
455	477	Qm-2	0.1455	0.0983	0.0455
455	478	Qm-2	0.1282	0.1848	0.0544
455	504	Qm-2	0.1771	0.1806	0.0616
455	503	Qm-2	0.1552	0.0714	0.0527
456	478	DEAD	0.	0.	0.
456	479	DEAD	0.	0.	0.
456	505	DEAD	0.	0.	0.
456	504	DEAD	0.	0.	0.
456	478	G1	6.211E-08	-6.839E-09	-1.369E-08
456	479	G1	7.010E-08	1.784E-08	-1.153E-08
456	505	G1	4.948E-08	7.658E-09	-1.334E-08
456	504	G1	5.033E-08	-9.730E-09	-1.366E-08
456	478	G2	-0.7585	-0.1561	-0.0721
456	479	G2	-0.7562	-0.2171	-0.0635
456	505	G2	-0.6619	-0.2199	-0.0697
456	504	G2	-0.6646	-0.1571	-0.0783
456	478	Qm	3.35	0.8943	-0.4904
456	479	Qm	3.5562	1.6431	-0.4869
456	505	Qm	2.9179	1.4629	-0.5086
456	504	Qm	2.7394	0.8079	-0.5121
456	478	Qs	-2.584E-09	-2.328E-09	-2.333E-10
456	479	Qs	-2.854E-09	-2.810E-09	-1.809E-10
456	505	Qs	-2.925E-09	-2.835E-09	-1.890E-10
456	504	Qs	-2.948E-09	-2.550E-09	-2.030E-10
456	478	T+	0.	0.	0.
456	479	T+	0.	0.	0.
456	505	T+	0.	0.	0.
456	504	T+	0.	0.	0.
456	478	T-	0.	0.	0.
456	479	T-	0.	0.	0.
456	505	T-	0.	0.	0.
456	504	T-	0.	0.	0.
456	478	W	-3.3362	0.0631	0.3187
456	479	W	-3.3237	0.1805	0.2887
456	505	W	-3.7332	0.1809	0.2951
456	504	W	-3.7408	0.0438	0.3251
456	478	Qm-1	4.2518	1.1423	-0.4413
456	479	Qm-1	4.4829	2.1342	-0.4178
456	505	Qm-1	3.7421	1.8952	-0.435
456	504	Qm-1	3.5076	0.9713	-0.4585
456	478	Qm-2	0.1283	0.1855	0.0556

Table 27: Element Forces - Area Shells, Part 2 of 3

Area	Joint	OutputCase	M11	M22	M12
			KN-mm/mm	KN-mm/mm	KN-mm/mm
456	479	Qm-2	0.1246	0.2529	0.0521
456	505	Qm-2	0.1495	0.2867	0.0658
456	504	Qm-2	0.1777	0.1836	0.0694
457	479	DEAD	0.	0.	0.
457	480	DEAD	0.	0.	0.
457	506	DEAD	0.	0.	0.
457	505	DEAD	0.	0.	0.
457	479	G1	7.084E-08	1.770E-08	-1.074E-08
457	480	G1	6.441E-08	1.416E-10	-9.324E-09
457	506	G1	5.199E-08	-3.088E-09	-9.324E-09
457	505	G1	4.920E-08	7.102E-09	-1.074E-08
457	479	G2	-0.7562	-0.2171	-0.0555
457	480	G2	-0.7581	-0.2778	-0.0464
457	506	G2	-0.6641	-0.2808	-0.0506
457	505	G2	-0.662	-0.22	-0.0597
457	479	Qm	3.556	1.6421	-0.467
457	480	Qm	3.737	2.3241	-0.4279
457	506	Qm	3.0789	2.058	-0.446
457	505	Qm	2.9177	1.4616	-0.485
457	479	Qs	-2.740E-09	-2.590E-09	-1.728E-10
457	480	Qs	-3.193E-09	-3.183E-09	-2.030E-10
457	506	Qs	-2.535E-09	-2.895E-09	-1.728E-10
457	505	Qs	-3.007E-09	-2.787E-09	-1.809E-10
457	479	T+	0.	0.	0.
457	480	T+	0.	0.	0.
457	506	T+	0.	0.	0.
457	505	T+	0.	0.	0.
457	479	T-	0.	0.	0.
457	480	T-	0.	0.	0.
457	506	T-	0.	0.	0.
457	505	T-	0.	0.	0.
457	479	W	-3.3237	0.1809	0.2554
457	480	W	-3.3064	0.3066	0.22
457	506	W	-3.7267	0.3097	0.2257
457	505	W	-3.7331	0.1815	0.261
457	479	Qm-1	4.4829	2.1343	-0.3946
457	480	Qm-1	4.405	1.7123	-0.36
457	506	Qm-1	3.6231	1.4806	-0.3538
457	505	Qm-1	3.7421	1.8953	-0.3884
457	479	Qm-2	0.1246	0.2528	0.0542
457	480	Qm-2	0.1216	0.2832	0.0542
457	506	Qm-2	0.1928	0.2684	0.0464
457	505	Qm-2	0.1495	0.2868	0.0464
458	480	DEAD	0.	0.	0.
458	481	DEAD	0.	0.	0.
458	507	DEAD	0.	0.	0.
458	506	DEAD	0.	0.	0.
458	480	G1	6.394E-08	-4.932E-09	-9.474E-09
458	481	G1	6.577E-08	-8.511E-09	-9.828E-09
458	507	G1	4.519E-08	-1.145E-08	-1.018E-08
458	506	G1	5.097E-08	-4.875E-09	-9.828E-09
458	480	G2	-0.7581	-0.2777	-0.0385
458	481	G2	-0.7641	-0.3362	-0.0299
458	507	G2	-0.6711	-0.337	-0.0319

Table 27: Element Forces - Area Shells, Part 2 of 3

Area	Joint	OutputCase	M11	M22	M12
			KN-mm/mm	KN-mm/mm	KN-mm/mm
458	506	G2	-0.6641	-0.2808	-0.0405
458	480	Qm	3.7369	2.3234	-0.3812
458	481	Qm	3.8052	2.6186	-0.3184
458	507	Qm	3.1356	2.3179	-0.3214
458	506	Qm	3.0787	2.0574	-0.3841
458	480	Qs	-3.178E-09	-3.275E-09	-2.040E-10
458	481	Qs	-3.145E-09	-3.733E-09	-3.391E-10
458	507	Qs	-2.801E-09	-3.319E-09	-3.591E-10
458	506	Qs	-2.585E-09	-2.996E-09	-3.391E-10
458	480	T+	0.	0.	0.
458	481	T+	0.	0.	0.
458	507	T+	0.	0.	0.
458	506	T+	0.	0.	0.
458	480	T-	0.	0.	0.
458	481	T-	0.	0.	0.
458	507	T-	0.	0.	0.
458	506	T-	0.	0.	0.
458	480	W	-3.3064	0.3067	0.1873
458	481	W	-3.2792	0.4294	0.1559
458	507	W	-3.7123	0.4062	0.1563
458	506	W	-3.7266	0.31	0.1878
458	480	Qm-1	4.4052	1.713	-0.3318
458	481	Qm-1	4.3892	1.6662	-0.3102
458	507	Qm-1	3.5847	1.4726	-0.3011
458	506	Qm-1	3.6241	1.4859	-0.3227
458	480	Qm-2	0.1214	0.2822	0.0625
458	481	Qm-2	0.1263	0.2929	0.0823
458	507	Qm-2	0.1907	0.2414	0.0811
458	506	Qm-2	0.1922	0.2657	0.0613
459	481	DEAD	0.	0.	0.
459	482	DEAD	0.	0.	0.
459	508	DEAD	0.	0.	0.
459	507	DEAD	0.	0.	0.
459	481	G1	6.540E-08	-5.518E-09	-9.828E-09
459	482	G1	6.017E-08	-1.140E-08	-9.474E-09
459	508	G1	5.059E-08	-1.465E-08	-9.828E-09
459	507	G1	4.723E-08	-1.122E-08	-1.018E-08
459	481	G2	-0.7641	-0.3361	-0.0227
459	482	G2	-0.7732	-0.3918	-0.0155
459	508	G2	-0.6817	-0.3887	-0.0159
459	507	G2	-0.6711	-0.3369	-0.0231
459	481	Qm	3.8052	2.6186	-0.2597
459	482	Qm	3.7551	2.5548	-0.1956
459	508	Qm	3.0951	2.2817	-0.1809
459	507	Qm	3.1357	2.3179	-0.245
459	481	Qs	-3.035E-09	-3.370E-09	-4.001E-10
459	482	Qs	-3.236E-09	-4.141E-09	-4.223E-10
459	508	Qs	-2.797E-09	-3.908E-09	-4.445E-10
459	507	Qs	-2.731E-09	-3.349E-09	-4.223E-10
459	481	T+	0.	0.	0.
459	482	T+	0.	0.	0.
459	508	T+	0.	0.	0.
459	507	T+	0.	0.	0.
459	481	T-	0.	0.	0.

Table 27: Element Forces - Area Shells, Part 2 of 3

Area	Joint	OutputCase	M11	M22	M12
			KN-mm/mm	KN-mm/mm	KN-mm/mm
459	482	T-	0.	0.	0.
459	508	T-	0.	0.	0.
459	507	T-	0.	0.	0.
459	481	W	-3.2793	0.4291	0.1324
459	482	W	-3.2451	0.5579	0.1157
459	508	W	-3.6864	0.4863	0.1119
459	507	W	-3.7123	0.4059	0.1286
459	481	Qm-1	4.3892	1.6662	-0.2838
459	482	Qm-1	4.4547	1.9812	-0.2561
459	508	Qm-1	3.6762	1.7254	-0.2652
459	507	Qm-1	3.5847	1.4726	-0.2929
459	481	Qm-2	0.1262	0.2929	0.1028
459	482	Qm-2	0.1044	0.3126	0.1232
459	508	Qm-2	0.1936	0.2964	0.1303
459	507	Qm-2	0.1907	0.2414	0.1098
460	482	DEAD	0.	0.	0.
460	483	DEAD	0.	0.	0.
460	509	DEAD	0.	0.	0.
460	508	DEAD	0.	0.	0.
460	482	G1	6.243E-08	-5.469E-09	-8.278E-09
460	483	G1	6.156E-08	-3.941E-09	-6.280E-09
460	509	G1	4.776E-08	-1.181E-08	-5.441E-09
460	508	G1	5.016E-08	-1.303E-08	-8.053E-09
460	482	G2	-0.7732	-0.3917	-0.0096
460	483	G2	-0.784	-0.445	-0.0041
460	509	G2	-0.6936	-0.4381	-0.0036
460	508	G2	-0.6816	-0.3886	-0.0091
460	482	Qm	3.7553	2.5555	-0.1457
460	483	Qm	3.5956	2.1154	-0.1022
460	509	Qm	2.9544	1.9197	-0.073
460	508	Qm	3.0953	2.2823	-0.1165
460	482	Qs	-3.200E-09	-3.899E-09	-4.730E-10
460	483	Qs	-3.464E-09	-4.856E-09	-4.590E-10
460	509	Qs	-3.103E-09	-4.810E-09	-3.844E-10
460	508	Qs	-2.671E-09	-3.819E-09	-4.368E-10
460	482	T+	0.	0.	0.
460	483	T+	0.	0.	0.
460	509	T+	0.	0.	0.
460	508	T+	0.	0.	0.
460	482	T-	0.	0.	0.
460	483	T-	0.	0.	0.
460	509	T-	0.	0.	0.
460	508	T-	0.	0.	0.
460	482	W	-3.2451	0.5575	0.1077
460	483	W	-3.2134	0.7183	0.1115
460	509	W	-3.66	0.5954	0.1106
460	508	W	-3.6867	0.4845	0.1068
460	482	Qm-1	4.4546	1.9804	-0.2153
460	483	Qm-1	4.5848	2.687	-0.1618
460	509	Qm-1	3.8526	2.3879	-0.1686
460	508	Qm-1	3.6752	1.7202	-0.2222
460	482	Qm-2	0.1046	0.3135	0.1327
460	483	Qm-2	0.0889	0.3139	0.1346
460	509	Qm-2	0.1526	0.3496	0.1487

Table 27: Element Forces - Area Shells, Part 2 of 3

Area	Joint	OutputCase	M11	M22	M12
			KN-mm/mm	KN-mm/mm	KN-mm/mm
460	508	Qm-2	0.1941	0.2991	0.1467
461	483	DEAD	0.	0.	0.
461	484	DEAD	0.	0.	0.
461	510	DEAD	0.	0.	0.
461	509	DEAD	0.	0.	0.
461	483	G1	6.042E-08	-3.274E-09	-5.336E-09
461	484	G1	6.071E-08	-3.178E-08	-3.079E-09
461	510	G1	3.746E-08	-4.362E-08	-2.854E-09
461	509	G1	4.776E-08	-8.197E-09	-4.497E-09
461	483	G2	-0.784	-0.445	5.752E-04
461	484	G2	-0.7952	-0.4965	0.0047
461	510	G2	-0.7048	-0.4874	0.0052
461	509	G2	-0.6936	-0.438	0.001
461	483	Qm	3.5958	2.1164	-0.0755
461	484	Qm	3.4171	1.6311	-0.0639
461	510	Qm	2.8048	1.5199	-0.0324
461	509	Qm	2.9547	1.9211	-0.044
461	483	Qs	-3.477E-09	-4.859E-09	-4.257E-10
461	484	Qs	-3.099E-09	-5.486E-09	-4.257E-10
461	510	Qs	-3.629E-09	-5.754E-09	-4.701E-10
461	509	Qs	-3.099E-09	-4.622E-09	-4.701E-10
461	483	T+	0.	0.	0.
461	484	T+	0.	0.	0.
461	510	T+	0.	0.	0.
461	509	T+	0.	0.	0.
461	483	T-	0.	0.	0.
461	484	T-	0.	0.	0.
461	510	T-	0.	0.	0.
461	509	T-	0.	0.	0.
461	483	W	-3.2135	0.7176	0.1177
461	484	W	-3.1949	0.9362	0.1348
461	510	W	-3.653	0.7953	0.1469
461	509	W	-3.66	0.5956	0.1298
461	483	Qm-1	4.5847	2.6868	-0.1123
461	484	Qm-1	4.4098	2.0153	-0.0549
461	510	Qm-1	3.6884	1.7482	-0.0389
461	509	Qm-1	3.8526	2.3877	-0.0963
461	483	Qm-2	0.0889	0.3138	0.1386
461	484	Qm-2	0.069	0.278	0.1376
461	510	Qm-2	0.1819	0.2826	0.1313
461	509	Qm-2	0.1525	0.3494	0.1323
462	484	DEAD	0.	0.	0.
462	485	DEAD	0.	0.	0.
462	511	DEAD	0.	0.	0.
462	510	DEAD	0.	0.	0.
462	484	G1	5.935E-08	-3.144E-08	-1.978E-09
462	485	G1	5.486E-08	-4.479E-08	1.499E-10
462	511	G1	3.115E-08	-5.538E-08	1.568E-09
462	510	G1	3.748E-08	-4.018E-08	-5.594E-10
462	484	G2	-0.7952	-0.4965	0.0088
462	485	G2	-0.806	-0.5457	0.0126
462	511	G2	-0.7143	-0.537	0.0127
462	510	G2	-0.7048	-0.4874	0.0089
462	484	Qm	3.4173	1.6317	-0.0627

Table 27: Element Forces - Area Shells, Part 2 of 3

Area	Joint	OutputCase	M11	M22	M12
			KN-mm/mm	KN-mm/mm	KN-mm/mm
462	485	Qm	3.3086	1.4301	-0.0761
462	511	Qm	2.7353	1.3684	-0.0537
462	510	Qm	2.8048	1.5204	-0.0403
462	484	Qs	-2.992E-09	-5.192E-09	-3.515E-10
462	485	Qs	-3.333E-09	-5.825E-09	-2.850E-10
462	511	Qs	-3.452E-09	-5.564E-09	-2.628E-10
462	510	Qs	-3.610E-09	-5.814E-09	-3.293E-10
462	484	T+	0.	0.	0.
462	485	T+	0.	0.	0.
462	511	T+	0.	0.	0.
462	510	T+	0.	0.	0.
462	484	T-	0.	0.	0.
462	485	T-	0.	0.	0.
462	511	T-	0.	0.	0.
462	510	T-	0.	0.	0.
462	484	W	-3.1949	0.9364	0.1454
462	485	W	-3.192	1.2179	0.1587
462	511	W	-3.6738	1.1066	0.1871
462	510	W	-3.653	0.7955	0.1738
462	484	Qm-1	4.4099	2.0156	-0.0097
462	485	Qm-1	4.2874	1.7493	0.0265
462	511	Qm-1	3.6047	1.5578	0.0504
462	510	Qm-1	3.6893	1.7527	0.0142
462	484	Qm-2	0.0688	0.2773	0.1389
462	485	Qm-2	0.0526	0.2198	0.1479
462	511	Qm-2	0.152	0.2174	0.1524
462	510	Qm-2	0.1812	0.2789	0.1434
463	485	DEAD	0.	0.	0.
463	486	DEAD	0.	0.	0.
463	512	DEAD	0.	0.	0.
463	511	DEAD	0.	0.	0.
463	485	G1	5.210E-08	-5.146E-08	1.638E-09
463	486	G1	4.921E-08	-4.689E-08	1.638E-09
463	512	G1	3.618E-08	-5.018E-08	1.638E-09
463	511	G1	3.338E-08	-5.367E-08	1.638E-09
463	485	G2	-0.806	-0.5458	0.0167
463	486	G2	-0.8166	-0.5907	0.0212
463	512	G2	-0.7226	-0.584	0.0214
463	511	G2	-0.7143	-0.5371	0.0168
463	485	Qm	3.3086	1.4301	-0.0917
463	486	Qm	3.2745	1.4833	-0.1151
463	512	Qm	2.7362	1.4354	-0.1031
463	511	Qm	2.7352	1.368	-0.0797
463	485	Qs	-3.312E-09	-5.746E-09	-3.140E-10
463	486	Qs	-3.386E-09	-5.495E-09	-3.362E-10
463	512	Qs	-3.112E-09	-5.413E-09	-4.027E-10
463	511	Qs	-3.519E-09	-5.761E-09	-3.805E-10
463	485	T+	0.	0.	0.
463	486	T+	0.	0.	0.
463	512	T+	0.	0.	0.
463	511	T+	0.	0.	0.
463	485	T-	0.	0.	0.
463	486	T-	0.	0.	0.
463	512	T-	0.	0.	0.

Table 27: Element Forces - Area Shells, Part 2 of 3

Area	Joint	OutputCase	M11	M22	M12
			KN-mm/mm	KN-mm/mm	KN-mm/mm
463	511	T-	0.	0.	0.
463	485	W	-3.1918	1.219	0.1602
463	486	W	-3.1938	1.5421	0.1537
463	512	W	-3.7059	1.4865	0.1901
463	511	W	-3.6737	1.1069	0.1966
463	485	Qm-1	4.2875	1.75	0.054
463	486	Qm-1	4.2329	1.849	0.0748
463	512	Qm-1	3.6129	1.6826	0.0938
463	511	Qm-1	3.6044	1.5561	0.073
463	485	Qm-2	0.0527	0.2198	0.1497
463	486	Qm-2	0.0198	0.1637	0.1467
463	512	Qm-2	0.1032	0.2149	0.1612
463	511	Qm-2	0.1525	0.2199	0.1643
464	486	DEAD	0.	0.	0.
464	487	DEAD	0.	0.	0.
464	513	DEAD	0.	0.	0.
464	512	DEAD	0.	0.	0.
464	486	G1	4.947E-08	-4.845E-08	1.693E-09
464	487	G1	5.515E-08	-2.555E-08	2.402E-09
464	513	G1	3.763E-08	-3.635E-08	2.402E-09
464	512	G1	3.640E-08	-4.803E-08	1.693E-09
464	486	G2	-0.8166	-0.5908	0.0259
464	487	G2	-0.8277	-0.6287	0.0314
464	513	G2	-0.7316	-0.6237	0.0323
464	512	G2	-0.7227	-0.5841	0.0268
464	486	Qm	3.2744	1.483	-0.1354
464	487	Qm	3.3101	1.7877	-0.1576
464	513	Qm	2.8006	1.7325	-0.1534
464	512	Qm	2.7362	1.4351	-0.1312
464	486	Qs	-3.340E-09	-5.379E-09	-3.071E-10
464	487	Qs	-2.812E-09	-4.918E-09	-2.406E-10
464	513	Qs	-3.188E-09	-5.149E-09	-3.071E-10
464	512	Qs	-3.131E-09	-5.447E-09	-3.736E-10
464	486	T+	0.	0.	0.
464	487	T+	0.	0.	0.
464	513	T+	0.	0.	0.
464	512	T+	0.	0.	0.
464	486	T-	0.	0.	0.
464	487	T-	0.	0.	0.
464	513	T-	0.	0.	0.
464	512	T-	0.	0.	0.
464	486	W	-3.1936	1.5429	0.1382
464	487	W	-3.1816	1.8681	0.108
464	513	W	-3.7163	1.8579	0.1366
464	512	W	-3.7054	1.4889	0.1669
464	486	Qm-1	4.2328	1.8486	0.0909
464	487	Qm-1	4.2441	2.2929	0.1061
464	513	Qm-1	3.6756	2.1492	0.1286
464	512	Qm-1	3.6127	1.6815	0.1134
464	486	Qm-2	0.02	0.1644	0.1355
464	487	Qm-2	-0.0131	0.0967	0.1157
464	513	Qm-2	0.0659	0.1725	0.1258
464	512	Qm-2	0.1034	0.216	0.1455
465	487	DEAD	0.	0.	0.

Table 27: Element Forces - Area Shells, Part 2 of 3

Area	Joint	OutputCase	M11	M22	M12
			KN-mm/mm	KN-mm/mm	KN-mm/mm
465	488	DEAD	0.	0.	0.
465	514	DEAD	0.	0.	0.
465	513	DEAD	0.	0.	0.
465	487	G1	5.574E-08	-2.626E-08	2.921E-09
465	488	G1	3.824E-08	-7.280E-08	2.212E-09
465	514	G1	3.167E-08	-6.683E-08	3.631E-09
465	513	G1	3.704E-08	-3.303E-08	4.340E-09
465	487	G2	-0.8277	-0.6288	0.0365
465	488	G2	-0.8396	-0.6572	0.0425
465	514	G2	-0.7423	-0.6522	0.0448
465	513	G2	-0.7316	-0.6238	0.0389
465	487	Qm	3.31	1.7874	-0.1747
465	488	Qm	3.3698	2.1538	-0.1896
465	514	Qm	2.8826	2.081	-0.1894
465	513	Qm	2.8005	1.7322	-0.1745
465	487	Qs	-2.908E-09	-4.784E-09	-2.559E-10
465	488	Qs	-3.350E-09	-5.194E-09	-3.003E-10
465	514	Qs	-2.902E-09	-4.955E-09	-2.559E-10
465	513	Qs	-3.017E-09	-4.795E-09	-2.116E-10
465	487	T+	0.	0.	0.
465	488	T+	0.	0.	0.
465	514	T+	0.	0.	0.
465	513	T+	0.	0.	0.
465	487	T-	0.	0.	0.
465	488	T-	0.	0.	0.
465	514	T-	0.	0.	0.
465	513	T-	0.	0.	0.
465	487	W	-3.1815	1.8684	0.0791
465	488	W	-3.1409	2.1637	0.0378
465	514	W	-3.6803	2.1568	0.0466
465	513	W	-3.7161	1.8587	0.0879
465	487	Qm-1	4.2441	2.2928	0.1137
465	488	Qm-1	3.8327	0.6777	0.1196
465	514	Qm-1	3.2995	0.5728	0.1506
465	513	Qm-1	3.6756	2.1491	0.1448
465	487	Qm-2	-0.0131	0.0968	0.0968
465	488	Qm-2	-0.0365	0.0042	0.0746
465	514	Qm-2	0.0461	0.0672	0.0754
465	513	Qm-2	0.0659	0.1724	0.0975
466	488	DEAD	0.	0.	0.
466	489	DEAD	0.	0.	0.
466	515	DEAD	0.	0.	0.
466	514	DEAD	0.	0.	0.
466	488	G1	3.744E-08	-7.054E-08	1.658E-09
466	489	G1	3.324E-08	-9.924E-08	5.942E-10
466	515	G1	2.618E-08	-9.598E-08	5.942E-10
466	514	G1	3.208E-08	-6.989E-08	1.658E-09
466	488	G2	-0.8396	-0.6572	0.0477
466	489	G2	-0.8521	-0.6747	0.0533
466	515	G2	-0.7547	-0.6677	0.0571
466	514	G2	-0.7423	-0.6521	0.0515
466	488	Qm	3.3698	2.1536	-0.1995
466	489	Qm	3.4092	2.3965	-0.205
466	515	Qm	2.9382	2.3041	-0.2054

Table 27: Element Forces - Area Shells, Part 2 of 3

Area	Joint	OutputCase	M11	M22	M12
			KN-mm/mm	KN-mm/mm	KN-mm/mm
466	514	Qm	2.8826	2.0807	-0.1999
466	488	Qs	-3.425E-09	-5.261E-09	-3.157E-10
466	489	Qs	-3.349E-09	-5.315E-09	-3.298E-10
466	515	Qs	-2.694E-09	-5.062E-09	-4.265E-10
466	514	Qs	-2.842E-09	-4.907E-09	-3.741E-10
466	488	T+	0.	0.	0.
466	489	T+	0.	0.	0.
466	515	T+	0.	0.	0.
466	514	T+	0.	0.	0.
466	488	T-	0.	0.	0.
466	489	T-	0.	0.	0.
466	515	T-	0.	0.	0.
466	514	T-	0.	0.	0.
466	488	W	-3.1409	2.1634	0.0075
466	489	W	-3.0711	2.4245	-0.0259
466	515	W	-3.598	2.3791	-0.0374
466	514	W	-3.6804	2.156	-0.004
466	488	Qm-1	3.8328	0.678	0.1152
466	489	Qm-1	3.4796	-0.6087	0.1046
466	515	Qm-1	2.9702	-0.6621	0.1418
466	514	Qm-1	3.2996	0.5736	0.1523
466	488	Qm-2	-0.0366	0.0038	0.0589
466	489	Qm-2	-0.0542	-0.1016	0.0483
466	515	Qm-2	0.0336	-0.0791	0.0441
466	514	Qm-2	0.0459	0.066	0.0546
467	489	DEAD	0.	0.	0.
467	490	DEAD	0.	0.	0.
467	516	DEAD	0.	0.	0.
467	515	DEAD	0.	0.	0.
467	489	G1	3.196E-08	-9.836E-08	-2.871E-10
467	490	G1	2.995E-08	-1.185E-07	-1.835E-09
467	516	G1	1.972E-08	-1.138E-07	-1.351E-09
467	515	G1	2.565E-08	-1.017E-07	-4.169E-10
467	489	G2	-0.8521	-0.6747	0.058
467	490	G2	-0.8642	-0.6809	0.0627
467	516	G2	-0.7669	-0.6715	0.0674
467	515	G2	-0.7546	-0.6676	0.0627
467	489	Qm	3.4092	2.3964	-0.2067
467	490	Qm	3.4255	2.5298	-0.2036
467	516	Qm	2.9661	2.4211	-0.2023
467	515	Qm	2.9382	2.304	-0.2054
467	489	Qs	-3.376E-09	-5.360E-09	-4.147E-10
467	490	Qs	-2.777E-09	-5.065E-09	-4.065E-10
467	516	Qs	-2.966E-09	-5.038E-09	-4.812E-10
467	515	Qs	-2.700E-09	-5.275E-09	-4.509E-10
467	489	T+	0.	0.	0.
467	490	T+	0.	0.	0.
467	516	T+	0.	0.	0.
467	515	T+	0.	0.	0.
467	489	T-	0.	0.	0.
467	490	T-	0.	0.	0.
467	516	T-	0.	0.	0.
467	515	T-	0.	0.	0.
467	489	W	-3.0713	2.4238	-0.0455

Table 27: Element Forces - Area Shells, Part 2 of 3

Area	Joint	OutputCase	M11	M22	M12
			KN-mm/mm	KN-mm/mm	KN-mm/mm
467	490	W	-2.9856	2.674	-0.0588
467	516	W	-3.4946	2.5773	-0.0795
467	515	W	-3.5984	2.3768	-0.0662
467	489	Qm-1	3.4797	-0.6083	0.0848
467	490	Qm-1	3.192	-1.5869	0.0552
467	516	Qm-1	2.702	-1.5912	0.0915
467	515	Qm-1	2.9704	-0.6615	0.1212
467	489	Qm-2	-0.0543	-0.102	0.0427
467	490	Qm-2	-0.072	-0.1963	0.0443
467	516	Qm-2	0.0038	-0.1934	0.0455
467	515	Qm-2	0.0335	-0.0795	0.0439
468	490	DEAD	0.	0.	0.
468	491	DEAD	0.	0.	0.
468	517	DEAD	0.	0.	0.
468	516	DEAD	0.	0.	0.
468	490	G1	3.044E-08	-1.177E-07	-2.792E-09
468	491	G1	2.736E-08	-1.278E-07	-3.761E-09
468	517	G1	1.740E-08	-1.265E-07	-3.146E-09
468	516	G1	1.978E-08	-1.199E-07	-3.406E-09
468	490	G2	-0.8642	-0.6809	0.0668
468	491	G2	-0.8748	-0.6759	0.0708
468	517	G2	-0.777	-0.6651	0.0755
468	516	G2	-0.7669	-0.6714	0.0716
468	490	Qm	3.4255	2.5297	-0.1981
468	491	Qm	3.4178	2.5652	-0.1884
468	517	Qm	2.9673	2.4454	-0.1845
468	516	Qm	2.9661	2.4211	-0.1942
468	490	Qs	-2.793E-09	-5.005E-09	-3.647E-10
468	491	Qs	-2.808E-09	-4.874E-09	-3.669E-10
468	517	Qs	-2.588E-09	-4.778E-09	-3.647E-10
468	516	Qs	-2.986E-09	-5.361E-09	-4.777E-10
468	490	T+	0.	0.	0.
468	491	T+	0.	0.	0.
468	517	T+	0.	0.	0.
468	516	T+	0.	0.	0.
468	490	T-	0.	0.	0.
468	491	T-	0.	0.	0.
468	517	T-	0.	0.	0.
468	516	T-	0.	0.	0.
468	490	W	-2.9858	2.6731	-0.0648
468	491	W	-2.9009	2.9429	-0.0626
468	517	W	-3.4021	2.8261	-0.0779
468	516	W	-3.4946	2.5771	-0.0801
468	490	Qm-1	3.192	-1.5866	0.0201
468	491	Qm-1	2.9778	-2.2775	-0.0255
468	517	Qm-1	2.5061	-2.2468	0.0038
468	516	Qm-1	2.7021	-1.5908	0.0494
468	490	Qm-2	-0.072	-0.1963	0.047
468	491	Qm-2	-0.0931	-0.2634	0.0528
468	517	Qm-2	-0.0258	-0.2659	0.0575
468	516	Qm-2	0.0039	-0.1926	0.0517
469	491	DEAD	0.	0.	0.
469	492	DEAD	0.	0.	0.
469	518	DEAD	0.	0.	0.

Table 27: Element Forces - Area Shells, Part 2 of 3

Area	Joint	OutputCase	M11	M22	M12
			KN-mm/mm	KN-mm/mm	KN-mm/mm
469	517	DEAD	0.	0.	0.
469	491	G1	2.732E-08	-1.265E-07	-3.843E-09
469	492	G1	2.351E-08	-1.376E-07	-4.777E-09
469	518	G1	1.499E-08	-1.349E-07	-4.552E-09
469	517	G1	1.611E-08	-1.299E-07	-3.004E-09
469	491	G2	-0.8748	-0.6759	0.0747
469	492	G2	-0.8829	-0.6588	0.0785
469	518	G2	-0.7838	-0.6486	0.083
469	517	G2	-0.777	-0.6651	0.0792
469	491	Qm	3.4178	2.5652	-0.1776
469	492	Qm	3.3862	2.5111	-0.1637
469	518	Qm	2.9439	2.3854	-0.157
469	517	Qm	2.9673	2.4454	-0.1709
469	491	Qs	-2.843E-09	-4.841E-09	-3.246E-10
469	492	Qs	-3.022E-09	-4.898E-09	-3.187E-10
469	518	Qs	-2.549E-09	-4.769E-09	-3.025E-10
469	517	Qs	-2.587E-09	-4.984E-09	-3.852E-10
469	491	T+	0.	0.	0.
469	492	T+	0.	0.	0.
469	518	T+	0.	0.	0.
469	517	T+	0.	0.	0.
469	491	T-	0.	0.	0.
469	492	T-	0.	0.	0.
469	518	T-	0.	0.	0.
469	517	T-	0.	0.	0.
469	491	W	-2.9009	2.9429	-0.0636
469	492	W	-2.8242	3.2456	-0.0634
469	518	W	-3.3367	3.1586	-0.0665
469	517	W	-3.4021	2.826	-0.0668
469	491	Qm-1	2.9779	-2.2773	-0.0721
469	492	Qm-1	2.8425	-2.694	-0.1274
469	518	Qm-1	2.3854	-2.6449	-0.108
469	517	Qm-1	2.5061	-2.2467	-0.0527
469	491	Qm-2	-0.0931	-0.2632	0.0591
469	492	Qm-2	-0.1125	-0.3009	0.0663
469	518	Qm-2	-0.0466	-0.3061	0.0714
469	517	Qm-2	-0.0257	-0.2657	0.0643
470	492	DEAD	0.	0.	0.
470	493	DEAD	0.	0.	0.
470	519	DEAD	0.	0.	0.
470	518	DEAD	0.	0.	0.
470	492	G1	2.316E-08	-1.322E-07	-5.269E-09
470	493	G1	2.198E-08	-1.380E-07	-4.300E-09
470	519	G1	1.336E-08	-1.354E-07	-4.560E-09
470	518	G1	1.546E-08	-1.398E-07	-4.300E-09
470	492	G2	-0.8829	-0.6588	0.0826
470	493	G2	-0.8883	-0.6279	0.0869
470	519	G2	-0.7878	-0.6191	0.0914
470	518	G2	-0.7838	-0.6487	0.087
470	492	Qm	3.3862	2.5111	-0.1498
470	493	Qm	3.3315	2.3738	-0.1339
470	519	Qm	2.8973	2.2474	-0.1242
470	518	Qm	2.9439	2.3854	-0.1402
470	492	Qs	-2.961E-09	-4.684E-09	-2.538E-10

Table 27: Element Forces - Area Shells, Part 2 of 3

Area	Joint	OutputCase	M11	M22	M12
			KN-mm/mm	KN-mm/mm	KN-mm/mm
470	493	Qs	-2.624E-09	-4.697E-09	-8.239E-11
470	519	Qs	-2.720E-09	-4.676E-09	-1.429E-10
470	518	Qs	-2.538E-09	-5.066E-09	-2.375E-10
470	492	T+	0.	0.	0.
470	493	T+	0.	0.	0.
470	519	T+	0.	0.	0.
470	518	T+	0.	0.	0.
470	492	T-	0.	0.	0.
470	493	T-	0.	0.	0.
470	519	T-	0.	0.	0.
470	518	T-	0.	0.	0.
470	492	W	-2.824	3.2466	-0.0743
470	493	W	-2.7468	3.5698	-0.0947
470	519	W	-3.29	3.5446	-0.091
470	518	W	-3.3367	3.1584	-0.0706
470	492	Qm-1	2.8425	-2.694	-0.18
470	493	Qm-1	2.7883	-2.8408	-0.2387
470	519	Qm-1	2.3405	-2.789	-0.2302
470	518	Qm-1	2.3854	-2.6449	-0.1715
470	492	Qm-2	-0.1125	-0.3008	0.0744
470	493	Qm-2	-0.1276	-0.31	0.0826
470	519	Qm-2	-0.0568	-0.3169	0.087
470	518	Qm-2	-0.0466	-0.3061	0.0788
471	493	DEAD	0.	0.	0.
471	494	DEAD	0.	0.	0.
471	520	DEAD	0.	0.	0.
471	519	DEAD	0.	0.	0.
471	493	G1	2.284E-08	-1.400E-07	-4.669E-09
471	494	G1	2.386E-08	-1.256E-07	-5.379E-09
471	520	G1	2.253E-08	-1.245E-07	-6.797E-09
471	519	G1	1.246E-08	-1.400E-07	-6.088E-09
471	493	G2	-0.8883	-0.6279	0.0913
471	494	G2	-0.8909	-0.5804	0.096
471	520	G2	-0.7906	-0.5717	0.1011
471	519	G2	-0.7878	-0.6191	0.0964
471	493	Qm	3.3315	2.3738	-0.1191
471	494	Qm	3.2543	2.1577	-0.1032
471	520	Qm	2.8284	2.0361	-0.0906
471	519	Qm	2.8973	2.2474	-0.1064
471	493	Qs	-2.616E-09	-4.799E-09	-5.462E-11
471	494	Qs	-2.660E-09	-4.239E-09	-1.029E-11
471	520	Qs	-2.076E-09	-4.225E-09	-9.895E-11
471	519	Qs	-2.790E-09	-4.890E-09	-1.433E-10
471	493	T+	0.	0.	0.
471	494	T+	0.	0.	0.
471	520	T+	0.	0.	0.
471	519	T+	0.	0.	0.
471	493	T-	0.	0.	0.
471	494	T-	0.	0.	0.
471	520	T-	0.	0.	0.
471	519	T-	0.	0.	0.
471	493	W	-2.7466	3.5706	-0.1269
471	494	W	-2.6481	3.8868	-0.1767
471	520	W	-3.241	3.9227	-0.1785

Table 27: Element Forces - Area Shells, Part 2 of 3

Area	Joint	OutputCase	M11	M22	M12
			KN-mm/mm	KN-mm/mm	KN-mm/mm
471	519	W	-3.2896	3.5463	-0.1287
471	493	Qm-1	2.7883	-2.8409	-0.2917
471	494	Qm-1	2.8162	-2.7143	-0.348
471	520	Qm-1	2.3725	-2.6745	-0.3504
471	519	Qm-1	2.3405	-2.789	-0.2941
471	493	Qm-2	-0.1276	-0.3101	0.0918
471	494	Qm-2	-0.1382	-0.2914	0.101
471	520	Qm-2	-0.056	-0.2985	0.1046
471	519	Qm-2	-0.0568	-0.3169	0.0954
472	494	DEAD	0.	0.	0.
472	495	DEAD	0.	0.	0.
472	521	DEAD	0.	0.	0.
472	520	DEAD	0.	0.	0.
472	494	G1	2.383E-08	-1.297E-07	-8.013E-09
472	495	G1	2.539E-08	-1.081E-07	-8.947E-09
472	521	G1	2.631E-08	-1.067E-07	-8.368E-09
472	520	G1	2.145E-08	-1.246E-07	-6.819E-09
472	494	G2	-0.8908	-0.5804	0.1002
472	495	G2	-0.8897	-0.5141	0.1042
472	521	G2	-0.7937	-0.5025	0.1102
472	520	G2	-0.7907	-0.5718	0.1062
472	494	Qm	3.2543	2.1577	-0.0898
472	495	Qm	3.1551	1.8657	-0.0766
472	521	Qm	2.7374	1.7551	-0.0609
472	520	Qm	2.8284	2.0361	-0.0741
472	494	Qs	-2.679E-09	-4.595E-09	-4.947E-11
472	495	Qs	-2.661E-09	-3.517E-09	-7.975E-11
472	521	Qs	-2.064E-09	-3.648E-09	-2.731E-11
472	520	Qs	-2.087E-09	-4.174E-09	-3.542E-11
472	494	T+	0.	0.	0.
472	495	T+	0.	0.	0.
472	521	T+	0.	0.	0.
472	520	T+	0.	0.	0.
472	494	T-	0.	0.	0.
472	495	T-	0.	0.	0.
472	521	T-	0.	0.	0.
472	520	T-	0.	0.	0.
472	494	W	-2.648	3.8871	-0.2341
472	495	W	-2.5122	4.1848	-0.3067
472	521	W	-3.1887	4.244	-0.3201
472	520	W	-3.241	3.9226	-0.2475
472	494	Qm-1	2.8162	-2.7145	-0.396
472	495	Qm-1	2.9255	-2.3028	-0.4441
472	521	Qm-1	2.4829	-2.2893	-0.4567
472	520	Qm-1	2.3725	-2.6745	-0.4086
472	494	Qm-2	-0.1382	-0.2916	0.1108
472	495	Qm-2	-0.1471	-0.2449	0.1207
472	521	Qm-2	-0.0456	-0.2489	0.1244
472	520	Qm-2	-0.056	-0.2987	0.1144
473	495	DEAD	0.	0.	0.
473	496	DEAD	0.	0.	0.
473	522	DEAD	0.	0.	0.
473	521	DEAD	0.	0.	0.
473	495	G1	2.430E-08	-1.105E-07	-9.624E-09

Table 27: Element Forces - Area Shells, Part 2 of 3

Area	Joint	OutputCase	M11	M22	M12
			KN-mm/mm	KN-mm/mm	KN-mm/mm
473	496	G1	3.345E-08	-8.289E-08	-9.978E-09
473	522	G1	2.466E-08	-8.323E-08	-9.624E-09
473	521	G1	2.711E-08	-1.082E-07	-9.269E-09
473	495	G2	-0.8897	-0.514	0.1069
473	496	G2	-0.8824	-0.4274	0.1084
473	522	G2	-0.7974	-0.4099	0.1151
473	521	G2	-0.7937	-0.5025	0.1136
473	495	Qm	3.1552	1.8658	-0.0671
473	496	Qm	3.035	1.4983	-0.0592
473	522	Qm	2.624	1.4056	-0.0404
473	521	Qm	2.7374	1.7551	-0.0483
473	495	Qs	-2.715E-09	-3.521E-09	-4.433E-11
473	496	Qs	-2.492E-09	-3.180E-09	0.
473	522	Qs	-2.363E-09	-3.092E-09	4.433E-11
473	521	Qs	-1.938E-09	-3.534E-09	0.
473	495	T+	0.	0.	0.
473	496	T+	0.	0.	0.
473	522	T+	0.	0.	0.
473	521	T+	0.	0.	0.
473	495	T-	0.	0.	0.
473	496	T-	0.	0.	0.
473	522	T-	0.	0.	0.
473	521	T-	0.	0.	0.
473	495	W	-2.5118	4.1866	-0.3819
473	496	W	-2.3082	4.4914	-0.466
473	522	W	-3.17	4.5348	-0.4875
473	521	W	-3.1897	4.239	-0.4034
473	495	Qm-1	2.9255	-2.3032	-0.4825
473	496	Qm-1	3.1127	-1.5861	-0.5174
473	522	Qm-1	2.6711	-1.6092	-0.5374
473	521	Qm-1	2.4828	-2.2897	-0.5025
473	495	Qm-2	-0.1471	-0.2449	0.129
473	496	Qm-2	-0.1592	-0.1735	0.1369
473	522	Qm-2	-0.0337	-0.1613	0.1436
473	521	Qm-2	-0.0457	-0.2496	0.1357
474	496	DEAD	0.	0.	0.
474	497	DEAD	0.	0.	0.
474	523	DEAD	0.	0.	0.
474	522	DEAD	0.	0.	0.
474	496	G1	3.565E-08	-8.457E-08	-9.671E-09
474	497	G1	4.271E-08	-4.368E-08	-8.477E-09
474	523	G1	3.153E-08	-4.880E-08	-8.962E-09
474	522	G1	2.156E-08	-8.770E-08	-9.541E-09
474	496	G2	-0.8824	-0.4271	0.1081
474	497	G2	-0.8635	-0.3181	0.1055
474	523	G2	-0.8039	-0.2938	0.1123
474	522	G2	-0.7974	-0.4101	0.1149
474	496	Qm	3.035	1.4985	-0.0562
474	497	Qm	2.8957	1.0533	-0.0566
474	523	Qm	2.4888	0.9845	-0.0355
474	522	Qm	2.6241	1.4057	-0.0351
474	496	Qs	-2.462E-09	-3.009E-09	8.573E-12
474	497	Qs	-2.115E-09	-2.148E-09	1.437E-10
474	523	Qs	-2.329E-09	-2.211E-09	1.194E-10

Table 27: Element Forces - Area Shells, Part 2 of 3

Area	Joint	OutputCase	M11	M22	M12
			KN-mm/mm	KN-mm/mm	KN-mm/mm
474	522	Qs	-2.412E-09	-3.364E-09	9.941E-11
474	496	T+	0.	0.	0.
474	497	T+	0.	0.	0.
474	523	T+	0.	0.	0.
474	522	T+	0.	0.	0.
474	496	T-	0.	0.	0.
474	497	T-	0.	0.	0.
474	523	T-	0.	0.	0.
474	522	T-	0.	0.	0.
474	496	W	-2.3084	4.4902	-0.5839
474	497	W	-2.0092	5.0441	-0.6477
474	523	W	-3.5345	4.8464	-0.598
474	522	W	-3.1737	4.5162	-0.5342
474	496	Qm-1	3.1126	-1.5866	-0.5439
474	497	Qm-1	3.3716	-0.5375	-0.5642
474	523	Qm-1	2.9289	-0.5935	-0.5858
474	522	Qm-1	2.671	-1.6099	-0.5655
474	496	Qm-2	-0.1591	-0.1732	0.139
474	497	Qm-2	-0.1712	-0.0942	0.1367
474	523	Qm-2	-0.0374	-0.0438	0.1482
474	522	Qm-2	-0.0337	-0.1608	0.1504
475	497	DEAD	0.	0.	0.
475	498	DEAD	0.	0.	0.
475	524	DEAD	0.	0.	0.
475	523	DEAD	0.	0.	0.
475	497	G1	4.238E-08	-4.819E-08	-8.777E-09
475	498	G1	5.077E-08	-9.374E-09	-8.293E-09
475	524	G1	3.622E-08	-1.091E-08	-8.423E-09
475	523	G1	3.060E-08	-5.065E-08	-8.293E-09
475	497	G2	-0.8639	-0.3201	0.0991
475	498	G2	-0.8388	-0.1621	0.0972
475	524	G2	-0.8222	-0.1641	0.1078
475	523	G2	-0.8038	-0.2935	0.1097
475	497	Qm	2.8958	1.0534	-0.0623
475	498	Qm	2.7407	0.5254	-0.0731
475	524	Qm	2.3345	0.4835	-0.0516
475	523	Qm	2.4889	0.9848	-0.0407
475	497	Qs	-2.249E-09	-2.259E-09	1.843E-10
475	498	Qs	-1.986E-09	-1.585E-09	2.205E-10
475	524	Qs	-2.457E-09	-1.769E-09	2.508E-10
475	523	Qs	-2.207E-09	-2.294E-09	1.762E-10
475	497	T+	0.	0.	0.
475	498	T+	0.	0.	0.
475	524	T+	0.	0.	0.
475	523	T+	0.	0.	0.
475	497	T-	0.	0.	0.
475	498	T-	0.	0.	0.
475	524	T-	0.	0.	0.
475	523	T-	0.	0.	0.
475	497	W	-2.0706	4.7371	-0.8231
475	498	W	-3.4839	7.9524	-0.1328
475	524	W	-3.6875	4.0491	0.2942
475	523	W	-3.5039	4.9995	-0.3961
475	497	Qm-1	3.3716	-0.5378	-0.5809

Table 27: Element Forces - Area Shells, Part 2 of 3

Area	Joint	OutputCase	M11	M22	M12
			KN-mm/mm	KN-mm/mm	KN-mm/mm
475	498	Qm-1	3.6968	0.8693	-0.5923
475	524	Qm-1	3.2447	0.8014	-0.6091
475	523	Qm-1	2.9288	-0.5942	-0.5977
475	497	Qm-2	-0.1711	-0.0938	0.1304
475	498	Qm-2	-0.1777	-0.032	0.118
475	524	Qm-2	-0.0317	0.0321	0.124
475	523	Qm-2	-0.0371	-0.0426	0.1363
476	498	DEAD	0.	0.	0.
476	499	DEAD	0.	0.	0.
476	525	DEAD	0.	0.	0.
476	524	DEAD	0.	0.	0.
476	498	G1	5.294E-08	-5.328E-09	-8.900E-09
476	499	G1	4.968E-08	-6.499E-09	-8.190E-09
476	525	G1	3.813E-08	-1.233E-08	-7.481E-09
476	524	G1	3.540E-08	-9.779E-09	-8.190E-09
476	498	G2	-0.8382	-0.1593	0.0975
476	499	G2	-0.8629	-0.0096	0.1107
476	525	G2	-0.8296	-0.0588	0.128
476	524	G2	-0.8221	-0.1635	0.1148
476	498	Qm	2.7407	0.5256	-0.0885
476	499	Qm	2.6135	0.1089	-0.11
476	525	Qm	2.2058	0.0913	-0.0904
476	524	Qm	2.3345	0.4838	-0.0689
476	498	Qs	-1.892E-09	-1.399E-09	2.500E-10
476	499	Qs	-2.037E-09	-7.010E-10	2.943E-10
476	525	Qs	-2.024E-09	-8.666E-10	3.387E-10
476	524	Qs	-2.436E-09	-1.698E-09	2.943E-10
476	498	T+	0.	0.	0.
476	499	T+	0.	0.	0.
476	525	T+	0.	0.	0.
476	524	T+	0.	0.	0.
476	498	T-	0.	0.	0.
476	499	T-	0.	0.	0.
476	525	T-	0.	0.	0.
476	524	T-	0.	0.	0.
476	498	W	-3.0858	9.9432	1.7075
476	499	W	-5.1935	-5.2456	1.1566
476	525	W	-2.957	4.3249	0.8221
476	524	W	-3.8344	3.3146	1.373
476	498	Qm-1	3.6969	0.8694	-0.6063
476	499	Qm-1	3.6072	0.2493	-0.6206
476	525	Qm-1	3.1373	0.2016	-0.6304
476	524	Qm-1	3.2448	0.8015	-0.6161
476	498	Qm-2	-0.1777	-0.032	0.1094
476	499	Qm-2	-0.1748	-0.0022	0.0996
476	525	Qm-2	-0.0096	0.043	0.0961
476	524	Qm-2	-0.0317	0.0321	0.1059
477	499	DEAD	0.	0.	0.
477	500	DEAD	0.	0.	0.
477	526	DEAD	0.	0.	0.
477	525	DEAD	0.	0.	0.
477	499	G1	5.029E-08	-5.313E-09	-7.911E-09
477	500	G1	4.594E-08	-2.529E-09	-8.620E-09
477	526	G1	4.249E-08	-7.022E-10	-8.265E-09

Table 27: Element Forces - Area Shells, Part 2 of 3

Area	Joint	OutputCase	M11	M22	M12
			KN-mm/mm	KN-mm/mm	KN-mm/mm
477	525	G1	3.801E-08	-7.095E-09	-7.556E-09
477	499	G2	-0.8625	-0.0077	0.1411
477	500	G2	-0.8098	0.0026	0.1522
477	526	G2	-0.8514	-7.211E-04	0.1486
477	525	G2	-0.8298	-0.0595	0.1375
477	499	Qm	2.6135	0.109	-0.1345
477	500	Qm	2.5587	4.901E-04	-0.165
477	526	Qm	2.1458	2.646E-04	-0.1494
477	525	Qm	2.2059	0.0915	-0.1189
477	499	Qs	-2.118E-09	-8.103E-10	3.153E-10
477	500	Qs	-1.966E-09	-1.707E-11	3.153E-10
477	526	Qs	-1.932E-09	-1.512E-11	3.374E-10
477	525	Qs	-1.983E-09	-7.652E-10	3.374E-10
477	499	T+	0.	0.	0.
477	500	T+	0.	0.	0.
477	526	T+	0.	0.	0.
477	525	T+	0.	0.	0.
477	499	T-	0.	0.	0.
477	500	T-	0.	0.	0.
477	526	T-	0.	0.	0.
477	525	T-	0.	0.	0.
477	499	W	-2.0527	10.4582	1.3949
477	500	W	-4.2344	-1.9046	2.9226
477	526	W	-2.2437	0.7418	2.5641
477	525	W	-3.7129	0.5453	1.0365
477	499	Qm-1	3.6073	0.2498	-0.6421
477	500	Qm-1	3.5951	6.817E-04	-0.6725
477	526	Qm-1	3.0958	-2.377E-04	-0.6801
477	525	Qm-1	3.1375	0.2026	-0.6497
477	499	Qm-2	-0.1749	-0.0027	0.098
477	500	Qm-2	-0.1723	-2.906E-04	0.1034
477	526	Qm-2	0.0204	2.585E-04	0.0949
477	525	Qm-2	-0.0097	0.0423	0.0895
478	501	DEAD	0.	0.	0.
478	502	DEAD	0.	0.	0.
478	528	DEAD	0.	0.	0.
478	527	DEAD	0.	0.	0.
478	501	G1	5.096E-08	9.523E-10	-9.624E-09
478	502	G1	4.275E-08	-8.351E-09	-1.069E-08
478	528	G1	3.217E-08	-7.914E-09	-9.624E-09
478	527	G1	3.424E-08	1.607E-10	-8.560E-09
478	501	G2	-0.6938	-1.253E-04	-0.135
478	502	G2	-0.6805	-0.0437	-0.1265
478	528	G2	-0.57	-0.0399	-0.1349
478	527	G2	-0.5804	2.164E-05	-0.1434
478	501	Qm	2.5612	1.565E-04	-0.2853
478	502	Qm	2.5726	0.104	-0.3345
478	528	Qm	1.9869	0.1097	-0.3265
478	527	Qm	1.9939	1.100E-04	-0.2773
478	501	Qs	-2.404E-09	-9.460E-11	-3.131E-10
478	502	Qs	-2.441E-09	-6.676E-10	-2.687E-10
478	528	Qs	-1.989E-09	-6.764E-10	-2.244E-10
478	527	Qs	-1.549E-09	6.937E-11	-2.687E-10
478	501	T+	0.	0.	0.

Table 27: Element Forces - Area Shells, Part 2 of 3

Area	Joint	OutputCase	M11	M22	M12
			KN-mm/mm	KN-mm/mm	KN-mm/mm
478	502	T+	0.	0.	0.
478	528	T+	0.	0.	0.
478	527	T+	0.	0.	0.
478	501	T-	0.	0.	0.
478	502	T-	0.	0.	0.
478	528	T-	0.	0.	0.
478	527	T-	0.	0.	0.
478	501	W	-3.8461	1.306E-04	0.4127
478	502	W	-3.7999	-0.0804	0.3938
478	528	W	-4.1736	-0.1466	0.3542
478	527	W	-4.273	-0.003	0.3731
478	501	Qm-1	3.2394	2.619E-04	-0.2495
478	502	Qm-1	3.2608	0.1182	-0.3112
478	528	Qm-1	2.4994	0.1149	-0.3052
478	527	Qm-1	2.5034	2.759E-04	-0.2435
478	501	Qm-2	0.1361	2.060E-04	0.0274
478	502	Qm-2	0.1394	0.0198	0.0276
478	528	Qm-2	0.12	0.0098	0.0259
478	527	Qm-2	0.1095	1.558E-04	0.0257
479	502	DEAD	0.	0.	0.
479	503	DEAD	0.	0.	0.
479	529	DEAD	0.	0.	0.
479	528	DEAD	0.	0.	0.
479	502	G1	4.448E-08	-6.981E-09	-1.163E-08
479	503	G1	4.546E-08	-1.208E-08	-1.376E-08
479	529	G1	2.728E-08	-1.319E-08	-1.376E-08
479	528	G1	3.199E-08	-1.794E-09	-1.163E-08
479	502	G2	-0.6805	-0.0436	-0.1188
479	503	G2	-0.671	-0.0967	-0.111
479	529	G2	-0.5616	-0.0937	-0.1192
479	528	G2	-0.5699	-0.0398	-0.127
479	502	Qm	2.5726	0.1042	-0.3836
479	503	Qm	2.6284	0.3702	-0.4315
479	529	Qm	2.0063	0.3529	-0.4259
479	528	Qm	1.9869	0.1097	-0.378
479	502	Qs	-2.510E-09	-7.303E-10	-2.559E-10
479	503	Qs	-2.560E-09	-1.464E-09	-3.165E-10
479	529	Qs	-2.230E-09	-1.392E-09	-2.559E-10
479	528	Qs	-1.931E-09	-4.474E-10	-2.722E-10
479	502	T+	0.	0.	0.
479	503	T+	0.	0.	0.
479	529	T+	0.	0.	0.
479	528	T+	0.	0.	0.
479	502	T-	0.	0.	0.
479	503	T-	0.	0.	0.
479	529	T-	0.	0.	0.
479	528	T-	0.	0.	0.
479	502	W	-3.8001	-0.0814	0.3783
479	503	W	-3.7605	-0.0595	0.3759
479	529	W	-4.1046	-0.1268	0.355
479	528	W	-4.1735	-0.1459	0.3574
479	502	Qm-1	3.2609	0.1186	-0.3693
479	503	Qm-1	3.3373	0.436	-0.4243
479	529	Qm-1	2.539	0.3914	-0.4236

Table 27: Element Forces - Area Shells, Part 2 of 3

Area	Joint	OutputCase	M11	M22	M12
			KN-mm/mm	KN-mm/mm	KN-mm/mm
479	528	Qm-1	2.4995	0.115	-0.3687
479	502	Qm-2	0.1395	0.02	0.0319
479	503	Qm-2	0.1563	0.0736	0.0368
479	529	Qm-2	0.148	0.0545	0.0315
479	528	Qm-2	0.1201	0.0101	0.0267
480	503	DEAD	0.	0.	0.
480	504	DEAD	0.	0.	0.
480	530	DEAD	0.	0.	0.
480	529	DEAD	0.	0.	0.
480	503	G1	4.580E-08	-1.112E-08	-1.520E-08
480	504	G1	4.652E-08	-1.125E-08	-1.568E-08
480	530	G1	2.599E-08	-1.445E-08	-1.449E-08
480	529	G1	2.697E-08	-1.324E-08	-1.462E-08
480	503	G2	-0.671	-0.0968	-0.1032
480	504	G2	-0.6645	-0.157	-0.0945
480	530	G2	-0.5552	-0.1582	-0.1024
480	529	G2	-0.5616	-0.0938	-0.1111
480	503	Qm	2.6284	0.3706	-0.4728
480	504	Qm	2.7393	0.8083	-0.5076
480	530	Qm	2.053	0.7314	-0.5064
480	529	Qm	2.0064	0.353	-0.4716
480	503	Qs	-2.482E-09	-1.428E-09	-2.687E-10
480	504	Qs	-2.967E-09	-2.629E-09	-2.687E-10
480	530	Qs	-2.391E-09	-2.434E-09	-2.687E-10
480	529	Qs	-2.246E-09	-1.554E-09	-2.687E-10
480	503	T+	0.	0.	0.
480	504	T+	0.	0.	0.
480	530	T+	0.	0.	0.
480	529	T+	0.	0.	0.
480	503	T-	0.	0.	0.
480	504	T-	0.	0.	0.
480	530	T-	0.	0.	0.
480	529	T-	0.	0.	0.
480	503	W	-3.7606	-0.0598	0.3636
480	504	W	-3.7414	0.0427	0.3535
480	530	W	-4.0619	0.0219	0.3511
480	529	W	-4.1039	-0.1234	0.3612
480	503	Qm-1	3.3375	0.437	-0.4686
480	504	Qm-1	3.5162	0.9777	-0.4988
480	530	Qm-1	2.5668	0.8187	-0.5015
480	529	Qm-1	2.539	0.3914	-0.4713
480	503	Qm-2	0.1559	0.0715	0.0481
480	504	Qm-2	0.18	0.1812	0.0638
480	530	Qm-2	0.2213	0.1267	0.0511
480	529	Qm-2	0.1485	0.0575	0.0354
481	504	DEAD	0.	0.	0.
481	505	DEAD	0.	0.	0.
481	531	DEAD	0.	0.	0.
481	530	DEAD	0.	0.	0.
481	504	G1	4.592E-08	-9.887E-09	-1.369E-08
481	505	G1	5.326E-08	8.438E-09	-1.302E-08
481	531	G1	3.276E-08	-3.371E-09	-1.334E-08
481	530	G1	2.595E-08	-1.532E-08	-1.585E-08
481	504	G2	-0.6645	-0.1571	-0.0855

Table 27: Element Forces - Area Shells, Part 2 of 3

Area	Joint	OutputCase	M11	M22	M12
			KN-mm/mm	KN-mm/mm	KN-mm/mm
481	505	G2	-0.662	-0.2199	-0.0751
481	531	G2	-0.5525	-0.2252	-0.0816
481	530	G2	-0.5552	-0.1584	-0.092
481	504	Qm	2.7392	0.8079	-0.5276
481	505	Qm	2.9182	1.4629	-0.5281
481	531	Qm	2.1284	1.2467	-0.5324
481	530	Qm	2.053	0.7315	-0.5318
481	504	Qs	-2.835E-09	-2.552E-09	-2.623E-10
481	505	Qs	-2.716E-09	-2.776E-09	-2.483E-10
481	531	Qs	-2.500E-09	-2.738E-09	-2.623E-10
481	530	Qs	-2.398E-09	-2.447E-09	-3.148E-10
481	504	T+	0.	0.	0.
481	505	T+	0.	0.	0.
481	531	T+	0.	0.	0.
481	530	T+	0.	0.	0.
481	504	T-	0.	0.	0.
481	505	T-	0.	0.	0.
481	531	T-	0.	0.	0.
481	530	T-	0.	0.	0.
481	504	W	-3.7412	0.0438	0.3308
481	505	W	-3.7335	0.1808	0.3051
481	531	W	-4.0437	0.2006	0.3128
481	530	W	-4.0622	0.0209	0.3385
481	504	Qm-1	3.5153	0.9729	-0.4904
481	505	Qm-1	3.7325	1.8932	-0.4424
481	531	Qm-1	2.8124	1.4433	-0.4745
481	530	Qm-1	2.5668	0.8188	-0.5225
481	504	Qm-2	0.1806	0.1841	0.0855
481	505	Qm-2	0.1418	0.2852	0.0791
481	531	Qm-2	0.4177	0.4444	0.0637
481	530	Qm-2	0.2198	0.119	0.0701
482	505	DEAD	0.	0.	0.
482	506	DEAD	0.	0.	0.
482	532	DEAD	0.	0.	0.
482	531	DEAD	0.	0.	0.
482	505	G1	5.336E-08	8.967E-09	-1.120E-08
482	506	G1	5.091E-08	-4.725E-09	-9.651E-09
482	532	G1	2.809E-08	-7.790E-09	-9.072E-09
482	531	G1	3.345E-08	-1.622E-09	-1.001E-08
482	505	G2	-0.662	-0.22	-0.065
482	506	G2	-0.6642	-0.2808	-0.0536
482	532	G2	-0.5552	-0.2869	-0.0576
482	531	G2	-0.5525	-0.2253	-0.0691
482	505	Qm	2.9179	1.4616	-0.5045
482	506	Qm	3.0796	2.0581	-0.4571
482	532	Qm	2.197	1.711	-0.4609
482	531	Qm	2.1284	1.2467	-0.5083
482	505	Qs	-2.727E-09	-2.701E-09	-2.466E-10
482	506	Qs	-2.628E-09	-2.938E-09	-2.687E-10
482	532	Qs	-2.445E-09	-2.618E-09	-2.909E-10
482	531	Qs	-2.376E-09	-2.808E-09	-2.687E-10
482	505	T+	0.	0.	0.
482	506	T+	0.	0.	0.
482	532	T+	0.	0.	0.

Table 27: Element Forces - Area Shells, Part 2 of 3

Area	Joint	OutputCase	M11	M22	M12
			KN-mm/mm	KN-mm/mm	KN-mm/mm
482	531	T+	0.	0.	0.
482	505	T-	0.	0.	0.
482	506	T-	0.	0.	0.
482	532	T-	0.	0.	0.
482	531	T-	0.	0.	0.
482	505	W	-3.7334	0.1814	0.2702
482	506	W	-3.7271	0.3096	0.2328
482	532	W	-4.0493	0.3429	0.244
482	531	W	-4.0436	0.201	0.2813
482	505	Qm-1	3.7325	1.8934	-0.3851
482	506	Qm-1	3.6315	1.4823	-0.3277
482	532	Qm-1	2.6233	1.2713	-0.2916
482	531	Qm-1	2.8124	1.4433	-0.3489
482	505	Qm-2	0.1418	0.2853	0.0345
482	506	Qm-2	0.1959	0.269	0.0308
482	532	Qm-2	0.2503	0.1937	0.0432
482	531	Qm-2	0.4177	0.4446	0.047
483	506	DEAD	0.	0.	0.
483	507	DEAD	0.	0.	0.
483	533	DEAD	0.	0.	0.
483	532	DEAD	0.	0.	0.
483	506	G1	4.894E-08	-5.320E-09	-8.655E-09
483	507	G1	4.864E-08	-1.136E-08	-8.914E-09
483	533	G1	3.050E-08	-1.454E-08	-9.364E-09
483	532	G1	2.559E-08	-1.065E-08	-1.033E-08
483	506	G2	-0.6642	-0.2808	-0.0434
483	507	G2	-0.6712	-0.337	-0.0326
483	533	G2	-0.5634	-0.3397	-0.0339
483	532	G2	-0.5552	-0.2869	-0.0448
483	506	Qm	3.0795	2.0576	-0.3924
483	507	Qm	3.1366	2.3181	-0.3158
483	533	Qm	2.2236	1.9374	-0.3129
483	532	Qm	2.197	1.711	-0.3896
483	506	Qs	-2.714E-09	-3.011E-09	-2.995E-10
483	507	Qs	-2.590E-09	-3.325E-09	-3.298E-10
483	533	Qs	-2.340E-09	-3.136E-09	-3.660E-10
483	532	Qs	-2.482E-09	-2.918E-09	-3.741E-10
483	506	T+	0.	0.	0.
483	507	T+	0.	0.	0.
483	533	T+	0.	0.	0.
483	532	T+	0.	0.	0.
483	506	T-	0.	0.	0.
483	507	T-	0.	0.	0.
483	533	T-	0.	0.	0.
483	532	T-	0.	0.	0.
483	506	W	-3.7271	0.3099	0.194
483	507	W	-3.7116	0.4063	0.1558
483	533	W	-4.0746	0.4185	0.165
483	532	W	-4.0491	0.3439	0.2032
483	506	Qm-1	3.6325	1.4876	-0.298
483	507	Qm-1	3.579	1.4714	-0.2978
483	533	Qm-1	2.6677	1.3024	-0.2953
483	532	Qm-1	2.6233	1.2714	-0.2955
483	506	Qm-2	0.1954	0.2663	0.0595

Table 27: Element Forces - Area Shells, Part 2 of 3

Area	Joint	OutputCase	M11	M22	M12
			KN-mm/mm	KN-mm/mm	KN-mm/mm
483	507	Qm-2	0.192	0.2417	0.0834
483	533	Qm-2	0.219	0.2082	0.0902
483	532	Qm-2	0.2519	0.2017	0.0663
484	507	DEAD	0.	0.	0.
484	508	DEAD	0.	0.	0.
484	534	DEAD	0.	0.	0.
484	533	DEAD	0.	0.	0.
484	507	G1	4.912E-08	-1.068E-08	-1.018E-08
484	508	G1	4.426E-08	-1.620E-08	-1.018E-08
484	534	G1	2.549E-08	-1.924E-08	-9.474E-09
484	533	G1	3.065E-08	-1.403E-08	-9.474E-09
484	507	G2	-0.6711	-0.3369	-0.0237
484	508	G2	-0.6817	-0.3887	-0.015
484	534	G2	-0.576	-0.3847	-0.0143
484	533	G2	-0.5634	-0.3396	-0.0229
484	507	Qm	3.1366	2.3181	-0.2385
484	508	Qm	3.0959	2.2818	-0.1608
484	534	Qm	2.2089	1.9296	-0.1511
484	533	Qm	2.2236	1.9375	-0.2288
484	507	Qs	-2.634E-09	-3.301E-09	-4.223E-10
484	508	Qs	-2.892E-09	-3.991E-09	-4.666E-10
484	534	Qs	-2.712E-09	-3.888E-09	-4.223E-10
484	533	Qs	-2.454E-09	-3.198E-09	-3.780E-10
484	507	T+	0.	0.	0.
484	508	T+	0.	0.	0.
484	534	T+	0.	0.	0.
484	533	T+	0.	0.	0.
484	507	T-	0.	0.	0.
484	508	T-	0.	0.	0.
484	534	T-	0.	0.	0.
484	533	T-	0.	0.	0.
484	507	W	-3.7117	0.406	0.1271
484	508	W	-3.686	0.4863	0.1066
484	534	W	-4.0833	0.4198	0.1065
484	533	W	-4.0745	0.4188	0.127
484	507	Qm-1	3.579	1.4715	-0.2973
484	508	Qm-1	3.6847	1.7271	-0.2917
484	534	Qm-1	2.6684	1.4839	-0.2957
484	533	Qm-1	2.6677	1.3025	-0.3012
484	507	Qm-2	0.192	0.2417	0.1096
484	508	Qm-2	0.1968	0.297	0.1341
484	534	Qm-2	0.2689	0.2328	0.1261
484	533	Qm-2	0.219	0.2083	0.1016
485	508	DEAD	0.	0.	0.
485	509	DEAD	0.	0.	0.
485	535	DEAD	0.	0.	0.
485	534	DEAD	0.	0.	0.
485	508	G1	4.602E-08	-1.470E-08	-8.053E-09
485	509	G1	4.930E-08	-1.060E-08	-5.700E-09
485	535	G1	2.731E-08	-2.100E-08	-6.280E-09
485	534	G1	2.718E-08	-2.226E-08	-9.247E-09
485	508	G2	-0.6816	-0.3886	-0.0083
485	509	G2	-0.6936	-0.438	-0.0027
485	535	G2	-0.5897	-0.4272	-0.0012

Table 27: Element Forces - Area Shells, Part 2 of 3

Area	Joint	OutputCase	M11	M22	M12
			KN-mm/mm	KN-mm/mm	KN-mm/mm
485	534	G2	-0.5759	-0.3845	-0.0068
485	508	Qm	3.096	2.2825	-0.0936
485	509	Qm	2.9548	1.9198	-0.043
485	535	Qm	2.1562	1.6925	-0.0276
485	534	Qm	2.2089	1.9296	-0.0782
485	508	Qs	-2.816E-09	-3.880E-09	-3.869E-10
485	509	Qs	-2.887E-09	-4.805E-09	-3.728E-10
485	535	Qs	-3.040E-09	-4.670E-09	-3.426E-10
485	534	Qs	-2.873E-09	-4.071E-09	-3.950E-10
485	508	T+	0.	0.	0.
485	509	T+	0.	0.	0.
485	535	T+	0.	0.	0.
485	534	T+	0.	0.	0.
485	508	T-	0.	0.	0.
485	509	T-	0.	0.	0.
485	535	T-	0.	0.	0.
485	534	T-	0.	0.	0.
485	508	W	-3.6863	0.4846	0.1017
485	509	W	-3.6601	0.5953	0.1125
485	535	W	-4.0747	0.4437	0.1109
485	534	W	-4.0828	0.4219	0.1001
485	508	Qm-1	3.6837	1.7219	-0.2501
485	509	Qm-1	3.8433	2.386	-0.1758
485	535	Qm-1	2.9112	1.8777	-0.2156
485	534	Qm-1	2.6685	1.484	-0.2899
485	508	Qm-2	0.1973	0.2997	0.1643
485	509	Qm-2	0.1451	0.3481	0.1625
485	535	Qm-2	0.4551	0.508	0.148
485	534	Qm-2	0.2673	0.2249	0.1499
486	509	DEAD	0.	0.	0.
486	510	DEAD	0.	0.	0.
486	536	DEAD	0.	0.	0.
486	535	DEAD	0.	0.	0.
486	509	G1	5.018E-08	-6.615E-09	-3.636E-09
486	510	G1	4.388E-08	-4.217E-08	-1.768E-09
486	536	G1	1.130E-08	-4.780E-08	9.743E-10
486	535	G1	2.827E-08	-2.338E-08	-2.123E-09
486	509	G2	-0.6936	-0.438	0.002
486	510	G2	-0.7047	-0.4874	0.0054
486	536	G2	-0.601	-0.4732	0.0061
486	535	G2	-0.5897	-0.4271	0.0027
486	509	Qm	2.955	1.9212	-0.0139
486	510	Qm	2.8047	1.5199	-0.0084
486	536	Qm	2.1056	1.4225	0.0055
486	535	Qm	2.1562	1.6926	-1.922E-05
486	509	Qs	-2.846E-09	-4.459E-09	-3.707E-10
486	510	Qs	-3.400E-09	-5.769E-09	-4.393E-10
486	536	Qs	-3.394E-09	-5.473E-09	-2.820E-10
486	535	Qs	-2.960E-09	-4.763E-09	-3.285E-10
486	509	T+	0.	0.	0.
486	510	T+	0.	0.	0.
486	536	T+	0.	0.	0.
486	535	T+	0.	0.	0.
486	509	T-	0.	0.	0.

Table 27: Element Forces - Area Shells, Part 2 of 3

Area	Joint	OutputCase	M11	M22	M12
			KN-mm/mm	KN-mm/mm	KN-mm/mm
486	510	T-	0.	0.	0.
486	536	T-	0.	0.	0.
486	535	T-	0.	0.	0.
486	509	W	-3.6601	0.5956	0.1329
486	510	W	-3.6545	0.795	0.1714
486	536	W	-4.0781	0.6017	0.1858
486	535	W	-4.0762	0.4361	0.1473
486	509	Qm-1	3.8432	2.3858	-0.0929
486	510	Qm-1	3.6965	1.7498	-0.0133
486	536	Qm-1	2.7372	1.4971	0.0112
486	535	Qm-1	2.9112	1.8779	-0.0685
486	509	Qm-2	0.145	0.3479	0.121
486	510	Qm-2	0.1852	0.2832	0.1181
486	536	Qm-2	0.2846	0.219	0.1305
486	535	Qm-2	0.4551	0.508	0.1334
487	510	DEAD	0.	0.	0.
487	511	DEAD	0.	0.	0.
487	537	DEAD	0.	0.	0.
487	536	DEAD	0.	0.	0.
487	510	G1	4.342E-08	-3.767E-08	9.689E-10
487	511	G1	3.596E-08	-5.514E-08	1.678E-09
487	537	G1	2.156E-08	-5.757E-08	2.596E-10
487	536	G1	1.260E-08	-4.854E-08	-4.497E-10
487	510	G2	-0.7047	-0.4874	0.009
487	511	G2	-0.7142	-0.537	0.0122
487	537	G2	-0.6083	-0.5245	0.0114
487	536	G2	-0.601	-0.4732	0.0083
487	510	Qm	2.8047	1.5203	-0.0191
487	511	Qm	2.735	1.3684	-0.0438
487	537	Qm	2.098	1.3177	-0.0384
487	536	Qm	2.1056	1.4225	-0.0137
487	510	Qs	-3.408E-09	-5.818E-09	-3.686E-10
487	511	Qs	-3.027E-09	-5.429E-09	-3.464E-10
487	537	Qs	-2.987E-09	-5.773E-09	-5.016E-10
487	536	Qs	-3.387E-09	-5.567E-09	-5.238E-10
487	510	T+	0.	0.	0.
487	511	T+	0.	0.	0.
487	537	T+	0.	0.	0.
487	536	T+	0.	0.	0.
487	510	T-	0.	0.	0.
487	511	T-	0.	0.	0.
487	537	T-	0.	0.	0.
487	536	T-	0.	0.	0.
487	510	W	-3.6545	0.7952	0.199
487	511	W	-3.674	1.1066	0.2316
487	537	W	-4.1311	0.9673	0.2749
487	536	W	-4.078	0.6018	0.2423
487	510	Qm-1	3.6974	1.7543	0.038
487	511	Qm-1	3.6022	1.5573	0.0597
487	537	Qm-1	2.8095	1.3594	0.0506
487	536	Qm-1	2.7372	1.4971	0.0288
487	510	Qm-2	0.1844	0.2796	0.1444
487	511	Qm-2	0.1531	0.2176	0.1662
487	537	Qm-2	0.2537	0.2059	0.176

Table 27: Element Forces - Area Shells, Part 2 of 3

Area	Joint	OutputCase	M11	M22	M12
			KN-mm/mm	KN-mm/mm	KN-mm/mm
487	536	Qm-2	0.2862	0.2269	0.1542
488	511	DEAD	0.	0.	0.
488	512	DEAD	0.	0.	0.
488	538	DEAD	0.	0.	0.
488	537	DEAD	0.	0.	0.
488	511	G1	3.601E-08	-5.297E-08	1.208E-09
488	512	G1	3.421E-08	-5.055E-08	1.918E-09
488	538	G1	2.396E-08	-5.261E-08	2.272E-09
488	537	G1	2.016E-08	-5.910E-08	1.563E-09
488	511	G2	-0.7143	-0.5371	0.0162
488	512	G2	-0.7227	-0.584	0.021
488	538	G2	-0.6131	-0.5763	0.0196
488	537	G2	-0.6083	-0.5246	0.0149
488	511	Qm	2.735	1.368	-0.0705
488	512	Qm	2.7361	1.4354	-0.1025
488	538	Qm	2.1391	1.3923	-0.1053
488	537	Qm	2.098	1.3176	-0.0734
488	511	Qs	-3.008E-09	-5.562E-09	-4.248E-10
488	512	Qs	-3.230E-09	-5.468E-09	-3.583E-10
488	538	Qs	-2.919E-09	-5.451E-09	-2.918E-10
488	537	Qs	-3.066E-09	-5.781E-09	-3.583E-10
488	511	T+	0.	0.	0.
488	512	T+	0.	0.	0.
488	538	T+	0.	0.	0.
488	537	T+	0.	0.	0.
488	511	T-	0.	0.	0.
488	512	T-	0.	0.	0.
488	538	T-	0.	0.	0.
488	537	T-	0.	0.	0.
488	511	W	-3.6739	1.1068	0.2421
488	512	W	-3.7056	1.4865	0.2351
488	538	W	-4.1904	1.4638	0.2905
488	537	W	-4.1296	0.9752	0.2975
488	511	Qm-1	3.6019	1.5556	0.0785
488	512	Qm-1	3.6131	1.6826	0.0997
488	538	Qm-1	2.8983	1.4775	0.0891
488	537	Qm-1	2.8092	1.3577	0.0679
488	511	Qm-2	0.1536	0.2201	0.1794
488	512	Qm-2	0.0992	0.2141	0.1833
488	538	Qm-2	0.2605	0.2686	0.1956
488	537	Qm-2	0.2523	0.1987	0.1917
489	512	DEAD	0.	0.	0.
489	513	DEAD	0.	0.	0.
489	539	DEAD	0.	0.	0.
489	538	DEAD	0.	0.	0.
489	512	G1	3.550E-08	-4.775E-08	2.689E-09
489	513	G1	3.692E-08	-3.737E-08	2.559E-09
489	539	G1	2.460E-08	-3.631E-08	3.044E-09
489	538	G1	2.486E-08	-5.298E-08	2.559E-09
489	512	G2	-0.7227	-0.5841	0.0264
489	513	G2	-0.7316	-0.6238	0.0334
489	539	G2	-0.6189	-0.6201	0.033
489	538	G2	-0.6131	-0.5765	0.026
489	512	Qm	2.736	1.435	-0.1308

Table 27: Element Forces - Area Shells, Part 2 of 3

Area	Joint	OutputCase	M11	M22	M12
			KN-mm/mm	KN-mm/mm	KN-mm/mm
489	513	Qm	2.8004	1.7325	-0.1579
489	539	Qm	2.2304	1.672	-0.1662
489	538	Qm	2.139	1.3921	-0.1392
489	512	Qs	-3.163E-09	-5.433E-09	-3.216E-10
489	513	Qs	-3.146E-09	-5.191E-09	-3.519E-10
489	539	Qs	-2.978E-09	-4.771E-09	-3.438E-10
489	538	Qs	-2.861E-09	-5.493E-09	-3.519E-10
489	512	T+	0.	0.	0.
489	513	T+	0.	0.	0.
489	539	T+	0.	0.	0.
489	538	T+	0.	0.	0.
489	512	T-	0.	0.	0.
489	513	T-	0.	0.	0.
489	539	T-	0.	0.	0.
489	538	T-	0.	0.	0.
489	512	W	-3.7051	1.489	0.2118
489	513	W	-3.7152	1.8581	0.1625
489	539	W	-4.2212	1.9228	0.2055
489	538	W	-4.1907	1.4626	0.2548
489	512	Qm-1	3.6128	1.6816	0.1199
489	513	Qm-1	3.6744	2.149	0.1469
489	539	Qm-1	3.0277	1.9524	0.1463
489	538	Qm-1	2.8981	1.4765	0.1194
489	512	Qm-2	0.0994	0.2152	0.165
489	513	Qm-2	0.0718	0.1736	0.1315
489	539	Qm-2	0.1686	0.3272	0.1571
489	538	Qm-2	0.2616	0.2741	0.1906
490	513	DEAD	0.	0.	0.
490	514	DEAD	0.	0.	0.
490	540	DEAD	0.	0.	0.
490	539	DEAD	0.	0.	0.
490	513	G1	3.821E-08	-3.352E-08	3.276E-09
490	514	G1	3.343E-08	-6.593E-08	3.985E-09
490	540	G1	2.043E-08	-7.134E-08	3.276E-09
490	539	G1	2.567E-08	-3.663E-08	2.567E-09
490	513	G2	-0.7316	-0.6238	0.04
490	514	G2	-0.7424	-0.6522	0.0479
490	540	G2	-0.6283	-0.6485	0.0497
490	539	G2	-0.6189	-0.6202	0.0418
490	513	Qm	2.8003	1.7321	-0.1791
490	514	Qm	2.8823	2.0809	-0.1948
490	540	Qm	2.3298	1.9926	-0.2048
490	539	Qm	2.2303	1.6716	-0.189
490	513	Qs	-2.975E-09	-4.815E-09	-3.268E-10
490	514	Qs	-2.772E-09	-4.900E-09	-3.046E-10
490	540	Qs	-2.704E-09	-4.920E-09	-4.155E-10
490	539	Qs	-3.022E-09	-4.950E-09	-4.376E-10
490	513	T+	0.	0.	0.
490	514	T+	0.	0.	0.
490	540	T+	0.	0.	0.
490	539	T+	0.	0.	0.
490	513	T-	0.	0.	0.
490	514	T-	0.	0.	0.
490	540	T-	0.	0.	0.

Table 27: Element Forces - Area Shells, Part 2 of 3

Area	Joint	OutputCase	M11	M22	M12
			KN-mm/mm	KN-mm/mm	KN-mm/mm
490	539	T-	0.	0.	0.
490	513	W	-3.715	1.8589	0.1123
490	514	W	-3.6792	2.157	0.0421
490	540	W	-4.1911	2.2254	0.0534
490	539	W	-4.221	1.924	0.1236
490	513	Qm-1	3.6744	2.1489	0.1634
490	514	Qm-1	3.2989	0.5727	0.1823
490	540	Qm-1	2.6925	0.4283	0.2011
490	539	Qm-1	3.0277	1.9524	0.1823
490	513	Qm-2	0.0718	0.1736	0.1028
490	514	Qm-2	0.0419	0.0664	0.0675
490	540	Qm-2	0.2077	0.1347	0.0531
490	539	Qm-2	0.1685	0.3271	0.0884
491	514	DEAD	0.	0.	0.
491	515	DEAD	0.	0.	0.
491	541	DEAD	0.	0.	0.
491	540	DEAD	0.	0.	0.
491	514	G1	3.187E-08	-6.955E-08	2.048E-09
491	515	G1	2.392E-08	-9.730E-08	1.243E-09
491	541	G1	1.187E-08	-9.505E-08	2.048E-09
491	540	G1	1.997E-08	-7.022E-08	4.080E-09
491	514	G2	-0.7424	-0.6521	0.0546
491	515	G2	-0.7547	-0.6677	0.0617
491	541	G2	-0.6412	-0.66	0.0658
491	540	G2	-0.6283	-0.6485	0.0587
491	514	Qm	2.8823	2.0807	-0.2053
491	515	Qm	2.938	2.304	-0.2088
491	541	Qm	2.3953	2.1899	-0.2165
491	540	Qm	2.3298	1.9924	-0.213
491	514	Qs	-2.737E-09	-4.911E-09	-4.398E-10
491	515	Qs	-3.148E-09	-5.083E-09	-3.852E-10
491	541	Qs	-2.482E-09	-4.833E-09	-4.176E-10
491	540	Qs	-2.768E-09	-4.914E-09	-3.187E-10
491	514	T+	0.	0.	0.
491	515	T+	0.	0.	0.
491	541	T+	0.	0.	0.
491	540	T+	0.	0.	0.
491	514	T-	0.	0.	0.
491	515	T-	0.	0.	0.
491	541	T-	0.	0.	0.
491	540	T-	0.	0.	0.
491	514	W	-3.6793	2.1562	-0.0099
491	515	W	-3.5977	2.3792	-0.0631
491	541	W	-4.1016	2.3631	-0.0837
491	540	W	-4.1913	2.2242	-0.0305
491	514	Qm-1	3.299	0.5734	0.1843
491	515	Qm-1	2.9704	-0.6621	0.1783
491	541	Qm-1	2.3895	-0.7268	0.2103
491	540	Qm-1	2.6927	0.4292	0.2162
491	514	Qm-2	0.0417	0.0651	0.0444
491	515	Qm-2	0.0341	-0.079	0.0429
491	541	Qm-2	0.1366	-0.082	0.0442
491	540	Qm-2	0.2065	0.1289	0.0457
492	515	DEAD	0.	0.	0.

Table 27: Element Forces - Area Shells, Part 2 of 3

Area	Joint	OutputCase	M11	M22	M12
			KN-mm/mm	KN-mm/mm	KN-mm/mm
492	516	DEAD	0.	0.	0.
492	542	DEAD	0.	0.	0.
492	541	DEAD	0.	0.	0.
492	515	G1	2.373E-08	-1.012E-07	6.760E-11
492	516	G1	2.384E-08	-1.135E-07	-2.190E-09
492	542	G1	4.317E-09	-1.185E-07	-1.706E-09
492	541	G1	1.036E-08	-9.577E-08	-6.222E-11
492	515	G2	-0.7547	-0.6676	0.0673
492	516	G2	-0.7669	-0.6715	0.0724
492	542	G2	-0.6545	-0.6585	0.0776
492	541	G2	-0.6412	-0.6598	0.0725
492	515	Qm	2.938	2.3039	-0.2087
492	516	Qm	2.966	2.4211	-0.2024
492	542	Qm	2.4288	2.2888	-0.2062
492	541	Qm	2.3953	2.19	-0.2126
492	515	Qs	-3.189E-09	-5.399E-09	-4.531E-10
492	516	Qs	-2.655E-09	-4.980E-09	-5.439E-10
492	542	Qs	-2.956E-09	-5.167E-09	-5.195E-10
492	541	Qs	-2.525E-09	-4.794E-09	-5.439E-10
492	515	T+	0.	0.	0.
492	516	T+	0.	0.	0.
492	542	T+	0.	0.	0.
492	541	T+	0.	0.	0.
492	515	T-	0.	0.	0.
492	516	T-	0.	0.	0.
492	542	T-	0.	0.	0.
492	541	T-	0.	0.	0.
492	515	W	-3.5981	2.3769	-0.092
492	516	W	-3.495	2.5772	-0.1071
492	542	W	-3.9835	2.4639	-0.1406
492	541	W	-4.1014	2.3643	-0.1255
492	515	Qm-1	2.9705	-0.6614	0.1577
492	516	Qm-1	2.7022	-1.5912	0.1231
492	542	Qm-1	2.152	-1.5872	0.1539
492	541	Qm-1	2.3898	-0.7252	0.1885
492	515	Qm-2	0.034	-0.0794	0.0452
492	516	Qm-2	0.0042	-0.1933	0.0519
492	542	Qm-2	0.0729	-0.1924	0.062
492	541	Qm-2	0.1374	-0.0778	0.0554
493	516	DEAD	0.	0.	0.
493	517	DEAD	0.	0.	0.
493	543	DEAD	0.	0.	0.
493	542	DEAD	0.	0.	0.
493	516	G1	2.189E-08	-1.187E-07	-2.102E-09
493	517	G1	1.706E-08	-1.281E-07	-2.457E-09
493	543	G1	5.979E-09	-1.302E-07	-2.812E-09
493	542	G1	5.133E-09	-1.197E-07	-2.457E-09
493	516	G2	-0.7669	-0.6714	0.0766
493	517	G2	-0.7769	-0.6651	0.08
493	543	G2	-0.6646	-0.6495	0.0848
493	542	G2	-0.6545	-0.6583	0.0814
493	516	Qm	2.966	2.4211	-0.1942
493	517	Qm	2.9673	2.4454	-0.1813
493	543	Qm	2.4351	2.3017	-0.1813

Table 27: Element Forces - Area Shells, Part 2 of 3

Area	Joint	OutputCase	M11	M22	M12
			KN-mm/mm	KN-mm/mm	KN-mm/mm
493	542	Qm	2.4289	2.2889	-0.1942
493	516	Qs	-2.702E-09	-5.289E-09	-4.991E-10
493	517	Qs	-2.716E-09	-4.822E-09	-4.548E-10
493	543	Qs	-2.627E-09	-5.114E-09	-4.991E-10
493	542	Qs	-2.852E-09	-5.168E-09	-5.434E-10
493	516	T+	0.	0.	0.
493	517	T+	0.	0.	0.
493	543	T+	0.	0.	0.
493	542	T+	0.	0.	0.
493	516	T-	0.	0.	0.
493	517	T-	0.	0.	0.
493	543	T-	0.	0.	0.
493	542	T-	0.	0.	0.
493	516	W	-3.495	2.577	-0.1067
493	517	W	-3.4039	2.8258	-0.0872
493	543	W	-3.8793	2.6605	-0.1094
493	542	W	-3.9851	2.456	-0.1288
493	516	Qm-1	2.7023	-1.5907	0.0807
493	517	Qm-1	2.506	-2.2468	0.026
493	543	Qm-1	1.9856	-2.2019	0.0486
493	542	Qm-1	2.152	-1.5872	0.1033
493	516	Qm-2	0.0043	-0.1926	0.0583
493	517	Qm-2	-0.0255	-0.2658	0.0638
493	543	Qm-2	0.0314	-0.2668	0.0725
493	542	Qm-2	0.0729	-0.1927	0.067
494	517	DEAD	0.	0.	0.
494	518	DEAD	0.	0.	0.
494	544	DEAD	0.	0.	0.
494	543	DEAD	0.	0.	0.
494	517	G1	1.575E-08	-1.309E-07	-3.331E-09
494	518	G1	1.590E-08	-1.339E-07	-3.686E-09
494	544	G1	5.158E-09	-1.392E-07	-4.040E-09
494	543	G1	8.233E-09	-1.275E-07	-3.686E-09
494	517	G2	-0.7769	-0.6651	0.0836
494	518	G2	-0.7837	-0.6486	0.0869
494	544	G2	-0.6695	-0.6349	0.0907
494	543	G2	-0.6646	-0.6496	0.0873
494	517	Qm	2.9673	2.4454	-0.1676
494	518	Qm	2.9439	2.3854	-0.1506
494	544	Qm	2.418	2.236	-0.1474
494	543	Qm	2.4351	2.3018	-0.1644
494	517	Qs	-2.783E-09	-4.971E-09	-3.933E-10
494	518	Qs	-2.499E-09	-4.853E-09	-3.046E-10
494	544	Qs	-2.700E-09	-5.286E-09	-3.490E-10
494	543	Qs	-2.466E-09	-4.886E-09	-4.376E-10
494	517	T+	0.	0.	0.
494	518	T+	0.	0.	0.
494	544	T+	0.	0.	0.
494	543	T+	0.	0.	0.
494	517	T-	0.	0.	0.
494	518	T-	0.	0.	0.
494	544	T-	0.	0.	0.
494	543	T-	0.	0.	0.
494	517	W	-3.4039	2.8256	-0.0754

Table 27: Element Forces - Area Shells, Part 2 of 3

Area	Joint	OutputCase	M11	M22	M12
			KN-mm/mm	KN-mm/mm	KN-mm/mm
494	518	W	-3.3373	3.1584	-0.0567
494	544	W	-3.8321	3.0396	-0.0507
494	543	W	-3.8793	2.6604	-0.0695
494	517	Qm-1	2.506	-2.2467	-0.0308
494	518	Qm-1	2.3852	-2.645	-0.0961
494	544	Qm-1	1.8859	-2.5803	-0.0825
494	543	Qm-1	1.9856	-2.2021	-0.0173
494	517	Qm-2	-0.0255	-0.2657	0.0705
494	518	Qm-2	-0.0464	-0.3061	0.0759
494	544	Qm-2	0.0083	-0.3085	0.0817
494	543	Qm-2	0.0314	-0.2669	0.0763
495	518	DEAD	0.	0.	0.
495	519	DEAD	0.	0.	0.
495	545	DEAD	0.	0.	0.
495	544	DEAD	0.	0.	0.
495	518	G1	1.583E-08	-1.378E-07	-4.130E-09
495	519	G1	1.537E-08	-1.370E-07	-5.194E-09
495	545	G1	8.335E-09	-1.370E-07	-5.903E-09
495	544	G1	6.413E-09	-1.350E-07	-4.839E-09
495	518	G2	-0.7838	-0.6487	0.0909
495	519	G2	-0.7879	-0.6191	0.0957
495	545	G2	-0.6711	-0.6095	0.0992
495	544	G2	-0.6696	-0.635	0.0944
495	518	Qm	2.9439	2.3854	-0.1338
495	519	Qm	2.8973	2.2474	-0.1149
495	545	Qm	2.3799	2.0972	-0.1087
495	544	Qm	2.418	2.236	-0.1277
495	518	Qs	-2.497E-09	-4.958E-09	-2.035E-10
495	519	Qs	-2.514E-09	-4.783E-09	-1.813E-10
495	545	Qs	-2.131E-09	-4.859E-09	-2.700E-10
495	544	Qs	-2.550E-09	-5.029E-09	-2.922E-10
495	518	T+	0.	0.	0.
495	519	T+	0.	0.	0.
495	545	T+	0.	0.	0.
495	544	T+	0.	0.	0.
495	518	T-	0.	0.	0.
495	519	T-	0.	0.	0.
495	545	T-	0.	0.	0.
495	544	T-	0.	0.	0.
495	518	W	-3.3374	3.1582	-0.0596
495	519	W	-3.2901	3.5446	-0.0767
495	545	W	-3.8056	3.5364	-0.0553
495	544	W	-3.8306	3.0469	-0.0382
495	518	Qm-1	2.3852	-2.645	-0.1598
495	519	Qm-1	2.3403	-2.789	-0.2286
495	545	Qm-1	1.8504	-2.7214	-0.2237
495	544	Qm-1	1.8859	-2.5803	-0.1549
495	518	Qm-2	-0.0464	-0.3061	0.0832
495	519	Qm-2	-0.0566	-0.3169	0.0893
495	545	Qm-2	0.0024	-0.3206	0.0917
495	544	Qm-2	0.0083	-0.3085	0.0856
496	519	DEAD	0.	0.	0.
496	520	DEAD	0.	0.	0.
496	546	DEAD	0.	0.	0.

Table 27: Element Forces - Area Shells, Part 2 of 3

Area	Joint	OutputCase	M11	M22	M12
			KN-mm/mm	KN-mm/mm	KN-mm/mm
496	545	DEAD	0.	0.	0.
496	519	G1	1.563E-08	-1.401E-07	-6.784E-09
496	520	G1	1.915E-08	-1.250E-07	-8.333E-09
496	546	G1	5.386E-09	-1.296E-07	-7.139E-09
496	545	G1	8.466E-09	-1.337E-07	-6.205E-09
496	519	G2	-0.7879	-0.6192	0.1007
496	520	G2	-0.7908	-0.5718	0.107
496	546	G2	-0.6733	-0.5646	0.1119
496	545	G2	-0.6712	-0.6097	0.1056
496	519	Qm	2.8973	2.2474	-0.097
496	520	Qm	2.8284	2.0361	-0.0781
496	546	Qm	2.3219	1.8905	-0.069
496	545	Qm	2.3799	2.0972	-0.088
496	519	Qs	-2.527E-09	-4.782E-09	-1.898E-10
496	520	Qs	-2.390E-09	-4.326E-09	-1.455E-10
496	546	Qs	-2.433E-09	-4.510E-09	-7.896E-11
496	545	Qs	-2.182E-09	-4.750E-09	-1.233E-10
496	519	T+	0.	0.	0.
496	520	T+	0.	0.	0.
496	546	T+	0.	0.	0.
496	545	T+	0.	0.	0.
496	519	T-	0.	0.	0.
496	520	T-	0.	0.	0.
496	546	T-	0.	0.	0.
496	545	T-	0.	0.	0.
496	519	W	-3.2898	3.5463	-0.1144
496	520	W	-3.2421	3.9225	-0.1717
496	546	W	-3.783	3.9982	-0.1514
496	545	W	-3.8061	3.5341	-0.0941
496	519	Qm-1	2.3403	-2.789	-0.2927
496	520	Qm-1	2.3724	-2.6745	-0.359
496	546	Qm-1	1.8802	-2.6202	-0.3629
496	545	Qm-1	1.8504	-2.7214	-0.2966
496	519	Qm-2	-0.0566	-0.3169	0.0976
496	520	Qm-2	-0.0557	-0.2985	0.1048
496	546	Qm-2	0.0142	-0.3035	0.1036
496	545	Qm-2	0.0024	-0.3206	0.0964
497	520	DEAD	0.	0.	0.
497	521	DEAD	0.	0.	0.
497	547	DEAD	0.	0.	0.
497	546	DEAD	0.	0.	0.
497	520	G1	1.791E-08	-1.247E-07	-7.583E-09
497	521	G1	2.161E-08	-1.086E-07	-8.163E-09
497	547	G1	1.175E-08	-1.097E-07	-9.002E-09
497	546	G1	7.289E-09	-1.259E-07	-7.808E-09
497	520	G2	-0.7908	-0.5718	0.1122
497	521	G2	-0.794	-0.5026	0.1183
497	547	G2	-0.6799	-0.4929	0.1262
497	546	G2	-0.6733	-0.5648	0.1201
497	520	Qm	2.8284	2.0361	-0.0615
497	521	Qm	2.7374	1.7551	-0.0448
497	547	Qm	2.2436	1.6206	-0.0325
497	546	Qm	2.3219	1.8904	-0.0491
497	520	Qs	-2.390E-09	-4.287E-09	-9.828E-12

Table 27: Element Forces - Area Shells, Part 2 of 3

Area	Joint	OutputCase	M11	M22	M12
			KN-mm/mm	KN-mm/mm	KN-mm/mm
497	521	Qs	-2.273E-09	-3.623E-09	4.225E-12
497	547	Qs	-2.201E-09	-3.810E-09	-5.416E-11
497	546	Qs	-2.433E-09	-4.360E-09	-1.066E-10
497	520	T+	0.	0.	0.
497	521	T+	0.	0.	0.
497	547	T+	0.	0.	0.
497	546	T+	0.	0.	0.
497	520	T-	0.	0.	0.
497	521	T-	0.	0.	0.
497	547	T-	0.	0.	0.
497	546	T-	0.	0.	0.
497	520	W	-3.2421	3.9224	-0.2418
497	521	W	-3.1867	4.2444	-0.3201
497	547	W	-3.7739	4.3195	-0.3067
497	546	W	-3.7831	3.9974	-0.2284
497	520	Qm-1	2.3724	-2.6746	-0.4175
497	521	Qm-1	2.483	-2.2893	-0.475
497	547	Qm-1	1.9801	-2.2669	-0.4881
497	546	Qm-1	1.8803	-2.6201	-0.4306
497	520	Qm-2	-0.0558	-0.2986	0.1146
497	521	Qm-2	-0.0451	-0.2488	0.1236
497	547	Qm-2	0.046	-0.2552	0.1189
497	546	Qm-2	0.0143	-0.3034	0.1098
498	521	DEAD	0.	0.	0.
498	522	DEAD	0.	0.	0.
498	548	DEAD	0.	0.	0.
498	547	DEAD	0.	0.	0.
498	521	G1	2.201E-08	-1.094E-07	-8.620E-09
498	522	G1	2.660E-08	-8.321E-08	-8.880E-09
498	548	G1	1.692E-08	-8.484E-08	-7.556E-09
498	547	G1	1.202E-08	-1.125E-07	-8.525E-09
498	521	G2	-0.794	-0.5026	0.1218
498	522	G2	-0.7977	-0.4099	0.1254
498	548	G2	-0.6931	-0.3932	0.1369
498	547	G2	-0.6799	-0.4929	0.1333
498	521	Qm	2.7374	1.7551	-0.0321
498	522	Qm	2.6239	1.4056	-0.0208
498	548	Qm	2.1434	1.2907	-0.0045
498	547	Qm	2.2436	1.6205	-0.0159
498	521	Qs	-2.279E-09	-3.660E-09	5.805E-11
498	522	Qs	-2.263E-09	-3.055E-09	1.408E-10
498	548	Qs	-2.041E-09	-3.201E-09	1.467E-10
498	547	Qs	-2.188E-09	-3.878E-09	1.408E-10
498	521	T+	0.	0.	0.
498	522	T+	0.	0.	0.
498	548	T+	0.	0.	0.
498	547	T+	0.	0.	0.
498	521	T-	0.	0.	0.
498	522	T-	0.	0.	0.
498	548	T-	0.	0.	0.
498	547	T-	0.	0.	0.
498	521	W	-3.1877	4.2394	-0.4045
498	522	W	-3.1897	4.5308	-0.4556
498	548	W	-3.8358	4.4505	-0.4246

Table 27: Element Forces - Area Shells, Part 2 of 3

Area	Joint	OutputCase	M11	M22	M12
			KN-mm/mm	KN-mm/mm	KN-mm/mm
498	547	W	-3.7741	4.3185	-0.3736
498	521	Qm-1	2.483	-2.2897	-0.5212
498	522	Qm-1	2.6713	-1.6092	-0.5617
498	548	Qm-1	2.1573	-1.6409	-0.5834
498	547	Qm-1	1.9801	-2.2669	-0.5429
498	521	Qm-2	-0.0453	-0.2495	0.1351
498	522	Qm-2	-0.0332	-0.1612	0.1471
498	548	Qm-2	0.1036	-0.168	0.1399
498	547	Qm-2	0.0461	-0.2549	0.1279
499	522	DEAD	0.	0.	0.
499	523	DEAD	0.	0.	0.
499	549	DEAD	0.	0.	0.
499	548	DEAD	0.	0.	0.
499	522	G1	2.546E-08	-8.800E-08	-8.880E-09
499	523	G1	3.124E-08	-4.796E-08	-8.265E-09
499	549	G1	2.368E-08	-4.899E-08	-8.525E-09
499	548	G1	1.652E-08	-8.857E-08	-7.911E-09
499	522	G2	-0.7977	-0.4102	0.1253
499	523	G2	-0.8043	-0.2939	0.1258
499	549	G2	-0.7132	-0.2744	0.1412
499	548	G2	-0.6931	-0.393	0.1406
499	522	Qm	2.6239	1.4057	-0.0153
499	523	Qm	2.4886	0.9845	-0.0132
499	549	Qm	2.019	0.8993	0.007
499	548	Qm	2.1434	1.2907	0.0049
499	522	Qs	-2.368E-09	-3.312E-09	1.203E-10
499	523	Qs	-2.299E-09	-2.229E-09	2.112E-10
499	549	Qs	-1.884E-09	-2.284E-09	1.868E-10
499	548	Qs	-1.967E-09	-3.093E-09	2.112E-10
499	522	T+	0.	0.	0.
499	523	T+	0.	0.	0.
499	549	T+	0.	0.	0.
499	548	T+	0.	0.	0.
499	522	T-	0.	0.	0.
499	523	T-	0.	0.	0.
499	549	T-	0.	0.	0.
499	548	T-	0.	0.	0.
499	522	W	-3.1934	4.5123	-0.4884
499	523	W	-3.4441	4.8645	-0.3943
499	549	W	-3.9183	4.2391	-0.3191
499	548	W	-3.8332	4.4635	-0.4131
499	522	Qm-1	2.6712	-1.6098	-0.5898
499	523	Qm-1	2.9281	-0.5936	-0.6068
499	549	Qm-1	2.4094	-0.6861	-0.6307
499	548	Qm-1	2.1569	-1.6424	-0.6137
499	522	Qm-2	-0.0331	-0.1607	0.1565
499	523	Qm-2	-0.0415	-0.0446	0.1622
499	549	Qm-2	0.1696	0.0088	0.1624
499	548	Qm-2	0.1027	-0.1722	0.1567
500	523	DEAD	0.	0.	0.
500	524	DEAD	0.	0.	0.
500	550	DEAD	0.	0.	0.
500	549	DEAD	0.	0.	0.
500	523	G1	3.107E-08	-5.021E-08	-8.907E-09

Table 27: Element Forces - Area Shells, Part 2 of 3

Area	Joint	OutputCase	M11	M22	M12
			KN-mm/mm	KN-mm/mm	KN-mm/mm
500	524	G1	4.131E-08	-1.063E-08	-8.777E-09
500	550	G1	2.939E-08	-1.608E-08	-8.907E-09
500	549	G1	2.314E-08	-5.044E-08	-8.423E-09
500	523	G2	-0.8042	-0.2936	0.1245
500	524	G2	-0.8198	-0.1636	0.1264
500	550	G2	-0.735	-0.1571	0.1445
500	549	G2	-0.7132	-0.274	0.1426
500	523	Qm	2.4887	0.9847	-0.0183
500	524	Qm	2.3345	0.4835	-0.0291
500	550	Qm	1.8711	0.434	-0.0065
500	549	Qm	2.019	0.8996	0.0043
500	523	Qs	-2.336E-09	-2.389E-09	2.146E-10
500	524	Qs	-2.161E-09	-1.744E-09	2.065E-10
500	550	Qs	-1.954E-09	-1.940E-09	2.589E-10
500	549	Qs	-1.956E-09	-2.182E-09	2.286E-10
500	523	T+	0.	0.	0.
500	524	T+	0.	0.	0.
500	550	T+	0.	0.	0.
500	549	T+	0.	0.	0.
500	523	T-	0.	0.	0.
500	524	T-	0.	0.	0.
500	550	T-	0.	0.	0.
500	549	T-	0.	0.	0.
500	523	W	-3.4135	5.0176	-0.1044
500	524	W	-3.7844	4.0298	0.1789
500	550	W	-3.7388	3.3782	0.1418
500	549	W	-3.9228	4.2164	-0.1416
500	523	Qm-1	2.928	-0.5943	-0.6184
500	524	Qm-1	3.2443	0.8013	-0.6188
500	550	Qm-1	2.7075	0.6848	-0.6316
500	549	Qm-1	2.4092	-0.6869	-0.6311
500	523	Qm-2	-0.0412	-0.0434	0.148
500	524	Qm-2	-0.0257	0.0333	0.1217
500	550	Qm-2	0.1333	0.1756	0.1362
500	549	Qm-2	0.1707	0.0146	0.1624
501	524	DEAD	0.	0.	0.
501	525	DEAD	0.	0.	0.
501	551	DEAD	0.	0.	0.
501	550	DEAD	0.	0.	0.
501	524	G1	4.270E-08	-8.617E-09	-7.521E-09
501	525	G1	3.838E-08	-1.104E-08	-7.521E-09
501	551	G1	3.096E-08	-8.839E-09	-6.812E-09
501	550	G1	2.952E-08	-1.494E-08	-6.812E-09
501	524	G2	-0.8197	-0.1631	0.1323
501	525	G2	-0.8339	-0.0596	0.1388
501	551	G2	-0.7533	-0.064	0.1538
501	550	G2	-0.735	-0.1568	0.1473
501	524	Qm	2.3345	0.4838	-0.0466
501	525	Qm	2.2056	0.0913	-0.071
501	551	Qm	1.7447	0.0732	-0.0492
501	550	Qm	1.8712	0.4343	-0.0248
501	524	Qs	-2.092E-09	-1.658E-09	2.850E-10
501	525	Qs	-2.025E-09	-7.586E-10	3.293E-10
501	551	Qs	-1.801E-09	-8.021E-10	3.293E-10

Table 27: Element Forces - Area Shells, Part 2 of 3

Area	Joint	OutputCase	M11	M22	M12
			KN-mm/mm	KN-mm/mm	KN-mm/mm
501	550	Qs	-1.969E-09	-1.745E-09	2.850E-10
501	524	T+	0.	0.	0.
501	525	T+	0.	0.	0.
501	551	T+	0.	0.	0.
501	550	T+	0.	0.	0.
501	524	T-	0.	0.	0.
501	525	T-	0.	0.	0.
501	551	T-	0.	0.	0.
501	550	T-	0.	0.	0.
501	524	W	-3.9314	3.2952	0.5148
501	525	W	-2.8986	4.3366	1.0453
501	551	W	-3.4099	1.4482	0.7246
501	550	W	-3.6981	3.5815	0.1941
501	524	Qm-1	3.2444	0.8014	-0.6252
501	525	Qm-1	3.1353	0.2012	-0.63
501	551	Qm-1	2.5678	0.1198	-0.6267
501	550	Qm-1	2.7075	0.685	-0.6219
501	524	Qm-2	-0.0257	0.0332	0.1033
501	525	Qm-2	-0.0135	0.0422	0.0801
501	551	Qm-2	0.2342	0.0923	0.0535
501	550	Qm-2	0.1334	0.1757	0.0766
502	525	DEAD	0.	0.	0.
502	526	DEAD	0.	0.	0.
502	552	DEAD	0.	0.	0.
502	551	DEAD	0.	0.	0.
502	525	G1	3.883E-08	-7.661E-09	-7.631E-09
502	526	G1	3.979E-08	-4.305E-10	-8.695E-09
502	552	G1	3.276E-08	1.339E-09	-8.340E-09
502	551	G1	3.195E-08	-8.809E-09	-7.276E-09
502	525	G2	-0.834	-0.0604	0.1485
502	526	G2	-0.8455	4.541E-04	0.1559
502	552	G2	-0.7717	-1.805E-04	0.1674
502	551	G2	-0.7534	-0.0644	0.16
502	525	Qm	2.2056	0.0914	-0.0997
502	526	Qm	2.1466	4.216E-04	-0.1344
502	552	Qm	1.6833	2.397E-04	-0.1161
502	551	Qm	1.7447	0.0733	-0.0814
502	525	Qs	-1.980E-09	-7.601E-10	3.455E-10
502	526	Qs	-1.977E-09	-5.369E-11	3.455E-10
502	552	Qs	-1.498E-09	1.875E-10	3.455E-10
502	551	Qs	-1.827E-09	-7.685E-10	3.455E-10
502	525	T+	0.	0.	0.
502	526	T+	0.	0.	0.
502	552	T+	0.	0.	0.
502	551	T+	0.	0.	0.
502	525	T-	0.	0.	0.
502	526	T-	0.	0.	0.
502	552	T-	0.	0.	0.
502	551	T-	0.	0.	0.
502	525	W	-3.6545	0.557	1.3567
502	526	W	-2.3064	0.7292	1.1981
502	552	W	-2.6881	-0.1942	0.7056
502	551	W	-3.2503	2.2464	0.8642
502	525	Qm-1	3.1355	0.2022	-0.649

Table 27: Element Forces - Area Shells, Part 2 of 3

Area	Joint	OutputCase	M11	M22	M12
			KN-mm/mm	KN-mm/mm	KN-mm/mm
502	526	Qm-1	3.1016	9.100E-04	-0.681
502	552	Qm-1	2.4833	-0.0012	-0.6698
502	551	Qm-1	2.568	0.1208	-0.6378
502	525	Qm-2	-0.0137	0.0415	0.0719
502	526	Qm-2	0.0211	4.153E-04	0.0826
502	552	Qm-2	0.2358	-0.0037	0.0694
502	551	Qm-2	0.233	0.0864	0.0586
503	527	DEAD	0.	0.	0.
503	528	DEAD	0.	0.	0.
503	554	DEAD	0.	0.	0.
503	553	DEAD	0.	0.	0.
503	527	G1	3.690E-08	4.793E-10	-7.891E-09
503	528	G1	3.644E-08	-6.775E-09	-9.664E-09
503	554	G1	1.695E-08	-4.574E-09	-9.309E-09
503	553	G1	2.048E-08	-3.914E-10	-7.536E-09
503	527	G2	-0.5811	-1.232E-04	-0.1513
503	528	G2	-0.5696	-0.0398	-0.1423
503	554	G2	-0.4414	-0.0306	-0.1485
503	553	G2	-0.4457	7.806E-05	-0.1575
503	527	Qm	1.9921	-2.620E-04	-0.2661
503	528	Qm	1.9868	0.1097	-0.3144
503	554	Qm	1.416	0.1169	-0.2988
503	553	Qm	1.4401	-3.160E-04	-0.2505
503	527	Qs	-1.667E-09	-4.361E-11	-1.826E-10
503	528	Qs	-1.653E-09	-5.508E-10	-2.048E-10
503	554	Qs	-1.523E-09	-5.867E-10	-2.269E-10
503	553	Qs	-1.249E-09	2.084E-10	-2.048E-10
503	527	T+	0.	0.	0.
503	528	T+	0.	0.	0.
503	554	T+	0.	0.	0.
503	553	T+	0.	0.	0.
503	527	T-	0.	0.	0.
503	528	T-	0.	0.	0.
503	554	T-	0.	0.	0.
503	553	T-	0.	0.	0.
503	527	W	-4.2613	-6.857E-04	0.314
503	528	W	-4.1783	-0.1475	0.3076
503	554	W	-4.5333	-0.2842	0.2307
503	553	W	-4.7334	9.874E-04	0.237
503	527	Qm-1	2.4998	-4.465E-04	-0.2341
503	528	Qm-1	2.5027	0.1156	-0.2948
503	554	Qm-1	1.7593	0.1148	-0.2809
503	553	Qm-1	1.7827	-4.317E-04	-0.2202
503	527	Qm-2	0.11	2.557E-04	0.0237
503	528	Qm-2	0.1199	0.0098	0.0216
503	554	Qm-2	0.0846	0.0061	0.0182
503	553	Qm-2	0.0749	1.288E-04	0.0203
504	528	DEAD	0.	0.	0.
504	529	DEAD	0.	0.	0.
504	555	DEAD	0.	0.	0.
504	554	DEAD	0.	0.	0.
504	528	G1	3.721E-08	-2.270E-09	-1.095E-08
504	529	G1	2.969E-08	-1.295E-08	-1.189E-08
504	555	G1	1.575E-08	-1.060E-08	-1.095E-08

Table 27: Element Forces - Area Shells, Part 2 of 3

Area	Joint	OutputCase	M11	M22	M12
			KN-mm/mm	KN-mm/mm	KN-mm/mm
504	554	G1	1.874E-08	-5.990E-09	-9.406E-09
504	528	G2	-0.5696	-0.0397	-0.1345
504	529	G2	-0.5615	-0.0937	-0.1274
504	555	G2	-0.4362	-0.0862	-0.1347
504	554	G2	-0.4414	-0.0305	-0.1418
504	528	Qm	1.9868	0.1097	-0.3658
504	529	Qm	2.0056	0.3528	-0.4135
504	555	Qm	1.3987	0.3389	-0.3944
504	554	Qm	1.416	0.1168	-0.3467
504	528	Qs	-1.565E-09	-3.830E-10	-2.427E-10
504	529	Qs	-2.090E-09	-1.358E-09	-1.902E-10
504	555	Qs	-1.740E-09	-1.322E-09	-1.540E-10
504	554	Qs	-1.546E-09	-5.051E-10	-1.681E-10
504	528	T+	0.	0.	0.
504	529	T+	0.	0.	0.
504	555	T+	0.	0.	0.
504	554	T+	0.	0.	0.
504	528	T-	0.	0.	0.
504	529	T-	0.	0.	0.
504	555	T-	0.	0.	0.
504	554	T-	0.	0.	0.
504	528	W	-4.1781	-0.1468	0.3139
504	529	W	-4.1049	-0.1269	0.3397
504	555	W	-4.382	-0.2305	0.2959
504	554	W	-4.5352	-0.2938	0.2701
504	528	Qm-1	2.5028	0.1157	-0.3583
504	529	Qm-1	2.5235	0.3883	-0.4133
504	555	Qm-1	1.7428	0.3487	-0.3931
504	554	Qm-1	1.7592	0.1145	-0.3381
504	528	Qm-2	0.12	0.0101	0.0221
504	529	Qm-2	0.148	0.0545	0.0214
504	555	Qm-2	0.1078	0.0462	0.0143
504	554	Qm-2	0.0847	0.0064	0.0149
505	529	DEAD	0.	0.	0.
505	530	DEAD	0.	0.	0.
505	556	DEAD	0.	0.	0.
505	555	DEAD	0.	0.	0.
505	529	G1	2.861E-08	-1.239E-08	-1.336E-08
505	530	G1	2.766E-08	-1.545E-08	-1.478E-08
505	556	G1	1.239E-08	-1.479E-08	-1.407E-08
505	555	G1	1.764E-08	-1.235E-08	-1.265E-08
505	529	G2	-0.5615	-0.0938	-0.1194
505	530	G2	-0.5552	-0.1582	-0.1101
505	556	G2	-0.4309	-0.1599	-0.1183
505	555	G2	-0.4363	-0.0865	-0.1275
505	529	Qm	2.0056	0.3528	-0.4592
505	530	Qm	2.052	0.7312	-0.4945
505	556	Qm	1.3814	0.6596	-0.4715
505	555	Qm	1.3986	0.3387	-0.4361
505	529	Qs	-2.029E-09	-1.555E-09	-1.873E-10
505	530	Qs	-2.523E-09	-2.379E-09	-2.316E-10
505	556	Qs	-1.724E-09	-2.159E-09	-2.094E-10
505	555	Qs	-1.786E-09	-1.354E-09	-1.651E-10
505	529	T+	0.	0.	0.

Table 27: Element Forces - Area Shells, Part 2 of 3

Area	Joint	OutputCase	M11	M22	M12
			KN-mm/mm	KN-mm/mm	KN-mm/mm
505	530	T+	0.	0.	0.
505	556	T+	0.	0.	0.
505	555	T+	0.	0.	0.
505	529	T-	0.	0.	0.
505	530	T-	0.	0.	0.
505	556	T-	0.	0.	0.
505	555	T-	0.	0.	0.
505	529	W	-4.1042	-0.1235	0.3457
505	530	W	-4.0611	0.0221	0.3534
505	556	W	-4.2781	0.0013	0.3385
505	555	W	-4.3836	-0.2385	0.3308
505	529	Qm-1	2.5235	0.3884	-0.461
505	530	Qm-1	2.6227	0.8299	-0.4923
505	556	Qm-1	1.6907	0.6783	-0.4701
505	555	Qm-1	1.7426	0.3478	-0.4387
505	529	Qm-2	0.1486	0.0575	0.025
505	530	Qm-2	0.2213	0.1267	0.0196
505	556	Qm-2	0.1386	0.1412	0.0048
505	555	Qm-2	0.1074	0.0441	0.0102
506	530	DEAD	0.	0.	0.
506	531	DEAD	0.	0.	0.
506	557	DEAD	0.	0.	0.
506	556	DEAD	0.	0.	0.
506	530	G1	2.520E-08	-1.455E-08	-1.563E-08
506	531	G1	3.119E-08	-3.739E-09	-1.540E-08
506	557	G1	6.098E-09	-1.752E-08	-1.386E-08
506	556	G1	1.439E-08	-1.221E-08	-1.470E-08
506	530	G2	-0.5552	-0.1584	-0.0998
506	531	G2	-0.5526	-0.2252	-0.0872
506	557	G2	-0.4294	-0.2347	-0.0939
506	556	G2	-0.4309	-0.1601	-0.1066
506	530	Qm	2.052	0.7313	-0.52
506	531	Qm	2.1287	1.2467	-0.5217
506	557	Qm	1.3552	1.0373	-0.495
506	556	Qm	1.3815	0.6602	-0.4933
506	530	Qs	-2.566E-09	-2.498E-09	-3.076E-10
506	531	Qs	-2.272E-09	-2.661E-09	-3.438E-10
506	557	Qs	-2.181E-09	-2.767E-09	-3.963E-10
506	556	Qs	-1.754E-09	-1.999E-09	-3.216E-10
506	530	T+	0.	0.	0.
506	531	T+	0.	0.	0.
506	557	T+	0.	0.	0.
506	556	T+	0.	0.	0.
506	530	T-	0.	0.	0.
506	531	T-	0.	0.	0.
506	557	T-	0.	0.	0.
506	556	T-	0.	0.	0.
506	530	W	-4.0613	0.021	0.3402
506	531	W	-4.0453	0.2003	0.3217
506	557	W	-4.1778	0.2305	0.3145
506	556	W	-4.2764	0.0098	0.3329
506	530	Qm-1	2.6227	0.83	-0.5133
506	531	Qm-1	2.5764	1.396	-0.4674
506	557	Qm-1	1.6734	0.9556	-0.419

Table 27: Element Forces - Area Shells, Part 2 of 3

Area	Joint	OutputCase	M11	M22	M12
			KN-mm/mm	KN-mm/mm	KN-mm/mm
506	556	Qm-1	1.6917	0.6834	-0.4649
506	530	Qm-2	0.2198	0.119	0.0136
506	531	Qm-2	0.4177	0.4444	0.0356
506	557	Qm-2	0.108	0.2356	0.0182
506	556	Qm-2	0.1392	0.1442	-0.0038
507	531	DEAD	0.	0.	0.
507	532	DEAD	0.	0.	0.
507	558	DEAD	0.	0.	0.
507	557	DEAD	0.	0.	0.
507	531	G1	3.048E-08	-3.553E-09	-1.067E-08
507	532	G1	3.125E-08	-7.532E-09	-8.540E-09
507	558	G1	1.213E-08	-1.127E-08	-9.604E-09
507	557	G1	5.760E-09	-1.689E-08	-1.173E-08
507	531	G2	-0.5526	-0.2253	-0.0746
507	532	G2	-0.5552	-0.287	-0.0602
507	558	G2	-0.4334	-0.2981	-0.064
507	557	G2	-0.4294	-0.2348	-0.0785
507	531	Qm	2.1287	1.2468	-0.4977
507	532	Qm	2.1987	1.7113	-0.452
507	558	Qm	1.3329	1.3722	-0.4286
507	557	Qm	1.3555	1.0387	-0.4743
507	531	Qs	-2.268E-09	-2.818E-09	-3.344E-10
507	532	Qs	-2.431E-09	-2.657E-09	-2.658E-10
507	558	Qs	-1.744E-09	-2.461E-09	-3.566E-10
507	557	Qs	-2.104E-09	-2.818E-09	-3.101E-10
507	531	T+	0.	0.	0.
507	532	T+	0.	0.	0.
507	558	T+	0.	0.	0.
507	557	T+	0.	0.	0.
507	531	T-	0.	0.	0.
507	532	T-	0.	0.	0.
507	558	T-	0.	0.	0.
507	557	T-	0.	0.	0.
507	531	W	-4.0452	0.2007	0.2889
507	532	W	-4.0523	0.3423	0.2641
507	558	W	-4.1783	0.3846	0.278
507	557	W	-4.1788	0.2256	0.3028
507	531	Qm-1	2.5764	1.3961	-0.3419
507	532	Qm-1	2.6822	1.2831	-0.2875
507	558	Qm-1	1.6898	1.0836	-0.3124
507	557	Qm-1	1.6734	0.9556	-0.3667
507	531	Qm-2	0.4177	0.4446	0.07
507	532	Qm-2	0.2503	0.1938	0.093
507	558	Qm-2	0.1706	0.214	0.1035
507	557	Qm-2	0.108	0.2357	0.0805
508	532	DEAD	0.	0.	0.
508	533	DEAD	0.	0.	0.
508	559	DEAD	0.	0.	0.
508	558	DEAD	0.	0.	0.
508	532	G1	2.994E-08	-9.420E-09	-9.521E-09
508	533	G1	2.807E-08	-1.374E-08	-9.486E-09
508	559	G1	7.637E-09	-1.771E-08	-9.521E-09
508	558	G1	1.326E-08	-1.117E-08	-7.713E-09
508	532	G2	-0.5552	-0.2869	-0.0472

Table 27: Element Forces - Area Shells, Part 2 of 3

Area	Joint	OutputCase	M11	M22	M12
			KN-mm/mm	KN-mm/mm	KN-mm/mm
508	533	G2	-0.5635	-0.3397	-0.0334
508	559	G2	-0.4423	-0.346	-0.034
508	558	G2	-0.4334	-0.2981	-0.0478
508	532	Qm	2.1987	1.7114	-0.3807
508	533	Qm	2.225	1.9377	-0.3061
508	559	Qm	1.3283	1.5659	-0.2931
508	558	Qm	1.333	1.3728	-0.3677
508	532	Qs	-2.466E-09	-2.918E-09	-3.997E-10
508	533	Qs	-2.275E-09	-3.155E-09	-4.137E-10
508	559	Qs	-2.461E-09	-3.289E-09	-3.554E-10
508	558	Qs	-1.644E-09	-2.390E-09	-3.029E-10
508	532	T+	0.	0.	0.
508	533	T+	0.	0.	0.
508	559	T+	0.	0.	0.
508	558	T+	0.	0.	0.
508	532	T-	0.	0.	0.
508	533	T-	0.	0.	0.
508	559	T-	0.	0.	0.
508	558	T-	0.	0.	0.
508	532	W	-4.0521	0.3433	0.2218
508	533	W	-4.0749	0.4184	0.1844
508	559	W	-4.3129	0.482	0.2244
508	558	W	-4.178	0.3864	0.2618
508	532	Qm-1	2.6822	1.2832	-0.2915
508	533	Qm-1	2.6377	1.2964	-0.2953
508	559	Qm-1	1.739	1.1409	-0.2933
508	558	Qm-1	1.6888	1.0785	-0.2895
508	532	Qm-2	0.2519	0.2017	0.0908
508	533	Qm-2	0.219	0.2083	0.0884
508	559	Qm-2	0.1772	0.1856	0.093
508	558	Qm-2	0.1701	0.2113	0.0954
509	533	DEAD	0.	0.	0.
509	534	DEAD	0.	0.	0.
509	560	DEAD	0.	0.	0.
509	559	DEAD	0.	0.	0.
509	533	G1	2.635E-08	-1.529E-08	-8.954E-09
509	534	G1	2.705E-08	-1.849E-08	-8.954E-09
509	560	G1	3.032E-09	-2.761E-08	-8.245E-09
509	559	G1	6.480E-09	-2.026E-08	-8.245E-09
509	533	G2	-0.5635	-0.3396	-0.0223
509	534	G2	-0.576	-0.3847	-0.0119
509	560	G2	-0.4563	-0.38	-0.0097
509	559	G2	-0.4423	-0.346	-0.0201
509	533	Qm	2.225	1.9378	-0.222
509	534	Qm	2.2106	1.9299	-0.1469
509	560	Qm	1.3381	1.5872	-0.1453
509	559	Qm	1.3283	1.566	-0.2205
509	533	Qs	-2.382E-09	-3.138E-09	-2.990E-10
509	534	Qs	-2.716E-09	-3.906E-09	-2.769E-10
509	560	Qs	-2.302E-09	-3.734E-09	-2.769E-10
509	559	Qs	-2.500E-09	-3.557E-09	-2.990E-10
509	533	T+	0.	0.	0.
509	534	T+	0.	0.	0.
509	560	T+	0.	0.	0.

Table 27: Element Forces - Area Shells, Part 2 of 3

Area	Joint	OutputCase	M11	M22	M12
			KN-mm/mm	KN-mm/mm	KN-mm/mm
509	559	T+	0.	0.	0.
509	533	T-	0.	0.	0.
509	534	T-	0.	0.	0.
509	560	T-	0.	0.	0.
509	559	T-	0.	0.	0.
509	533	W	-4.0748	0.4187	0.1441
509	534	W	-4.0788	0.4207	0.1031
509	560	W	-4.4659	0.4199	0.1332
509	559	W	-4.3109	0.4918	0.1743
509	533	Qm-1	2.6378	1.2965	-0.3013
509	534	Qm-1	2.7274	1.4957	-0.301
509	560	Qm-1	1.7174	1.2681	-0.3016
509	559	Qm-1	1.739	1.141	-0.3019
509	533	Qm-2	0.219	0.2083	0.0993
509	534	Qm-2	0.269	0.2328	0.0969
509	560	Qm-2	0.1962	0.2441	0.086
509	559	Qm-2	0.1772	0.1856	0.0884
510	534	DEAD	0.	0.	0.
510	535	DEAD	0.	0.	0.
510	561	DEAD	0.	0.	0.
510	560	DEAD	0.	0.	0.
510	534	G1	2.650E-08	-2.235E-08	-8.530E-09
510	535	G1	1.819E-08	-2.318E-08	-5.788E-09
510	561	G1	7.859E-10	-4.026E-08	-4.984E-09
510	560	G1	1.259E-09	-2.699E-08	-6.497E-09
510	534	G2	-0.576	-0.3845	-0.0044
510	535	G2	-0.5896	-0.4272	8.892E-04
510	561	G2	-0.4724	-0.41	0.0041
510	560	G2	-0.4562	-0.3797	-0.0013
510	534	Qm	2.2106	1.9299	-0.074
510	535	Qm	2.1565	1.6926	-0.0265
510	561	Qm	1.3689	1.4757	-0.0362
510	560	Qm	1.338	1.5867	-0.0837
510	534	Qs	-2.757E-09	-3.983E-09	-3.532E-10
510	535	Qs	-3.055E-09	-4.670E-09	-3.007E-10
510	561	Qs	-2.640E-09	-4.997E-09	-2.867E-10
510	560	Qs	-2.285E-09	-3.678E-09	-3.007E-10
510	534	T+	0.	0.	0.
510	535	T+	0.	0.	0.
510	561	T+	0.	0.	0.
510	560	T+	0.	0.	0.
510	534	T-	0.	0.	0.
510	535	T-	0.	0.	0.
510	561	T-	0.	0.	0.
510	560	T-	0.	0.	0.
510	534	W	-4.0783	0.4228	0.0968
510	535	W	-4.0767	0.4433	0.1123
510	561	W	-4.4883	0.2307	0.1096
510	560	W	-4.4698	0.4004	0.0941
510	534	Qm-1	2.7275	1.4958	-0.2954
510	535	Qm-1	2.6753	1.8306	-0.2279
510	561	Qm-1	1.7379	1.3397	-0.2044
510	560	Qm-1	1.7184	1.2735	-0.2719
510	534	Qm-2	0.2674	0.2249	0.0955

Table 27: Element Forces - Area Shells, Part 2 of 3

Area	Joint	OutputCase	M11	M22	M12
			KN-mm/mm	KN-mm/mm	KN-mm/mm
510	535	Qm-2	0.4553	0.5081	0.1187
510	561	Qm-2	0.1651	0.3026	0.1002
510	560	Qm-2	0.1967	0.247	0.0771
511	535	DEAD	0.	0.	0.
511	536	DEAD	0.	0.	0.
511	562	DEAD	0.	0.	0.
511	561	DEAD	0.	0.	0.
511	535	G1	1.929E-08	-2.584E-08	-7.715E-10
511	536	G1	2.214E-08	-4.555E-08	-1.920E-10
511	562	G1	-2.036E-09	-4.946E-08	-1.481E-09
511	561	G1	8.653E-10	-3.597E-08	-2.675E-09
511	535	G2	-0.5896	-0.427	0.0047
511	536	G2	-0.6009	-0.4731	0.006
511	562	G2	-0.484	-0.4498	0.0072
511	561	G2	-0.4723	-0.4097	0.0059
511	535	Qm	2.1565	1.6927	9.702E-04
511	536	Qm	2.1045	1.4222	0.0027
511	562	Qm	1.4101	1.3359	-0.0122
511	561	Qm	1.3687	1.4744	-0.0139
511	535	Qs	-3.016E-09	-4.739E-09	-2.598E-10
511	536	Qs	-3.044E-09	-5.437E-09	-3.788E-10
511	562	Qs	-2.844E-09	-5.210E-09	-3.928E-10
511	561	Qs	-2.542E-09	-4.526E-09	-3.123E-10
511	535	T+	0.	0.	0.
511	536	T+	0.	0.	0.
511	562	T+	0.	0.	0.
511	561	T+	0.	0.	0.
511	535	T-	0.	0.	0.
511	536	T-	0.	0.	0.
511	562	T-	0.	0.	0.
511	561	T-	0.	0.	0.
511	535	W	-4.0782	0.4357	0.1478
511	536	W	-4.0779	0.6017	0.2156
511	562	W	-4.5387	0.2901	0.2355
511	561	W	-4.4848	0.2482	0.1676
511	535	Qm-1	2.6753	1.8307	-0.0811
511	536	Qm-1	2.7933	1.5083	-0.01
511	562	Qm-1	1.8085	1.2733	-0.0655
511	561	Qm-1	1.738	1.3401	-0.1366
511	535	Qm-2	0.4553	0.508	0.155
511	536	Qm-2	0.285	0.2191	0.1776
511	562	Qm-2	0.2386	0.2489	0.1835
511	561	Qm-2	0.1651	0.3028	0.1609
512	536	DEAD	0.	0.	0.
512	537	DEAD	0.	0.	0.
512	563	DEAD	0.	0.	0.
512	562	DEAD	0.	0.	0.
512	536	G1	2.366E-08	-4.602E-08	-1.433E-09
512	537	G1	1.737E-08	-5.849E-08	-1.788E-09
512	563	G1	-3.290E-09	-6.588E-08	-1.433E-09
512	562	G1	-1.604E-09	-4.696E-08	-1.079E-09
512	536	G2	-0.6009	-0.4731	0.008
512	537	G2	-0.6082	-0.5244	0.0091
512	563	G2	-0.4881	-0.5058	0.007

Table 27: Element Forces - Area Shells, Part 2 of 3

Area	Joint	OutputCase	M11	M22	M12
			KN-mm/mm	KN-mm/mm	KN-mm/mm
512	562	G2	-0.484	-0.4498	0.0059
512	536	Qm	2.1045	1.4223	-0.0167
512	537	Qm	2.0975	1.3175	-0.0461
512	563	Qm	1.4542	1.278	-0.0606
512	562	Qm	1.41	1.3356	-0.0312
512	536	Qs	-2.946E-09	-5.468E-09	-4.863E-10
512	537	Qs	-3.364E-09	-5.802E-09	-5.528E-10
512	563	Qs	-3.085E-09	-6.027E-09	-4.863E-10
512	562	Qs	-2.782E-09	-4.887E-09	-4.198E-10
512	536	T+	0.	0.	0.
512	537	T+	0.	0.	0.
512	563	T+	0.	0.	0.
512	562	T+	0.	0.	0.
512	536	T-	0.	0.	0.
512	537	T-	0.	0.	0.
512	563	T-	0.	0.	0.
512	562	T-	0.	0.	0.
512	536	W	-4.0779	0.6018	0.28
512	537	W	-4.1334	0.9669	0.3411
512	563	W	-4.5765	0.8045	0.3972
512	562	W	-4.5388	0.29	0.3361
512	536	Qm-1	2.7933	1.5084	0.0068
512	537	Qm-1	2.7958	1.3566	0.0197
512	563	Qm-1	1.9406	1.1661	-0.0191
512	562	Qm-1	1.8076	1.2689	-0.032
512	536	Qm-2	0.2866	0.227	0.1758
512	537	Qm-2	0.255	0.2061	0.1721
512	563	Qm-2	0.2706	0.1977	0.1691
512	562	Qm-2	0.2381	0.2463	0.1727
513	537	DEAD	0.	0.	0.
513	538	DEAD	0.	0.	0.
513	564	DEAD	0.	0.	0.
513	563	DEAD	0.	0.	0.
513	537	G1	1.847E-08	-5.914E-08	3.272E-10
513	538	G1	2.458E-08	-5.343E-08	1.521E-09
513	564	G1	3.084E-09	-5.732E-08	-7.367E-10
513	563	G1	-3.260E-09	-6.602E-08	-1.316E-09
513	537	G2	-0.6082	-0.5246	0.0125
513	538	G2	-0.6132	-0.5763	0.0173
513	564	G2	-0.4877	-0.5686	0.0134
513	563	G2	-0.4881	-0.5062	0.0087
513	537	Qm	2.0975	1.3175	-0.0813
513	538	Qm	2.1389	1.3923	-0.1182
513	564	Qm	1.5189	1.3555	-0.134
513	563	Qm	1.4543	1.2785	-0.0971
513	537	Qs	-3.350E-09	-5.834E-09	-4.176E-10
513	538	Qs	-2.953E-09	-5.479E-09	-3.511E-10
513	564	Qs	-2.926E-09	-5.311E-09	-4.398E-10
513	563	Qs	-3.044E-09	-6.002E-09	-5.063E-10
513	537	T+	0.	0.	0.
513	538	T+	0.	0.	0.
513	564	T+	0.	0.	0.
513	563	T+	0.	0.	0.
513	537	T-	0.	0.	0.

Table 27: Element Forces - Area Shells, Part 2 of 3

Area	Joint	OutputCase	M11	M22	M12
			KN-mm/mm	KN-mm/mm	KN-mm/mm
513	538	T-	0.	0.	0.
513	564	T-	0.	0.	0.
513	563	T-	0.	0.	0.
513	537	W	-4.1318	0.9747	0.3628
513	538	W	-4.1867	1.4645	0.3565
513	564	W	-4.6629	1.498	0.4352
513	563	W	-4.58	0.7868	0.4416
513	537	Qm-1	2.7954	1.355	0.036
513	538	Qm-1	2.9016	1.4782	0.0603
513	564	Qm-1	2.1055	1.2179	0.0112
513	563	Qm-1	1.941	1.1683	-0.0132
513	537	Qm-2	0.2535	0.1989	0.1852
513	538	Qm-2	0.2662	0.2697	0.2007
513	564	Qm-2	0.3847	0.2159	0.178
513	563	Qm-2	0.2721	0.2055	0.1624
514	538	DEAD	0.	0.	0.
514	539	DEAD	0.	0.	0.
514	565	DEAD	0.	0.	0.
514	564	DEAD	0.	0.	0.
514	538	G1	2.312E-08	-5.283E-08	2.225E-09
514	539	G1	2.823E-08	-3.622E-08	2.545E-09
514	565	G1	1.545E-08	-4.118E-08	1.870E-09
514	564	G1	3.274E-09	-5.994E-08	-2.924E-10
514	538	G2	-0.6132	-0.5765	0.0237
514	539	G2	-0.619	-0.6201	0.0328
514	565	G2	-0.4899	-0.6208	0.0305
514	564	G2	-0.4878	-0.5689	0.0213
514	538	Qm	2.1389	1.3921	-0.1523
514	539	Qm	2.2301	1.6719	-0.1816
514	565	Qm	1.6204	1.6034	-0.1998
514	564	Qm	1.5189	1.3555	-0.1705
514	538	Qs	-2.955E-09	-5.497E-09	-3.699E-10
514	539	Qs	-2.445E-09	-4.704E-09	-3.477E-10
514	565	Qs	-2.681E-09	-4.790E-09	-4.364E-10
514	564	Qs	-2.902E-09	-5.526E-09	-4.585E-10
514	538	T+	0.	0.	0.
514	539	T+	0.	0.	0.
514	565	T+	0.	0.	0.
514	564	T+	0.	0.	0.
514	538	T-	0.	0.	0.
514	539	T-	0.	0.	0.
514	565	T-	0.	0.	0.
514	564	T-	0.	0.	0.
514	538	W	-4.1869	1.4634	0.3208
514	539	W	-4.2222	1.9226	0.2376
514	565	W	-4.624	2.0933	0.2808
514	564	W	-4.659	1.5175	0.364
514	538	Qm-1	2.9014	1.4772	0.0926
514	539	Qm-1	3.0241	1.9517	0.1455
514	565	Qm-1	2.3129	1.6621	0.115
514	564	Qm-1	2.1043	1.2115	0.0622
514	538	Qm-2	0.2673	0.2753	0.2236
514	539	Qm-2	0.153	0.3241	0.1871
514	565	Qm-2	0.7364	0.7138	0.1604

Table 27: Element Forces - Area Shells, Part 2 of 3

Area	Joint	OutputCase	M11	M22	M12
			KN-mm/mm	KN-mm/mm	KN-mm/mm
514	564	Qm-2	0.3816	0.2002	0.1969
515	539	DEAD	0.	0.	0.
515	540	DEAD	0.	0.	0.
515	566	DEAD	0.	0.	0.
515	565	DEAD	0.	0.	0.
515	539	G1	2.678E-08	-3.829E-08	2.457E-09
515	540	G1	1.708E-08	-7.021E-08	2.812E-09
515	566	G1	1.304E-08	-7.402E-08	2.457E-09
515	565	G1	1.691E-08	-3.811E-08	2.102E-09
515	539	G2	-0.6191	-0.6202	0.0418
515	540	G2	-0.6285	-0.6486	0.0529
515	566	G2	-0.4978	-0.6493	0.0541
515	565	G2	-0.4899	-0.6209	0.043
515	539	Qm	2.2301	1.6716	-0.2044
515	540	Qm	2.3295	1.9925	-0.2178
515	566	Qm	1.7204	1.8818	-0.2344
515	565	Qm	1.6203	1.6029	-0.221
515	539	Qs	-2.465E-09	-4.812E-09	-4.385E-10
515	540	Qs	-2.944E-09	-4.973E-09	-4.607E-10
515	566	Qs	-2.063E-09	-4.931E-09	-4.829E-10
515	565	Qs	-2.669E-09	-4.665E-09	-4.607E-10
515	539	T+	0.	0.	0.
515	540	T+	0.	0.	0.
515	566	T+	0.	0.	0.
515	565	T+	0.	0.	0.
515	539	T-	0.	0.	0.
515	540	T-	0.	0.	0.
515	566	T-	0.	0.	0.
515	565	T-	0.	0.	0.
515	539	W	-4.222	1.9238	0.1524
515	540	W	-4.1921	2.2252	0.0498
515	566	W	-4.6016	2.3917	0.0639
515	565	W	-4.6253	2.087	0.1665
515	539	Qm-1	3.0241	1.9517	0.1821
515	540	Qm-1	2.6927	0.4283	0.227
515	566	Qm-1	2.0007	0.2217	0.2376
515	565	Qm-1	2.3129	1.6622	0.1927
515	539	Qm-2	0.153	0.3239	0.0683
515	540	Qm-2	0.2134	0.1358	0.0313
515	566	Qm-2	0.3418	0.0659	0.066
515	565	Qm-2	0.7364	0.7137	0.103
516	540	DEAD	0.	0.	0.
516	541	DEAD	0.	0.	0.
516	567	DEAD	0.	0.	0.
516	566	DEAD	0.	0.	0.
516	540	G1	1.822E-08	-6.950E-08	4.088E-09
516	541	G1	1.674E-08	-9.406E-08	3.249E-09
516	567	G1	9.041E-09	-9.091E-08	2.669E-09
516	566	G1	1.421E-08	-7.371E-08	2.894E-09
516	540	G2	-0.6285	-0.6485	0.062
516	541	G2	-0.6413	-0.66	0.0714
516	567	G2	-0.5114	-0.6525	0.0763
516	566	G2	-0.4978	-0.6492	0.0669
516	540	Qm	2.3294	1.9923	-0.2258

Table 27: Element Forces - Area Shells, Part 2 of 3

Area	Joint	OutputCase	M11	M22	M12
			KN-mm/mm	KN-mm/mm	KN-mm/mm
516	541	Qm	2.3952	2.1899	-0.2244
516	567	Qm	1.7796	2.049	-0.2353
516	566	Qm	1.7204	1.8818	-0.2366
516	540	Qs	-2.800E-09	-4.917E-09	-3.716E-10
516	541	Qs	-2.681E-09	-4.863E-09	-4.624E-10
516	567	Qs	-2.038E-09	-4.565E-09	-4.602E-10
516	566	Qs	-2.132E-09	-4.846E-09	-4.846E-10
516	540	T+	0.	0.	0.
516	541	T+	0.	0.	0.
516	567	T+	0.	0.	0.
516	566	T+	0.	0.	0.
516	540	T-	0.	0.	0.
516	541	T-	0.	0.	0.
516	567	T-	0.	0.	0.
516	566	T-	0.	0.	0.
516	540	W	-4.1923	2.224	-0.0373
516	541	W	-4.0979	2.3639	-0.1244
516	567	W	-4.5891	2.4283	-0.1393
516	566	W	-4.6003	2.398	-0.0522
516	540	Qm-1	2.6929	0.4293	0.2441
516	541	Qm-1	2.3905	-0.7266	0.2419
516	567	Qm-1	1.7413	-0.783	0.2689
516	566	Qm-1	2.002	0.2283	0.2711
516	540	Qm-2	0.2123	0.1301	0.0519
516	541	Qm-2	0.1378	-0.0818	0.0662
516	567	Qm-2	0.1878	-0.0651	0.0995
516	566	Qm-2	0.345	0.0815	0.0852
517	541	DEAD	0.	0.	0.
517	542	DEAD	0.	0.	0.
517	568	DEAD	0.	0.	0.
517	567	DEAD	0.	0.	0.
517	541	G1	1.694E-08	-9.432E-08	9.141E-10
517	542	G1	8.660E-09	-1.176E-07	-5.996E-10
517	568	G1	5.100E-09	-1.131E-07	-5.045E-10
517	567	G1	8.616E-09	-9.334E-08	2.238E-09
517	541	G2	-0.6412	-0.6598	0.0781
517	542	G2	-0.6544	-0.6585	0.0834
517	568	G2	-0.5269	-0.64	0.09
517	567	G2	-0.5113	-0.6522	0.0847
517	541	Qm	2.3952	2.1899	-0.2202
517	542	Qm	2.4289	2.2888	-0.2094
517	568	Qm	1.8086	2.1306	-0.2149
517	567	Qm	1.7797	2.0493	-0.2257
517	541	Qs	-2.716E-09	-4.923E-09	-5.089E-10
517	542	Qs	-2.544E-09	-5.050E-09	-5.451E-10
517	568	Qs	-2.004E-09	-4.821E-09	-5.533E-10
517	567	Qs	-2.071E-09	-4.742E-09	-4.786E-10
517	541	T+	0.	0.	0.
517	542	T+	0.	0.	0.
517	568	T+	0.	0.	0.
517	567	T+	0.	0.	0.
517	541	T-	0.	0.	0.
517	542	T-	0.	0.	0.
517	568	T-	0.	0.	0.

Table 27: Element Forces - Area Shells, Part 2 of 3

Area	Joint	OutputCase	M11	M22	M12
			KN-mm/mm	KN-mm/mm	KN-mm/mm
517	567	T-	0.	0.	0.
517	541	W	-4.0977	2.365	-0.1662
517	542	W	-3.9859	2.4634	-0.1806
517	568	W	-4.4676	2.2935	-0.2307
517	567	W	-4.593	2.4087	-0.2163
517	541	Qm-1	2.3909	-0.725	0.219
517	542	Qm-1	2.1518	-1.5872	0.1762
517	568	Qm-1	1.5661	-1.5692	0.1938
517	567	Qm-1	1.741	-0.7843	0.2367
517	541	Qm-2	0.1387	-0.0775	0.0749
517	542	Qm-2	0.0734	-0.1923	0.0758
517	568	Qm-2	0.1103	-0.1861	0.0957
517	567	Qm-2	0.1866	-0.0709	0.0948
518	542	DEAD	0.	0.	0.
518	543	DEAD	0.	0.	0.
518	569	DEAD	0.	0.	0.
518	568	DEAD	0.	0.	0.
518	542	G1	8.737E-09	-1.179E-07	-2.232E-09
518	543	G1	4.652E-09	-1.318E-07	-3.651E-09
518	569	G1	1.245E-09	-1.277E-07	-3.296E-09
518	568	G1	3.411E-09	-1.178E-07	-1.878E-09
518	542	G2	-0.6544	-0.6583	0.0872
518	543	G2	-0.6644	-0.6495	0.089
518	569	G2	-0.5374	-0.6257	0.0942
518	568	G2	-0.5269	-0.6397	0.0925
518	542	Qm	2.4289	2.2889	-0.1973
518	543	Qm	2.4352	2.3017	-0.181
518	569	Qm	1.8143	2.1334	-0.1828
518	568	Qm	1.8086	2.1307	-0.1991
518	542	Qs	-2.600E-09	-5.120E-09	-5.771E-10
518	543	Qs	-2.539E-09	-5.088E-09	-5.934E-10
518	569	Qs	-2.386E-09	-5.184E-09	-5.106E-10
518	568	Qs	-2.092E-09	-5.052E-09	-5.712E-10
518	542	T+	0.	0.	0.
518	543	T+	0.	0.	0.
518	569	T+	0.	0.	0.
518	568	T+	0.	0.	0.
518	542	T-	0.	0.	0.
518	543	T-	0.	0.	0.
518	569	T-	0.	0.	0.
518	568	T-	0.	0.	0.
518	542	W	-3.9875	2.4555	-0.1697
518	543	W	-3.8794	2.6605	-0.1214
518	569	W	-4.391	2.3756	-0.148
518	568	W	-4.4641	2.311	-0.1962
518	542	Qm-1	2.1518	-1.5872	0.1248
518	543	Qm-1	1.9853	-2.202	0.0621
518	569	Qm-1	1.446	-2.1436	0.0723
518	568	Qm-1	1.566	-1.5697	0.135
518	542	Qm-2	0.0734	-0.1926	0.0803
518	543	Qm-2	0.0316	-0.2668	0.0809
518	569	Qm-2	0.065	-0.2616	0.0928
518	568	Qm-2	0.1102	-0.1864	0.0922
519	543	DEAD	0.	0.	0.

Table 27: Element Forces - Area Shells, Part 2 of 3

Area	Joint	OutputCase	M11	M22	M12
			KN-mm/mm	KN-mm/mm	KN-mm/mm
519	544	DEAD	0.	0.	0.
519	570	DEAD	0.	0.	0.
519	569	DEAD	0.	0.	0.
519	543	G1	5.633E-09	-1.284E-07	-4.095E-09
519	544	G1	6.431E-09	-1.386E-07	-4.450E-09
519	570	G1	-5.761E-09	-1.364E-07	-4.095E-09
519	569	G1	-2.629E-10	-1.316E-07	-3.741E-09
519	543	G2	-0.6644	-0.6495	0.0914
519	544	G2	-0.6694	-0.6348	0.0932
519	570	G2	-0.5396	-0.6159	0.0957
519	569	G2	-0.5374	-0.6257	0.0939
519	543	Qm	2.4352	2.3018	-0.164
519	544	Qm	2.4181	2.236	-0.1444
519	570	Qm	1.8011	2.0626	-0.1437
519	569	Qm	1.8143	2.1335	-0.1633
519	543	Qs	-2.528E-09	-4.890E-09	-4.794E-10
519	544	Qs	-2.448E-09	-5.218E-09	-3.908E-10
519	570	Qs	-2.389E-09	-5.261E-09	-3.908E-10
519	569	Qs	-2.354E-09	-5.279E-09	-4.794E-10
519	543	T+	0.	0.	0.
519	544	T+	0.	0.	0.
519	570	T+	0.	0.	0.
519	569	T+	0.	0.	0.
519	543	T-	0.	0.	0.
519	544	T-	0.	0.	0.
519	570	T-	0.	0.	0.
519	569	T-	0.	0.	0.
519	543	W	-3.8794	2.6603	-0.0736
519	544	W	-3.8344	3.0391	-0.0243
519	570	W	-4.3138	2.889	-0.0125
519	569	W	-4.391	2.3756	-0.0619
519	543	Qm-1	1.9853	-2.2021	-0.004
519	544	Qm-1	1.8854	-2.5804	-0.0761
519	570	Qm-1	1.3739	-2.5029	-0.071
519	569	Qm-1	1.4459	-2.1438	0.0011
519	543	Qm-2	0.0316	-0.2668	0.0846
519	544	Qm-2	0.0084	-0.3085	0.0855
519	570	Qm-2	0.0428	-0.3046	0.0915
519	569	Qm-2	0.065	-0.2618	0.0905
520	544	DEAD	0.	0.	0.
520	545	DEAD	0.	0.	0.
520	571	DEAD	0.	0.	0.
520	570	DEAD	0.	0.	0.
520	544	G1	6.051E-09	-1.358E-07	-5.304E-09
520	545	G1	8.453E-09	-1.376E-07	-6.013E-09
520	571	G1	-5.564E-09	-1.364E-07	-6.368E-09
520	570	G1	-4.358E-09	-1.368E-07	-5.658E-09
520	544	G2	-0.6695	-0.635	0.0968
520	545	G2	-0.6712	-0.6095	0.1022
520	571	G2	-0.5367	-0.6011	0.1036
520	570	G2	-0.5396	-0.6162	0.0983
520	544	Qm	2.4181	2.236	-0.1246
520	545	Qm	2.38	2.0972	-0.1032
520	571	Qm	1.7714	1.923	-0.1007

Table 27: Element Forces - Area Shells, Part 2 of 3

Area	Joint	OutputCase	M11	M22	M12
			KN-mm/mm	KN-mm/mm	KN-mm/mm
520	570	Qm	1.8011	2.0626	-0.1221
520	544	Qs	-2.480E-09	-5.038E-09	-3.690E-10
520	545	Qs	-2.418E-09	-4.885E-09	-2.803E-10
520	571	Qs	-2.344E-09	-4.957E-09	-2.581E-10
520	570	Qs	-2.402E-09	-5.201E-09	-3.468E-10
520	544	T+	0.	0.	0.
520	545	T+	0.	0.	0.
520	571	T+	0.	0.	0.
520	570	T+	0.	0.	0.
520	544	T-	0.	0.	0.
520	545	T-	0.	0.	0.
520	571	T-	0.	0.	0.
520	570	T-	0.	0.	0.
520	544	W	-3.8329	3.0465	-0.0125
520	545	W	-3.8017	3.5371	-0.0223
520	571	W	-4.2952	3.5637	0.0159
520	570	W	-4.3173	2.8712	0.0257
520	544	Qm-1	1.8854	-2.5804	-0.1487
520	545	Qm-1	1.8499	-2.7215	-0.2238
520	571	Qm-1	1.3473	-2.6412	-0.2226
520	570	Qm-1	1.3739	-2.5029	-0.1474
520	544	Qm-2	0.0084	-0.3085	0.0894
520	545	Qm-2	0.0025	-0.3206	0.0909
520	571	Qm-2	0.0402	-0.3176	0.0916
520	570	Qm-2	0.0427	-0.3046	0.0901
521	545	DEAD	0.	0.	0.
521	546	DEAD	0.	0.	0.
521	572	DEAD	0.	0.	0.
521	571	DEAD	0.	0.	0.
521	545	G1	8.631E-09	-1.349E-07	-6.457E-09
521	546	G1	1.259E-08	-1.271E-07	-6.552E-09
521	572	G1	-2.718E-09	-1.267E-07	-7.876E-09
521	571	G1	-4.299E-09	-1.392E-07	-6.552E-09
521	545	G2	-0.6713	-0.6097	0.1086
521	546	G2	-0.6735	-0.5647	0.118
521	572	G2	-0.5361	-0.5638	0.1218
521	571	G2	-0.5368	-0.6014	0.1124
521	545	Qm	2.38	2.0972	-0.0824
521	546	Qm	2.322	1.8905	-0.0608
521	572	Qm	1.7263	1.7201	-0.0564
521	571	Qm	1.7714	1.923	-0.078
521	545	Qs	-2.460E-09	-4.812E-09	-1.186E-10
521	546	Qs	-2.045E-09	-4.416E-09	-2.994E-11
521	572	Qs	-1.998E-09	-4.426E-09	-1.629E-10
521	571	Qs	-2.269E-09	-5.139E-09	-2.516E-10
521	545	T+	0.	0.	0.
521	546	T+	0.	0.	0.
521	572	T+	0.	0.	0.
521	571	T+	0.	0.	0.
521	545	T-	0.	0.	0.
521	546	T-	0.	0.	0.
521	572	T-	0.	0.	0.
521	571	T-	0.	0.	0.
521	545	W	-3.8021	3.5349	-0.0606

Table 27: Element Forces - Area Shells, Part 2 of 3

Area	Joint	OutputCase	M11	M22	M12
			KN-mm/mm	KN-mm/mm	KN-mm/mm
521	546	W	-3.7838	3.998	-0.1342
521	572	W	-4.1645	4.1293	-0.1224
521	571	W	-4.2914	3.5828	-0.0488
521	545	Qm-1	1.85	-2.7215	-0.2969
521	546	Qm-1	1.8799	-2.6203	-0.3701
521	572	Qm-1	1.3673	-2.5525	-0.3726
521	571	Qm-1	1.3474	-2.6411	-0.2994
521	545	Qm-2	0.0026	-0.3206	0.0956
521	546	Qm-2	0.0145	-0.3035	0.0978
521	572	Qm-2	0.0581	-0.3011	0.093
521	571	Qm-2	0.0403	-0.3175	0.0908
522	546	DEAD	0.	0.	0.
522	547	DEAD	0.	0.	0.
522	573	DEAD	0.	0.	0.
522	572	DEAD	0.	0.	0.
522	546	G1	1.444E-08	-1.247E-07	-7.726E-09
522	547	G1	9.200E-09	-1.098E-07	-7.371E-09
522	573	G1	4.957E-09	-1.125E-07	-7.017E-09
522	572	G1	-4.542E-09	-1.274E-07	-7.371E-09
522	546	G2	-0.6735	-0.5648	0.1263
522	547	G2	-0.6801	-0.4929	0.1371
522	573	G2	-0.5424	-0.4908	0.1458
522	572	G2	-0.5362	-0.5639	0.135
522	546	Qm	2.3219	1.8905	-0.0409
522	547	Qm	2.2436	1.6206	-0.0208
522	573	Qm	1.6657	1.46	-0.0139
522	572	Qm	1.7263	1.7201	-0.034
522	546	Qs	-2.056E-09	-4.274E-09	-1.015E-10
522	547	Qs	-2.317E-09	-3.859E-09	9.368E-12
522	573	Qs	-1.881E-09	-4.199E-09	7.587E-11
522	572	Qs	-1.937E-09	-4.355E-09	-3.496E-11
522	546	T+	0.	0.	0.
522	547	T+	0.	0.	0.
522	573	T+	0.	0.	0.
522	572	T+	0.	0.	0.
522	546	T-	0.	0.	0.
522	547	T-	0.	0.	0.
522	573	T-	0.	0.	0.
522	572	T-	0.	0.	0.
522	546	W	-3.7839	3.9973	-0.2128
522	547	W	-3.7758	4.3191	-0.2845
522	573	W	-4.0897	4.4005	-0.2771
522	572	W	-4.1662	4.121	-0.2054
522	546	Qm-1	1.8799	-2.6201	-0.4381
522	547	Qm-1	1.9798	-2.267	-0.5037
522	573	Qm-1	1.4381	-2.2308	-0.5111
522	572	Qm-1	1.3673	-2.5523	-0.4455
522	546	Qm-2	0.0145	-0.3034	0.1039
522	547	Qm-2	0.0465	-0.2551	0.107
522	573	Qm-2	0.101	-0.2532	0.0954
522	572	Qm-2	0.0581	-0.3009	0.0923
523	547	DEAD	0.	0.	0.
523	548	DEAD	0.	0.	0.
523	574	DEAD	0.	0.	0.

Table 27: Element Forces - Area Shells, Part 2 of 3

Area	Joint	OutputCase	M11	M22	M12
			KN-mm/mm	KN-mm/mm	KN-mm/mm
523	573	DEAD	0.	0.	0.
523	547	G1	7.298E-09	-1.118E-07	-7.808E-09
523	548	G1	1.640E-08	-8.647E-08	-9.262E-09
523	574	G1	8.494E-09	-8.563E-08	-8.163E-09
523	573	G1	6.606E-09	-1.099E-07	-8.552E-09
523	547	G2	-0.6801	-0.4929	0.1445
523	548	G2	-0.6932	-0.3933	0.1529
523	574	G2	-0.5575	-0.3814	0.1676
523	573	G2	-0.5424	-0.4908	0.1591
523	547	Qm	2.2436	1.6205	-0.0041
523	548	Qm	2.1433	1.2907	0.0116
523	574	Qm	1.5877	1.149	0.0221
523	573	Qm	1.6656	1.4599	0.0063
523	547	Qs	-2.306E-09	-3.903E-09	1.425E-10
523	548	Qs	-2.015E-09	-3.246E-09	1.344E-10
523	574	Qs	-1.821E-09	-3.142E-09	1.647E-10
523	573	Qs	-1.887E-09	-3.938E-09	1.344E-10
523	547	T+	0.	0.	0.
523	548	T+	0.	0.	0.
523	574	T+	0.	0.	0.
523	573	T+	0.	0.	0.
523	547	T-	0.	0.	0.
523	548	T-	0.	0.	0.
523	574	T-	0.	0.	0.
523	573	T-	0.	0.	0.
523	547	W	-3.776	4.3181	-0.3506
523	548	W	-3.8269	4.4522	-0.3834
523	574	W	-4.1247	4.4017	-0.3598
523	573	W	-4.089	4.4037	-0.327
523	547	Qm-1	1.9798	-2.267	-0.5593
523	548	Qm-1	2.1583	-1.6407	-0.6084
523	574	Qm-1	1.5689	-1.6675	-0.6233
523	573	Qm-1	1.4382	-2.2304	-0.5741
523	547	Qm-2	0.0466	-0.2548	0.1156
523	548	Qm-2	0.1048	-0.1677	0.1203
523	574	Qm-2	0.1785	-0.1669	0.0993
523	573	Qm-2	0.101	-0.2529	0.0945
524	548	DEAD	0.	0.	0.
524	549	DEAD	0.	0.	0.
524	575	DEAD	0.	0.	0.
524	574	DEAD	0.	0.	0.
524	548	G1	1.479E-08	-8.775E-08	-8.552E-09
524	549	G1	2.733E-08	-4.972E-08	-8.327E-09
524	575	G1	1.452E-08	-5.504E-08	-9.262E-09
524	574	G1	9.113E-09	-8.869E-08	-1.010E-08
524	548	G2	-0.6932	-0.3931	0.1569
524	549	G2	-0.7129	-0.2744	0.1607
524	575	G2	-0.5803	-0.2508	0.1799
524	574	G2	-0.5575	-0.3811	0.1761
524	548	Qm	2.1433	1.2907	0.0214
524	549	Qm	2.0187	0.8993	0.0282
524	575	Qm	1.4881	0.7914	0.0437
524	574	Qm	1.5876	1.1488	0.0369
524	548	Qs	-2.102E-09	-3.125E-09	2.129E-10

Table 27: Element Forces - Area Shells, Part 2 of 3

Area	Joint	OutputCase	M11	M22	M12
			KN-mm/mm	KN-mm/mm	KN-mm/mm
524	549	Qs	-1.792E-09	-2.224E-09	2.188E-10
524	575	Qs	-1.772E-09	-2.541E-09	2.350E-10
524	574	Qs	-1.703E-09	-3.044E-09	1.523E-10
524	548	T+	0.	0.	0.
524	549	T+	0.	0.	0.
524	575	T+	0.	0.	0.
524	574	T+	0.	0.	0.
524	548	T-	0.	0.	0.
524	549	T-	0.	0.	0.
524	575	T-	0.	0.	0.
524	574	T-	0.	0.	0.
524	548	W	-3.8243	4.4653	-0.3661
524	549	W	-3.9143	4.2399	-0.3199
524	575	W	-4.127	3.9795	-0.3276
524	574	W	-4.1249	4.401	-0.3739
524	548	Qm-1	2.158	-1.6422	-0.6399
524	549	Qm-1	2.4092	-0.6861	-0.6544
524	575	Qm-1	1.7936	-0.8335	-0.6789
524	574	Qm-1	1.5691	-1.6662	-0.6644
524	548	Qm-2	0.104	-0.172	0.1347
524	549	Qm-2	0.1754	0.01	0.1541
524	575	Qm-2	0.3434	-0.0457	0.1175
524	574	Qm-2	0.1796	-0.1611	0.0981
525	549	DEAD	0.	0.	0.
525	550	DEAD	0.	0.	0.
525	576	DEAD	0.	0.	0.
525	575	DEAD	0.	0.	0.
525	549	G1	2.868E-08	-4.818E-08	-7.931E-09
525	550	G1	3.072E-08	-1.655E-08	-7.576E-09
525	576	G1	2.220E-08	-1.990E-08	-7.221E-09
525	575	G1	1.494E-08	-5.184E-08	-7.576E-09
525	549	G2	-0.7128	-0.274	0.1622
525	550	G2	-0.7349	-0.157	0.1625
525	576	G2	-0.6019	-0.1289	0.1815
525	575	G2	-0.5802	-0.2502	0.1813
525	549	Qm	2.0187	0.8995	0.0257
525	550	Qm	1.871	0.4339	0.017
525	576	Qm	1.3596	0.3751	0.0378
525	575	Qm	1.4881	0.7916	0.0465
525	549	Qs	-1.862E-09	-2.231E-09	2.850E-10
525	550	Qs	-1.838E-09	-1.845E-09	3.071E-10
525	576	Qs	-1.574E-09	-1.589E-09	3.293E-10
525	575	Qs	-1.694E-09	-2.455E-09	3.071E-10
525	549	T+	0.	0.	0.
525	550	T+	0.	0.	0.
525	576	T+	0.	0.	0.
525	575	T+	0.	0.	0.
525	549	T-	0.	0.	0.
525	550	T-	0.	0.	0.
525	576	T-	0.	0.	0.
525	575	T-	0.	0.	0.
525	549	W	-3.9189	4.2172	-0.1733
525	550	W	-3.7538	3.3752	-0.0757
525	576	W	-3.9751	3.0523	-0.2155

Table 27: Element Forces - Area Shells, Part 2 of 3

Area	Joint	OutputCase	M11	M22	M12
			KN-mm/mm	KN-mm/mm	KN-mm/mm
525	575	W	-4.1257	3.9861	-0.3131
525	549	Qm-1	2.409	-0.687	-0.6529
525	550	Qm-1	2.7053	0.6844	-0.63
525	576	Qm-1	2.0803	0.4788	-0.6396
525	575	Qm-1	1.7923	-0.84	-0.6626
525	549	Qm-2	0.1765	0.0158	0.1821
525	550	Qm-2	0.1182	0.1726	0.1518
525	576	Qm-2	0.7496	0.554	0.1109
525	575	Qm-2	0.3403	-0.0612	0.1412
526	550	DEAD	0.	0.	0.
526	551	DEAD	0.	0.	0.
526	577	DEAD	0.	0.	0.
526	576	DEAD	0.	0.	0.
526	550	G1	3.097E-08	-1.512E-08	-7.439E-09
526	551	G1	3.088E-08	-9.495E-09	-7.214E-09
526	577	G1	2.260E-08	-1.127E-08	-5.666E-09
526	576	G1	2.161E-08	-1.858E-08	-6.505E-09
526	550	G2	-0.7349	-0.1568	0.1649
526	551	G2	-0.7532	-0.064	0.1663
526	577	G2	-0.6152	-0.0446	0.1802
526	576	G2	-0.6018	-0.1286	0.1789
526	550	Qm	1.871	0.4343	-0.0014
526	551	Qm	1.7446	0.0732	-0.028
526	577	Qm	1.2465	0.0579	-0.0063
526	576	Qm	1.3597	0.3756	0.0203
526	550	Qs	-1.838E-09	-1.765E-09	3.263E-10
526	551	Qs	-1.648E-09	-7.330E-10	2.961E-10
526	577	Qs	-1.323E-09	-7.177E-10	3.263E-10
526	576	Qs	-1.648E-09	-1.730E-09	3.182E-10
526	550	T+	0.	0.	0.
526	551	T+	0.	0.	0.
526	577	T+	0.	0.	0.
526	576	T+	0.	0.	0.
526	550	T-	0.	0.	0.
526	551	T-	0.	0.	0.
526	577	T-	0.	0.	0.
526	576	T-	0.	0.	0.
526	550	W	-3.7132	3.5785	0.1251
526	551	W	-3.4181	1.4466	0.1895
526	577	W	-3.5881	1.5184	-0.1054
526	576	W	-3.9628	3.1138	-0.1697
526	550	Qm-1	2.7053	0.6846	-0.6199
526	551	Qm-1	2.5657	0.1194	-0.6034
526	577	Qm-1	1.8718	-0.0182	-0.5751
526	576	Qm-1	2.0803	0.479	-0.5917
526	550	Qm-2	0.1182	0.1727	0.0422
526	551	Qm-2	0.2396	0.0933	0.0139
526	577	Qm-2	0.4218	0.0106	0.0309
526	576	Qm-2	0.7496	0.5541	0.0593
527	551	DEAD	0.	0.	0.
527	552	DEAD	0.	0.	0.
527	578	DEAD	0.	0.	0.
527	577	DEAD	0.	0.	0.
527	551	G1	2.970E-08	-9.647E-09	-6.293E-09

Table 27: Element Forces - Area Shells, Part 2 of 3

Area	Joint	OutputCase	M11	M22	M12
			KN-mm/mm	KN-mm/mm	KN-mm/mm
527	552	G1	2.676E-08	7.904E-10	-6.293E-09
527	578	G1	2.712E-08	1.968E-09	-5.583E-09
527	577	G1	2.269E-08	-1.215E-08	-5.583E-09
527	551	G2	-0.7533	-0.0644	0.1721
527	552	G2	-0.7721	-2.590E-04	0.1799
527	578	G2	-0.6229	1.932E-04	0.19
527	577	G2	-0.6153	-0.0452	0.1821
527	551	Qm	1.7446	0.0733	-0.0606
527	552	Qm	1.6834	2.613E-04	-0.0986
527	578	Qm	1.1924	2.276E-04	-0.0801
527	577	Qm	1.2465	0.0579	-0.0421
527	551	Qs	-1.743E-09	-7.824E-10	3.455E-10
527	552	Qs	-1.598E-09	1.366E-10	3.677E-10
527	578	Qs	-1.034E-09	1.042E-10	3.455E-10
527	577	Qs	-1.332E-09	-6.613E-10	3.234E-10
527	551	T+	0.	0.	0.
527	552	T+	0.	0.	0.
527	578	T+	0.	0.	0.
527	577	T+	0.	0.	0.
527	551	T-	0.	0.	0.
527	552	T-	0.	0.	0.
527	578	T-	0.	0.	0.
527	577	T-	0.	0.	0.
527	551	W	-3.2584	2.2448	0.3132
527	552	W	-2.6652	-0.1896	0.3616
527	578	W	-2.982	-0.0651	-0.0557
527	577	W	-3.5381	1.7685	-0.1041
527	551	Qm-1	2.5659	0.1204	-0.6133
527	552	Qm-1	2.4916	4.573E-04	-0.6463
527	578	Qm-1	1.7321	0.0011	-0.6059
527	577	Qm-1	1.8731	-0.0119	-0.5728
527	551	Qm-2	0.2385	0.0875	0.0465
527	552	Qm-2	0.2391	-0.003	0.0697
527	578	Qm-2	0.3509	0.0068	0.0804
527	577	Qm-2	0.4249	0.0259	0.0572
528	553	DEAD	0.	0.	0.
528	554	DEAD	0.	0.	0.
528	580	DEAD	0.	0.	0.
528	579	DEAD	0.	0.	0.
528	553	G1	2.476E-08	7.995E-10	-7.316E-09
528	554	G1	1.929E-08	-4.011E-09	-8.026E-09
528	580	G1	9.202E-09	-3.589E-09	-6.607E-09
528	579	G1	1.206E-08	-7.750E-10	-5.898E-09
528	553	G2	-0.4474	-2.737E-04	-0.1616
528	554	G2	-0.4406	-0.0305	-0.1532
528	580	G2	-0.2914	-0.0086	-0.1541
528	579	G2	-0.2806	8.389E-04	-0.1624
528	553	Qm	1.4384	-6.546E-04	-0.2339
528	554	Qm	1.416	0.1169	-0.2768
528	580	Qm	0.9075	0.1223	-0.2545
528	579	Qm	0.944	-4.685E-04	-0.2116
528	553	Qs	-1.328E-09	8.434E-11	-2.363E-10
528	554	Qs	-1.350E-09	-4.521E-10	-1.920E-10
528	580	Qs	-1.267E-09	-5.418E-10	-1.476E-10

Table 27: Element Forces - Area Shells, Part 2 of 3

Area	Joint	OutputCase	M11	M22	M12
			KN-mm/mm	KN-mm/mm	KN-mm/mm
528	579	Qs	-9.566E-10	5.218E-11	-1.920E-10
528	553	T+	0.	0.	0.
528	554	T+	0.	0.	0.
528	580	T+	0.	0.	0.
528	579	T+	0.	0.	0.
528	553	T-	0.	0.	0.
528	554	T-	0.	0.	0.
528	580	T-	0.	0.	0.
528	579	T-	0.	0.	0.
528	553	W	-4.7078	0.0061	0.1159
528	554	W	-4.5441	-0.2863	0.1403
528	580	W	-4.9633	-0.588	-0.0175
528	579	W	-5.3865	-0.0289	-0.0419
528	553	Qm-1	1.7805	-8.627E-04	-0.2057
528	554	Qm-1	1.7601	0.1149	-0.2588
528	580	Qm-1	1.1077	0.1115	-0.2379
528	579	Qm-1	1.1422	-7.651E-04	-0.1848
528	553	Qm-2	0.0748	1.094E-04	0.0176
528	554	Qm-2	0.0844	0.0061	0.0142
528	580	Qm-2	0.0409	0.0063	0.0116
528	579	Qm-2	0.0358	-7.563E-05	0.0151
529	554	DEAD	0.	0.	0.
529	555	DEAD	0.	0.	0.
529	581	DEAD	0.	0.	0.
529	580	DEAD	0.	0.	0.
529	554	G1	1.992E-08	-5.433E-09	-9.214E-09
529	555	G1	1.744E-08	-1.060E-08	-1.028E-08
529	581	G1	2.808E-09	-1.545E-08	-9.214E-09
529	580	G1	9.282E-09	-1.379E-09	-8.150E-09
529	554	G2	-0.4406	-0.0304	-0.1468
529	555	G2	-0.4361	-0.0862	-0.1429
529	581	G2	-0.2937	-0.0693	-0.1482
529	580	G2	-0.2912	-0.0078	-0.1521
529	554	Qm	1.416	0.1168	-0.3245
529	555	Qm	1.3982	0.3388	-0.3659
529	581	Qm	0.8663	0.3242	-0.336
529	580	Qm	0.9075	0.1223	-0.2945
529	554	Qs	-1.278E-09	-4.501E-10	-1.501E-10
529	555	Qs	-1.637E-09	-1.289E-09	-1.280E-10
529	581	Qs	-1.392E-09	-1.151E-09	-1.058E-10
529	580	Qs	-1.369E-09	-6.100E-10	-1.280E-10
529	554	T+	0.	0.	0.
529	555	T+	0.	0.	0.
529	581	T+	0.	0.	0.
529	580	T+	0.	0.	0.
529	554	T-	0.	0.	0.
529	555	T-	0.	0.	0.
529	581	T-	0.	0.	0.
529	580	T-	0.	0.	0.
529	554	W	-4.546	-0.2959	0.18
529	555	W	-4.3814	-0.2304	0.2601
529	581	W	-4.6588	-0.4868	0.1693
529	580	W	-4.9581	-0.562	0.0892
529	554	Qm-1	1.76	0.1146	-0.316

Table 27: Element Forces - Area Shells, Part 2 of 3

Area	Joint	OutputCase	M11	M22	M12
			KN-mm/mm	KN-mm/mm	KN-mm/mm
529	555	Qm-1	1.7395	0.348	-0.3615
529	581	Qm-1	1.0602	0.303	-0.3296
529	580	Qm-1	1.1077	0.1116	-0.2842
529	554	Qm-2	0.0844	0.0063	0.0107
529	555	Qm-2	0.1071	0.046	0.007
529	581	Qm-2	0.0466	0.0433	0.0042
529	580	Qm-2	0.0409	0.006	0.0079
530	555	DEAD	0.	0.	0.
530	556	DEAD	0.	0.	0.
530	582	DEAD	0.	0.	0.
530	581	DEAD	0.	0.	0.
530	555	G1	1.762E-08	-1.173E-08	-1.126E-08
530	556	G1	1.035E-08	-1.574E-08	-1.303E-08
530	582	G1	6.001E-10	-1.386E-08	-1.126E-08
530	581	G1	3.262E-09	-1.078E-08	-9.488E-09
530	555	G2	-0.4361	-0.0864	-0.1358
530	556	G2	-0.4311	-0.1599	-0.1266
530	582	G2	-0.2921	-0.1646	-0.135
530	581	G2	-0.2938	-0.0699	-0.1443
530	555	Qm	1.3981	0.3386	-0.4071
530	556	Qm	1.3812	0.6596	-0.435
530	582	Qm	0.8177	0.5892	-0.397
530	581	Qm	0.8664	0.3243	-0.369
530	555	Qs	-1.630E-09	-1.338E-09	-1.442E-10
530	556	Qs	-1.962E-09	-2.193E-09	-2.107E-10
530	582	Qs	-1.389E-09	-1.662E-09	-1.885E-10
530	581	Qs	-1.488E-09	-1.353E-09	-1.220E-10
530	555	T+	0.	0.	0.
530	556	T+	0.	0.	0.
530	582	T+	0.	0.	0.
530	581	T+	0.	0.	0.
530	555	T-	0.	0.	0.
530	556	T-	0.	0.	0.
530	582	T-	0.	0.	0.
530	581	T-	0.	0.	0.
530	555	W	-4.383	-0.2384	0.304
530	556	W	-4.2724	0.0025	0.3082
530	582	W	-4.3315	0.1087	0.2518
530	581	W	-4.6473	-0.4292	0.2477
530	555	Qm-1	1.7394	0.3472	-0.4032
530	556	Qm-1	1.6983	0.6799	-0.4212
530	582	Qm-1	1.0079	0.5355	-0.3782
530	581	Qm-1	1.0605	0.3042	-0.3602
530	555	Qm-2	0.1067	0.044	0.0016
530	556	Qm-2	0.1357	0.1407	0.003
530	582	Qm-2	0.0428	0.104	0.0043
530	581	Qm-2	0.0467	0.0436	0.003
531	556	DEAD	0.	0.	0.
531	557	DEAD	0.	0.	0.
531	583	DEAD	0.	0.	0.
531	582	DEAD	0.	0.	0.
531	556	G1	1.238E-08	-1.326E-08	-1.314E-08
531	557	G1	8.374E-09	-1.627E-08	-1.208E-08
531	583	G1	-4.777E-09	-2.244E-08	-1.102E-08

Table 27: Element Forces - Area Shells, Part 2 of 3

Area	Joint	OutputCase	M11	M22	M12
			KN-mm/mm	KN-mm/mm	KN-mm/mm
531	582	G1	-4.576E-12	-1.560E-08	-1.208E-08
531	556	G2	-0.4311	-0.1601	-0.1147
531	557	G2	-0.4294	-0.2347	-0.0992
531	583	G2	-0.2979	-0.2502	-0.105
531	582	G2	-0.2921	-0.165	-0.1205
531	556	Qm	1.3813	0.6601	-0.4542
531	557	Qm	1.3555	1.0373	-0.4543
531	583	Qm	0.7674	0.8774	-0.4106
531	582	Qm	0.8179	0.5898	-0.4106
531	556	Qs	-1.954E-09	-2.037E-09	-2.815E-10
531	557	Qs	-2.034E-09	-2.745E-09	-3.037E-10
531	583	Qs	-1.768E-09	-2.639E-09	-2.815E-10
531	582	Qs	-1.449E-09	-1.883E-09	-2.594E-10
531	556	T+	0.	0.	0.
531	557	T+	0.	0.	0.
531	583	T+	0.	0.	0.
531	582	T+	0.	0.	0.
531	556	T-	0.	0.	0.
531	557	T-	0.	0.	0.
531	583	T-	0.	0.	0.
531	582	T-	0.	0.	0.
531	556	W	-4.2707	0.011	0.2953
531	557	W	-4.1851	0.229	0.2962
531	583	W	-3.9695	0.2005	0.2159
531	582	W	-4.3403	0.0643	0.215
531	556	Qm-1	1.6993	0.6849	-0.4144
531	557	Qm-1	1.6637	0.9536	-0.397
531	583	Qm-1	0.9757	0.7427	-0.363
531	582	Qm-1	1.008	0.5362	-0.3805
531	556	Qm-2	0.1363	0.1436	0.0084
531	557	Qm-2	0.1157	0.2371	0.0276
531	583	Qm-2	0.053	0.1526	0.0357
531	582	Qm-2	0.043	0.1047	0.0165
532	557	DEAD	0.	0.	0.
532	558	DEAD	0.	0.	0.
532	584	DEAD	0.	0.	0.
532	583	DEAD	0.	0.	0.
532	557	G1	8.139E-09	-1.789E-08	-1.207E-08
532	558	G1	9.356E-09	-1.194E-08	-1.100E-08
532	584	G1	-9.726E-09	-1.891E-08	-9.229E-09
532	583	G1	-5.184E-09	-2.187E-08	-1.029E-08
532	557	G2	-0.4294	-0.2348	-0.0835
532	558	G2	-0.4333	-0.298	-0.066
532	584	G2	-0.3053	-0.3149	-0.069
532	583	G2	-0.2979	-0.25	-0.0865
532	557	Qm	1.3557	1.0387	-0.4336
532	558	Qm	1.3336	1.3723	-0.3994
532	584	Qm	0.7272	1.1296	-0.362
532	583	Qm	0.7676	0.8783	-0.3962
532	557	Qs	-2.018E-09	-2.895E-09	-3.835E-10
532	558	Qs	-2.113E-09	-2.474E-09	-3.916E-10
532	584	Qs	-1.971E-09	-2.925E-09	-2.948E-10
532	583	Qs	-1.814E-09	-2.573E-09	-3.251E-10
532	557	T+	0.	0.	0.

Table 27: Element Forces - Area Shells, Part 2 of 3

Area	Joint	OutputCase	M11	M22	M12
			KN-mm/mm	KN-mm/mm	KN-mm/mm
532	558	T+	0.	0.	0.
532	584	T+	0.	0.	0.
532	583	T+	0.	0.	0.
532	557	T-	0.	0.	0.
532	558	T-	0.	0.	0.
532	584	T-	0.	0.	0.
532	583	T-	0.	0.	0.
532	557	W	-4.1861	0.2241	0.2823
532	558	W	-4.1839	0.3835	0.3198
532	584	W	-3.9111	0.3271	0.3191
532	583	W	-3.97	0.1982	0.2816
532	557	Qm-1	1.6637	0.9536	-0.3555
532	558	Qm-1	1.6981	1.0853	-0.3294
532	584	Qm-1	0.9662	0.8869	-0.3231
532	583	Qm-1	0.9757	0.7426	-0.3492
532	557	Qm-2	0.1157	0.2373	0.0648
532	558	Qm-2	0.1675	0.2133	0.084
532	584	Qm-2	0.0648	0.1729	0.0706
532	583	Qm-2	0.053	0.1526	0.0514
533	558	DEAD	0.	0.	0.
533	559	DEAD	0.	0.	0.
533	585	DEAD	0.	0.	0.
533	584	DEAD	0.	0.	0.
533	558	G1	9.895E-09	-1.152E-08	-7.986E-09
533	559	G1	4.236E-09	-1.809E-08	-6.922E-09
533	585	G1	-6.286E-09	-2.327E-08	-7.986E-09
533	584	G1	-9.995E-09	-2.115E-08	-9.050E-09
533	558	G2	-0.4333	-0.2981	-0.0497
533	559	G2	-0.4423	-0.346	-0.0329
533	585	G2	-0.3119	-0.3584	-0.0334
533	584	G2	-0.3053	-0.3149	-0.0503
533	558	Qm	1.3337	1.3729	-0.3414
533	559	Qm	1.3292	1.5661	-0.2847
533	585	Qm	0.7106	1.2912	-0.2655
533	584	Qm	0.7273	1.1303	-0.3223
533	558	Qs	-2.084E-09	-2.510E-09	-2.146E-10
533	559	Qs	-2.438E-09	-3.326E-09	-2.227E-10
533	585	Qs	-1.793E-09	-3.249E-09	-2.589E-10
533	584	Qs	-1.934E-09	-2.600E-09	-2.892E-10
533	558	T+	0.	0.	0.
533	559	T+	0.	0.	0.
533	585	T+	0.	0.	0.
533	584	T+	0.	0.	0.
533	558	T-	0.	0.	0.
533	559	T-	0.	0.	0.
533	585	T-	0.	0.	0.
533	584	T-	0.	0.	0.
533	558	W	-4.1835	0.3853	0.3052
533	559	W	-4.3246	0.4796	0.3175
533	585	W	-4.2228	0.5556	0.4252
533	584	W	-3.9115	0.3253	0.413
533	558	Qm-1	1.697	1.0801	-0.3053
533	559	Qm-1	1.7331	1.1397	-0.2948
533	585	Qm-1	0.971	0.9846	-0.2967

Table 27: Element Forces - Area Shells, Part 2 of 3

Area	Joint	OutputCase	M11	M22	M12
			KN-mm/mm	KN-mm/mm	KN-mm/mm
533	584	Qm-1	0.966	0.8862	-0.3073
533	558	Qm-2	0.167	0.2107	0.0896
533	559	Qm-2	0.1759	0.1853	0.0905
533	585	Qm-2	0.088	0.1816	0.0831
533	584	Qm-2	0.0646	0.172	0.0822
534	559	DEAD	0.	0.	0.
534	560	DEAD	0.	0.	0.
534	586	DEAD	0.	0.	0.
534	585	DEAD	0.	0.	0.
534	559	G1	5.236E-09	-2.132E-08	-8.360E-09
534	560	G1	3.472E-09	-2.775E-08	-7.391E-09
534	586	G1	-1.361E-08	-3.466E-08	-6.587E-09
534	585	G1	-5.084E-09	-1.840E-08	-6.327E-09
534	559	G2	-0.4423	-0.346	-0.0187
534	560	G2	-0.4566	-0.3801	-0.0053
534	586	G2	-0.3212	-0.3783	-0.0027
534	585	G2	-0.312	-0.3587	-0.016
534	559	Qm	1.3292	1.5661	-0.2131
534	560	Qm	1.3388	1.5874	-0.156
534	586	Qm	0.7254	1.3419	-0.1581
534	585	Qm	0.7106	1.2912	-0.2151
534	559	Qs	-2.406E-09	-3.560E-09	-3.276E-10
534	560	Qs	-2.270E-09	-3.771E-09	-3.416E-10
534	586	Qs	-2.481E-09	-3.867E-09	-2.611E-10
534	585	Qs	-1.696E-09	-2.965E-09	-2.086E-10
534	559	T+	0.	0.	0.
534	560	T+	0.	0.	0.
534	586	T+	0.	0.	0.
534	585	T+	0.	0.	0.
534	559	T-	0.	0.	0.
534	560	T-	0.	0.	0.
534	586	T-	0.	0.	0.
534	585	T-	0.	0.	0.
534	559	W	-4.3226	0.4895	0.2616
534	560	W	-4.4485	0.4234	0.1822
534	586	W	-4.893	0.6655	0.3499
534	585	W	-4.2219	0.5598	0.4293
534	559	Qm-1	1.7332	1.1398	-0.2958
534	560	Qm-1	1.7257	1.2698	-0.2824
534	586	Qm-1	0.9734	1.0578	-0.2729
534	585	Qm-1	0.971	0.9846	-0.2863
534	559	Qm-2	0.176	0.1854	0.0835
534	560	Qm-2	0.1931	0.2435	0.0835
534	586	Qm-2	0.0913	0.2089	0.0828
534	585	Qm-2	0.088	0.1817	0.0828
535	560	DEAD	0.	0.	0.
535	561	DEAD	0.	0.	0.
535	587	DEAD	0.	0.	0.
535	586	DEAD	0.	0.	0.
535	560	G1	4.434E-09	-2.511E-08	-6.797E-09
535	561	G1	-1.959E-09	-4.098E-08	-4.150E-09
535	587	G1	-1.170E-08	-4.195E-08	-4.669E-09
535	586	G1	-1.207E-08	-3.406E-08	-4.859E-09
535	560	G2	-0.4566	-0.3798	0.0032

Table 27: Element Forces - Area Shells, Part 2 of 3

Area	Joint	OutputCase	M11	M22	M12
			KN-mm/mm	KN-mm/mm	KN-mm/mm
535	561	G2	-0.4722	-0.41	0.0081
535	587	G2	-0.3398	-0.3818	0.0138
535	586	G2	-0.3211	-0.3778	0.0089
535	560	Qm	1.3387	1.5868	-0.0972
535	561	Qm	1.3691	1.4757	-0.0621
535	587	Qm	0.7652	1.3093	-0.0827
535	586	Qm	0.7253	1.3412	-0.1178
535	560	Qs	-2.162E-09	-3.601E-09	-2.594E-10
535	561	Qs	-2.722E-09	-4.984E-09	-2.432E-10
535	587	Qs	-2.282E-09	-4.529E-09	-3.037E-10
535	586	Qs	-2.533E-09	-3.976E-09	-2.432E-10
535	560	T+	0.	0.	0.
535	561	T+	0.	0.	0.
535	587	T+	0.	0.	0.
535	586	T+	0.	0.	0.
535	560	T-	0.	0.	0.
535	561	T-	0.	0.	0.
535	587	T-	0.	0.	0.
535	586	T-	0.	0.	0.
535	560	W	-4.4524	0.4039	0.1287
535	561	W	-4.4874	0.2309	0.0757
535	587	W	-5.1242	-0.0789	0.0929
535	586	W	-4.8748	0.7562	0.1459
535	560	Qm-1	1.7268	1.2752	-0.2514
535	561	Qm-1	1.7278	1.3377	-0.2159
535	587	Qm-1	0.9941	1.0866	-0.2166
535	586	Qm-1	0.9735	1.0585	-0.2521
535	560	Qm-2	0.1936	0.2464	0.0883
535	561	Qm-2	0.1728	0.3041	0.1049
535	587	Qm-2	0.11	0.228	0.1086
535	586	Qm-2	0.0915	0.21	0.092
536	561	DEAD	0.	0.	0.
536	562	DEAD	0.	0.	0.
536	588	DEAD	0.	0.	0.
536	587	DEAD	0.	0.	0.
536	561	G1	6.500E-11	-3.672E-08	-3.201E-09
536	562	G1	2.835E-10	-4.782E-08	-2.492E-09
536	588	G1	-1.332E-08	-5.046E-08	-3.556E-09
536	587	G1	-1.293E-08	-4.365E-08	-4.265E-09
536	561	G2	-0.4721	-0.4097	0.0097
536	562	G2	-0.4837	-0.4497	0.0065
536	588	G2	-0.3519	-0.4102	0.0086
536	587	G2	-0.3397	-0.3812	0.0118
536	561	Qm	1.3688	1.4744	-0.0399
536	562	Qm	1.4097	1.3359	-0.0384
536	588	Qm	0.8179	1.2554	-0.0659
536	587	Qm	0.765	1.3084	-0.0675
536	561	Qs	-2.584E-09	-4.545E-09	-3.374E-10
536	562	Qs	-2.558E-09	-5.189E-09	-3.596E-10
536	588	Qs	-2.598E-09	-4.814E-09	-3.153E-10
536	587	Qs	-2.306E-09	-4.660E-09	-2.931E-10
536	561	T+	0.	0.	0.
536	562	T+	0.	0.	0.
536	588	T+	0.	0.	0.

Table 27: Element Forces - Area Shells, Part 2 of 3

Area	Joint	OutputCase	M11	M22	M12
			KN-mm/mm	KN-mm/mm	KN-mm/mm
536	587	T+	0.	0.	0.
536	561	T-	0.	0.	0.
536	562	T-	0.	0.	0.
536	588	T-	0.	0.	0.
536	587	T-	0.	0.	0.
536	561	W	-4.4839	0.2484	0.162
536	562	W	-4.5437	0.2891	0.2866
536	588	W	-5.0986	-0.1006	0.2945
536	587	W	-5.1492	-0.204	0.1699
536	561	Qm-1	1.7279	1.338	-0.1593
536	562	Qm-1	1.817	1.275	-0.1236
536	588	Qm-1	1.04	1.0529	-0.1558
536	587	Qm-1	0.9941	1.0867	-0.1914
536	561	Qm-2	0.1728	0.3043	0.1403
536	562	Qm-2	0.2357	0.2483	0.1549
536	588	Qm-2	0.1377	0.2224	0.1334
536	587	Qm-2	0.1101	0.2281	0.1189
537	562	DEAD	0.	0.	0.
537	563	DEAD	0.	0.	0.
537	589	DEAD	0.	0.	0.
537	588	DEAD	0.	0.	0.
537	562	G1	2.536E-09	-4.444E-08	-1.543E-09
537	563	G1	-5.240E-09	-6.717E-08	-1.543E-09
537	589	G1	-7.527E-09	-6.283E-08	-2.962E-09
537	588	G1	-1.557E-08	-5.285E-08	-2.962E-09
537	562	G2	-0.4837	-0.4497	0.005
537	563	G2	-0.4878	-0.5058	0.0018
537	589	G2	-0.3517	-0.4765	-0.0025
537	588	G2	-0.3519	-0.4102	6.967E-04
537	562	Qm	1.4096	1.3355	-0.0549
537	563	Qm	1.4536	1.2779	-0.0804
537	589	Qm	0.8734	1.2466	-0.1039
537	588	Qm	0.8178	1.2548	-0.0784
537	562	Qs	-2.507E-09	-4.918E-09	-3.618E-10
537	563	Qs	-3.166E-09	-5.945E-09	-3.839E-10
537	589	Qs	-2.164E-09	-5.461E-09	-4.061E-10
537	588	Qs	-2.656E-09	-5.125E-09	-3.839E-10
537	562	T+	0.	0.	0.
537	563	T+	0.	0.	0.
537	589	T+	0.	0.	0.
537	588	T+	0.	0.	0.
537	562	T-	0.	0.	0.
537	563	T-	0.	0.	0.
537	589	T-	0.	0.	0.
537	588	T-	0.	0.	0.
537	562	W	-4.5437	0.289	0.3681
537	563	W	-4.5762	0.8045	0.4877
537	589	W	-5.2584	0.3731	0.5689
537	588	W	-5.0987	-0.101	0.4494
537	562	Qm-1	1.8161	1.2706	-0.0882
537	563	Qm-1	1.9338	1.1648	-0.0738
537	589	Qm-1	1.131	0.998	-0.124
537	588	Qm-1	1.0399	1.0523	-0.1384
537	562	Qm-2	0.2352	0.2457	0.1577

Table 27: Element Forces - Area Shells, Part 2 of 3

Area	Joint	OutputCase	M11	M22	M12
			KN-mm/mm	KN-mm/mm	KN-mm/mm
537	563	Qm-2	0.2699	0.1975	0.1519
537	589	Qm-2	0.1936	0.2143	0.1306
537	588	Qm-2	0.1376	0.222	0.1365
538	563	DEAD	0.	0.	0.
538	564	DEAD	0.	0.	0.
538	590	DEAD	0.	0.	0.
538	589	DEAD	0.	0.	0.
538	563	G1	-4.343E-09	-6.643E-08	-3.700E-09
538	564	G1	5.246E-09	-5.762E-08	-3.536E-09
538	590	G1	-8.377E-09	-6.106E-08	-6.538E-09
538	589	G1	-7.831E-09	-6.342E-08	-4.245E-09
538	563	G2	-0.4879	-0.5061	0.0033
538	564	G2	-0.4881	-0.5686	0.0081
538	590	G2	-0.3452	-0.5648	4.534E-04
538	589	G2	-0.3519	-0.4772	-0.0044
538	563	Qm	1.4537	1.2784	-0.1167
538	564	Qm	1.5184	1.3554	-0.1532
538	590	Qm	0.9292	1.3288	-0.1717
538	589	Qm	0.8733	1.2465	-0.1351
538	563	Qs	-3.239E-09	-6.116E-09	-5.170E-10
538	564	Qs	-2.748E-09	-5.222E-09	-5.311E-10
538	590	Qs	-2.464E-09	-5.429E-09	-5.835E-10
538	589	Qs	-2.163E-09	-5.358E-09	-5.311E-10
538	563	T+	0.	0.	0.
538	564	T+	0.	0.	0.
538	590	T+	0.	0.	0.
538	589	T+	0.	0.	0.
538	563	T-	0.	0.	0.
538	564	T-	0.	0.	0.
538	590	T-	0.	0.	0.
538	589	T-	0.	0.	0.
538	563	W	-4.5797	0.7869	0.5603
538	564	W	-4.6464	1.5013	0.4896
538	590	W	-5.1184	1.9052	0.5679
538	589	W	-5.2335	0.4973	0.6387
538	563	Qm-1	1.9343	1.1669	-0.0692
538	564	Qm-1	2.1165	1.2201	-0.0551
538	590	Qm-1	1.1734	0.9734	-0.1007
538	589	Qm-1	1.1307	0.9968	-0.1148
538	563	Qm-2	0.2715	0.2054	0.1436
538	564	Qm-2	0.3845	0.2159	0.1179
538	590	Qm-2	0.2406	0.2905	0.0881
538	589	Qm-2	0.1927	0.2098	0.1139
539	564	DEAD	0.	0.	0.
539	565	DEAD	0.	0.	0.
539	591	DEAD	0.	0.	0.
539	590	DEAD	0.	0.	0.
539	564	G1	5.705E-09	-5.979E-08	-3.413E-09
539	565	G1	1.961E-08	-4.001E-08	-1.510E-09
539	591	G1	-1.610E-09	-5.487E-08	-5.187E-09
539	590	G1	-7.608E-09	-5.907E-08	-6.475E-09
539	564	G2	-0.4881	-0.5689	0.0161
539	565	G2	-0.4899	-0.6208	0.029
539	591	G2	-0.3481	-0.6296	0.0251

Table 27: Element Forces - Area Shells, Part 2 of 3

Area	Joint	OutputCase	M11	M22	M12
			KN-mm/mm	KN-mm/mm	KN-mm/mm
539	590	G2	-0.3453	-0.5653	0.0122
539	564	Qm	1.5184	1.3554	-0.1909
539	565	Qm	1.6202	1.6034	-0.2195
539	591	Qm	0.9908	1.5236	-0.2351
539	590	Qm	0.9292	1.329	-0.2065
539	564	Qs	-2.677E-09	-5.432E-09	-5.798E-10
539	565	Qs	-2.297E-09	-4.770E-09	-5.938E-10
539	591	Qs	-2.104E-09	-4.692E-09	-7.128E-10
539	590	Qs	-2.494E-09	-5.288E-09	-6.603E-10
539	564	T+	0.	0.	0.
539	565	T+	0.	0.	0.
539	591	T+	0.	0.	0.
539	590	T+	0.	0.	0.
539	564	T-	0.	0.	0.
539	565	T-	0.	0.	0.
539	591	T-	0.	0.	0.
539	590	T-	0.	0.	0.
539	564	W	-4.6425	1.5208	0.4046
539	565	W	-4.6381	2.0905	0.2866
539	591	W	-4.64	2.2646	0.2248
539	590	W	-5.1367	1.8138	0.3427
539	564	Qm-1	2.1153	1.2137	-0.0065
539	565	Qm-1	2.3003	1.6596	0.0886
539	591	Qm-1	1.4654	1.0884	0.0126
539	590	Qm-1	1.1734	0.9734	-0.0825
539	564	Qm-2	0.3814	0.2002	0.0865
539	565	Qm-2	0.7363	0.7138	0.1116
539	591	Qm-2	0.1474	0.3515	0.081
539	590	Qm-2	0.2418	0.2966	0.0559
540	565	DEAD	0.	0.	0.
540	566	DEAD	0.	0.	0.
540	592	DEAD	0.	0.	0.
540	591	DEAD	0.	0.	0.
540	565	G1	2.002E-08	-3.828E-08	5.741E-10
540	566	G1	1.246E-08	-7.297E-08	2.702E-09
540	592	G1	-4.229E-09	-7.441E-08	2.702E-09
540	591	G1	-2.657E-09	-5.493E-08	5.741E-10
540	565	G2	-0.4899	-0.6209	0.0418
540	566	G2	-0.4978	-0.6493	0.0572
540	592	G2	-0.3543	-0.658	0.0578
540	591	G2	-0.3481	-0.6294	0.0423
540	565	Qm	1.6201	1.6029	-0.2406
540	566	Qm	1.7205	1.8819	-0.2489
540	592	Qm	1.0451	1.7396	-0.2605
540	591	Qm	0.9908	1.5238	-0.2522
540	565	Qs	-2.171E-09	-4.544E-09	-5.375E-10
540	566	Qs	-2.348E-09	-4.968E-09	-5.153E-10
540	592	Qs	-2.010E-09	-4.539E-09	-5.375E-10
540	591	Qs	-2.198E-09	-5.018E-09	-5.597E-10
540	565	T+	0.	0.	0.
540	566	T+	0.	0.	0.
540	592	T+	0.	0.	0.
540	591	T+	0.	0.	0.
540	565	T-	0.	0.	0.

Table 27: Element Forces - Area Shells, Part 2 of 3

Area	Joint	OutputCase	M11	M22	M12
			KN-mm/mm	KN-mm/mm	KN-mm/mm
540	566	T-	0.	0.	0.
540	592	T-	0.	0.	0.
540	591	T-	0.	0.	0.
540	565	W	-4.6394	2.0842	0.1672
540	566	W	-4.6157	2.3889	0.0943
540	592	W	-4.624	2.5643	0.1112
540	591	W	-4.6416	2.2565	0.1841
540	565	Qm-1	2.3003	1.6597	0.1814
540	566	Qm-1	2.0109	0.2237	0.2676
540	592	Qm-1	1.1457	0.0409	0.291
540	591	Qm-1	1.4654	1.0885	0.2048
540	565	Qm-2	0.7363	0.7137	0.1566
540	566	Qm-2	0.3418	0.0659	0.1819
540	592	Qm-2	0.2219	0.1652	0.2138
540	591	Qm-2	0.1474	0.3515	0.1885
541	566	DEAD	0.	0.	0.
541	567	DEAD	0.	0.	0.
541	593	DEAD	0.	0.	0.
541	592	DEAD	0.	0.	0.
541	566	G1	1.195E-08	-7.454E-08	2.552E-09
541	567	G1	1.040E-08	-9.009E-08	2.197E-09
541	593	G1	-4.499E-09	-9.400E-08	1.134E-09
541	592	G1	-5.870E-09	-7.462E-08	1.488E-09
541	566	G2	-0.4978	-0.6492	0.0702
541	567	G2	-0.5117	-0.6526	0.0836
541	593	G2	-0.3638	-0.6495	0.0887
541	592	G2	-0.3544	-0.6582	0.0753
541	566	Qm	1.7205	1.8818	-0.2497
541	567	Qm	1.7798	2.0491	-0.2423
541	593	Qm	1.0779	1.8803	-0.2487
541	592	Qm	1.0451	1.7397	-0.256
541	566	Qs	-2.374E-09	-4.923E-09	-5.443E-10
541	567	Qs	-2.009E-09	-4.584E-09	-5.443E-10
541	593	Qs	-1.903E-09	-4.563E-09	-6.330E-10
541	592	Qs	-1.981E-09	-4.844E-09	-6.330E-10
541	566	T+	0.	0.	0.
541	567	T+	0.	0.	0.
541	593	T+	0.	0.	0.
541	592	T+	0.	0.	0.
541	566	T-	0.	0.	0.
541	567	T-	0.	0.	0.
541	593	T-	0.	0.	0.
541	592	T-	0.	0.	0.
541	566	W	-4.6144	2.3952	-0.027
541	567	W	-4.5726	2.4316	-0.1485
541	593	W	-5.0851	2.7337	-0.0526
541	592	W	-4.6224	2.5723	0.0689
541	566	Qm-1	2.0122	0.2303	0.299
541	567	Qm-1	1.7372	-0.7839	0.2833
541	593	Qm-1	1.0871	-0.8224	0.2746
541	592	Qm-1	1.1457	0.0409	0.2903
541	566	Qm-2	0.3449	0.0815	0.1511
541	567	Qm-2	0.1878	-0.0651	0.1261
541	593	Qm-2	0.1577	-0.0544	0.157

Table 27: Element Forces - Area Shells, Part 2 of 3

Area	Joint	OutputCase	M11	M22	M12
			KN-mm/mm	KN-mm/mm	KN-mm/mm
541	592	Qm-2	0.2208	0.1595	0.1819
542	567	DEAD	0.	0.	0.
542	568	DEAD	0.	0.	0.
542	594	DEAD	0.	0.	0.
542	593	DEAD	0.	0.	0.
542	567	G1	9.558E-09	-9.208E-08	1.883E-09
542	568	G1	5.138E-09	-1.134E-07	8.190E-10
542	594	G1	-5.027E-09	-1.150E-07	-2.449E-10
542	593	G1	-5.368E-09	-9.356E-08	8.190E-10
542	567	G2	-0.5116	-0.6523	0.0921
542	568	G2	-0.5267	-0.64	0.0977
542	594	G2	-0.3823	-0.6119	0.1068
542	593	G2	-0.3637	-0.649	0.1012
542	567	Qm	1.7799	2.0494	-0.2324
542	568	Qm	1.8087	2.1306	-0.2181
542	594	Qm	1.093	1.9471	-0.2211
542	593	Qm	1.0779	1.8804	-0.2354
542	567	Qs	-2.064E-09	-4.672E-09	-5.311E-10
542	568	Qs	-2.046E-09	-4.806E-09	-4.949E-10
542	594	Qs	-1.900E-09	-5.051E-09	-5.311E-10
542	593	Qs	-1.846E-09	-4.673E-09	-6.057E-10
542	567	T+	0.	0.	0.
542	568	T+	0.	0.	0.
542	594	T+	0.	0.	0.
542	593	T+	0.	0.	0.
542	567	T-	0.	0.	0.
542	568	T-	0.	0.	0.
542	594	T-	0.	0.	0.
542	593	T-	0.	0.	0.
542	567	W	-4.5765	2.412	-0.2392
542	568	W	-4.4674	2.2935	-0.3172
542	594	W	-5.1518	2.0194	-0.3607
542	593	W	-5.0668	2.8252	-0.2828
542	567	Qm-1	1.7369	-0.7851	0.2461
542	568	Qm-1	1.5666	-1.5691	0.1967
542	594	Qm-1	0.9908	-1.5401	0.1897
542	593	Qm-1	1.0871	-0.8224	0.2391
542	567	Qm-2	0.1866	-0.0709	0.121
542	568	Qm-2	0.1103	-0.1861	0.1117
542	594	Qm-2	0.103	-0.1692	0.1294
542	593	Qm-2	0.1586	-0.0501	0.1387
543	568	DEAD	0.	0.	0.
543	569	DEAD	0.	0.	0.
543	595	DEAD	0.	0.	0.
543	594	DEAD	0.	0.	0.
543	568	G1	4.647E-09	-1.170E-07	-1.024E-09
543	569	G1	-2.368E-09	-1.284E-07	-2.347E-09
543	595	G1	-7.411E-09	-1.315E-07	-1.024E-09
543	594	G1	-4.850E-09	-1.110E-07	-9.288E-10
543	568	G2	-0.5267	-0.6397	0.1
543	569	G2	-0.5372	-0.6256	0.098
543	595	G2	-0.3937	-0.5868	0.1041
543	594	G2	-0.3822	-0.6112	0.1062
543	568	Qm	1.8088	2.1308	-0.2021

Table 27: Element Forces - Area Shells, Part 2 of 3

Area	Joint	OutputCase	M11	M22	M12
			KN-mm/mm	KN-mm/mm	KN-mm/mm
543	569	Qm	1.8145	2.1335	-0.1838
543	595	Qm	1.0937	1.9417	-0.1852
543	594	Qm	1.093	1.9472	-0.2036
543	568	Qs	-2.019E-09	-5.044E-09	-5.068E-10
543	569	Qs	-2.528E-09	-5.191E-09	-4.321E-10
543	595	Qs	-1.620E-09	-5.243E-09	-4.403E-10
543	594	Qs	-1.816E-09	-4.823E-09	-4.765E-10
543	568	T+	0.	0.	0.
543	569	T+	0.	0.	0.
543	595	T+	0.	0.	0.
543	594	T+	0.	0.	0.
543	568	T-	0.	0.	0.
543	569	T-	0.	0.	0.
543	595	T-	0.	0.	0.
543	594	T-	0.	0.	0.
543	568	W	-4.4639	2.3111	-0.2544
543	569	W	-4.396	2.3746	-0.1457
543	595	W	-4.9943	2.0067	-0.1905
543	594	W	-5.1766	1.8952	-0.2992
543	568	Qm-1	1.5665	-1.5696	0.1383
543	569	Qm-1	1.445	-2.1437	0.0728
543	595	Qm-1	0.931	-2.0771	0.0643
543	594	Qm-1	0.9908	-1.5402	0.1297
543	568	Qm-2	0.1102	-0.1864	0.1078
543	569	Qm-2	0.065	-0.2616	0.1013
543	595	Qm-2	0.0695	-0.2481	0.1113
543	594	Qm-2	0.103	-0.1694	0.1178
544	569	DEAD	0.	0.	0.
544	570	DEAD	0.	0.	0.
544	596	DEAD	0.	0.	0.
544	595	DEAD	0.	0.	0.
544	569	G1	-3.263E-09	-1.329E-07	-3.236E-09
544	570	G1	-2.013E-09	-1.353E-07	-4.040E-09
544	596	G1	-8.716E-09	-1.389E-07	-5.364E-09
544	595	G1	-6.357E-09	-1.240E-07	-3.331E-09
544	569	G2	-0.5372	-0.6256	0.0974
544	570	G2	-0.5394	-0.6158	0.0955
544	596	G2	-0.392	-0.5875	0.096
544	595	G2	-0.3937	-0.5868	0.0978
544	569	Qm	1.8145	2.1335	-0.1643
544	570	Qm	1.8013	2.0626	-0.1435
544	596	Qm	1.0824	1.8667	-0.1444
544	595	Qm	1.0938	1.9417	-0.1652
544	569	Qs	-2.542E-09	-5.387E-09	-4.782E-10
544	570	Qs	-2.384E-09	-5.200E-09	-4.014E-10
544	596	Qs	-1.788E-09	-5.476E-09	-4.560E-10
544	595	Qs	-1.528E-09	-4.843E-09	-3.792E-10
544	569	T+	0.	0.	0.
544	570	T+	0.	0.	0.
544	596	T+	0.	0.	0.
544	595	T+	0.	0.	0.
544	569	T-	0.	0.	0.
544	570	T-	0.	0.	0.
544	596	T-	0.	0.	0.

Table 27: Element Forces - Area Shells, Part 2 of 3

Area	Joint	OutputCase	M11	M22	M12
			KN-mm/mm	KN-mm/mm	KN-mm/mm
544	595	T-	0.	0.	0.
544	569	W	-4.396	2.3746	-0.0786
544	570	W	-4.3131	2.8891	0.0312
544	596	W	-5.0342	2.4657	0.0628
544	595	W	-4.9943	2.007	-0.047
544	569	Qm-1	1.4449	-2.144	0.0013
544	570	Qm-1	1.3733	-2.503	-0.0715
544	596	Qm-1	0.8895	-2.42	-0.0772
544	595	Qm-1	0.9309	-2.0772	-0.0044
544	569	Qm-2	0.0649	-0.2618	0.0988
544	570	Qm-2	0.0427	-0.3046	0.0942
544	596	Qm-2	0.0532	-0.2932	0.0986
544	595	Qm-2	0.0695	-0.2482	0.1031
545	570	DEAD	0.	0.	0.
545	571	DEAD	0.	0.	0.
545	597	DEAD	0.	0.	0.
545	596	DEAD	0.	0.	0.
545	570	G1	-3.862E-09	-1.373E-07	-5.379E-09
545	571	G1	-2.198E-09	-1.352E-07	-6.443E-09
545	597	G1	-1.011E-08	-1.377E-07	-6.088E-09
545	596	G1	-8.936E-09	-1.348E-07	-5.024E-09
545	570	G2	-0.5394	-0.6162	0.0979
545	571	G2	-0.537	-0.6011	0.104
545	597	G2	-0.3831	-0.5981	0.1018
545	596	G2	-0.3921	-0.5882	0.0957
545	570	Qm	1.8013	2.0627	-0.1218
545	571	Qm	1.7716	1.923	-0.0995
545	597	Qm	1.0607	1.7262	-0.1004
545	596	Qm	1.0824	1.8667	-0.1227
545	570	Qs	-2.470E-09	-5.217E-09	-3.549E-10
545	571	Qs	-2.105E-09	-4.887E-09	-3.106E-10
545	597	Qs	-2.007E-09	-5.231E-09	-3.106E-10
545	596	Qs	-1.653E-09	-4.956E-09	-3.549E-10
545	570	T+	0.	0.	0.
545	571	T+	0.	0.	0.
545	597	T+	0.	0.	0.
545	596	T+	0.	0.	0.
545	570	T-	0.	0.	0.
545	571	T-	0.	0.	0.
545	597	T-	0.	0.	0.
545	596	T-	0.	0.	0.
545	570	W	-4.3166	2.8714	0.0979
545	571	W	-4.2779	3.5672	0.026
545	597	W	-4.7697	3.9563	0.0539
545	596	W	-5.0092	2.5906	0.1258
545	570	Qm-1	1.3733	-2.503	-0.1479
545	571	Qm-1	1.3468	-2.6413	-0.223
545	597	Qm-1	0.8711	-2.5558	-0.225
545	596	Qm-1	0.8895	-2.42	-0.1499
545	570	Qm-2	0.0427	-0.3046	0.0927
545	571	Qm-2	0.0402	-0.3176	0.089
545	597	Qm-2	0.0529	-0.3067	0.0885
545	596	Qm-2	0.0532	-0.2932	0.0922
546	571	DEAD	0.	0.	0.

Table 27: Element Forces - Area Shells, Part 2 of 3

Area	Joint	OutputCase	M11	M22	M12
			KN-mm/mm	KN-mm/mm	KN-mm/mm
546	572	DEAD	0.	0.	0.
546	598	DEAD	0.	0.	0.
546	597	DEAD	0.	0.	0.
546	571	G1	-5.174E-09	-1.403E-07	-6.280E-09
546	572	G1	7.256E-10	-1.254E-07	-8.443E-09
546	598	G1	-7.214E-09	-1.292E-07	-8.053E-09
546	597	G1	-7.431E-09	-1.342E-07	-7.733E-09
546	571	G2	-0.5371	-0.6014	0.1129
546	572	G2	-0.5361	-0.5638	0.1271
546	598	G2	-0.3828	-0.5732	0.1294
546	597	G2	-0.3832	-0.5986	0.1152
546	571	Qm	1.7715	1.923	-0.0768
546	572	Qm	1.7265	1.7202	-0.054
546	598	Qm	1.0296	1.526	-0.0549
546	597	Qm	1.0607	1.7261	-0.0777
546	571	Qs	-2.064E-09	-5.129E-09	-2.286E-10
546	572	Qs	-2.372E-09	-4.475E-09	-1.924E-10
546	598	Qs	-1.599E-09	-4.664E-09	-2.065E-10
546	597	Qs	-1.934E-09	-5.079E-09	-2.811E-10
546	571	T+	0.	0.	0.
546	572	T+	0.	0.	0.
546	598	T+	0.	0.	0.
546	597	T+	0.	0.	0.
546	571	T-	0.	0.	0.
546	572	T-	0.	0.	0.
546	598	T-	0.	0.	0.
546	597	T-	0.	0.	0.
546	571	W	-4.274	3.5863	-0.0524
546	572	W	-4.1764	4.1269	-0.1552
546	598	W	-4.1494	4.2434	-0.2702
546	597	W	-4.7878	3.8656	-0.1675
546	571	Qm-1	1.3468	-2.6412	-0.2998
546	572	Qm-1	1.3662	-2.5527	-0.3735
546	598	Qm-1	0.8764	-2.4778	-0.3717
546	597	Qm-1	0.8711	-2.5558	-0.298
546	571	Qm-2	0.0402	-0.3175	0.088
546	572	Qm-2	0.0581	-0.3011	0.0842
546	598	Qm-2	0.0693	-0.2888	0.0785
546	597	Qm-2	0.053	-0.3066	0.0823
547	572	DEAD	0.	0.	0.
547	573	DEAD	0.	0.	0.
547	599	DEAD	0.	0.	0.
547	598	DEAD	0.	0.	0.
547	572	G1	3.483E-11	-1.275E-07	-7.986E-09
547	573	G1	3.099E-09	-1.116E-07	-8.340E-09
547	599	G1	-4.975E-09	-1.122E-07	-7.986E-09
547	598	G1	-6.964E-09	-1.300E-07	-7.631E-09
547	572	G2	-0.5362	-0.5639	0.1406
547	573	G2	-0.5423	-0.4908	0.1573
547	599	G2	-0.3849	-0.5	0.1652
547	598	G2	-0.3827	-0.573	0.1484
547	572	Qm	1.7265	1.7201	-0.0315
547	573	Qm	1.6658	1.4601	-0.0095
547	599	Qm	0.9896	1.2736	-0.0098

Table 27: Element Forces - Area Shells, Part 2 of 3

Area	Joint	OutputCase	M11	M22	M12
			KN-mm/mm	KN-mm/mm	KN-mm/mm
547	598	Qm	1.0296	1.5259	-0.0319
547	572	Qs	-2.353E-09	-4.432E-09	-4.433E-11
547	573	Qs	-2.079E-09	-4.247E-09	6.650E-11
547	599	Qs	-1.588E-09	-4.066E-09	4.433E-11
547	598	Qs	-1.613E-09	-4.846E-09	-6.650E-11
547	572	T+	0.	0.	0.
547	573	T+	0.	0.	0.
547	599	T+	0.	0.	0.
547	598	T+	0.	0.	0.
547	572	T-	0.	0.	0.
547	573	T-	0.	0.	0.
547	599	T-	0.	0.	0.
547	598	T-	0.	0.	0.
547	572	W	-4.1781	4.1186	-0.2427
547	573	W	-4.0973	4.3989	-0.2647
547	599	W	-3.926	4.4251	-0.3088
547	598	W	-4.1505	4.2379	-0.2868
547	572	Qm-1	1.3663	-2.5525	-0.4467
547	573	Qm-1	1.4385	-2.2307	-0.5146
547	599	Qm-1	0.9021	-2.185	-0.5094
547	598	Qm-1	0.8764	-2.4778	-0.4415
547	572	Qm-2	0.0581	-0.3009	0.0832
547	573	Qm-2	0.1009	-0.2532	0.0781
547	599	Qm-2	0.1049	-0.2381	0.0659
547	598	Qm-2	0.0694	-0.2887	0.0709
548	573	DEAD	0.	0.	0.
548	574	DEAD	0.	0.	0.
548	600	DEAD	0.	0.	0.
548	599	DEAD	0.	0.	0.
548	573	G1	3.621E-09	-1.102E-07	-8.600E-09
548	574	G1	1.133E-08	-8.517E-08	-8.600E-09
548	600	G1	-2.009E-09	-8.625E-08	-8.600E-09
548	599	G1	-6.183E-09	-1.121E-07	-8.600E-09
548	573	G2	-0.5423	-0.4908	0.1709
548	574	G2	-0.5578	-0.3815	0.1858
548	600	G2	-0.3898	-0.3784	0.1997
548	599	G2	-0.385	-0.5002	0.1848
548	573	Qm	1.6658	1.4599	0.0109
548	574	Qm	1.5879	1.149	0.0301
548	600	Qm	0.9407	0.9784	0.0313
548	599	Qm	0.9896	1.2735	0.012
548	573	Qs	-2.009E-09	-3.903E-09	7.084E-11
548	574	Qs	-1.583E-09	-3.075E-09	1.152E-10
548	600	Qs	-1.610E-09	-3.171E-09	1.595E-10
548	599	Qs	-1.633E-09	-4.056E-09	1.152E-10
548	573	T+	0.	0.	0.
548	574	T+	0.	0.	0.
548	600	T+	0.	0.	0.
548	599	T+	0.	0.	0.
548	573	T-	0.	0.	0.
548	574	T-	0.	0.	0.
548	600	T-	0.	0.	0.
548	599	T-	0.	0.	0.
548	573	W	-4.0966	4.4022	-0.3144

Table 27: Element Forces - Area Shells, Part 2 of 3

Area	Joint	OutputCase	M11	M22	M12
			KN-mm/mm	KN-mm/mm	KN-mm/mm
548	574	W	-4.119	4.4028	-0.3334
548	600	W	-4.1057	4.5025	-0.2881
548	599	W	-3.9248	4.431	-0.269
548	573	Qm-1	1.4386	-2.2303	-0.5773
548	574	Qm-1	1.5646	-1.6684	-0.6323
548	600	Qm-1	0.9672	-1.6763	-0.6276
548	599	Qm-1	0.902	-2.1851	-0.5725
548	573	Qm-2	0.101	-0.2529	0.0767
548	574	Qm-2	0.1785	-0.1669	0.0694
548	600	Qm-2	0.1661	-0.1483	0.0478
548	599	Qm-2	0.105	-0.2378	0.0551
549	574	DEAD	0.	0.	0.
549	575	DEAD	0.	0.	0.
549	601	DEAD	0.	0.	0.
549	600	DEAD	0.	0.	0.
549	574	G1	1.046E-08	-8.868E-08	-9.419E-09
549	575	G1	1.613E-08	-5.423E-08	-9.419E-09
549	601	G1	1.773E-09	-6.084E-08	-9.419E-09
549	600	G1	-3.284E-09	-8.854E-08	-9.419E-09
549	574	G2	-0.5577	-0.3812	0.1948
549	575	G2	-0.5801	-0.2507	0.2014
549	601	G2	-0.4055	-0.2173	0.2215
549	600	G2	-0.3897	-0.3781	0.2149
549	574	Qm	1.5878	1.1488	0.0452
549	575	Qm	1.4881	0.7914	0.0577
549	601	Qm	0.8821	0.6514	0.0621
549	600	Qm	0.9407	0.9783	0.0497
549	574	Qs	-1.672E-09	-3.067E-09	2.116E-10
549	575	Qs	-1.698E-09	-2.473E-09	2.781E-10
549	601	Qs	-1.345E-09	-2.496E-09	3.003E-10
549	600	Qs	-1.549E-09	-3.321E-09	2.338E-10
549	574	T+	0.	0.	0.
549	575	T+	0.	0.	0.
549	601	T+	0.	0.	0.
549	600	T+	0.	0.	0.
549	574	T-	0.	0.	0.
549	575	T-	0.	0.	0.
549	601	T-	0.	0.	0.
549	600	T-	0.	0.	0.
549	574	W	-4.1191	4.4022	-0.352
549	575	W	-4.1336	3.9782	-0.3955
549	601	W	-4.2556	4.0252	-0.3988
549	600	W	-4.0974	4.5437	-0.3553
549	574	Qm-1	1.5649	-1.6671	-0.6786
549	575	Qm-1	1.8035	-0.8315	-0.7061
549	601	Qm-1	0.9976	-0.9707	-0.698
549	600	Qm-1	0.9672	-1.6764	-0.6704
549	574	Qm-2	0.1796	-0.1611	0.0677
549	575	Qm-2	0.3434	-0.0457	0.0452
549	601	Qm-2	0.2395	0.03	0.008
549	600	Qm-2	0.1653	-0.1525	0.0305
550	575	DEAD	0.	0.	0.
550	576	DEAD	0.	0.	0.
550	602	DEAD	0.	0.	0.

Table 27: Element Forces - Area Shells, Part 2 of 3

Area	Joint	OutputCase	M11	M22	M12
			KN-mm/mm	KN-mm/mm	KN-mm/mm
550	601	DEAD	0.	0.	0.
550	575	G1	1.606E-08	-5.066E-08	-7.931E-09
550	576	G1	2.232E-08	-2.051E-08	-6.512E-09
550	602	G1	1.371E-08	-2.410E-08	-7.221E-09
550	601	G1	3.919E-09	-5.717E-08	-8.640E-09
550	575	G2	-0.58	-0.2502	0.2028
550	576	G2	-0.6016	-0.1288	0.1982
550	602	G2	-0.4205	-0.0699	0.217
550	601	G2	-0.4053	-0.2161	0.2216
550	575	Qm	1.4881	0.7916	0.0619
550	576	Qm	1.3594	0.375	0.0577
550	602	Qm	0.8131	0.3049	0.0671
550	601	Qm	0.8821	0.6513	0.0713
550	575	Qs	-1.707E-09	-2.467E-09	3.293E-10
550	576	Qs	-1.332E-09	-1.550E-09	3.293E-10
550	602	Qs	-1.275E-09	-1.769E-09	2.850E-10
550	601	Qs	-1.266E-09	-2.148E-09	2.850E-10
550	575	T+	0.	0.	0.
550	576	T+	0.	0.	0.
550	602	T+	0.	0.	0.
550	601	T+	0.	0.	0.
550	575	T-	0.	0.	0.
550	576	T-	0.	0.	0.
550	602	T-	0.	0.	0.
550	601	T-	0.	0.	0.
550	575	W	-4.1323	3.9848	-0.3815
550	576	W	-3.9719	3.0529	-0.4172
550	602	W	-4.3106	3.0741	-0.5176
550	601	W	-4.252	4.0432	-0.4819
550	575	Qm-1	1.8022	-0.838	-0.6919
550	576	Qm-1	2.0675	0.4763	-0.6283
550	602	Qm-1	1.2932	-0.0122	-0.6504
550	601	Qm-1	0.9976	-0.9709	-0.7141
550	575	Qm-2	0.3404	-0.0612	0.0188
550	576	Qm-2	0.7496	0.554	0.0468
550	602	Qm-2	0.1858	0.1898	0.005
550	601	Qm-2	0.2407	0.0358	-0.023
551	576	DEAD	0.	0.	0.
551	577	DEAD	0.	0.	0.
551	603	DEAD	0.	0.	0.
551	602	DEAD	0.	0.	0.
551	576	G1	2.317E-08	-1.881E-08	-6.333E-09
551	577	G1	2.389E-08	-1.051E-08	-4.914E-09
551	603	G1	7.650E-09	-1.446E-08	-3.496E-09
551	602	G1	1.307E-08	-2.522E-08	-4.914E-09
551	576	G2	-0.6015	-0.1286	0.1951
551	577	G2	-0.6139	-0.0443	0.188
551	603	G2	-0.4169	0.0058	0.1965
551	602	G2	-0.4204	-0.0693	0.2036
551	576	Qm	1.3595	0.3756	0.0401
551	577	Qm	1.2462	0.0578	0.0129
551	603	Qm	0.7517	0.0508	0.0255
551	602	Qm	0.8131	0.3048	0.0527
551	576	Qs	-1.333E-09	-1.639E-09	2.897E-10

Table 27: Element Forces - Area Shells, Part 2 of 3

Area	Joint	OutputCase	M11	M22	M12
			KN-mm/mm	KN-mm/mm	KN-mm/mm
551	577	Qs	-1.152E-09	-7.318E-10	2.897E-10
551	603	Qs	-1.050E-09	-7.576E-10	3.118E-10
551	602	Qs	-1.213E-09	-1.569E-09	3.118E-10
551	576	T+	0.	0.	0.
551	577	T+	0.	0.	0.
551	603	T+	0.	0.	0.
551	602	T+	0.	0.	0.
551	576	T-	0.	0.	0.
551	577	T-	0.	0.	0.
551	603	T-	0.	0.	0.
551	602	T-	0.	0.	0.
551	576	W	-3.9596	3.1144	-0.3348
551	577	W	-3.5908	1.5179	-0.5101
551	603	W	-3.8189	2.6639	-0.773
551	602	W	-4.3898	2.678	-0.5977
551	576	Qm-1	2.0676	0.4764	-0.5661
551	577	Qm-1	1.8813	-0.0163	-0.5104
551	603	Qm-1	0.9789	-0.1305	-0.4316
551	602	Qm-1	1.2932	-0.0123	-0.4873
551	576	Qm-2	0.7496	0.5541	0.0972
551	577	Qm-2	0.422	0.0106	0.1256
551	603	Qm-2	0.3115	0.1036	0.1414
551	602	Qm-2	0.1859	0.1899	0.113
552	577	DEAD	0.	0.	0.
552	578	DEAD	0.	0.	0.
552	604	DEAD	0.	0.	0.
552	603	DEAD	0.	0.	0.
552	577	G1	2.455E-08	-1.240E-08	-5.119E-09
552	578	G1	2.423E-08	2.446E-09	-5.828E-09
552	604	G1	8.902E-09	-3.396E-09	-5.119E-09
552	603	G1	9.377E-09	-1.010E-08	-4.410E-09
552	577	G2	-0.614	-0.0449	0.1894
552	578	G2	-0.6261	-4.444E-04	0.1965
552	604	G2	-0.3966	0.0011	0.1965
552	603	G2	-0.4172	0.0045	0.1894
552	577	Qm	1.2462	0.0578	-0.0243
552	578	Qm	1.1914	2.704E-05	-0.0631
552	604	Qm	0.7172	-3.737E-04	-0.0491
552	603	Qm	0.7516	0.0507	-0.0103
552	577	Qs	-1.020E-09	-5.675E-10	3.234E-10
552	578	Qs	-1.229E-09	-2.171E-12	3.677E-10
552	604	Qs	-6.293E-10	-7.713E-11	3.677E-10
552	603	Qs	-1.044E-09	-5.369E-10	3.234E-10
552	577	T+	0.	0.	0.
552	578	T+	0.	0.	0.
552	604	T+	0.	0.	0.
552	603	T+	0.	0.	0.
552	577	T-	0.	0.	0.
552	578	T-	0.	0.	0.
552	604	T-	0.	0.	0.
552	603	T-	0.	0.	0.
552	577	W	-3.5408	1.768	-0.506
552	578	W	-2.9733	-0.0634	-0.4379
552	604	W	-3.3361	0.4369	-0.8258

Table 27: Element Forces - Area Shells, Part 2 of 3

Area	Joint	OutputCase	M11	M22	M12
			KN-mm/mm	KN-mm/mm	KN-mm/mm
552	603	W	-4.2046	0.7356	-0.8939
552	577	Qm-1	1.8826	-0.01	-0.5103
552	578	Qm-1	1.7289	4.991E-04	-0.5563
552	604	Qm-1	0.937	0.0027	-0.5096
552	603	Qm-1	0.9789	-0.1306	-0.4636
552	577	Qm-2	0.425	0.0259	0.1013
552	578	Qm-2	0.3505	0.0067	0.0821
552	604	Qm-2	0.3162	-0.0029	0.0915
552	603	Qm-2	0.3104	0.0977	0.1106
553	579	DEAD	0.	0.	0.
553	580	DEAD	0.	0.	0.
553	606	DEAD	0.	0.	0.
553	605	DEAD	0.	0.	0.
553	579	G1	9.890E-09	-1.435E-09	-5.379E-09
553	580	G1	9.330E-09	-3.663E-09	-6.088E-09
553	606	G1	-1.060E-09	-7.242E-09	-6.088E-09
553	605	G1	2.725E-09	3.740E-09	-5.379E-09
553	579	G2	-0.288	-6.484E-04	-0.1553
553	580	G2	-0.2863	-0.0075	-0.1536
553	606	G2	-0.1256	0.0617	-0.1348
553	605	G2	-0.0438	0.0033	-0.1364
553	579	Qm	0.9428	-7.114E-04	-0.1906
553	580	Qm	0.9077	0.1224	-0.2256
553	606	Qm	0.4952	0.127	-0.1989
553	605	Qm	0.5379	-9.790E-04	-0.1639
553	579	Qs	-9.246E-10	3.088E-11	-1.408E-10
553	580	Qs	-1.243E-09	-5.259E-10	-1.408E-10
553	606	Qs	-8.110E-10	-5.316E-10	-1.408E-10
553	605	Qs	-8.859E-10	1.308E-10	-1.408E-10
553	579	T+	0.	0.	0.
553	580	T+	0.	0.	0.
553	606	T+	0.	0.	0.
553	605	T+	0.	0.	0.
553	579	T-	0.	0.	0.
553	580	T-	0.	0.	0.
553	606	T-	0.	0.	0.
553	605	T-	0.	0.	0.
553	579	W	-5.1156	0.0253	-0.4078
553	580	W	-5.1871	-0.6327	-0.1339
553	606	W	-4.6431	-2.2593	-0.9276
553	605	W	-7.9652	-0.1238	-1.2014
553	579	Qm-1	1.1413	-9.334E-04	-0.1671
553	580	Qm-1	1.1078	0.1115	-0.2091
553	606	Qm-1	0.5894	0.1073	-0.185
553	605	Qm-1	0.6275	-0.0013	-0.1429
553	579	Qm-2	0.0355	-1.332E-04	0.013
553	580	Qm-2	0.0407	0.0063	0.0104
553	606	Qm-2	0.0051	0.0051	0.0094
553	605	Qm-2	0.0033	-1.263E-04	0.012
554	580	DEAD	0.	0.	0.
554	581	DEAD	0.	0.	0.
554	607	DEAD	0.	0.	0.
554	606	DEAD	0.	0.	0.
554	580	G1	9.840E-09	-6.385E-10	-6.552E-09

Table 27: Element Forces - Area Shells, Part 2 of 3

Area	Joint	OutputCase	M11	M22	M12
			KN-mm/mm	KN-mm/mm	KN-mm/mm
554	581	G1	3.020E-09	-1.587E-08	-7.616E-09
554	607	G1	-3.415E-09	-8.396E-09	-6.552E-09
554	606	G1	-1.277E-10	-7.138E-09	-5.488E-09
554	580	G2	-0.2862	-0.0068	-0.1514
554	581	G2	-0.2958	-0.0698	-0.1565
554	607	G2	-0.1174	-0.0442	-0.1633
554	606	G2	-0.126	0.0599	-0.1581
554	580	Qm	0.9077	0.1224	-0.2652
554	581	Qm	0.8664	0.3242	-0.2984
554	607	Qm	0.4474	0.3128	-0.2637
554	606	Qm	0.4952	0.1271	-0.2305
554	580	Qs	-1.237E-09	-6.655E-10	-1.152E-10
554	581	Qs	-1.208E-09	-1.063E-09	-1.152E-10
554	607	Qs	-1.159E-09	-1.142E-09	-1.152E-10
554	606	Qs	-8.039E-10	-4.372E-10	-1.152E-10
554	580	T+	0.	0.	0.
554	581	T+	0.	0.	0.
554	607	T+	0.	0.	0.
554	606	T+	0.	0.	0.
554	580	T-	0.	0.	0.
554	581	T-	0.	0.	0.
554	607	T-	0.	0.	0.
554	606	T-	0.	0.	0.
554	580	W	-5.1819	-0.6068	-0.0683
554	581	W	-4.4965	-0.4543	0.1016
554	607	W	-5.7441	0.2549	0.2992
554	606	W	-4.6459	-2.2735	0.1294
554	580	Qm-1	1.1078	0.1116	-0.2546
554	581	Qm-1	1.0611	0.3031	-0.2897
554	607	Qm-1	0.5424	0.2681	-0.2555
554	606	Qm-1	0.5895	0.1076	-0.2204
554	580	Qm-2	0.0407	0.006	0.0068
554	581	Qm-2	0.0463	0.0432	0.006
554	607	Qm-2	0.0042	0.0322	0.0077
554	606	Qm-2	0.0051	0.0051	0.0085
555	581	DEAD	0.	0.	0.
555	582	DEAD	0.	0.	0.
555	608	DEAD	0.	0.	0.
555	607	DEAD	0.	0.	0.
555	581	G1	4.907E-09	-1.056E-08	-9.309E-09
555	582	G1	5.360E-10	-1.355E-08	-8.954E-09
555	608	G1	-8.747E-09	-2.031E-08	-7.891E-09
555	607	G1	-3.454E-09	-9.026E-09	-8.245E-09
555	581	G2	-0.2959	-0.0704	-0.1537
555	582	G2	-0.2916	-0.1645	-0.1418
555	608	G2	-0.1496	-0.1807	-0.1456
555	607	G2	-0.118	-0.0474	-0.1575
555	581	Qm	0.8664	0.3243	-0.3308
555	582	Qm	0.8182	0.5893	-0.3525
555	608	Qm	0.3972	0.5364	-0.3116
555	607	Qm	0.4475	0.3133	-0.29
555	581	Qs	-1.174E-09	-1.304E-09	-1.664E-10
555	582	Qs	-1.435E-09	-1.687E-09	-1.664E-10
555	608	Qs	-1.160E-09	-1.766E-09	-1.664E-10

Table 27: Element Forces - Area Shells, Part 2 of 3

Area	Joint	OutputCase	M11	M22	M12
			KN-mm/mm	KN-mm/mm	KN-mm/mm
555	607	Qs	-1.216E-09	-1.124E-09	-1.664E-10
555	581	T+	0.	0.	0.
555	582	T+	0.	0.	0.
555	608	T+	0.	0.	0.
555	607	T+	0.	0.	0.
555	581	T-	0.	0.	0.
555	582	T-	0.	0.	0.
555	608	T-	0.	0.	0.
555	607	T-	0.	0.	0.
555	581	W	-4.485	-0.3968	0.1952
555	582	W	-4.4126	0.0924	0.0827
555	608	W	-3.5785	0.01	-0.3734
555	607	W	-5.7679	0.1359	-0.2609
555	581	Qm-1	1.0614	0.3044	-0.3193
555	582	Qm-1	1.008	0.5355	-0.337
555	608	Qm-1	0.4976	0.4503	-0.2993
555	607	Qm-1	0.5426	0.2689	-0.2816
555	581	Qm-2	0.0463	0.0435	0.006
555	582	Qm-2	0.0449	0.1044	0.0115
555	608	Qm-2	0.0028	0.0722	0.0163
555	607	Qm-2	0.0043	0.0324	0.0108
556	582	DEAD	0.	0.	0.
556	583	DEAD	0.	0.	0.
556	609	DEAD	0.	0.	0.
556	608	DEAD	0.	0.	0.
556	582	G1	5.859E-10	-1.589E-08	-8.805E-09
556	583	G1	-7.087E-09	-2.249E-08	-9.869E-09
556	609	G1	-9.211E-09	-2.232E-08	-8.805E-09
556	608	G1	-7.220E-09	-1.465E-08	-7.741E-09
556	582	G2	-0.2917	-0.1649	-0.126
556	583	G2	-0.2977	-0.2502	-0.1081
556	609	G2	-0.1722	-0.2694	-0.1093
556	608	G2	-0.1492	-0.1785	-0.1273
556	582	Qm	0.8183	0.5899	-0.3657
556	583	Qm	0.7675	0.8775	-0.3668
556	609	Qm	0.3489	0.7676	-0.3245
556	608	Qm	0.3974	0.5371	-0.3234
556	582	Qs	-1.407E-09	-1.904E-09	-1.698E-10
556	583	Qs	-1.967E-09	-2.677E-09	-2.363E-10
556	609	Qs	-1.085E-09	-2.226E-09	-2.141E-10
556	608	Qs	-1.197E-09	-1.818E-09	-1.476E-10
556	582	T+	0.	0.	0.
556	583	T+	0.	0.	0.
556	609	T+	0.	0.	0.
556	608	T+	0.	0.	0.
556	582	T-	0.	0.	0.
556	583	T-	0.	0.	0.
556	609	T-	0.	0.	0.
556	608	T-	0.	0.	0.
556	582	W	-4.4215	0.0481	0.0028
556	583	W	-3.9575	0.2029	0.1258
556	609	W	-3.1674	-0.0705	-0.0534
556	608	W	-3.5686	0.0594	-0.1764
556	582	Qm-1	1.0081	0.5362	-0.3407

Table 27: Element Forces - Area Shells, Part 2 of 3

Area	Joint	OutputCase	M11	M22	M12
			KN-mm/mm	KN-mm/mm	KN-mm/mm
556	583	Qm-1	0.9738	0.7423	-0.3401
556	609	Qm-1	0.4631	0.6202	-0.3101
556	608	Qm-1	0.4977	0.451	-0.3107
556	582	Qm-2	0.045	0.1051	0.0224
556	583	Qm-2	0.05	0.152	0.0342
556	609	Qm-2	0.005	0.1107	0.0362
556	608	Qm-2	0.0028	0.0725	0.0245
557	583	DEAD	0.	0.	0.
557	584	DEAD	0.	0.	0.
557	610	DEAD	0.	0.	0.
557	609	DEAD	0.	0.	0.
557	583	G1	-8.016E-09	-2.079E-08	-9.596E-09
557	584	G1	-5.592E-09	-1.856E-08	-9.112E-09
557	610	G1	-8.902E-09	-2.203E-08	-9.242E-09
557	609	G1	-7.410E-09	-2.126E-08	-9.112E-09
557	583	G2	-0.2977	-0.25	-0.0894
557	584	G2	-0.3051	-0.3149	-0.0707
557	610	G2	-0.1831	-0.3356	-0.0724
557	609	G2	-0.1723	-0.2694	-0.0911
557	583	Qm	0.7676	0.8784	-0.3526
557	584	Qm	0.7269	1.1296	-0.3311
557	610	Qm	0.3117	0.9696	-0.296
557	609	Qm	0.3491	0.7685	-0.3174
557	583	Qs	-1.925E-09	-2.538E-09	-2.914E-10
557	584	Qs	-1.902E-09	-2.911E-09	-2.670E-10
557	610	Qs	-1.247E-09	-2.535E-09	-3.357E-10
557	609	Qs	-1.040E-09	-2.392E-09	-2.449E-10
557	583	T+	0.	0.	0.
557	584	T+	0.	0.	0.
557	610	T+	0.	0.	0.
557	609	T+	0.	0.	0.
557	583	T-	0.	0.	0.
557	584	T-	0.	0.	0.
557	610	T-	0.	0.	0.
557	609	T-	0.	0.	0.
557	583	W	-3.958	0.2006	0.2069
557	584	W	-3.9252	0.3243	0.3805
557	610	W	-3.1216	0.0743	0.3753
557	609	W	-3.166	-0.0636	0.2017
557	583	Qm-1	0.9738	0.7422	-0.3266
557	584	Qm-1	0.9663	0.8869	-0.317
557	610	Qm-1	0.4435	0.7562	-0.2997
557	609	Qm-1	0.4631	0.6204	-0.3092
557	583	Qm-2	0.05	0.152	0.0496
557	584	Qm-2	0.0667	0.1732	0.0613
557	610	Qm-2	0.0131	0.1389	0.0582
557	609	Qm-2	0.005	0.1106	0.0465
558	584	DEAD	0.	0.	0.
558	585	DEAD	0.	0.	0.
558	611	DEAD	0.	0.	0.
558	610	DEAD	0.	0.	0.
558	584	G1	-4.904E-09	-1.972E-08	-9.234E-09
558	585	G1	-1.039E-08	-2.447E-08	-8.265E-09
558	611	G1	-1.040E-08	-2.486E-08	-8.170E-09

Table 27: Element Forces - Area Shells, Part 2 of 3

Area	Joint	OutputCase	M11	M22	M12
			KN-mm/mm	KN-mm/mm	KN-mm/mm
558	610	G1	-7.992E-09	-1.889E-08	-7.911E-09
558	584	G2	-0.3051	-0.3149	-0.052
558	585	G2	-0.3117	-0.3584	-0.0336
558	611	G2	-0.185	-0.3763	-0.0353
558	610	G2	-0.1831	-0.3356	-0.0537
558	584	Qm	0.727	1.1302	-0.2921
558	585	Qm	0.7105	1.2912	-0.2557
558	611	Qm	0.2958	1.1103	-0.2364
558	610	Qm	0.3119	0.9702	-0.2728
558	584	Qs	-1.913E-09	-2.621E-09	-3.276E-10
558	585	Qs	-2.193E-09	-3.361E-09	-2.530E-10
558	611	Qs	-1.206E-09	-2.879E-09	-2.611E-10
558	610	Qs	-1.229E-09	-2.729E-09	-2.973E-10
558	584	T+	0.	0.	0.
558	585	T+	0.	0.	0.
558	611	T+	0.	0.	0.
558	610	T+	0.	0.	0.
558	584	T-	0.	0.	0.
558	585	T-	0.	0.	0.
558	611	T-	0.	0.	0.
558	610	T-	0.	0.	0.
558	584	W	-3.9256	0.3225	0.4753
558	585	W	-4.1989	0.5603	0.6353
558	611	W	-3.4368	0.3543	0.7795
558	610	W	-3.1217	0.0739	0.6195
558	584	Qm-1	0.9661	0.8862	-0.3022
558	585	Qm-1	0.9727	0.9849	-0.2919
558	611	Qm-1	0.4344	0.8535	-0.2832
558	610	Qm-1	0.4434	0.756	-0.2935
558	584	Qm-2	0.0665	0.1723	0.0718
558	585	Qm-2	0.0874	0.1815	0.0781
558	611	Qm-2	0.0229	0.161	0.073
558	610	Qm-2	0.0131	0.1387	0.0667
559	585	DEAD	0.	0.	0.
559	586	DEAD	0.	0.	0.
559	612	DEAD	0.	0.	0.
559	611	DEAD	0.	0.	0.
559	585	G1	-8.545E-09	-1.981E-08	-6.368E-09
559	586	G1	-7.962E-09	-3.348E-08	-5.304E-09
559	612	G1	-1.595E-08	-3.448E-08	-5.304E-09
559	611	G1	-1.146E-08	-2.864E-08	-6.368E-09
559	585	G2	-0.3118	-0.3587	-0.0161
559	586	G2	-0.321	-0.3783	8.633E-04
559	612	G2	-0.1771	-0.3877	-1.462E-04
559	611	G2	-0.185	-0.3763	-0.0171
559	585	Qm	0.7105	1.2912	-0.2066
559	586	Qm	0.725	1.3418	-0.1698
559	612	Qm	0.3053	1.1793	-0.1699
559	611	Qm	0.2958	1.1103	-0.2066
559	585	Qs	-2.082E-09	-3.027E-09	-2.525E-10
559	586	Qs	-1.840E-09	-3.770E-09	-1.920E-10
559	612	Qs	-1.741E-09	-3.650E-09	-2.082E-10
559	611	Qs	-1.364E-09	-3.382E-09	-1.920E-10
559	585	T+	0.	0.	0.

Table 27: Element Forces - Area Shells, Part 2 of 3

Area	Joint	OutputCase	M11	M22	M12
			KN-mm/mm	KN-mm/mm	KN-mm/mm
559	586	T+	0.	0.	0.
559	612	T+	0.	0.	0.
559	611	T+	0.	0.	0.
559	585	T-	0.	0.	0.
559	586	T-	0.	0.	0.
559	612	T-	0.	0.	0.
559	611	T-	0.	0.	0.
559	585	W	-4.1981	0.5645	0.6693
559	586	W	-5.0463	0.6348	0.7136
559	612	W	-4.1203	0.9841	1.0619
559	611	W	-3.4398	0.3396	1.0176
559	585	Qm-1	0.9727	0.985	-0.2798
559	586	Qm-1	0.9736	1.0578	-0.2671
559	612	Qm-1	0.4338	0.9128	-0.2617
559	611	Qm-1	0.4344	0.8535	-0.2744
559	585	Qm-2	0.0874	0.1816	0.0803
559	586	Qm-2	0.0932	0.2093	0.0852
559	612	Qm-2	0.0336	0.1814	0.0838
559	611	Qm-2	0.0229	0.161	0.0789
560	586	DEAD	0.	0.	0.
560	587	DEAD	0.	0.	0.
560	613	DEAD	0.	0.	0.
560	612	DEAD	0.	0.	0.
560	586	G1	-8.501E-09	-3.329E-08	-5.344E-09
560	587	G1	-1.525E-08	-4.319E-08	-4.020E-09
560	613	G1	-1.351E-08	-4.237E-08	-4.280E-09
560	612	G1	-1.605E-08	-3.654E-08	-4.375E-09
560	586	G2	-0.3209	-0.3778	0.0137
560	587	G2	-0.3419	-0.3823	0.0227
560	613	G2	-0.1678	-0.3494	0.0265
560	612	G2	-0.1776	-0.39	0.0176
560	586	Qm	0.7249	1.3412	-0.1304
560	587	Qm	0.7652	1.3093	-0.108
560	613	Qm	0.3359	1.1942	-0.1234
560	612	Qm	0.3052	1.1787	-0.1459
560	586	Qs	-1.801E-09	-3.830E-09	-2.559E-10
560	587	Qs	-2.591E-09	-4.586E-09	-2.397E-10
560	613	Qs	-1.457E-09	-4.439E-09	-2.559E-10
560	612	Qs	-1.862E-09	-3.669E-09	-1.954E-10
560	586	T+	0.	0.	0.
560	587	T+	0.	0.	0.
560	613	T+	0.	0.	0.
560	612	T+	0.	0.	0.
560	586	T-	0.	0.	0.
560	587	T-	0.	0.	0.
560	613	T-	0.	0.	0.
560	612	T-	0.	0.	0.
560	586	W	-5.0282	0.7256	0.4222
560	587	W	-4.8176	-0.0176	1.725E-04
560	613	W	-8.069	1.3743	0.7642
560	612	W	-4.1397	0.887	1.1863
560	586	Qm-1	0.9737	1.0586	-0.2473
560	587	Qm-1	0.9907	1.0859	-0.2301
560	613	Qm-1	0.4425	0.9312	-0.2336

Table 27: Element Forces - Area Shells, Part 2 of 3

Area	Joint	OutputCase	M11	M22	M12
			KN-mm/mm	KN-mm/mm	KN-mm/mm
560	612	Qm-1	0.4339	0.9131	-0.2508
560	586	Qm-2	0.0934	0.2103	0.0931
560	587	Qm-2	0.1068	0.2273	0.1003
560	613	Qm-2	0.0466	0.1976	0.0962
560	612	Qm-2	0.0336	0.1816	0.089
561	587	DEAD	0.	0.	0.
561	588	DEAD	0.	0.	0.
561	614	DEAD	0.	0.	0.
561	613	DEAD	0.	0.	0.
561	587	G1	-1.562E-08	-4.435E-08	-4.280E-09
561	588	G1	-1.265E-08	-4.963E-08	-4.634E-09
561	614	G1	-1.535E-08	-5.153E-08	-5.344E-09
561	613	G1	-1.433E-08	-4.103E-08	-4.989E-09
561	587	G2	-0.3417	-0.3816	0.0193
561	588	G2	-0.3487	-0.4095	0.0072
561	614	G2	-0.2088	-0.3242	0.0171
561	613	G2	-0.1671	-0.346	0.0292
561	587	Qm	0.765	1.3084	-0.0929
561	588	Qm	0.8182	1.2554	-0.0923
561	614	Qm	0.3766	1.1938	-0.1141
561	613	Qm	0.3357	1.1933	-0.1147
561	587	Qs	-2.567E-09	-4.718E-09	-2.884E-10
561	588	Qs	-2.284E-09	-4.755E-09	-3.549E-10
561	614	Qs	-1.744E-09	-4.859E-09	-3.771E-10
561	613	Qs	-1.500E-09	-4.026E-09	-3.106E-10
561	587	T+	0.	0.	0.
561	588	T+	0.	0.	0.
561	614	T+	0.	0.	0.
561	613	T+	0.	0.	0.
561	587	T-	0.	0.	0.
561	588	T-	0.	0.	0.
561	614	T-	0.	0.	0.
561	613	T-	0.	0.	0.
561	587	W	-4.8427	-0.1427	0.0878
561	588	W	-5.434	-0.1677	0.2938
561	614	W	-4.9978	-3.4793	-0.426
561	613	W	-8.0174	1.6322	-0.6321
561	587	Qm-1	0.9908	1.0861	-0.2053
561	588	Qm-1	1.0442	1.0538	-0.1896
561	614	Qm-1	0.4592	0.9065	-0.2065
561	613	Qm-1	0.4425	0.931	-0.2223
561	587	Qm-2	0.1069	0.2275	0.1103
561	588	Qm-2	0.1393	0.2227	0.1141
561	614	Qm-2	0.0657	0.2077	0.1036
561	613	Qm-2	0.0466	0.1975	0.0998
562	588	DEAD	0.	0.	0.
562	589	DEAD	0.	0.	0.
562	615	DEAD	0.	0.	0.
562	614	DEAD	0.	0.	0.
562	588	G1	-1.278E-08	-5.259E-08	-4.996E-09
562	589	G1	-1.207E-08	-6.152E-08	-5.836E-09
562	615	G1	-1.606E-08	-6.154E-08	-6.060E-09
562	614	G1	-1.593E-08	-5.207E-08	-5.836E-09
562	588	G2	-0.3487	-0.4096	-9.452E-04

Table 27: Element Forces - Area Shells, Part 2 of 3

Area	Joint	OutputCase	M11	M22	M12
			KN-mm/mm	KN-mm/mm	KN-mm/mm
562	589	G2	-0.3538	-0.477	-0.0129
562	615	G2	-0.175	-0.4412	-0.0266
562	614	G2	-0.2088	-0.3242	-0.0146
562	588	Qm	0.818	1.2548	-0.1043
562	589	Qm	0.8731	1.2465	-0.1237
562	615	Qm	0.416	1.2213	-0.1425
562	614	Qm	0.3765	1.193	-0.1232
562	588	Qs	-2.385E-09	-5.010E-09	-3.908E-10
562	589	Qs	-2.599E-09	-5.555E-09	-4.794E-10
562	615	Qs	-1.510E-09	-5.021E-09	-4.794E-10
562	614	Qs	-1.743E-09	-4.865E-09	-3.908E-10
562	588	T+	0.	0.	0.
562	589	T+	0.	0.	0.
562	615	T+	0.	0.	0.
562	614	T+	0.	0.	0.
562	588	T-	0.	0.	0.
562	589	T-	0.	0.	0.
562	615	T-	0.	0.	0.
562	614	T-	0.	0.	0.
562	588	W	-5.4341	-0.1681	0.5406
562	589	W	-4.9522	0.4343	0.7456
562	615	W	-8.1166	2.2162	1.5574
562	614	W	-4.9979	-3.4796	1.3524
562	588	Qm-1	1.044	1.0531	-0.1736
562	589	Qm-1	1.112	0.9942	-0.1638
562	615	Qm-1	0.481	0.851	-0.1872
562	614	Qm-1	0.459	0.9058	-0.1971
562	588	Qm-2	0.1392	0.2223	0.1155
562	589	Qm-2	0.1921	0.214	0.1088
562	615	Qm-2	0.0812	0.2246	0.0949
562	614	Qm-2	0.0656	0.2068	0.1016
563	589	DEAD	0.	0.	0.
563	590	DEAD	0.	0.	0.
563	616	DEAD	0.	0.	0.
563	615	DEAD	0.	0.	0.
563	589	G1	-1.216E-08	-6.355E-08	-6.744E-09
563	590	G1	-3.563E-09	-6.057E-08	-7.583E-09
563	616	G1	-1.548E-08	-6.422E-08	-9.227E-09
563	615	G1	-1.571E-08	-5.853E-08	-9.002E-09
563	589	G2	-0.3539	-0.4777	-0.0161
563	590	G2	-0.3449	-0.5648	-0.0068
563	616	G2	-0.1932	-0.5764	-0.0142
563	615	G2	-0.1757	-0.4447	-0.0235
563	589	Qm	0.873	1.2464	-0.1543
563	590	Qm	0.9285	1.3287	-0.1839
563	616	Qm	0.4449	1.308	-0.1944
563	615	Qm	0.4159	1.2209	-0.1649
563	589	Qs	-2.624E-09	-5.501E-09	-5.734E-10
563	590	Qs	-2.040E-09	-5.309E-09	-5.955E-10
563	616	Qs	-1.698E-09	-5.130E-09	-7.064E-10
563	615	Qs	-1.514E-09	-4.938E-09	-6.842E-10
563	589	T+	0.	0.	0.
563	590	T+	0.	0.	0.
563	616	T+	0.	0.	0.

Table 27: Element Forces - Area Shells, Part 2 of 3

Area	Joint	OutputCase	M11	M22	M12
			KN-mm/mm	KN-mm/mm	KN-mm/mm
563	615	T+	0.	0.	0.
563	589	T-	0.	0.	0.
563	590	T-	0.	0.	0.
563	616	T-	0.	0.	0.
563	615	T-	0.	0.	0.
563	589	W	-4.9274	0.5585	0.8265
563	590	W	-5.2715	1.8746	0.4
563	616	W	-4.3568	2.0573	-0.2634
563	615	W	-8.1682	1.9578	0.1631
563	589	Qm-1	1.1118	0.993	-0.1538
563	590	Qm-1	1.2481	0.9884	-0.1364
563	616	Qm-1	0.4451	0.7616	-0.1613
563	615	Qm-1	0.4807	0.8496	-0.1786
563	589	Qm-2	0.1912	0.2095	0.0909
563	590	Qm-2	0.2347	0.2894	0.0841
563	616	Qm-2	0.0687	0.251	0.0821
563	615	Qm-2	0.0813	0.2249	0.0889
564	590	DEAD	0.	0.	0.
564	591	DEAD	0.	0.	0.
564	617	DEAD	0.	0.	0.
564	616	DEAD	0.	0.	0.
564	590	G1	-3.766E-10	-5.769E-08	-7.179E-09
564	591	G1	-1.254E-08	-5.667E-08	-4.212E-09
564	617	G1	-8.223E-09	-6.394E-08	-4.697E-09
564	616	G1	-1.671E-08	-6.687E-08	-7.049E-09
564	590	G2	-0.345	-0.5653	0.0062
564	591	G2	-0.3479	-0.6295	0.0236
564	617	G2	-0.2077	-0.6455	0.0216
564	616	G2	-0.1927	-0.5741	0.0043
564	590	Qm	0.9285	1.3288	-0.2184
564	591	Qm	0.9907	1.5236	-0.2416
564	617	Qm	0.457	1.4522	-0.243
564	616	Qm	0.445	1.3082	-0.2198
564	590	Qs	-2.099E-09	-5.100E-09	-6.859E-10
564	591	Qs	-2.377E-09	-4.840E-09	-6.113E-10
564	617	Qs	-1.262E-09	-4.640E-09	-6.194E-10
564	616	Qs	-1.603E-09	-5.231E-09	-6.556E-10
564	590	T+	0.	0.	0.
564	591	T+	0.	0.	0.
564	617	T+	0.	0.	0.
564	616	T+	0.	0.	0.
564	590	T-	0.	0.	0.
564	591	T-	0.	0.	0.
564	617	T-	0.	0.	0.
564	616	T-	0.	0.	0.
564	590	W	-5.2898	1.7831	0.0873
564	591	W	-4.6255	2.2675	0.1156
564	617	W	-3.8568	2.1059	-0.1047
564	616	W	-4.3377	2.1528	-0.1331
564	590	Qm-1	1.2481	0.9884	-0.1177
564	591	Qm-1	1.1523	1.0258	-0.0199
564	617	Qm-1	0.4371	0.4731	-0.0087
564	616	Qm-1	0.4464	0.7681	-0.1066
564	590	Qm-2	0.2359	0.2954	0.0801

Table 27: Element Forces - Area Shells, Part 2 of 3

Area	Joint	OutputCase	M11	M22	M12
			KN-mm/mm	KN-mm/mm	KN-mm/mm
564	591	Qm-2	0.1629	0.3546	0.1048
564	617	Qm-2	0.0712	0.2274	0.121
564	616	Qm-2	0.069	0.2523	0.0963
565	591	DEAD	0.	0.	0.
565	592	DEAD	0.	0.	0.
565	618	DEAD	0.	0.	0.
565	617	DEAD	0.	0.	0.
565	591	G1	-1.126E-08	-5.716E-08	-1.372E-10
565	592	G1	-4.340E-09	-7.544E-08	1.827E-10
565	618	G1	-8.066E-09	-7.631E-08	-1.910E-09
565	617	G1	-7.843E-09	-6.103E-08	-4.073E-09
565	591	G2	-0.3479	-0.6293	0.041
565	592	G2	-0.3541	-0.6579	0.0596
565	618	G2	-0.2121	-0.6745	0.0594
565	617	G2	-0.2077	-0.6455	0.0408
565	591	Qm	0.9908	1.5238	-0.2585
565	592	Qm	1.0457	1.7397	-0.2632
565	618	Qm	0.4606	1.6092	-0.2599
565	617	Qm	0.4572	1.4531	-0.2552
565	591	Qs	-2.391E-09	-5.066E-09	-6.164E-10
565	592	Qs	-1.960E-09	-4.562E-09	-6.608E-10
565	618	Qs	-1.299E-09	-4.595E-09	-7.273E-10
565	617	Qs	-1.236E-09	-4.470E-09	-6.829E-10
565	591	T+	0.	0.	0.
565	592	T+	0.	0.	0.
565	618	T+	0.	0.	0.
565	617	T+	0.	0.	0.
565	591	T-	0.	0.	0.
565	592	T-	0.	0.	0.
565	618	T-	0.	0.	0.
565	617	T-	0.	0.	0.
565	591	W	-4.6271	2.2594	0.1052
565	592	W	-4.6095	2.5672	0.2267
565	618	W	-3.8419	2.431	0.2463
565	617	W	-3.8539	2.1205	0.1248
565	591	Qm-1	1.1523	1.0259	0.1724
565	592	Qm-1	1.2203	0.0558	0.2611
565	618	Qm-1	0.4598	-0.112	0.1775
565	617	Qm-1	0.4371	0.4729	0.0888
565	591	Qm-2	0.1629	0.3546	0.1623
565	592	Qm-2	0.2162	0.164	0.1868
565	618	Qm-2	0.0652	0.1251	0.1648
565	617	Qm-2	0.0712	0.2275	0.1403
566	592	DEAD	0.	0.	0.
566	593	DEAD	0.	0.	0.
566	619	DEAD	0.	0.	0.
566	618	DEAD	0.	0.	0.
566	592	G1	-2.761E-09	-7.418E-08	-4.644E-10
566	593	G1	-4.323E-09	-9.349E-08	5.045E-10
566	619	G1	-8.834E-09	-9.497E-08	-1.174E-09
566	618	G1	-9.421E-09	-7.536E-08	-9.141E-10
566	592	G2	-0.3541	-0.6582	0.0772
566	593	G2	-0.3636	-0.6495	0.0952
566	619	G2	-0.2057	-0.6594	0.0968

Table 27: Element Forces - Area Shells, Part 2 of 3

Area	Joint	OutputCase	M11	M22	M12
			KN-mm/mm	KN-mm/mm	KN-mm/mm
566	618	G2	-0.2121	-0.6745	0.0788
566	592	Qm	1.0457	1.7399	-0.2587
566	593	Qm	1.0783	1.8804	-0.2495
566	619	Qm	0.4641	1.7266	-0.2463
566	618	Qm	0.4607	1.6097	-0.2555
566	592	Qs	-1.884E-09	-4.826E-09	-6.987E-10
566	593	Qs	-1.822E-09	-4.500E-09	-6.403E-10
566	619	Qs	-1.512E-09	-4.898E-09	-6.322E-10
566	618	Qs	-1.387E-09	-4.519E-09	-7.290E-10
566	592	T+	0.	0.	0.
566	593	T+	0.	0.	0.
566	619	T+	0.	0.	0.
566	618	T+	0.	0.	0.
566	592	T-	0.	0.	0.
566	593	T-	0.	0.	0.
566	619	T-	0.	0.	0.
566	618	T-	0.	0.	0.
566	592	W	-4.6079	2.5752	0.2146
566	593	W	-5.2381	2.7031	0.2399
566	619	W	-4.3029	3.0806	0.4996
566	618	W	-3.8449	2.4163	0.4744
566	592	Qm-1	1.2203	0.0558	0.2604
566	593	Qm-1	1.067	-0.8264	0.248
566	619	Qm-1	0.5098	-0.8556	0.2018
566	618	Qm-1	0.4584	-0.1191	0.2142
566	592	Qm-2	0.215	0.1583	0.183
566	593	Qm-2	0.1565	-0.0546	0.1744
566	619	Qm-2	0.0779	-0.0244	0.1688
566	618	Qm-2	0.065	0.1238	0.1775
567	593	DEAD	0.	0.	0.
567	594	DEAD	0.	0.	0.
567	620	DEAD	0.	0.	0.
567	619	DEAD	0.	0.	0.
567	593	G1	-4.407E-09	-9.318E-08	-2.670E-10
567	594	G1	-7.574E-09	-1.161E-07	-1.201E-09
567	620	G1	-8.928E-09	-1.105E-07	-2.395E-09
567	619	G1	-1.152E-08	-9.429E-08	-8.465E-10
567	593	G2	-0.3635	-0.649	0.109
567	594	G2	-0.3844	-0.6123	0.1195
567	620	G2	-0.1969	-0.5811	0.1268
567	619	G2	-0.2061	-0.6617	0.1163
567	593	Qm	1.0783	1.8805	-0.2363
567	594	Qm	1.0933	1.9471	-0.2215
567	620	Qm	0.4642	1.7813	-0.2196
567	619	Qm	0.4641	1.7267	-0.2344
567	593	Qs	-1.905E-09	-4.708E-09	-5.776E-10
567	594	Qs	-1.707E-09	-5.024E-09	-5.695E-10
567	620	Qs	-1.650E-09	-4.963E-09	-5.998E-10
567	619	Qs	-1.425E-09	-4.609E-09	-5.695E-10
567	593	T+	0.	0.	0.
567	594	T+	0.	0.	0.
567	620	T+	0.	0.	0.
567	619	T+	0.	0.	0.
567	593	T-	0.	0.	0.

Table 27: Element Forces - Area Shells, Part 2 of 3

Area	Joint	OutputCase	M11	M22	M12
			KN-mm/mm	KN-mm/mm	KN-mm/mm
567	594	T-	0.	0.	0.
567	620	T-	0.	0.	0.
567	619	T-	0.	0.	0.
567	593	W	-5.2198	2.7946	-0.0778
567	594	W	-4.8456	2.0807	-0.5105
567	620	W	-8.1138	3.4927	0.1929
567	619	W	-4.322	2.9851	0.6256
567	593	Qm-1	1.067	-0.8265	0.2125
567	594	Qm-1	0.9945	-1.5394	0.168
567	620	Qm-1	0.502	-1.507	0.1278
567	619	Qm-1	0.5099	-0.8549	0.1724
567	593	Qm-2	0.1573	-0.0504	0.1537
567	594	Qm-2	0.1025	-0.1693	0.1391
567	620	Qm-2	0.0658	-0.1477	0.1429
567	619	Qm-2	0.0778	-0.0249	0.1575
568	594	DEAD	0.	0.	0.
568	595	DEAD	0.	0.	0.
568	621	DEAD	0.	0.	0.
568	620	DEAD	0.	0.	0.
568	594	G1	-3.543E-09	-1.104E-07	-1.823E-09
568	595	G1	-8.940E-09	-1.323E-07	-1.563E-09
568	621	G1	-9.971E-09	-1.224E-07	-2.887E-09
568	620	G1	-1.417E-08	-1.191E-07	-1.918E-09
568	594	G2	-0.3842	-0.6117	0.1175
568	595	G2	-0.3905	-0.5862	0.1073
568	621	G2	-0.2377	-0.5029	0.1214
568	620	G2	-0.1962	-0.5776	0.1316
568	594	Qm	1.0933	1.9472	-0.2041
568	595	Qm	1.094	1.9417	-0.1862
568	621	Qm	0.4595	1.7692	-0.1861
568	620	Qm	0.4643	1.7813	-0.2039
568	594	Qs	-1.638E-09	-4.806E-09	-5.579E-10
568	595	Qs	-1.836E-09	-5.283E-09	-4.449E-10
568	621	Qs	-1.643E-09	-5.033E-09	-4.914E-10
568	620	Qs	-1.623E-09	-5.214E-09	-4.893E-10
568	594	T+	0.	0.	0.
568	595	T+	0.	0.	0.
568	621	T+	0.	0.	0.
568	620	T+	0.	0.	0.
568	594	T-	0.	0.	0.
568	595	T-	0.	0.	0.
568	621	T-	0.	0.	0.
568	620	T-	0.	0.	0.
568	594	W	-4.8704	1.9564	-0.4377
568	595	W	-5.3298	1.9396	-0.2415
568	621	W	-4.9289	-1.3548	-1.0121
568	620	W	-8.0621	3.751	-1.2082
568	594	Qm-1	0.9945	-1.5394	0.1081
568	595	Qm-1	0.9291	-2.0775	0.049
568	621	Qm-1	0.4912	-2.0123	0.0214
568	620	Qm-1	0.502	-1.5071	0.0805
568	594	Qm-2	0.1025	-0.1695	0.127
568	595	Qm-2	0.0692	-0.2482	0.1162
568	621	Qm-2	0.0515	-0.2298	0.1195

Table 27: Element Forces - Area Shells, Part 2 of 3

Area	Joint	OutputCase	M11	M22	M12
			KN-mm/mm	KN-mm/mm	KN-mm/mm
568	620	Qm-2	0.066	-0.1471	0.1302
569	595	DEAD	0.	0.	0.
569	596	DEAD	0.	0.	0.
569	622	DEAD	0.	0.	0.
569	621	DEAD	0.	0.	0.
569	595	G1	-4.994E-09	-1.240E-07	-3.693E-09
569	596	G1	-8.845E-09	-1.388E-07	-4.887E-09
569	622	G1	-9.826E-09	-1.344E-07	-5.112E-09
569	621	G1	-1.350E-08	-1.259E-07	-4.532E-09
569	595	G2	-0.3905	-0.5862	0.1007
569	596	G2	-0.394	-0.5879	0.0907
569	622	G2	-0.2028	-0.5544	0.0819
569	621	G2	-0.2377	-0.5029	0.0919
569	595	Qm	1.094	1.9417	-0.1662
569	596	Qm	1.0826	1.8667	-0.1464
569	622	Qm	0.4497	1.6907	-0.1484
569	621	Qm	0.4595	1.7693	-0.1682
569	595	Qs	-1.680E-09	-4.874E-09	-3.967E-10
569	596	Qs	-2.041E-09	-5.584E-09	-4.351E-10
569	622	Qs	-1.455E-09	-5.082E-09	-3.967E-10
569	621	Qs	-1.637E-09	-5.356E-09	-4.351E-10
569	595	T+	0.	0.	0.
569	596	T+	0.	0.	0.
569	622	T+	0.	0.	0.
569	621	T+	0.	0.	0.
569	595	T-	0.	0.	0.
569	596	T-	0.	0.	0.
569	622	T-	0.	0.	0.
569	621	T-	0.	0.	0.
569	595	W	-5.3297	1.9399	-0.006
569	596	W	-4.7275	2.527	0.1889
569	622	W	-7.9438	4.3226	0.9526
569	621	W	-4.9288	-1.3546	0.7576
569	595	Qm-1	0.9291	-2.0775	-0.0196
569	596	Qm-1	0.8891	-2.4201	-0.0849
569	622	Qm-1	0.4771	-2.3415	-0.1016
569	621	Qm-1	0.4912	-2.0124	-0.0363
569	595	Qm-2	0.0692	-0.2482	0.108
569	596	Qm-2	0.053	-0.2933	0.0996
569	622	Qm-2	0.0437	-0.277	0.1008
569	621	Qm-2	0.0516	-0.2297	0.1091
570	596	DEAD	0.	0.	0.
570	597	DEAD	0.	0.	0.
570	623	DEAD	0.	0.	0.
570	622	DEAD	0.	0.	0.
570	596	G1	-8.114E-09	-1.339E-07	-5.816E-09
570	597	G1	-3.475E-09	-1.363E-07	-6.750E-09
570	623	G1	-1.374E-08	-1.302E-07	-6.879E-09
570	622	G1	-1.216E-08	-1.372E-07	-5.331E-09
570	596	G2	-0.3942	-0.5886	0.0891
570	597	G2	-0.3828	-0.5981	0.1004
570	623	G2	-0.2187	-0.6119	0.0985
570	622	G2	-0.2035	-0.5579	0.0873
570	596	Qm	1.0826	1.8667	-0.1248

Table 27: Element Forces - Area Shells, Part 2 of 3

Area	Joint	OutputCase	M11	M22	M12
			KN-mm/mm	KN-mm/mm	KN-mm/mm
570	597	Qm	1.0609	1.7262	-0.1037
570	623	Qm	0.4354	1.5491	-0.1079
570	622	Qm	0.4497	1.6907	-0.129
570	596	Qs	-1.881E-09	-5.032E-09	-3.357E-10
570	597	Qs	-1.561E-09	-5.090E-09	-3.216E-10
570	623	Qs	-1.737E-09	-4.844E-09	-2.914E-10
570	622	Qs	-1.511E-09	-5.506E-09	-3.438E-10
570	596	T+	0.	0.	0.
570	597	T+	0.	0.	0.
570	623	T+	0.	0.	0.
570	622	T+	0.	0.	0.
570	596	T-	0.	0.	0.
570	597	T-	0.	0.	0.
570	623	T-	0.	0.	0.
570	622	T-	0.	0.	0.
570	596	W	-4.7025	2.6519	0.263
570	597	W	-4.9223	3.9258	-0.1718
570	623	W	-4.0688	4.1121	-0.889
570	622	W	-7.9953	4.0647	-0.4542
570	596	Qm-1	0.8891	-2.4201	-0.1575
570	597	Qm-1	0.8706	-2.5559	-0.2246
570	623	Qm-1	0.4658	-2.4757	-0.2297
570	622	Qm-1	0.4771	-2.3415	-0.1626
570	596	Qm-2	0.053	-0.2933	0.0931
570	597	Qm-2	0.0527	-0.3067	0.0856
570	623	Qm-2	0.0445	-0.2904	0.0844
570	622	Qm-2	0.0437	-0.277	0.0919
571	597	DEAD	0.	0.	0.
571	598	DEAD	0.	0.	0.
571	624	DEAD	0.	0.	0.
571	623	DEAD	0.	0.	0.
571	597	G1	-3.633E-09	-1.350E-07	-8.081E-09
571	598	G1	-7.127E-09	-1.274E-07	-7.371E-09
571	624	G1	-1.321E-08	-1.329E-07	-6.662E-09
571	623	G1	-1.555E-08	-1.365E-07	-7.371E-09
571	597	G2	-0.3829	-0.5986	0.1151
571	598	G2	-0.3825	-0.5732	0.1343
571	624	G2	-0.2294	-0.5911	0.1384
571	623	G2	-0.2183	-0.6096	0.1191
571	597	Qm	1.0609	1.7262	-0.081
571	598	Qm	1.0298	1.526	-0.0591
571	624	Qm	0.4174	1.3504	-0.0655
571	623	Qm	0.4354	1.5491	-0.0874
571	597	Qs	-1.573E-09	-4.977E-09	-2.934E-10
571	598	Qs	-1.727E-09	-4.678E-09	-1.383E-10
571	624	Qs	-1.708E-09	-5.323E-09	-1.161E-10
571	623	Qs	-1.774E-09	-5.113E-09	-2.713E-10
571	597	T+	0.	0.	0.
571	598	T+	0.	0.	0.
571	624	T+	0.	0.	0.
571	623	T+	0.	0.	0.
571	597	T-	0.	0.	0.
571	598	T-	0.	0.	0.
571	624	T-	0.	0.	0.

Table 27: Element Forces - Area Shells, Part 2 of 3

Area	Joint	OutputCase	M11	M22	M12
			KN-mm/mm	KN-mm/mm	KN-mm/mm
571	623	T-	0.	0.	0.
571	597	W	-4.9405	3.8351	-0.4806
571	598	W	-4.1288	4.2475	-0.4522
571	624	W	-3.3989	4.0617	-0.7458
571	623	W	-4.0495	4.2088	-0.7742
571	597	Qm-1	0.8706	-2.5559	-0.2975
571	598	Qm-1	0.8745	-2.4781	-0.3632
571	624	Qm-1	0.4577	-2.4076	-0.3562
571	623	Qm-1	0.4658	-2.4757	-0.2906
571	597	Qm-2	0.0528	-0.3066	0.0793
571	598	Qm-2	0.0691	-0.2888	0.0711
571	624	Qm-2	0.0544	-0.2702	0.0673
571	623	Qm-2	0.0445	-0.2904	0.0755
572	598	DEAD	0.	0.	0.
572	599	DEAD	0.	0.	0.
572	625	DEAD	0.	0.	0.
572	624	DEAD	0.	0.	0.
572	598	G1	-7.348E-09	-1.299E-07	-7.112E-09
572	599	G1	-5.389E-09	-1.116E-07	-7.112E-09
572	625	G1	-1.085E-08	-1.134E-07	-6.402E-09
572	624	G1	-1.235E-08	-1.294E-07	-6.402E-09
572	598	G2	-0.3824	-0.573	0.1535
572	599	G2	-0.3846	-0.5	0.174
572	625	G2	-0.2271	-0.5183	0.1801
572	624	G2	-0.2294	-0.5911	0.1595
572	598	Qm	1.0298	1.526	-0.0361
572	599	Qm	0.9898	1.2736	-0.0144
572	625	Qm	0.397	1.1036	-0.0226
572	624	Qm	0.4174	1.3504	-0.0443
572	598	Qs	-1.795E-09	-4.854E-09	-9.368E-12
572	599	Qs	-1.736E-09	-4.100E-09	3.496E-11
572	625	Qs	-1.371E-09	-4.064E-09	3.496E-11
572	624	Qs	-1.650E-09	-5.001E-09	-9.368E-12
572	598	T+	0.	0.	0.
572	599	T+	0.	0.	0.
572	625	T+	0.	0.	0.
572	624	T+	0.	0.	0.
572	598	T-	0.	0.	0.
572	599	T-	0.	0.	0.
572	625	T-	0.	0.	0.
572	624	T-	0.	0.	0.
572	598	W	-4.1299	4.242	-0.4384
572	599	W	-3.9234	4.4256	-0.3001
572	625	W	-3.116	4.2352	-0.3872
572	624	W	-3.3958	4.0773	-0.5254
572	598	Qm-1	0.8745	-2.4781	-0.4329
572	599	Qm-1	0.9057	-2.1843	-0.4932
572	625	Qm-1	0.4474	-2.1406	-0.4742
572	624	Qm-1	0.4577	-2.4076	-0.4139
572	598	Qm-2	0.0691	-0.2887	0.0635
572	599	Qm-2	0.1044	-0.2382	0.0529
572	625	Qm-2	0.0725	-0.2153	0.0462
572	624	Qm-2	0.0544	-0.2703	0.0568
573	599	DEAD	0.	0.	0.

Table 27: Element Forces - Area Shells, Part 2 of 3

Area	Joint	OutputCase	M11	M22	M12
			KN-mm/mm	KN-mm/mm	KN-mm/mm
573	600	DEAD	0.	0.	0.
573	626	DEAD	0.	0.	0.
573	625	DEAD	0.	0.	0.
573	599	G1	-7.451E-09	-1.130E-07	-8.238E-09
573	600	G1	-5.158E-10	-8.564E-08	-7.848E-09
573	626	G1	-9.800E-09	-9.179E-08	-7.529E-09
573	625	G1	-8.673E-09	-1.083E-07	-6.075E-09
573	599	G2	-0.3846	-0.5002	0.1938
573	600	G2	-0.3893	-0.3783	0.214
573	626	G2	-0.2085	-0.3893	0.2215
573	625	G2	-0.2271	-0.5182	0.2014
573	599	Qm	0.9898	1.2736	0.0075
573	600	Qm	0.941	0.9784	0.0274
573	626	Qm	0.3758	0.8211	0.0179
573	625	Qm	0.397	1.1036	-0.002
573	599	Qs	-1.756E-09	-4.004E-09	6.148E-11
573	600	Qs	-1.457E-09	-3.160E-09	2.107E-10
573	626	Qs	-1.445E-09	-3.516E-09	1.945E-10
573	625	Qs	-1.393E-09	-4.105E-09	1.220E-10
573	599	T+	0.	0.	0.
573	600	T+	0.	0.	0.
573	626	T+	0.	0.	0.
573	625	T+	0.	0.	0.
573	599	T-	0.	0.	0.
573	600	T-	0.	0.	0.
573	626	T-	0.	0.	0.
573	625	T-	0.	0.	0.
573	599	W	-3.9222	4.4315	-0.244
573	600	W	-4.1748	4.4887	-0.1441
573	626	W	-3.1625	4.575	-0.0652
573	625	W	-3.1173	4.2288	-0.1652
573	599	Qm-1	0.9057	-2.1843	-0.5562
573	600	Qm-1	0.9468	-1.6803	-0.6042
573	626	Qm-1	0.4352	-1.6875	-0.5704
573	625	Qm-1	0.4474	-2.1407	-0.5224
573	599	Qm-2	0.1044	-0.2379	0.0418
573	600	Qm-2	0.1648	-0.1486	0.0272
573	626	Qm-2	0.0907	-0.1219	0.0184
573	625	Qm-2	0.0723	-0.2159	0.033
574	600	DEAD	0.	0.	0.
574	601	DEAD	0.	0.	0.
574	627	DEAD	0.	0.	0.
574	626	DEAD	0.	0.	0.
574	600	G1	-1.060E-09	-8.797E-08	-8.627E-09
574	601	G1	6.452E-09	-5.908E-08	-8.592E-09
574	627	G1	-1.228E-08	-6.532E-08	-8.982E-09
574	626	G1	-8.576E-09	-8.422E-08	-7.174E-09
574	600	G2	-0.3893	-0.378	0.2306
574	601	G2	-0.407	-0.2176	0.2437
574	627	G2	-0.1763	-0.1846	0.2559
574	626	G2	-0.2089	-0.3914	0.2428
574	600	Qm	0.941	0.9783	0.0458
574	601	Qm	0.8826	0.6515	0.0603
574	627	Qm	0.3573	0.5208	0.0502

Table 27: Element Forces - Area Shells, Part 2 of 3

Area	Joint	OutputCase	M11	M22	M12
			KN-mm/mm	KN-mm/mm	KN-mm/mm
574	626	Qm	0.3758	0.8211	0.0356
574	600	Qs	-1.418E-09	-3.271E-09	2.176E-10
574	601	Qs	-1.440E-09	-2.564E-09	2.559E-10
574	627	Qs	-1.122E-09	-2.520E-09	2.176E-10
574	626	Qs	-1.489E-09	-3.212E-09	2.559E-10
574	600	T+	0.	0.	0.
574	601	T+	0.	0.	0.
574	627	T+	0.	0.	0.
574	626	T+	0.	0.	0.
574	600	T-	0.	0.	0.
574	601	T-	0.	0.	0.
574	627	T-	0.	0.	0.
574	626	T-	0.	0.	0.
574	600	W	-4.1666	4.5299	-0.2483
574	601	W	-4.1446	4.0474	-0.406
574	627	W	-4.9358	4.848	-0.0499
574	626	W	-3.172	4.5274	0.1079
574	600	Qm-1	0.9468	-1.6804	-0.6471
574	601	Qm-1	1.0721	-0.9558	-0.6677
574	627	Qm-1	0.3624	-1.0931	-0.6237
574	626	Qm-1	0.4351	-1.6884	-0.6031
574	600	Qm-2	0.164	-0.1528	0.0075
574	601	Qm-2	0.2338	0.0289	-0.0016
574	627	Qm-2	0.0883	-0.0028	-0.0031
574	626	Qm-2	0.0908	-0.1213	0.0059
575	601	DEAD	0.	0.	0.
575	602	DEAD	0.	0.	0.
575	628	DEAD	0.	0.	0.
575	627	DEAD	0.	0.	0.
575	601	G1	7.625E-09	-5.470E-08	-8.790E-09
575	602	G1	6.880E-09	-2.559E-08	-7.726E-09
575	628	G1	-6.295E-09	-3.386E-08	-5.953E-09
575	627	G1	-1.138E-08	-6.266E-08	-7.017E-09
575	601	G2	-0.4068	-0.2164	0.2437
575	602	G2	-0.4194	-0.0697	0.2318
575	628	G2	-0.1836	0.0473	0.2518
575	627	G2	-0.176	-0.1832	0.2636
575	601	Qm	0.8826	0.6514	0.0694
575	602	Qm	0.8128	0.3048	0.0689
575	628	Qm	0.3466	0.24	0.0596
575	627	Qm	0.3573	0.5203	0.0601
575	601	Qs	-1.311E-09	-2.047E-09	2.623E-10
575	602	Qs	-1.181E-09	-1.787E-09	2.321E-10
575	628	Qs	-9.873E-10	-1.423E-09	2.623E-10
575	627	Qs	-1.089E-09	-2.460E-09	2.542E-10
575	601	T+	0.	0.	0.
575	602	T+	0.	0.	0.
575	628	T+	0.	0.	0.
575	627	T+	0.	0.	0.
575	601	T-	0.	0.	0.
575	602	T-	0.	0.	0.
575	628	T-	0.	0.	0.
575	627	T-	0.	0.	0.
575	601	W	-4.1411	4.0654	-0.4391

Table 27: Element Forces - Area Shells, Part 2 of 3

Area	Joint	OutputCase	M11	M22	M12
			KN-mm/mm	KN-mm/mm	KN-mm/mm
575	602	W	-4.4406	3.0481	-0.6815
575	628	W	-4.0274	3.3832	-0.9117
575	627	W	-4.9423	4.8157	-0.6694
575	601	Qm-1	1.072	-0.956	-0.6838
575	602	Qm-1	0.9783	-0.0752	-0.6124
575	628	Qm-1	0.3127	-0.5622	-0.5237
575	627	Qm-1	0.3638	-1.0864	-0.5951
575	601	Qm-2	0.2349	0.0347	-0.0046
575	602	Qm-2	0.201	0.1928	0.0186
575	628	Qm-2	0.111	0.0701	0.0306
575	627	Qm-2	0.0886	-0.0016	0.0073
576	602	DEAD	0.	0.	0.
576	603	DEAD	0.	0.	0.
576	629	DEAD	0.	0.	0.
576	628	DEAD	0.	0.	0.
576	602	G1	6.819E-09	-2.863E-08	-4.395E-09
576	603	G1	1.197E-08	-1.408E-08	-2.622E-09
576	629	G1	1.688E-10	-1.506E-08	-2.976E-09
576	628	G1	-7.669E-09	-3.567E-08	-4.750E-09
576	602	G2	-0.4193	-0.0691	0.217
576	603	G2	-0.4137	0.0065	0.1909
576	629	G2	-0.1485	0.1126	0.1883
576	628	G2	-0.1829	0.0506	0.2144
576	602	Qm	0.8128	0.3047	0.0546
576	603	Qm	0.7511	0.0507	0.0326
576	629	Qm	0.3362	0.0456	0.0289
576	628	Qm	0.3464	0.2391	0.0509
576	602	Qs	-1.106E-09	-1.604E-09	2.956E-10
576	603	Qs	-9.207E-10	-7.493E-10	2.572E-10
576	629	Qs	-5.434E-10	-6.534E-10	2.291E-10
576	628	Qs	-9.013E-10	-1.450E-09	1.907E-10
576	602	T+	0.	0.	0.
576	603	T+	0.	0.	0.
576	629	T+	0.	0.	0.
576	628	T+	0.	0.	0.
576	602	T-	0.	0.	0.
576	603	T-	0.	0.	0.
576	629	T-	0.	0.	0.
576	628	T-	0.	0.	0.
576	602	W	-4.5198	2.652	-1.1047
576	603	W	-3.6663	2.6944	-0.7078
576	629	W	-6.4194	-1.4819	-0.5883
576	628	W	-3.8007	4.5167	-0.9851
576	602	Qm-1	0.9783	-0.0753	-0.4494
576	603	Qm-1	1.0565	-0.115	-0.3849
576	629	Qm-1	0.2717	-0.2274	-0.3804
576	628	Qm-1	0.3127	-0.5623	-0.4448
576	602	Qm-2	0.2011	0.193	0.0765
576	603	Qm-2	0.3064	0.1026	0.0991
576	629	Qm-2	0.1319	0.0643	0.0688
576	628	Qm-2	0.111	0.07	0.0462
577	603	DEAD	0.	0.	0.
577	604	DEAD	0.	0.	0.
577	630	DEAD	0.	0.	0.

Table 27: Element Forces - Area Shells, Part 2 of 3

Area	Joint	OutputCase	M11	M22	M12
			KN-mm/mm	KN-mm/mm	KN-mm/mm
577	629	DEAD	0.	0.	0.
577	603	G1	1.169E-08	-9.497E-09	-3.276E-09
577	604	G1	9.972E-09	-3.467E-09	-4.340E-09
577	630	G1	1.314E-09	1.409E-09	-3.276E-09
577	629	G1	5.734E-10	-1.322E-08	-2.212E-09
577	603	G2	-0.4139	0.0052	0.183
577	604	G2	-0.4042	-4.030E-04	0.1858
577	630	G2	-0.0659	0.0012	0.1617
577	629	G2	-0.1489	0.1109	0.1589
577	603	Qm	0.7511	0.0506	-0.0031
577	604	Qm	0.7156	-6.977E-04	-0.0357
577	630	Qm	0.3214	-0.001	-0.0293
577	629	Qm	0.3361	0.0453	0.0033
577	603	Qs	-7.696E-10	-4.883E-10	2.943E-10
577	604	Qs	-7.782E-10	-1.060E-10	3.165E-10
577	630	Qs	-3.069E-10	9.635E-11	2.943E-10
577	629	Qs	-6.535E-10	-6.795E-10	2.722E-10
577	603	T+	0.	0.	0.
577	604	T+	0.	0.	0.
577	630	T+	0.	0.	0.
577	629	T+	0.	0.	0.
577	603	T-	0.	0.	0.
577	604	T-	0.	0.	0.
577	630	T-	0.	0.	0.
577	629	T-	0.	0.	0.
577	603	W	-4.0519	0.7661	-0.763
577	604	W	-3.4835	0.4074	-1.7456
577	630	W	-3.7576	-1.0999	-2.4176
577	629	W	-4.7644	6.7928	-1.435
577	603	Qm-1	1.0565	-0.115	-0.417
577	604	Qm-1	0.9003	-0.0046	-0.4536
577	630	Qm-1	0.231	-0.0015	-0.3985
577	629	Qm-1	0.2704	-0.2339	-0.362
577	603	Qm-2	0.3052	0.0967	0.0957
577	604	Qm-2	0.312	-0.0038	0.0889
577	630	Qm-2	0.1771	4.795E-04	0.0712
577	629	Qm-2	0.1318	0.0634	0.078
578	605	DEAD	0.	0.	0.
578	606	DEAD	0.	0.	0.
578	632	DEAD	0.	0.	0.
578	631	DEAD	0.	0.	0.
578	605	G1	7.649E-09	4.021E-09	-4.750E-09
578	606	G1	-3.303E-09	-7.346E-09	-4.040E-09
578	632	G1	-1.173E-09	-6.043E-09	-2.622E-09
578	631	G1	-5.104E-10	-1.893E-09	-3.331E-09
578	605	G2	-0.0393	0.0042	-0.0939
578	606	G2	-0.132	0.0605	-0.1116
578	632	G2	0.2425	0.2668	-0.0981
578	631	G2	0.1491	-0.0046	-0.0804
578	605	Qm	0.5368	-0.0012	-0.1393
578	606	Qm	0.4961	0.1272	-0.1674
578	632	Qm	0.19	0.1381	-0.1378
578	631	Qm	0.2384	0.0017	-0.1097
578	605	Qs	-5.793E-10	2.706E-10	-1.945E-10

Table 27: Element Forces - Area Shells, Part 2 of 3

Area	Joint	OutputCase	M11	M22	M12
			KN-mm/mm	KN-mm/mm	KN-mm/mm
578	606	Qs	-8.380E-10	-6.064E-10	-1.058E-10
578	632	Qs	-5.405E-10	-5.329E-10	-6.148E-11
578	631	Qs	-3.393E-10	-1.742E-10	-1.501E-10
578	605	T+	0.	0.	0.
578	606	T+	0.	0.	0.
578	632	T+	0.	0.	0.
578	631	T+	0.	0.	0.
578	605	T-	0.	0.	0.
578	606	T-	0.	0.	0.
578	632	T-	0.	0.	0.
578	631	T-	0.	0.	0.
578	605	W	-10.0306	-0.5368	-1.9738
578	606	W	-2.7862	-1.8879	-2.2972
578	632	W	-21.1177	-3.0576	1.4569
578	631	W	5.3468	1.5946	1.7803
578	605	Qm-1	0.6267	-0.0014	-0.123
578	606	Qm-1	0.5904	0.1075	-0.1556
578	632	Qm-1	0.2182	0.1131	-0.1301
578	631	Qm-1	0.2601	0.0016	-0.0975
578	605	Qm-2	0.0032	-1.333E-04	0.0103
578	606	Qm-2	0.005	0.0051	0.0101
578	632	Qm-2	-0.0093	8.073E-04	0.0094
578	631	Qm-2	-0.012	-5.073E-04	0.0097
579	606	DEAD	0.	0.	0.
579	607	DEAD	0.	0.	0.
579	633	DEAD	0.	0.	0.
579	632	DEAD	0.	0.	0.
579	606	G1	-2.411E-09	-6.871E-09	-4.560E-09
579	607	G1	-2.370E-09	-7.942E-09	-5.978E-09
579	633	G1	-3.962E-09	-7.181E-09	-5.269E-09
579	632	G1	-1.085E-09	-2.578E-09	-3.850E-09
579	606	G2	-0.1323	0.0587	-0.1592
579	607	G2	-0.1142	-0.0435	-0.1757
579	633	G2	0.026	-0.0716	-0.1528
579	632	G2	0.2431	0.2694	-0.1362
579	606	Qm	0.4962	0.1273	-0.1982
579	607	Qm	0.4476	0.3128	-0.2263
579	633	Qm	0.1566	0.317	-0.194
579	632	Qm	0.1901	0.1386	-0.1659
579	606	Qs	-8.550E-10	-4.957E-10	-2.902E-11
579	607	Qs	-1.058E-09	-1.088E-09	-7.336E-11
579	633	Qs	-4.727E-10	-8.448E-10	-7.336E-11
579	632	Qs	-5.764E-10	-4.062E-10	-2.902E-11
579	606	T+	0.	0.	0.
579	607	T+	0.	0.	0.
579	633	T+	0.	0.	0.
579	632	T+	0.	0.	0.
579	606	T-	0.	0.	0.
579	607	T-	0.	0.	0.
579	633	T-	0.	0.	0.
579	632	T-	0.	0.	0.
579	606	W	-2.7891	-1.9022	0.6314
579	607	W	-6.8844	0.0269	0.3208
579	633	W	1.8831	0.7875	-3.3773

Table 27: Element Forces - Area Shells, Part 2 of 3

Area	Joint	OutputCase	M11	M22	M12
			KN-mm/mm	KN-mm/mm	KN-mm/mm
579	632	W	-21.1232	-3.085	-3.0666
579	606	Qm-1	0.5904	0.1078	-0.1902
579	607	Qm-1	0.5427	0.2682	-0.2205
579	633	Qm-1	0.1877	0.2618	-0.1913
579	632	Qm-1	0.2184	0.114	-0.161
579	606	Qm-2	0.005	0.0051	0.0093
579	607	Qm-2	0.0045	0.0322	0.0116
579	633	Qm-2	-0.0106	0.0199	0.0139
579	632	Qm-2	-0.0094	6.868E-04	0.0116
580	607	DEAD	0.	0.	0.
580	608	DEAD	0.	0.	0.
580	634	DEAD	0.	0.	0.
580	633	DEAD	0.	0.	0.
580	607	G1	-3.453E-09	-8.723E-09	-6.402E-09
580	608	G1	-7.509E-09	-1.979E-08	-7.466E-09
580	634	G1	-5.403E-09	-1.528E-08	-7.112E-09
580	633	G1	-5.647E-09	-7.289E-09	-6.048E-09
580	607	G2	-0.1148	-0.0467	-0.156
580	608	G2	-0.149	-0.1806	-0.1412
580	634	G2	-0.0441	-0.1835	-0.1297
580	633	G2	0.0273	-0.0654	-0.1445
580	607	Qm	0.4477	0.3133	-0.2524
580	608	Qm	0.3974	0.5364	-0.2713
580	634	Qm	0.1238	0.5111	-0.2366
580	633	Qm	0.1563	0.3159	-0.2178
580	607	Qs	-1.079E-09	-1.181E-09	-1.348E-10
580	608	Qs	-1.214E-09	-1.699E-09	-2.013E-10
580	634	Qs	-4.390E-10	-1.572E-09	-2.235E-10
580	633	Qs	-5.245E-10	-7.760E-10	-1.570E-10
580	607	T+	0.	0.	0.
580	608	T+	0.	0.	0.
580	634	T+	0.	0.	0.
580	633	T+	0.	0.	0.
580	607	T-	0.	0.	0.
580	608	T-	0.	0.	0.
580	634	T-	0.	0.	0.
580	633	T-	0.	0.	0.
580	607	W	-6.9082	-0.0922	-1.359
580	608	W	-3.1553	0.0947	-1.0043
580	634	W	-3.1359	-0.6725	-0.7936
580	633	W	1.8721	0.7323	-1.1483
580	607	Qm-1	0.5428	0.2689	-0.2467
580	608	Qm-1	0.4972	0.4502	-0.2666
580	634	Qm-1	0.1596	0.4154	-0.2373
580	633	Qm-1	0.1875	0.261	-0.2174
580	607	Qm-2	0.0045	0.0325	0.0148
580	608	Qm-2	0.0026	0.0722	0.0205
580	634	Qm-2	-0.0123	0.0513	0.0243
580	633	Qm-2	-0.0106	0.02	0.0186
581	608	DEAD	0.	0.	0.
581	609	DEAD	0.	0.	0.
581	635	DEAD	0.	0.	0.
581	634	DEAD	0.	0.	0.
581	608	G1	-6.114E-09	-1.486E-08	-8.340E-09

Table 27: Element Forces - Area Shells, Part 2 of 3

Area	Joint	OutputCase	M11	M22	M12
			KN-mm/mm	KN-mm/mm	KN-mm/mm
581	609	G1	-8.177E-09	-2.123E-08	-7.986E-09
581	635	G1	-9.217E-09	-2.187E-08	-7.631E-09
581	634	G1	-3.699E-09	-1.480E-08	-7.986E-09
581	608	G2	-0.1486	-0.1784	-0.124
581	609	G2	-0.172	-0.2693	-0.1095
581	635	G2	-0.0706	-0.2879	-0.1072
581	634	G2	-0.0451	-0.1886	-0.1218
581	608	Qm	0.3976	0.5371	-0.2829
581	609	Qm	0.3488	0.7676	-0.2869
581	635	Qm	0.0929	0.7071	-0.2525
581	634	Qm	0.1237	0.5107	-0.2486
581	608	Qs	-1.235E-09	-1.862E-09	-2.244E-10
581	609	Qs	-1.109E-09	-2.201E-09	-2.466E-10
581	635	Qs	-7.724E-10	-2.341E-09	-3.131E-10
581	634	Qs	-3.803E-10	-1.483E-09	-2.909E-10
581	608	T+	0.	0.	0.
581	609	T+	0.	0.	0.
581	635	T+	0.	0.	0.
581	634	T+	0.	0.	0.
581	608	T-	0.	0.	0.
581	609	T-	0.	0.	0.
581	635	T-	0.	0.	0.
581	634	T-	0.	0.	0.
581	608	W	-3.1454	0.144	-0.4058
581	609	W	-3.3224	-0.1015	-0.0693
581	635	W	-1.5003	-0.5086	-0.3766
581	634	W	-3.1412	-0.6988	-0.7131
581	608	Qm-1	0.4973	0.4509	-0.2782
581	609	Qm-1	0.4625	0.6201	-0.2861
581	635	Qm-1	0.1365	0.5616	-0.2609
581	634	Qm-1	0.1595	0.415	-0.253
581	608	Qm-2	0.0026	0.0724	0.0285
581	609	Qm-2	0.0047	0.1106	0.0368
581	635	Qm-2	-0.0122	0.0852	0.0393
581	634	Qm-2	-0.0123	0.0514	0.031
582	609	DEAD	0.	0.	0.
582	610	DEAD	0.	0.	0.
582	636	DEAD	0.	0.	0.
582	635	DEAD	0.	0.	0.
582	609	G1	-1.019E-08	-2.206E-08	-8.900E-09
582	610	G1	-7.849E-09	-2.238E-08	-8.545E-09
582	636	G1	-1.228E-08	-2.396E-08	-7.481E-09
582	635	G1	-6.253E-09	-1.865E-08	-7.836E-09
582	609	G2	-0.172	-0.2694	-0.0915
582	610	G2	-0.183	-0.3356	-0.0743
582	636	G2	-0.08	-0.3575	-0.0758
582	635	G2	-0.0707	-0.2887	-0.0929
582	609	Qm	0.349	0.7684	-0.28
582	610	Qm	0.3114	0.9695	-0.2691
582	636	Qm	0.0693	0.8794	-0.2408
582	635	Qm	0.0928	0.7068	-0.2517
582	609	Qs	-1.014E-09	-2.387E-09	-2.606E-10
582	610	Qs	-1.205E-09	-2.614E-09	-2.606E-10
582	636	Qs	-1.016E-09	-2.733E-09	-2.385E-10

Table 27: Element Forces - Area Shells, Part 2 of 3

Area	Joint	OutputCase	M11	M22	M12
			KN-mm/mm	KN-mm/mm	KN-mm/mm
582	635	Qs	-7.480E-10	-2.123E-09	-2.385E-10
582	609	T+	0.	0.	0.
582	610	T+	0.	0.	0.
582	636	T+	0.	0.	0.
582	635	T+	0.	0.	0.
582	609	T-	0.	0.	0.
582	610	T-	0.	0.	0.
582	636	T-	0.	0.	0.
582	635	T-	0.	0.	0.
582	609	W	-3.321	-0.0946	0.0878
582	610	W	-3.0061	0.0974	0.4158
582	636	W	-1.913	-0.4847	0.4452
582	635	W	-1.4994	-0.5044	0.1171
582	609	Qm-1	0.4626	0.6203	-0.2857
582	610	Qm-1	0.4432	0.7561	-0.2855
582	636	Qm-1	0.1205	0.6844	-0.2673
582	635	Qm-1	0.1364	0.5612	-0.2675
582	609	Qm-2	0.0047	0.1106	0.0469
582	610	Qm-2	0.0129	0.1389	0.0554
582	636	Qm-2	-0.0093	0.1157	0.0556
582	635	Qm-2	-0.0122	0.0852	0.0471
583	610	DEAD	0.	0.	0.
583	611	DEAD	0.	0.	0.
583	637	DEAD	0.	0.	0.
583	636	DEAD	0.	0.	0.
583	610	G1	-9.768E-09	-1.959E-08	-7.214E-09
583	611	G1	-1.355E-08	-2.578E-08	-6.989E-09
583	637	G1	-7.995E-09	-2.561E-08	-6.505E-09
583	636	G1	-1.204E-08	-2.357E-08	-7.344E-09
583	610	G2	-0.183	-0.3356	-0.0558
583	611	G2	-0.1847	-0.3763	-0.0384
583	637	G2	-0.0785	-0.3962	-0.0416
583	636	G2	-0.08	-0.3576	-0.0591
583	610	Qm	0.3115	0.9701	-0.2465
583	611	Qm	0.2953	1.1102	-0.2261
583	637	Qm	0.0586	1.0075	-0.2093
583	636	Qm	0.0692	0.8792	-0.2297
583	610	Qs	-1.188E-09	-2.734E-09	-2.240E-10
583	611	Qs	-1.514E-09	-2.954E-09	-2.321E-10
583	637	Qs	-5.983E-10	-2.975E-09	-2.240E-10
583	636	Qs	-1.079E-09	-2.640E-09	-2.542E-10
583	610	T+	0.	0.	0.
583	611	T+	0.	0.	0.
583	637	T+	0.	0.	0.
583	636	T+	0.	0.	0.
583	610	T-	0.	0.	0.
583	611	T-	0.	0.	0.
583	637	T-	0.	0.	0.
583	636	T-	0.	0.	0.
583	610	W	-3.0062	0.097	0.7249
583	611	W	-3.6921	0.3032	1.0525
583	637	W	-1.4552	-0.0181	1.128
583	636	W	-1.9137	-0.4882	0.8004
583	610	Qm-1	0.4432	0.7559	-0.2793

Table 27: Element Forces - Area Shells, Part 2 of 3

Area	Joint	OutputCase	M11	M22	M12
			KN-mm/mm	KN-mm/mm	KN-mm/mm
583	611	Qm-1	0.4348	0.8536	-0.2749
583	637	Qm-1	0.1112	0.7747	-0.2633
583	636	Qm-1	0.1204	0.684	-0.2678
583	610	Qm-2	0.0129	0.1387	0.0638
583	611	Qm-2	0.0236	0.1612	0.0706
583	637	Qm-2	-0.0045	0.1416	0.0694
583	636	Qm-2	-0.0093	0.1157	0.0626
584	611	DEAD	0.	0.	0.
584	612	DEAD	0.	0.	0.
584	638	DEAD	0.	0.	0.
584	637	DEAD	0.	0.	0.
584	611	G1	-1.551E-08	-3.011E-08	-6.505E-09
584	612	G1	-1.286E-08	-3.292E-08	-5.051E-09
584	638	G1	-6.910E-09	-3.286E-08	-7.214E-09
584	637	G1	-7.718E-09	-2.636E-08	-6.825E-09
584	611	G2	-0.1847	-0.3763	-0.0203
584	612	G2	-0.1765	-0.3876	-0.0048
584	638	G2	-0.063	-0.3989	-0.0103
584	637	G2	-0.0784	-0.3958	-0.0259
584	611	Qm	0.2953	1.1102	-0.197
584	612	Qm	0.3049	1.1792	-0.1761
584	638	Qm	0.0629	1.0856	-0.1729
584	637	Qm	0.0585	1.0074	-0.1938
584	611	Qs	-1.568E-09	-3.414E-09	-1.958E-10
584	612	Qs	-1.513E-09	-3.575E-09	-2.099E-10
584	638	Qs	-4.957E-10	-3.372E-09	-3.288E-10
584	637	Qs	-5.934E-10	-2.966E-09	-2.764E-10
584	611	T+	0.	0.	0.
584	612	T+	0.	0.	0.
584	638	T+	0.	0.	0.
584	637	T+	0.	0.	0.
584	611	T-	0.	0.	0.
584	612	T-	0.	0.	0.
584	638	T-	0.	0.	0.
584	637	T-	0.	0.	0.
584	611	W	-3.695	0.2885	1.118
584	612	W	-3.371	1.134	1.4569
584	638	W	-4.4377	0.0569	2.0491
584	637	W	-1.457	-0.0269	1.7102
584	611	Qm-1	0.4348	0.8536	-0.2661
584	612	Qm-1	0.4336	0.9128	-0.2591
584	638	Qm-1	0.107	0.8284	-0.2533
584	637	Qm-1	0.1111	0.7744	-0.2603
584	611	Qm-2	0.0236	0.1611	0.0766
584	612	Qm-2	0.0333	0.1813	0.0817
584	638	Qm-2	0.0015	0.1639	0.0802
584	637	Qm-2	-0.0045	0.1417	0.075
585	612	DEAD	0.	0.	0.
585	613	DEAD	0.	0.	0.
585	639	DEAD	0.	0.	0.
585	638	DEAD	0.	0.	0.
585	612	G1	-1.450E-08	-3.677E-08	-5.508E-09
585	613	G1	-1.175E-08	-4.186E-08	-5.154E-09
585	639	G1	-8.786E-09	-4.222E-08	-6.572E-09

Table 27: Element Forces - Area Shells, Part 2 of 3

Area	Joint	OutputCase	M11	M22	M12
			KN-mm/mm	KN-mm/mm	KN-mm/mm
585	638	G1	-6.248E-09	-3.459E-08	-6.927E-09
585	612	G2	-0.177	-0.3899	0.0119
585	613	G2	-0.1649	-0.3489	0.0282
585	639	G2	-0.0071	-0.3681	0.017
585	638	G2	-0.0621	-0.3943	7.210E-04
585	612	Qm	0.3048	1.1787	-0.1526
585	613	Qm	0.3357	1.1942	-0.1398
585	639	Qm	0.0795	1.1265	-0.1474
585	638	Qm	0.0629	1.0855	-0.1601
585	612	Qs	-1.519E-09	-3.584E-09	-2.372E-10
585	613	Qs	-1.465E-09	-4.417E-09	-2.594E-10
585	639	Qs	-7.401E-10	-3.947E-09	-3.259E-10
585	638	Qs	-4.726E-10	-3.580E-09	-3.037E-10
585	612	T+	0.	0.	0.
585	613	T+	0.	0.	0.
585	639	T+	0.	0.	0.
585	638	T+	0.	0.	0.
585	612	T-	0.	0.	0.
585	613	T-	0.	0.	0.
585	639	T-	0.	0.	0.
585	638	T-	0.	0.	0.
585	612	W	-3.3904	1.0368	2.3304
585	613	W	-10.0636	0.9754	2.6814
585	639	W	5.1572	3.049	2.1948
585	638	W	-4.426	0.1156	1.8438
585	612	Qm-1	0.4337	0.913	-0.2482
585	613	Qm-1	0.4414	0.9309	-0.2398
585	639	Qm-1	0.1063	0.8431	-0.2399
585	638	Qm-1	0.107	0.8282	-0.2483
585	612	Qm-2	0.0333	0.1815	0.0869
585	613	Qm-2	0.0462	0.1975	0.0906
585	639	Qm-2	0.0084	0.183	0.088
585	638	Qm-2	0.0015	0.164	0.0842
586	613	DEAD	0.	0.	0.
586	614	DEAD	0.	0.	0.
586	640	DEAD	0.	0.	0.
586	639	DEAD	0.	0.	0.
586	613	G1	-1.066E-08	-4.067E-08	-5.099E-09
586	614	G1	-1.608E-08	-5.236E-08	-5.454E-09
586	640	G1	-3.830E-09	-4.590E-08	-6.163E-09
586	639	G1	-9.612E-09	-4.234E-08	-5.808E-09
586	613	G2	-0.1642	-0.3454	0.0453
586	614	G2	-0.216	-0.3257	0.0278
586	640	G2	0.1707	-0.1026	0.0135
586	639	G2	-0.0088	-0.3764	0.0309
586	613	Qm	0.3355	1.1933	-0.1311
586	614	Qm	0.3767	1.1938	-0.1316
586	640	Qm	0.1014	1.1567	-0.1435
586	639	Qm	0.0795	1.1264	-0.143
586	613	Qs	-1.402E-09	-3.967E-09	-3.221E-10
586	614	Qs	-1.814E-09	-5.007E-09	-3.280E-10
586	640	Qs	-1.497E-10	-4.022E-09	-4.329E-10
586	639	Qs	-6.781E-10	-4.115E-09	-3.502E-10
586	613	T+	0.	0.	0.

Table 27: Element Forces - Area Shells, Part 2 of 3

Area	Joint	OutputCase	M11	M22	M12
			KN-mm/mm	KN-mm/mm	KN-mm/mm
586	614	T+	0.	0.	0.
586	640	T+	0.	0.	0.
586	639	T+	0.	0.	0.
586	613	T-	0.	0.	0.
586	614	T-	0.	0.	0.
586	640	T-	0.	0.	0.
586	639	T-	0.	0.	0.
586	613	W	-10.0121	1.2332	-0.7675
586	614	W	-2.1318	-2.9061	-1.8203
586	640	W	-37.3458	-3.7829	4.9357
586	639	W	5.1792	3.1588	5.9884
586	613	Qm-1	0.4414	0.9308	-0.2285
586	614	Qm-1	0.4596	0.9066	-0.2202
586	640	Qm-1	0.1042	0.8165	-0.2257
586	639	Qm-1	0.1062	0.8427	-0.234
586	613	Qm-2	0.0462	0.1974	0.0941
586	614	Qm-2	0.0652	0.2076	0.0949
586	640	Qm-2	0.0144	0.2001	0.0909
586	639	Qm-2	0.0083	0.183	0.09
587	614	DEAD	0.	0.	0.
587	615	DEAD	0.	0.	0.
587	641	DEAD	0.	0.	0.
587	640	DEAD	0.	0.	0.
587	614	G1	-1.642E-08	-5.314E-08	-7.304E-09
587	615	G1	-1.208E-08	-5.935E-08	-7.624E-09
587	641	G1	-5.871E-09	-5.464E-08	-9.077E-09
587	640	G1	-3.528E-09	-4.636E-08	-6.914E-09
587	614	G2	-0.216	-0.3257	-0.03
587	615	G2	-0.1722	-0.4406	-0.0472
587	641	G2	-0.0126	-0.472	-0.0383
587	640	G2	0.1707	-0.1026	-0.0212
587	614	Qm	0.3765	1.193	-0.1404
587	615	Qm	0.416	1.2213	-0.1534
587	641	Qm	0.1202	1.2059	-0.1623
587	640	Qm	0.1014	1.1567	-0.1493
587	614	Qs	-1.692E-09	-4.811E-09	-4.966E-10
587	615	Qs	-1.384E-09	-4.975E-09	-5.469E-10
587	641	Qs	-6.419E-10	-4.747E-09	-6.296E-10
587	640	Qs	-2.011E-10	-4.180E-09	-5.025E-10
587	614	T+	0.	0.	0.
587	615	T+	0.	0.	0.
587	641	T+	0.	0.	0.
587	640	T+	0.	0.	0.
587	614	T-	0.	0.	0.
587	615	T-	0.	0.	0.
587	641	T-	0.	0.	0.
587	640	T-	0.	0.	0.
587	614	W	-2.1319	-2.9064	2.8322
587	615	W	-10.1047	1.8186	1.7831
587	641	W	5.1151	3.7325	-4.8919
587	640	W	-37.346	-3.7837	-3.8428
587	614	Qm-1	0.4595	0.9059	-0.2112
587	615	Qm-1	0.4774	0.8503	-0.2003
587	641	Qm-1	0.0905	0.7392	-0.2067

Table 27: Element Forces - Area Shells, Part 2 of 3

Area	Joint	OutputCase	M11	M22	M12
			KN-mm/mm	KN-mm/mm	KN-mm/mm
587	640	Qm-1	0.1041	0.8159	-0.2176
587	614	Qm-2	0.065	0.2067	0.0929
587	615	Qm-2	0.0811	0.2246	0.0914
587	641	Qm-2	0.0143	0.2151	0.0894
587	640	Qm-2	0.0144	0.2	0.091
588	615	DEAD	0.	0.	0.
588	616	DEAD	0.	0.	0.
588	642	DEAD	0.	0.	0.
588	641	DEAD	0.	0.	0.
588	615	G1	-1.214E-08	-5.722E-08	-9.923E-09
588	616	G1	-1.296E-08	-6.388E-08	-8.954E-09
588	642	G1	-1.174E-08	-6.586E-08	-8.505E-09
588	641	G1	-6.003E-09	-5.675E-08	-8.245E-09
588	615	G2	-0.1729	-0.4441	-0.0297
588	616	G2	-0.1926	-0.5763	-0.0127
588	642	G2	-0.0696	-0.5814	-0.0068
588	641	G2	-0.011	-0.4638	-0.0238
588	615	Qm	0.416	1.2209	-0.1751
588	616	Qm	0.4449	1.308	-0.1943
588	642	Qm	0.1289	1.2924	-0.1949
588	641	Qm	0.1202	1.2059	-0.1757
588	615	Qs	-1.306E-09	-4.922E-09	-6.701E-10
588	616	Qs	-1.570E-09	-5.116E-09	-6.539E-10
588	642	Qs	-7.991E-10	-4.913E-09	-6.480E-10
588	641	Qs	-7.222E-10	-4.733E-09	-5.874E-10
588	615	T+	0.	0.	0.
588	616	T+	0.	0.	0.
588	642	T+	0.	0.	0.
588	641	T+	0.	0.	0.
588	615	T-	0.	0.	0.
588	616	T-	0.	0.	0.
588	642	T-	0.	0.	0.
588	641	T-	0.	0.	0.
588	615	W	-10.1564	1.5602	-1.6611
588	616	W	-3.6318	2.2023	-1.2991
588	642	W	-4.5238	1.2755	-0.7259
588	641	W	5.0927	3.6207	-1.0879
588	615	Qm-1	0.4771	0.8488	-0.1866
588	616	Qm-1	0.4557	0.7637	-0.1559
588	642	Qm-1	0.0688	0.5702	-0.1575
588	641	Qm-1	0.0907	0.74	-0.1883
588	615	Qm-2	0.0812	0.2249	0.088
588	616	Qm-2	0.073	0.2519	0.0923
588	642	Qm-2	0.0102	0.2151	0.0959
588	641	Qm-2	0.0143	0.2153	0.0917
589	616	DEAD	0.	0.	0.
589	617	DEAD	0.	0.	0.
589	643	DEAD	0.	0.	0.
589	642	DEAD	0.	0.	0.
589	616	G1	-1.302E-08	-6.679E-08	-7.426E-09
589	617	G1	-1.430E-08	-6.409E-08	-6.362E-09
589	643	G1	-4.689E-09	-6.661E-08	-8.135E-09
589	642	G1	-1.217E-08	-6.516E-08	-9.199E-09
589	616	G2	-0.1922	-0.574	0.0047

Table 27: Element Forces - Area Shells, Part 2 of 3

Area	Joint	OutputCase	M11	M22	M12
			KN-mm/mm	KN-mm/mm	KN-mm/mm
589	617	G2	-0.2075	-0.6455	0.0213
589	643	G2	-0.0886	-0.6652	0.022
589	642	G2	-0.0705	-0.586	0.0054
589	616	Qm	0.4449	1.3082	-0.2179
589	617	Qm	0.4571	1.4522	-0.2331
589	643	Qm	0.1269	1.4115	-0.2242
589	642	Qm	0.1289	1.2926	-0.2091
589	616	Qs	-1.511E-09	-5.137E-09	-6.834E-10
589	617	Qs	-1.375E-09	-4.719E-09	-6.531E-10
589	643	Qs	-4.834E-10	-4.453E-09	-7.499E-10
589	642	Qs	-8.790E-10	-4.899E-09	-7.418E-10
589	616	T+	0.	0.	0.
589	617	T+	0.	0.	0.
589	643	T+	0.	0.	0.
589	642	T+	0.	0.	0.
589	616	T-	0.	0.	0.
589	617	T-	0.	0.	0.
589	643	T-	0.	0.	0.
589	642	T-	0.	0.	0.
589	616	W	-3.6127	2.2978	-0.4298
589	617	W	-4.0268	2.0719	-0.071
589	643	W	-1.8287	1.6876	-0.5384
589	642	W	-4.536	1.2143	-0.8973
589	616	Qm-1	0.457	0.7702	-0.0991
589	617	Qm-1	0.4251	0.4707	-0.0405
589	643	Qm-1	0.0672	0.2399	-0.0597
589	642	Qm-1	0.0689	0.5706	-0.1183
589	616	Qm-2	0.0733	0.2532	0.1041
589	617	Qm-2	0.0655	0.2263	0.117
589	643	Qm-2	0.0079	0.178	0.1165
589	642	Qm-2	0.0103	0.2154	0.1036
590	617	DEAD	0.	0.	0.
590	618	DEAD	0.	0.	0.
590	644	DEAD	0.	0.	0.
590	643	DEAD	0.	0.	0.
590	617	G1	-1.183E-08	-6.139E-08	-5.269E-09
590	618	G1	-8.070E-09	-7.622E-08	-4.465E-09
590	644	G1	-1.272E-08	-8.284E-08	-4.560E-09
590	643	G1	-5.188E-09	-6.501E-08	-6.592E-09
590	617	G2	-0.2075	-0.6455	0.0402
590	618	G2	-0.2118	-0.6745	0.0587
590	644	G2	-0.091	-0.6952	0.0576
590	643	G2	-0.0887	-0.6657	0.0391
590	617	Qm	0.4573	1.4531	-0.2451
590	618	Qm	0.4608	1.6093	-0.2492
590	644	Qm	0.119	1.5361	-0.2366
590	643	Qm	0.127	1.4116	-0.2325
590	617	Qs	-1.329E-09	-4.489E-09	-7.529E-10
590	618	Qs	-1.308E-09	-4.593E-09	-7.085E-10
590	644	Qs	-8.720E-10	-4.597E-09	-6.420E-10
590	643	Qs	-5.713E-10	-4.498E-09	-6.864E-10
590	617	T+	0.	0.	0.
590	618	T+	0.	0.	0.
590	644	T+	0.	0.	0.

Table 27: Element Forces - Area Shells, Part 2 of 3

Area	Joint	OutputCase	M11	M22	M12
			KN-mm/mm	KN-mm/mm	KN-mm/mm
590	643	T+	0.	0.	0.
590	617	T-	0.	0.	0.
590	618	T-	0.	0.	0.
590	644	T-	0.	0.	0.
590	643	T-	0.	0.	0.
590	617	W	-4.0238	2.0865	0.0326
590	618	W	-4.0119	2.397	0.3803
590	644	W	-1.8221	2.002	0.4025
590	643	W	-1.8283	1.6893	0.0548
590	617	Qm-1	0.425	0.4705	0.0421
590	618	Qm-1	0.4701	-0.11	0.0928
590	644	Qm-1	0.0898	-0.2705	0.0333
590	643	Qm-1	0.0672	0.24	-0.0174
590	617	Qm-2	0.0655	0.2263	0.1359
590	618	Qm-2	0.0695	0.126	0.1479
590	644	Qm-2	0.0129	0.0935	0.1384
590	643	Qm-2	0.0079	0.1781	0.1263
591	618	DEAD	0.	0.	0.
591	619	DEAD	0.	0.	0.
591	645	DEAD	0.	0.	0.
591	644	DEAD	0.	0.	0.
591	618	G1	-8.256E-09	-7.529E-08	-1.598E-09
591	619	G1	-1.435E-08	-9.598E-08	-1.598E-09
591	645	G1	-2.493E-09	-8.903E-08	-3.726E-09
591	644	G1	-1.222E-08	-8.108E-08	-3.726E-09
591	618	G2	-0.2118	-0.6745	0.0779
591	619	G2	-0.2051	-0.6593	0.0954
591	645	G2	-0.0773	-0.673	0.0927
591	644	G2	-0.0909	-0.6949	0.0752
591	618	Qm	0.4609	1.6097	-0.2462
591	619	Qm	0.4644	1.7267	-0.2402
591	645	Qm	0.1106	1.6326	-0.2303
591	644	Qm	0.119	1.5361	-0.2362
591	618	Qs	-1.163E-09	-4.493E-09	-5.921E-10
591	619	Qs	-1.679E-09	-4.922E-09	-5.921E-10
591	645	Qs	-4.562E-10	-4.485E-09	-6.364E-10
591	644	Qs	-1.020E-09	-4.617E-09	-6.364E-10
591	618	T+	0.	0.	0.
591	619	T+	0.	0.	0.
591	645	T+	0.	0.	0.
591	644	T+	0.	0.	0.
591	618	T-	0.	0.	0.
591	619	T-	0.	0.	0.
591	645	T-	0.	0.	0.
591	644	T-	0.	0.	0.
591	618	W	-4.0148	2.3823	0.4824
591	619	W	-3.578	3.2256	0.8384
591	645	W	-4.5178	2.1491	1.3502
591	644	W	-1.8224	2.0006	0.9942
591	618	Qm-1	0.4687	-0.1171	0.1316
591	619	Qm-1	0.5059	-0.8564	0.1381
591	645	Qm-1	0.1315	-0.8849	0.0653
591	644	Qm-1	0.0898	-0.2707	0.0587
591	618	Qm-2	0.0692	0.1247	0.1582

Table 27: Element Forces - Area Shells, Part 2 of 3

Area	Joint	OutputCase	M11	M22	M12
			KN-mm/mm	KN-mm/mm	KN-mm/mm
591	619	Qm-2	0.0774	-0.0245	0.1591
591	645	Qm-2	0.0208	-0.02	0.1448
591	644	Qm-2	0.0128	0.0933	0.1439
592	619	DEAD	0.	0.	0.
592	620	DEAD	0.	0.	0.
592	646	DEAD	0.	0.	0.
592	645	DEAD	0.	0.	0.
592	619	G1	-1.279E-08	-9.474E-08	-2.792E-09
592	620	G1	-1.077E-08	-1.099E-07	-2.437E-09
592	646	G1	-1.350E-08	-1.153E-07	-3.146E-09
592	645	G1	-2.389E-09	-9.351E-08	-3.501E-09
592	619	G2	-0.2056	-0.6616	0.1138
592	620	G2	-0.1941	-0.5805	0.1325
592	646	G2	-0.0221	-0.6029	0.1249
592	645	G2	-0.0764	-0.6685	0.1062
592	619	Qm	0.4644	1.7267	-0.2286
592	620	Qm	0.4645	1.7813	-0.217
592	646	Qm	0.1041	1.6772	-0.2115
592	645	Qm	0.1105	1.6324	-0.2231
592	619	Qs	-1.529E-09	-4.611E-09	-6.424E-10
592	620	Qs	-1.573E-09	-4.960E-09	-5.153E-10
592	646	Qs	-9.613E-10	-4.963E-09	-5.094E-10
592	645	Qs	-4.953E-10	-4.691E-09	-5.597E-10
592	619	T+	0.	0.	0.
592	620	T+	0.	0.	0.
592	646	T+	0.	0.	0.
592	645	T+	0.	0.	0.
592	619	T-	0.	0.	0.
592	620	T-	0.	0.	0.
592	646	T-	0.	0.	0.
592	645	T-	0.	0.	0.
592	619	W	-3.5971	3.1301	1.7033
592	620	W	-10.1016	3.0951	2.0598
592	646	W	5.1209	5.1665	1.5311
592	645	W	-4.5055	2.2104	1.1746
592	619	Qm-1	0.506	-0.8557	0.1139
592	620	Qm-1	0.5027	-1.5069	0.0845
592	646	Qm-1	0.1614	-1.4791	0.0271
592	645	Qm-1	0.1314	-0.8856	0.0565
592	619	Qm-2	0.0773	-0.025	0.1503
592	620	Qm-2	0.0654	-0.1478	0.1416
592	646	Qm-2	0.0257	-0.13	0.1334
592	645	Qm-2	0.0207	-0.0201	0.1421
593	620	DEAD	0.	0.	0.
593	621	DEAD	0.	0.	0.
593	647	DEAD	0.	0.	0.
593	646	DEAD	0.	0.	0.
593	620	G1	-1.337E-08	-1.194E-07	-3.283E-09
593	621	G1	-1.014E-08	-1.219E-07	-3.863E-09
593	647	G1	-9.952E-09	-1.268E-07	-4.702E-09
593	646	G1	-1.195E-08	-1.108E-07	-3.508E-09
593	620	G2	-0.1934	-0.577	0.1516
593	621	G2	-0.245	-0.5043	0.1368
593	647	G2	0.1556	-0.2848	0.1268

Table 27: Element Forces - Area Shells, Part 2 of 3

Area	Joint	OutputCase	M11	M22	M12
			KN-mm/mm	KN-mm/mm	KN-mm/mm
593	646	G2	-0.0238	-0.6112	0.1416
593	620	Qm	0.4645	1.7814	-0.2014
593	621	Qm	0.4596	1.7693	-0.1869
593	647	Qm	0.0981	1.6595	-0.1859
593	646	Qm	0.104	1.6769	-0.2004
593	620	Qs	-1.516E-09	-5.257E-09	-5.132E-10
593	621	Qs	-1.745E-09	-5.025E-09	-4.688E-10
593	647	Qs	-8.208E-10	-5.238E-09	-4.467E-10
593	646	Qs	-9.664E-10	-4.923E-09	-4.910E-10
593	620	T+	0.	0.	0.
593	621	T+	0.	0.	0.
593	647	T+	0.	0.	0.
593	646	T+	0.	0.	0.
593	620	T-	0.	0.	0.
593	621	T-	0.	0.	0.
593	647	T-	0.	0.	0.
593	646	T-	0.	0.	0.
593	620	W	-10.0499	3.3535	-1.3913
593	621	W	-2.0638	-0.7818	-2.4481
593	647	W	-37.3086	-1.6445	4.2715
593	646	W	5.1433	5.2785	5.3283
593	620	Qm-1	0.5027	-1.507	0.0371
593	621	Qm-1	0.4904	-2.0125	-0.0077
593	647	Qm-1	0.1727	-1.958	-0.0485
593	646	Qm-1	0.1615	-1.4785	-0.0038
593	620	Qm-2	0.0655	-0.1471	0.1291
593	621	Qm-2	0.0512	-0.2299	0.1191
593	647	Qm-2	0.0247	-0.2125	0.1154
593	646	Qm-2	0.0257	-0.1298	0.1254
594	621	DEAD	0.	0.	0.
594	622	DEAD	0.	0.	0.
594	648	DEAD	0.	0.	0.
594	647	DEAD	0.	0.	0.
594	621	G1	-1.100E-08	-1.254E-07	-4.130E-09
594	622	G1	-1.805E-08	-1.371E-07	-5.549E-09
594	648	G1	-5.280E-09	-1.298E-07	-5.903E-09
594	647	G1	-1.228E-08	-1.221E-07	-4.485E-09
594	621	G2	-0.245	-0.5043	0.0812
594	622	G2	-0.1999	-0.5538	0.0666
594	648	G2	-0.0271	-0.5887	0.0806
594	647	G2	0.1556	-0.2848	0.0951
594	621	Qm	0.4597	1.7693	-0.1691
594	622	Qm	0.4499	1.6907	-0.1526
594	648	Qm	0.0916	1.5776	-0.1559
594	647	Qm	0.0981	1.6593	-0.1724
594	621	Qs	-1.829E-09	-5.332E-09	-4.287E-10
594	622	Qs	-1.719E-09	-5.218E-09	-4.368E-10
594	648	Qs	-7.148E-10	-5.082E-09	-4.287E-10
594	647	Qs	-8.822E-10	-5.024E-09	-4.590E-10
594	621	T+	0.	0.	0.
594	622	T+	0.	0.	0.
594	648	T+	0.	0.	0.
594	647	T+	0.	0.	0.
594	621	T-	0.	0.	0.

Table 27: Element Forces - Area Shells, Part 2 of 3

Area	Joint	OutputCase	M11	M22	M12
			KN-mm/mm	KN-mm/mm	KN-mm/mm
594	622	T-	0.	0.	0.
594	648	T-	0.	0.	0.
594	647	T-	0.	0.	0.
594	621	W	-2.0637	-0.7816	2.1953
594	622	W	-9.9342	3.9245	1.1333
594	648	W	5.2148	5.8648	-5.5771
594	647	W	-37.3085	-1.6436	-4.5151
594	621	Qm-1	0.4904	-2.0126	-0.0647
594	622	Qm-1	0.4768	-2.3416	-0.1157
594	648	Qm-1	0.1738	-2.2759	-0.1401
594	647	Qm-1	0.1728	-1.9576	-0.0891
594	621	Qm-2	0.0513	-0.2297	0.1088
594	622	Qm-2	0.0434	-0.2771	0.0999
594	648	Qm-2	0.0231	-0.2608	0.0979
594	647	Qm-2	0.0247	-0.2123	0.1068
595	622	DEAD	0.	0.	0.
595	623	DEAD	0.	0.	0.
595	649	DEAD	0.	0.	0.
595	648	DEAD	0.	0.	0.
595	622	G1	-1.702E-08	-1.375E-07	-6.198E-09
595	623	G1	-1.051E-08	-1.297E-07	-6.198E-09
595	649	G1	-1.192E-08	-1.375E-07	-6.907E-09
595	648	G1	-8.607E-09	-1.330E-07	-6.907E-09
595	622	G2	-0.2006	-0.5573	0.0863
595	623	G2	-0.2182	-0.6118	0.1058
595	649	G2	-0.0826	-0.62	0.1174
595	648	G2	-0.0254	-0.5805	0.098
595	622	Qm	0.4499	1.6908	-0.1333
595	623	Qm	0.4356	1.5491	-0.1153
595	649	Qm	0.0844	1.4344	-0.1227
595	648	Qm	0.0916	1.5775	-0.1407
595	622	Qs	-1.825E-09	-5.587E-09	-4.347E-10
595	623	Qs	-1.275E-09	-4.695E-09	-2.552E-10
595	649	Qs	-1.185E-09	-5.512E-09	-3.460E-10
595	648	Qs	-8.094E-10	-5.227E-09	-4.103E-10
595	622	T+	0.	0.	0.
595	623	T+	0.	0.	0.
595	649	T+	0.	0.	0.
595	648	T+	0.	0.	0.
595	622	T-	0.	0.	0.
595	623	T-	0.	0.	0.
595	649	T-	0.	0.	0.
595	648	T-	0.	0.	0.
595	622	W	-9.9858	3.6666	-2.3246
595	623	W	-3.3331	4.2592	-1.9838
595	649	W	-4.3677	3.3637	-1.4529
595	648	W	5.1928	5.7551	-1.7938
595	622	Qm-1	0.4768	-2.3416	-0.1763
595	623	Qm-1	0.4655	-2.4758	-0.2288
595	649	Qm-1	0.1686	-2.4096	-0.2365
595	648	Qm-1	0.1738	-2.2759	-0.1841
595	622	Qm-2	0.0435	-0.277	0.091
595	623	Qm-2	0.0442	-0.2905	0.0824
595	649	Qm-2	0.0239	-0.2739	0.081

Table 27: Element Forces - Area Shells, Part 2 of 3

Area	Joint	OutputCase	M11	M22	M12
			KN-mm/mm	KN-mm/mm	KN-mm/mm
595	648	Qm-2	0.0231	-0.2607	0.0896
596	623	DEAD	0.	0.	0.
596	624	DEAD	0.	0.	0.
596	650	DEAD	0.	0.	0.
596	649	DEAD	0.	0.	0.
596	623	G1	-1.171E-08	-1.359E-07	-6.143E-09
596	624	G1	-1.462E-08	-1.333E-07	-6.852E-09
596	650	G1	-1.043E-08	-1.327E-07	-6.143E-09
596	649	G1	-1.228E-08	-1.333E-07	-5.433E-09
596	623	G2	-0.2177	-0.6094	0.1253
596	624	G2	-0.2292	-0.5911	0.1441
596	650	G2	-0.0987	-0.6132	0.1509
596	649	G2	-0.0835	-0.6245	0.1321
596	623	Qm	0.4356	1.5491	-0.0949
596	624	Qm	0.4176	1.3505	-0.0759
596	650	Qm	0.077	1.2361	-0.0872
596	649	Qm	0.0844	1.4342	-0.1061
596	623	Qs	-1.312E-09	-5.009E-09	-2.107E-10
596	624	Qs	-1.672E-09	-5.279E-09	-1.664E-10
596	650	Qs	-9.264E-10	-5.144E-09	-1.220E-10
596	649	Qs	-1.132E-09	-5.171E-09	-1.664E-10
596	623	T+	0.	0.	0.
596	624	T+	0.	0.	0.
596	650	T+	0.	0.	0.
596	649	T+	0.	0.	0.
596	623	T-	0.	0.	0.
596	624	T-	0.	0.	0.
596	650	T-	0.	0.	0.
596	649	T-	0.	0.	0.
596	623	W	-3.3138	4.3559	-1.1259
596	624	W	-3.6051	4.0204	-0.798
596	650	W	-1.4915	3.7065	-1.3362
596	649	W	-4.3793	3.3056	-1.6641
596	623	Qm-1	0.4655	-2.4758	-0.2894
596	624	Qm-1	0.4569	-2.4078	-0.3397
596	650	Qm-1	0.1574	-2.3511	-0.3303
596	649	Qm-1	0.1686	-2.4099	-0.28
596	623	Qm-2	0.0442	-0.2905	0.0735
596	624	Qm-2	0.0541	-0.2703	0.0643
596	650	Qm-2	0.0274	-0.2519	0.0633
596	649	Qm-2	0.0239	-0.2739	0.0725
597	624	DEAD	0.	0.	0.
597	625	DEAD	0.	0.	0.
597	651	DEAD	0.	0.	0.
597	650	DEAD	0.	0.	0.
597	624	G1	-1.360E-08	-1.291E-07	-6.443E-09
597	625	G1	-9.574E-09	-1.134E-07	-5.733E-09
597	651	G1	-1.187E-08	-1.131E-07	-5.024E-09
597	650	G1	-1.175E-08	-1.339E-07	-5.733E-09
597	624	G2	-0.2292	-0.5911	0.165
597	625	G2	-0.2268	-0.5182	0.185
597	651	G2	-0.0953	-0.5397	0.1899
597	650	G2	-0.0988	-0.6135	0.1699
597	624	Qm	0.4176	1.3505	-0.0549

Table 27: Element Forces - Area Shells, Part 2 of 3

Area	Joint	OutputCase	M11	M22	M12
			KN-mm/mm	KN-mm/mm	KN-mm/mm
597	625	Qm	0.3971	1.1037	-0.0357
597	651	Qm	0.0705	0.9927	-0.0505
597	650	Qm	0.077	1.2359	-0.0697
597	624	Qs	-1.619E-09	-4.986E-09	-5.027E-11
597	625	Qs	-1.308E-09	-4.053E-09	8.272E-11
597	651	Qs	-1.104E-09	-4.404E-09	1.271E-10
597	650	Qs	-9.151E-10	-5.145E-09	-5.939E-12
597	624	T+	0.	0.	0.
597	625	T+	0.	0.	0.
597	651	T+	0.	0.	0.
597	650	T+	0.	0.	0.
597	624	T-	0.	0.	0.
597	625	T-	0.	0.	0.
597	651	T-	0.	0.	0.
597	650	T-	0.	0.	0.
597	624	W	-3.602	4.036	-0.7249
597	625	W	-3.1622	4.2259	-0.4179
597	651	W	-1.5765	3.8127	-0.4794
597	650	W	-1.4898	3.7149	-0.7865
597	624	Qm-1	0.4569	-2.4078	-0.3968
597	625	Qm-1	0.448	-2.1405	-0.4408
597	651	Qm-1	0.1364	-2.1078	-0.4133
597	650	Qm-1	0.1573	-2.3517	-0.3693
597	624	Qm-2	0.0541	-0.2704	0.0538
597	625	Qm-2	0.072	-0.2154	0.0431
597	651	Qm-2	0.031	-0.1961	0.0432
597	650	Qm-2	0.0273	-0.252	0.0539
598	625	DEAD	0.	0.	0.
598	626	DEAD	0.	0.	0.
598	652	DEAD	0.	0.	0.
598	651	DEAD	0.	0.	0.
598	625	G1	-8.532E-09	-1.082E-07	-5.064E-09
598	626	G1	-9.784E-09	-9.190E-08	-5.419E-09
598	652	G1	-8.488E-09	-8.563E-08	-4.355E-09
598	651	G1	-1.169E-08	-1.131E-07	-4.000E-09
598	625	G2	-0.2268	-0.5181	0.2061
598	626	G2	-0.2077	-0.3891	0.2239
598	652	G2	-0.0696	-0.4	0.2258
598	651	G2	-0.0952	-0.5389	0.2079
598	625	Qm	0.3971	1.1037	-0.0153
598	626	Qm	0.376	0.8212	0.0025
598	652	Qm	0.0669	0.7197	-0.0155
598	651	Qm	0.0705	0.9927	-0.0333
598	625	Qs	-1.355E-09	-4.135E-09	2.048E-10
598	626	Qs	-1.480E-09	-3.496E-09	2.048E-10
598	652	Qs	-5.680E-10	-3.060E-09	2.048E-10
598	651	Qs	-1.076E-09	-4.333E-09	2.048E-10
598	625	T+	0.	0.	0.
598	626	T+	0.	0.	0.
598	652	T+	0.	0.	0.
598	651	T+	0.	0.	0.
598	625	T-	0.	0.	0.
598	626	T-	0.	0.	0.
598	652	T-	0.	0.	0.

Table 27: Element Forces - Area Shells, Part 2 of 3

Area	Joint	OutputCase	M11	M22	M12
			KN-mm/mm	KN-mm/mm	KN-mm/mm
598	651	T-	0.	0.	0.
598	625	W	-3.1635	4.2196	-0.2388
598	626	W	-2.8104	4.6455	0.0526
598	652	W	-2.6814	3.9889	0.2343
598	651	W	-1.5749	3.8208	-0.0571
598	625	Qm-1	0.448	-2.1405	-0.4891
598	626	Qm-1	0.4312	-1.6883	-0.5183
598	652	Qm-1	0.0967	-1.7093	-0.4711
598	651	Qm-1	0.1362	-2.1087	-0.4419
598	625	Qm-2	0.0719	-0.216	0.0301
598	626	Qm-2	0.0901	-0.122	0.02
598	652	Qm-2	0.0302	-0.1134	0.0237
598	651	Qm-2	0.031	-0.1961	0.0339
599	626	DEAD	0.	0.	0.
599	627	DEAD	0.	0.	0.
599	653	DEAD	0.	0.	0.
599	652	DEAD	0.	0.	0.
599	626	G1	-7.351E-09	-8.341E-08	-6.647E-09
599	627	G1	-8.228E-09	-6.467E-08	-6.647E-09
599	653	G1	-7.085E-09	-6.187E-08	-5.229E-09
599	652	G1	-8.050E-09	-8.613E-08	-5.229E-09
599	626	G2	-0.2081	-0.3913	0.2439
599	627	G2	-0.1728	-0.1839	0.2605
599	653	G2	0.0126	-0.1954	0.2532
599	652	G2	-0.0685	-0.3946	0.2366
599	626	Qm	0.376	0.8212	0.0199
599	627	Qm	0.3575	0.5208	0.0327
599	653	Qm	0.0684	0.4413	0.0121
599	652	Qm	0.0668	0.7196	-7.016E-04
599	626	Qs	-1.367E-09	-3.188E-09	2.048E-10
599	627	Qs	-1.131E-09	-2.469E-09	2.269E-10
599	653	Qs	-5.139E-10	-2.379E-09	2.048E-10
599	652	Qs	-5.772E-10	-3.156E-09	1.826E-10
599	626	T+	0.	0.	0.
599	627	T+	0.	0.	0.
599	653	T+	0.	0.	0.
599	652	T+	0.	0.	0.
599	626	T-	0.	0.	0.
599	627	T-	0.	0.	0.
599	653	T-	0.	0.	0.
599	652	T-	0.	0.	0.
599	626	W	-2.8199	4.5978	0.5878
599	627	W	-5.8919	4.6568	0.8353
599	653	W	2.4496	5.7327	0.4815
599	652	W	-2.6729	4.0313	0.2339
599	626	Qm-1	0.431	-1.6892	-0.5458
599	627	Qm-1	0.3726	-1.0911	-0.5408
599	653	Qm-1	0.0435	-1.2276	-0.4726
599	652	Qm-1	0.0967	-1.709	-0.4775
599	626	Qm-2	0.0902	-0.1214	0.01
599	627	Qm-2	0.0925	-0.002	0.0084
599	653	Qm-2	0.0284	-0.0274	0.0169
599	652	Qm-2	0.0302	-0.1131	0.0185
600	627	DEAD	0.	0.	0.

Table 27: Element Forces - Area Shells, Part 2 of 3

Area	Joint	OutputCase	M11	M22	M12
			KN-mm/mm	KN-mm/mm	KN-mm/mm
600	628	DEAD	0.	0.	0.
600	654	DEAD	0.	0.	0.
600	653	DEAD	0.	0.	0.
600	627	G1	-7.622E-09	-6.168E-08	-6.135E-09
600	628	G1	-1.650E-09	-3.231E-08	-4.587E-09
600	654	G1	-2.923E-09	-3.712E-08	-4.717E-09
600	653	G1	-6.438E-09	-6.157E-08	-5.651E-09
600	627	G2	-0.1725	-0.1825	0.2815
600	628	G2	-0.1876	0.0465	0.2654
600	654	G2	0.2659	0.267	0.2446
600	653	G2	0.012	-0.1984	0.2606
600	627	Qm	0.3574	0.5204	0.0412
600	628	Qm	0.3464	0.2399	0.0433
600	654	Qm	0.0732	0.1965	0.0227
600	653	Qm	0.0683	0.4411	0.0206
600	627	Qs	-1.092E-09	-2.402E-09	2.333E-10
600	628	Qs	-6.543E-10	-1.388E-09	2.030E-10
600	654	Qs	-3.605E-10	-1.405E-09	1.890E-10
600	653	Qs	-5.102E-10	-2.131E-09	1.809E-10
600	627	T+	0.	0.	0.
600	628	T+	0.	0.	0.
600	654	T+	0.	0.	0.
600	653	T+	0.	0.	0.
600	627	T-	0.	0.	0.
600	628	T-	0.	0.	0.
600	654	T-	0.	0.	0.
600	653	T-	0.	0.	0.
600	627	W	-5.8983	4.6245	-0.8406
600	628	W	-2.6598	3.6568	-1.0149
600	654	W	-17.4518	1.8275	2.2535
600	653	W	2.5056	6.0126	2.4278
600	627	Qm-1	0.3739	-1.0844	-0.5102
600	628	Qm-1	0.3002	-0.5647	-0.4647
600	654	Qm-1	0.001	-0.7654	-0.3996
600	653	Qm-1	0.0434	-1.2283	-0.4451
600	627	Qm-2	0.0927	-7.201E-04	0.0164
600	628	Qm-2	0.105	0.0689	0.0244
600	654	Qm-2	0.032	0.0292	0.0263
600	653	Qm-2	0.0285	-0.027	0.0183
601	628	DEAD	0.	0.	0.
601	629	DEAD	0.	0.	0.
601	655	DEAD	0.	0.	0.
601	654	DEAD	0.	0.	0.
601	628	G1	-2.631E-09	-3.510E-08	-4.108E-09
601	629	G1	-3.368E-09	-1.633E-08	-3.883E-09
601	655	G1	-2.232E-09	-1.502E-08	-1.625E-09
601	654	G1	-3.722E-09	-3.939E-08	-2.464E-09
601	628	G2	-0.187	0.0497	0.2158
601	629	G2	-0.1517	0.112	0.1696
601	655	G2	0.3081	0.3045	0.1576
601	654	G2	0.2648	0.2612	0.2038
601	628	Qm	0.3462	0.239	0.0348
601	629	Qm	0.3359	0.0455	0.0237
601	655	Qm	0.0753	0.0354	0.0106

Table 27: Element Forces - Area Shells, Part 2 of 3

Area	Joint	OutputCase	M11	M22	M12
			KN-mm/mm	KN-mm/mm	KN-mm/mm
601	654	Qm	0.0731	0.1961	0.0218
601	628	Qs	-5.984E-10	-1.372E-09	1.954E-10
601	629	Qs	-6.543E-10	-7.194E-10	2.176E-10
601	655	Qs	-1.246E-10	-4.000E-10	2.397E-10
601	654	Qs	-4.382E-10	-1.634E-09	2.176E-10
601	628	T+	0.	0.	0.
601	629	T+	0.	0.	0.
601	655	T+	0.	0.	0.
601	654	T+	0.	0.	0.
601	628	T-	0.	0.	0.
601	629	T-	0.	0.	0.
601	655	T-	0.	0.	0.
601	654	T-	0.	0.	0.
601	628	W	-2.4331	4.7902	1.5084
601	629	W	-7.6103	-1.7201	-2.5809
601	655	W	5.0305	22.1818	-5.6093
601	654	W	-17.8239	-0.033	-1.52
601	628	Qm-1	0.3002	-0.5648	-0.3997
601	629	Qm-1	0.2801	-0.2257	-0.3548
601	655	Qm-1	-0.0432	-0.3628	-0.3105
601	654	Qm-1	5.179E-04	-0.7681	-0.3554
601	628	Qm-2	0.105	0.0688	0.0396
601	629	Qm-2	0.1364	0.0652	0.0472
601	655	Qm-2	0.0463	0.0355	0.0377
601	654	Qm-2	0.032	0.0295	0.0302
602	629	DEAD	0.	0.	0.
602	630	DEAD	0.	0.	0.
602	656	DEAD	0.	0.	0.
602	655	DEAD	0.	0.	0.
602	629	G1	-2.034E-09	-1.356E-08	-2.867E-09
602	630	G1	1.842E-11	1.096E-09	-2.157E-09
602	656	G1	3.596E-09	-1.365E-09	-2.867E-09
602	655	G1	-3.218E-09	-1.402E-08	-3.576E-09
602	629	G2	-0.152	0.1103	0.1303
602	630	G2	-0.0609	0.0022	0.1183
602	656	G2	0.1852	0.0011	0.1078
602	655	G2	0.3092	0.3101	0.1198
602	629	Qm	0.3359	0.0453	-4.054E-04
602	630	Qm	0.3203	-0.0012	-0.0197
602	656	Qm	0.0666	-0.0015	-0.0181
602	655	Qm	0.0752	0.0352	0.0012
602	629	Qs	-6.460E-10	-7.218E-10	2.107E-10
602	630	Qs	-3.759E-10	1.406E-10	2.329E-10
602	656	Qs	2.988E-10	-5.405E-11	1.220E-10
602	655	Qs	-9.603E-11	-3.886E-10	9.987E-11
602	629	T+	0.	0.	0.
602	630	T+	0.	0.	0.
602	656	T+	0.	0.	0.
602	655	T+	0.	0.	0.
602	629	T-	0.	0.	0.
602	630	T-	0.	0.	0.
602	656	T-	0.	0.	0.
602	655	T-	0.	0.	0.
602	629	W	-5.9554	6.5546	-4.718

Table 27: Element Forces - Area Shells, Part 2 of 3

Area	Joint	OutputCase	M11	M22	M12
			KN-mm/mm	KN-mm/mm	KN-mm/mm
602	630	W	-2.7532	-0.899	-1.0591
602	656	W	-8.4708	1.2696	-0.0953
602	655	W	-2.1163	-13.5523	-3.7542
602	629	Qm-1	0.2788	-0.2322	-0.3353
602	630	Qm-1	0.2277	-0.0022	-0.3365
602	656	Qm-1	-0.1566	-0.0057	-0.2777
602	655	Qm-1	-0.0435	-0.3641	-0.2765
602	629	Qm-2	0.1362	0.0643	0.0548
602	630	Qm-2	0.1752	9.272E-05	0.0526
602	656	Qm-2	0.0667	3.224E-04	0.0361
602	655	Qm-2	0.0462	0.035	0.0383
603	631	DEAD	0.	0.	0.
603	632	DEAD	0.	0.	0.
603	657	DEAD	0.	0.	0.
603	6	DEAD	0.	0.	0.
603	631	G1	6.145E-09	-1.190E-09	-5.192E-10
603	632	G1	-4.296E-09	-6.185E-09	-2.647E-09
603	657	G1	2.864E-09	2.623E-09	-1.938E-09
603	6	G1	-3.587E-09	5.538E-10	1.901E-10
603	631	G2	0.1536	-0.0037	-0.0977
603	632	G2	0.2396	0.2662	-0.0956
603	657	G2	-0.0035	0.1712	-0.0942
603	6	G2	0.0014	0.0023	-0.0963
603	631	Qm	0.2402	0.002	-0.0811
603	632	Qm	0.1899	0.1381	-0.1066
603	657	Qm	0.0021	0.1832	-0.0843
603	6	Qm	-0.0066	-0.0074	-0.0588
603	631	Qs	-1.722E-10	5.855E-13	9.209E-11
603	632	Qs	-7.236E-10	-6.832E-10	-6.307E-11
603	657	Qs	2.794E-10	-2.185E-12	-4.090E-11
603	6	Qs	-1.002E-10	1.729E-10	1.143E-10
603	631	T+	0.	0.	0.
603	632	T+	0.	0.	0.
603	657	T+	0.	0.	0.
603	6	T+	0.	0.	0.
603	631	T-	0.	0.	0.
603	632	T-	0.	0.	0.
603	657	T-	0.	0.	0.
603	6	T-	0.	0.	0.
603	631	W	-10.5328	-1.5814	2.0681
603	632	W	14.5788	4.0817	1.4788
603	657	W	-1.6766	3.9147	-2.642
603	6	W	1.8685	0.6434	-2.0527
603	631	Qm-1	0.2616	0.0019	-0.0745
603	632	Qm-1	0.2184	0.1132	-0.1022
603	657	Qm-1	0.0018	0.1592	-0.0832
603	6	Qm-1	-0.0057	-0.0079	-0.0554
603	631	Qm-2	-0.012	-5.112E-04	0.0074
603	632	Qm-2	-0.0093	8.197E-04	0.0098
603	657	Qm-2	-4.388E-04	-0.0077	0.0091
603	6	Qm-2	3.952E-04	8.499E-04	0.0067
604	632	DEAD	0.	0.	0.
604	633	DEAD	0.	0.	0.
604	658	DEAD	0.	0.	0.

Table 27: Element Forces - Area Shells, Part 2 of 3

Area	Joint	OutputCase	M11	M22	M12
			KN-mm/mm	KN-mm/mm	KN-mm/mm
604	657	DEAD	0.	0.	0.
604	632	G1	-4.072E-09	-2.798E-09	-4.150E-09
604	633	G1	-2.767E-09	-7.332E-09	-4.859E-09
604	658	G1	-7.912E-10	-5.546E-09	-4.859E-09
604	657	G1	2.818E-09	1.445E-09	-4.150E-09
604	632	G2	0.2401	0.2689	-0.0929
604	633	G2	0.0279	-0.0713	-0.0998
604	658	G2	0.004	0.0096	-0.0781
604	657	G2	-0.0043	0.1677	-0.0711
604	632	Qm	0.19	0.1386	-0.1379
604	633	Qm	0.1568	0.317	-0.1658
604	658	Qm	-8.209E-04	0.3384	-0.1444
604	657	Qm	0.0019	0.1824	-0.1165
604	632	Qs	-6.362E-10	-4.297E-10	-1.476E-10
604	633	Qs	-3.421E-10	-7.938E-10	-1.920E-10
604	658	Qs	-1.004E-11	-6.901E-10	-2.363E-10
604	657	Qs	1.566E-10	-9.560E-11	-1.920E-10
604	632	T+	0.	0.	0.
604	633	T+	0.	0.	0.
604	658	T+	0.	0.	0.
604	657	T+	0.	0.	0.
604	632	T-	0.	0.	0.
604	633	T-	0.	0.	0.
604	658	T-	0.	0.	0.
604	657	T-	0.	0.	0.
604	632	W	14.5734	4.0544	-3.3413
604	633	W	-6.5317	-0.8955	-3.7755
604	658	W	1.0347	-0.4588	-0.3319
604	657	W	-1.6661	3.9671	0.1023
604	632	Qm-1	0.2185	0.114	-0.1361
604	633	Qm-1	0.1878	0.2619	-0.1669
604	658	Qm-1	-6.069E-04	0.2843	-0.1486
604	657	Qm-1	0.0015	0.158	-0.1178
604	632	Qm-2	-0.0093	6.992E-04	0.0125
604	633	Qm-2	-0.0105	0.0199	0.0171
604	658	Qm-2	-8.793E-05	0.0095	0.0188
604	657	Qm-2	-3.157E-04	-0.0071	0.0142
605	633	DEAD	0.	0.	0.
605	634	DEAD	0.	0.	0.
605	659	DEAD	0.	0.	0.
605	658	DEAD	0.	0.	0.
605	633	G1	-2.039E-09	-5.336E-09	-5.638E-09
605	634	G1	-7.907E-09	-1.739E-08	-6.348E-09
605	659	G1	5.187E-09	-9.637E-09	-7.057E-09
605	658	G1	-7.696E-10	-5.109E-09	-6.348E-09
605	633	G2	0.0291	-0.0651	-0.1157
605	634	G2	-0.0449	-0.1837	-0.1264
605	659	G2	-6.928E-04	-0.1993	-0.1237
605	658	G2	0.0032	0.0056	-0.113
605	633	Qm	0.1566	0.316	-0.189
605	634	Qm	0.1238	0.5111	-0.2065
605	659	Qm	-2.167E-04	0.5135	-0.1844
605	658	Qm	-1.929E-04	0.3415	-0.1669
605	633	Qs	-3.882E-10	-8.544E-10	-1.860E-10

Table 27: Element Forces - Area Shells, Part 2 of 3

Area	Joint	OutputCase	M11	M22	M12
			KN-mm/mm	KN-mm/mm	KN-mm/mm
605	634	Qs	-4.908E-10	-1.474E-09	-2.082E-10
605	659	Qs	1.770E-10	-1.353E-09	-2.747E-10
605	658	Qs	3.009E-11	-5.988E-10	-2.525E-10
605	633	T+	0.	0.	0.
605	634	T+	0.	0.	0.
605	659	T+	0.	0.	0.
605	658	T+	0.	0.	0.
605	633	T-	0.	0.	0.
605	634	T-	0.	0.	0.
605	659	T-	0.	0.	0.
605	658	T-	0.	0.	0.
605	633	W	-6.5428	-0.9507	-1.3733
605	634	W	-1.0745	-0.2602	-0.9474
605	659	W	-0.4256	-1.3842	-1.7922
605	658	W	1.0832	-0.2161	-2.2181
605	633	Qm-1	0.1876	0.2611	-0.1925
605	634	Qm-1	0.1593	0.4153	-0.2137
605	659	Qm-1	-5.063E-05	0.4214	-0.1957
605	658	Qm-1	-4.717E-05	0.2871	-0.1746
605	633	Qm-2	-0.0105	0.02	0.0218
605	634	Qm-2	-0.0124	0.0513	0.0277
605	659	Qm-2	-1.721E-05	0.0376	0.0306
605	658	Qm-2	-3.374E-05	0.0097	0.0246
606	634	DEAD	0.	0.	0.
606	635	DEAD	0.	0.	0.
606	660	DEAD	0.	0.	0.
606	659	DEAD	0.	0.	0.
606	634	G1	-6.975E-09	-1.476E-08	-7.603E-09
606	635	G1	-8.974E-09	-2.235E-08	-7.828E-09
606	660	G1	1.625E-09	-1.751E-08	-7.958E-09
606	659	G1	3.394E-09	-1.477E-08	-7.119E-09
606	634	G2	-0.0459	-0.1888	-0.1183
606	635	G2	-0.0707	-0.288	-0.1083
606	660	G2	-3.211E-04	-0.3097	-0.1119
606	659	G2	8.509E-04	-0.1916	-0.1219
606	634	Qm	0.1237	0.5107	-0.2184
606	635	Qm	0.0927	0.7071	-0.2249
606	660	Qm	-2.769E-05	0.6887	-0.2029
606	659	Qm	3.843E-04	0.5166	-0.1965
606	634	Qs	-6.181E-10	-1.568E-09	-2.751E-10
606	635	Qs	-5.279E-10	-2.224E-09	-2.670E-10
606	660	Qs	-4.735E-11	-2.105E-09	-2.751E-10
606	659	Qs	9.276E-11	-1.449E-09	-2.449E-10
606	634	T+	0.	0.	0.
606	635	T+	0.	0.	0.
606	660	T+	0.	0.	0.
606	659	T+	0.	0.	0.
606	634	T-	0.	0.	0.
606	635	T-	0.	0.	0.
606	660	T-	0.	0.	0.
606	659	T-	0.	0.	0.
606	634	W	-1.0798	-0.2865	-0.9162
606	635	W	-2.0499	-0.6185	-0.4453
606	660	W	0.1496	-1.234	-0.3706

Table 27: Element Forces - Area Shells, Part 2 of 3

Area	Joint	OutputCase	M11	M22	M12
			KN-mm/mm	KN-mm/mm	KN-mm/mm
606	659	W	-0.4207	-1.3597	-0.8415
606	634	Qm-1	0.1592	0.4149	-0.2294
606	635	Qm-1	0.1362	0.5615	-0.2416
606	660	Qm-1	5.939E-05	0.5526	-0.2253
606	659	Qm-1	4.326E-04	0.4238	-0.213
606	634	Qm-2	-0.0124	0.0514	0.0344
606	635	Qm-2	-0.0123	0.0851	0.0414
606	660	Qm-2	7.146E-05	0.07	0.0441
606	659	Qm-2	2.841E-05	0.0378	0.0371
607	635	DEAD	0.	0.	0.
607	636	DEAD	0.	0.	0.
607	661	DEAD	0.	0.	0.
607	660	DEAD	0.	0.	0.
607	635	G1	-6.234E-09	-1.918E-08	-7.883E-09
607	636	G1	-7.248E-09	-2.368E-08	-7.399E-09
607	661	G1	-9.583E-10	-2.047E-08	-7.883E-09
607	660	G1	1.131E-09	-1.796E-08	-7.753E-09
607	635	G2	-0.0709	-0.2888	-0.0942
607	636	G2	-0.0802	-0.3576	-0.0787
607	661	G2	-9.110E-05	-0.3828	-0.0827
607	660	G2	3.687E-05	-0.3079	-0.0983
607	635	Qm	0.0926	0.7068	-0.2241
607	636	Qm	0.0688	0.8793	-0.2204
607	661	Qm	3.197E-04	0.8448	-0.2018
607	660	Qm	5.060E-04	0.6914	-0.2055
607	635	Qs	-5.621E-10	-2.104E-09	-2.402E-10
607	636	Qs	-6.954E-10	-2.727E-09	-2.483E-10
607	661	Qs	1.222E-10	-2.207E-09	-2.845E-10
607	660	Qs	-9.967E-11	-2.208E-09	-3.148E-10
607	635	T+	0.	0.	0.
607	636	T+	0.	0.	0.
607	661	T+	0.	0.	0.
607	660	T+	0.	0.	0.
607	635	T-	0.	0.	0.
607	636	T-	0.	0.	0.
607	661	T-	0.	0.	0.
607	660	T-	0.	0.	0.
607	635	W	-2.0491	-0.6143	0.0564
607	636	W	-1.5522	-0.4126	0.4929
607	661	W	-0.1182	-1.1513	0.457
607	660	W	0.1475	-1.2447	0.0205
607	635	Qm-1	0.1361	0.5611	-0.2483
607	636	Qm-1	0.1203	0.6843	-0.2536
607	661	Qm-1	1.871E-04	0.6652	-0.2405
607	660	Qm-1	4.469E-04	0.5545	-0.2352
607	635	Qm-2	-0.0123	0.0852	0.049
607	636	Qm-2	-0.0093	0.1157	0.0561
607	661	Qm-2	7.711E-05	0.1015	0.058
607	660	Qm-2	6.948E-05	0.07	0.051
608	636	DEAD	0.	0.	0.
608	637	DEAD	0.	0.	0.
608	662	DEAD	0.	0.	0.
608	661	DEAD	0.	0.	0.
608	636	G1	-5.110E-09	-2.105E-08	-7.986E-09

Table 27: Element Forces - Area Shells, Part 2 of 3

Area	Joint	OutputCase	M11	M22	M12
			KN-mm/mm	KN-mm/mm	KN-mm/mm
608	637	G1	-5.296E-09	-2.624E-08	-7.986E-09
608	662	G1	-1.519E-09	-2.438E-08	-7.986E-09
608	661	G1	-1.794E-09	-2.150E-08	-7.986E-09
608	636	G2	-0.0802	-0.3577	-0.0623
608	637	G2	-0.0787	-0.3963	-0.0458
608	662	G2	-8.842E-05	-0.4186	-0.0492
608	661	G2	-3.262E-05	-0.3826	-0.0657
608	636	Qm	0.0687	0.8791	-0.2096
608	637	Qm	0.058	1.0074	-0.1994
608	662	Qm	5.263E-04	0.9663	-0.1868
608	661	Qm	6.591E-04	0.8465	-0.197
608	636	Qs	-5.958E-10	-2.482E-09	-2.978E-10
608	637	Qs	-5.809E-10	-3.019E-09	-3.421E-10
608	662	Qs	3.592E-11	-2.582E-09	-3.421E-10
608	661	Qs	7.857E-11	-2.448E-09	-2.978E-10
608	636	T+	0.	0.	0.
608	637	T+	0.	0.	0.
608	662	T+	0.	0.	0.
608	661	T+	0.	0.	0.
608	636	T-	0.	0.	0.
608	637	T-	0.	0.	0.
608	662	T-	0.	0.	0.
608	661	T-	0.	0.	0.
608	636	W	-1.5529	-0.416	0.8447
608	637	W	-2.4058	-0.2082	1.2975
608	662	W	0.243	-0.8353	1.4218
608	661	W	-0.1171	-1.1455	0.969
608	636	Qm-1	0.1202	0.684	-0.2542
608	637	Qm-1	0.111	0.7746	-0.2549
608	662	Qm-1	2.370E-04	0.7493	-0.2457
608	661	Qm-1	4.509E-04	0.6665	-0.245
608	636	Qm-2	-0.0093	0.1157	0.0631
608	637	Qm-2	-0.0045	0.1417	0.0691
608	662	Qm-2	7.635E-05	0.1298	0.0704
608	661	Qm-2	2.671E-05	0.1012	0.0643
609	637	DEAD	0.	0.	0.
609	638	DEAD	0.	0.	0.
609	663	DEAD	0.	0.	0.
609	662	DEAD	0.	0.	0.
609	637	G1	-5.901E-09	-2.657E-08	-7.781E-09
609	638	G1	-9.610E-09	-3.346E-08	-7.072E-09
609	663	G1	5.266E-10	-3.593E-08	-7.781E-09
609	662	G1	-1.985E-09	-2.513E-08	-8.490E-09
609	637	G2	-0.0786	-0.3958	-0.0304
609	638	G2	-0.0637	-0.399	-0.0174
609	663	G2	6.039E-04	-0.4088	-0.0204
609	662	G2	-3.098E-04	-0.4197	-0.0333
609	637	Qm	0.0579	1.0073	-0.1843
609	638	Qm	0.0625	1.0855	-0.1732
609	663	Qm	5.336E-04	1.049	-0.1674
609	662	Qm	5.883E-04	0.9666	-0.1785
609	637	Qs	-4.769E-10	-2.957E-09	-3.856E-10
609	638	Qs	-7.181E-10	-3.421E-09	-3.332E-10
609	663	Qs	1.825E-10	-3.583E-09	-4.078E-10

Table 27: Element Forces - Area Shells, Part 2 of 3

Area	Joint	OutputCase	M11	M22	M12
			KN-mm/mm	KN-mm/mm	KN-mm/mm
609	662	Qs	-7.532E-11	-2.734E-09	-4.219E-10
609	637	T+	0.	0.	0.
609	638	T+	0.	0.	0.
609	663	T+	0.	0.	0.
609	662	T+	0.	0.	0.
609	637	T-	0.	0.	0.
609	638	T-	0.	0.	0.
609	663	T-	0.	0.	0.
609	662	T-	0.	0.	0.
609	637	W	-2.4075	-0.2171	1.8957
609	638	W	-0.6194	0.8206	2.417
609	663	W	-0.7451	-0.579	2.3042
609	662	W	0.2473	-0.8138	1.7829
609	637	Qm-1	0.111	0.7744	-0.2519
609	638	Qm-1	0.1069	0.8284	-0.2498
609	663	Qm-1	2.747E-04	0.7992	-0.2446
609	662	Qm-1	3.996E-04	0.7501	-0.2467
609	637	Qm-2	-0.0045	0.1417	0.0748
609	638	Qm-2	0.0014	0.1639	0.0794
609	663	Qm-2	8.679E-05	0.1547	0.0801
609	662	Qm-2	-5.007E-06	0.1294	0.0755
610	638	DEAD	0.	0.	0.
610	639	DEAD	0.	0.	0.
610	664	DEAD	0.	0.	0.
610	663	DEAD	0.	0.	0.
610	638	G1	-9.006E-09	-3.565E-08	-6.662E-09
610	639	G1	-5.187E-09	-4.165E-08	-7.371E-09
610	664	G1	-1.514E-09	-3.968E-08	-8.081E-09
610	663	G1	2.039E-09	-2.999E-08	-7.371E-09
610	638	G2	-0.0628	-0.3945	-0.0061
610	639	G2	-0.0051	-0.3677	-0.0107
610	664	G2	0.0027	-0.3106	-0.0179
610	663	G2	-7.279E-04	-0.4155	-0.0133
610	638	Qm	0.0624	1.0854	-0.1607
610	639	Qm	0.0793	1.1264	-0.1539
610	664	Qm	3.317E-04	1.103	-0.1534
610	663	Qm	3.274E-04	1.0479	-0.1602
610	638	Qs	-7.639E-10	-3.619E-09	-3.029E-10
610	639	Qs	-4.153E-10	-3.923E-09	-3.775E-10
610	664	Qs	8.366E-13	-3.652E-09	-4.137E-10
610	663	Qs	2.137E-10	-3.305E-09	-3.775E-10
610	638	T+	0.	0.	0.
610	639	T+	0.	0.	0.
610	664	T+	0.	0.	0.
610	663	T+	0.	0.	0.
610	638	T-	0.	0.	0.
610	639	T-	0.	0.	0.
610	664	T-	0.	0.	0.
610	663	T-	0.	0.	0.
610	638	W	-0.6077	0.8792	2.1155
610	639	W	-10.5554	-0.0935	2.5006
610	664	W	1.9077	2.0421	4.0891
610	663	W	-0.7577	-0.6424	3.7039
610	638	Qm-1	0.1068	0.8281	-0.2448

Table 27: Element Forces - Area Shells, Part 2 of 3

Area	Joint	OutputCase	M11	M22	M12
			KN-mm/mm	KN-mm/mm	KN-mm/mm
610	639	Qm-1	0.1061	0.843	-0.241
610	664	Qm-1	2.411E-04	0.8109	-0.2398
610	663	Qm-1	3.810E-04	0.7997	-0.2435
610	638	Qm-2	0.0014	0.164	0.0834
610	639	Qm-2	0.0082	0.183	0.0863
610	664	Qm-2	6.737E-05	0.1768	0.0866
610	663	Qm-2	-8.989E-06	0.1543	0.0837
611	639	DEAD	0.	0.	0.
611	640	DEAD	0.	0.	0.
611	665	DEAD	0.	0.	0.
611	664	DEAD	0.	0.	0.
611	639	G1	-6.796E-09	-4.151E-08	-7.426E-09
611	640	G1	-3.530E-09	-4.542E-08	-7.426E-09
611	665	G1	-1.343E-09	-4.403E-08	-8.135E-09
611	664	G1	-6.930E-10	-4.081E-08	-8.135E-09
611	639	G2	-0.0068	-0.376	-0.0212
611	640	G2	0.1685	-0.103	-0.0142
611	665	G2	-0.0062	-0.2416	-0.0346
611	664	G2	0.0041	-0.3035	-0.0416
611	639	Qm	0.0793	1.1264	-0.1496
611	640	Qm	0.1015	1.1567	-0.1502
611	665	Qm	8.864E-06	1.1488	-0.1516
611	664	Qm	-3.489E-05	1.1011	-0.1509
611	639	Qs	-5.528E-10	-4.088E-09	-4.321E-10
611	640	Qs	-3.423E-10	-4.090E-09	-5.068E-10
611	665	Qs	-2.342E-10	-4.224E-09	-4.765E-10
611	664	Qs	4.001E-11	-3.641E-09	-4.403E-10
611	639	T+	0.	0.	0.
611	640	T+	0.	0.	0.
611	665	T+	0.	0.	0.
611	664	T+	0.	0.	0.
611	639	T-	0.	0.	0.
611	640	T-	0.	0.	0.
611	665	T-	0.	0.	0.
611	664	T-	0.	0.	0.
611	639	W	-10.5334	0.0163	6.6178
611	640	W	29.4141	9.5691	5.2111
611	665	W	-2.5655	10.8701	-1.4135
611	664	W	1.8072	1.5393	-0.0069
611	639	Qm-1	0.106	0.8426	-0.2349
611	640	Qm-1	0.1042	0.8165	-0.2291
611	665	Qm-1	3.230E-05	0.7779	-0.2312
611	664	Qm-1	3.810E-04	0.8116	-0.2369
611	639	Qm-2	0.0082	0.1829	0.0884
611	640	Qm-2	0.0144	0.2001	0.0897
611	665	Qm-2	-7.786E-05	0.1958	0.0899
611	664	Qm-2	-8.993E-06	0.1764	0.0886
612	640	DEAD	0.	0.	0.
612	641	DEAD	0.	0.	0.
612	666	DEAD	0.	0.	0.
612	665	DEAD	0.	0.	0.
612	640	G1	-3.040E-09	-4.644E-08	-9.214E-09
612	641	G1	-7.750E-09	-5.631E-08	-7.536E-09
612	666	G1	-1.589E-10	-5.863E-08	-9.214E-09

Table 27: Element Forces - Area Shells, Part 2 of 3

Area	Joint	OutputCase	M11	M22	M12
			KN-mm/mm	KN-mm/mm	KN-mm/mm
612	665	G1	9.691E-11	-4.154E-08	-9.664E-09
612	640	G2	0.1684	-0.1031	1.097E-04
612	641	G2	-0.0107	-0.4716	0.0075
612	666	G2	0.004	-0.4005	0.0206
612	665	G2	-0.0062	-0.2415	0.0133
612	640	Qm	0.1015	1.1567	-0.1558
612	641	Qm	0.1205	1.206	-0.1636
612	666	Qm	-3.095E-04	1.2086	-0.1629
612	665	Qm	-3.468E-04	1.147	-0.1551
612	640	Qs	-2.780E-10	-4.232E-09	-5.141E-10
612	641	Qs	-6.628E-10	-4.725E-09	-5.584E-10
612	666	Qs	2.681E-11	-4.703E-09	-6.249E-10
612	665	Qs	-1.114E-10	-3.830E-09	-5.806E-10
612	640	T+	0.	0.	0.
612	641	T+	0.	0.	0.
612	666	T+	0.	0.	0.
612	665	T+	0.	0.	0.
612	640	T-	0.	0.	0.
612	641	T-	0.	0.	0.
612	666	T-	0.	0.	0.
612	665	T-	0.	0.	0.
612	640	W	29.414	9.5683	-4.0489
612	641	W	-10.5814	0.5932	-5.449
612	666	W	1.8	2.0901	1.2341
612	665	W	-2.5651	10.8721	2.6342
612	640	Qm-1	0.104	0.8159	-0.2204
612	641	Qm-1	0.0918	0.7395	-0.209
612	666	Qm-1	1.104E-04	0.682	-0.2136
612	665	Qm-1	3.760E-04	0.7796	-0.225
612	640	Qm-2	0.0144	0.2	0.0901
612	641	Qm-2	0.0151	0.2153	0.0915
612	666	Qm-2	-5.952E-05	0.2072	0.0924
612	665	Qm-2	-6.772E-05	0.1958	0.0911
613	641	DEAD	0.	0.	0.
613	642	DEAD	0.	0.	0.
613	667	DEAD	0.	0.	0.
613	666	DEAD	0.	0.	0.
613	641	G1	-5.556E-09	-5.576E-08	-7.911E-09
613	642	G1	-8.300E-09	-6.580E-08	-8.265E-09
613	667	G1	8.721E-10	-5.980E-08	-8.265E-09
613	666	G1	6.988E-10	-5.698E-08	-7.911E-09
613	641	G2	-0.009	-0.4634	-0.0024
613	642	G2	-0.0702	-0.5815	-0.0059
613	667	G2	-8.045E-04	-0.6047	-0.0056
613	666	G2	0.0027	-0.4073	-0.0021
613	641	Qm	0.1205	1.206	-0.1765
613	642	Qm	0.1294	1.2925	-0.1878
613	667	Qm	-4.184E-04	1.2951	-0.1824
613	666	Qm	-4.885E-04	1.2077	-0.1711
613	641	Qs	-6.255E-10	-4.667E-09	-5.362E-10
613	642	Qs	-4.391E-10	-4.886E-09	-5.806E-10
613	667	Qs	-8.797E-11	-4.506E-09	-6.027E-10
613	666	Qs	1.095E-10	-4.670E-09	-5.584E-10
613	641	T+	0.	0.	0.

Table 27: Element Forces - Area Shells, Part 2 of 3

Area	Joint	OutputCase	M11	M22	M12
			KN-mm/mm	KN-mm/mm	KN-mm/mm
613	642	T+	0.	0.	0.
613	667	T+	0.	0.	0.
613	666	T+	0.	0.	0.
613	641	T-	0.	0.	0.
613	642	T-	0.	0.	0.
613	667	T-	0.	0.	0.
613	666	T-	0.	0.	0.
613	641	W	-10.6038	0.4814	-1.3214
613	642	W	-0.7701	2.0262	-0.9142
613	667	W	-0.7344	0.4637	-2.4383
613	666	W	1.9015	2.5978	-2.8455
613	641	Qm-1	0.092	0.7403	-0.1896
613	642	Qm-1	0.069	0.5702	-0.1667
613	667	Qm-1	0.0012	0.4846	-0.1775
613	666	Qm-1	6.039E-04	0.6844	-0.2003
613	641	Qm-2	0.0151	0.2155	0.0939
613	642	Qm-2	0.01	0.215	0.0977
613	667	Qm-2	2.468E-04	0.1994	0.0983
613	666	Qm-2	4.662E-05	0.2077	0.0945
614	642	DEAD	0.	0.	0.
614	643	DEAD	0.	0.	0.
614	668	DEAD	0.	0.	0.
614	667	DEAD	0.	0.	0.
614	642	G1	-9.047E-09	-6.531E-08	-9.309E-09
614	643	G1	-9.029E-09	-6.719E-08	-8.954E-09
614	668	G1	-5.722E-09	-6.996E-08	-7.891E-09
614	667	G1	1.478E-09	-6.147E-08	-8.245E-09
614	642	G2	-0.0711	-0.5861	0.0065
614	643	G2	-0.0888	-0.6652	0.0211
614	668	G2	-3.629E-04	-0.6914	0.0178
614	667	G2	5.582E-04	-0.5979	0.0032
614	642	Qm	0.1294	1.2927	-0.2015
614	643	Qm	0.1271	1.4115	-0.2112
614	668	Qm	-2.441E-04	1.4036	-0.2013
614	667	Qm	-3.481E-04	1.2954	-0.1916
614	642	Qs	-4.356E-10	-4.864E-09	-7.098E-10
614	643	Qs	-8.994E-10	-4.506E-09	-7.320E-10
614	668	Qs	-6.988E-11	-4.498E-09	-6.211E-10
614	667	Qs	-2.012E-10	-4.606E-09	-5.990E-10
614	642	T+	0.	0.	0.
614	643	T+	0.	0.	0.
614	668	T+	0.	0.	0.
614	667	T+	0.	0.	0.
614	642	T-	0.	0.	0.
614	643	T-	0.	0.	0.
614	668	T-	0.	0.	0.
614	667	T-	0.	0.	0.
614	642	W	-0.7823	1.9651	-1.1823
614	643	W	-2.5157	1.5502	-0.6191
614	668	W	0.16	0.8262	-0.4465
614	667	W	-0.7205	0.5333	-1.0097
614	642	Qm-1	0.0691	0.5706	-0.1298
614	643	Qm-1	0.0645	0.2393	-0.0987
614	668	Qm-1	0.0018	0.1481	-0.1257

Table 27: Element Forces - Area Shells, Part 2 of 3

Area	Joint	OutputCase	M11	M22	M12
			KN-mm/mm	KN-mm/mm	KN-mm/mm
614	667	Qm-1	0.0016	0.4865	-0.1568
614	642	Qm-2	0.0101	0.2153	0.1049
614	643	Qm-2	0.0075	0.1779	0.1113
614	668	Qm-2	4.739E-04	0.1592	0.1085
614	667	Qm-2	3.442E-04	0.1999	0.1021
615	643	DEAD	0.	0.	0.
615	644	DEAD	0.	0.	0.
615	669	DEAD	0.	0.	0.
615	668	DEAD	0.	0.	0.
615	643	G1	-8.900E-09	-6.478E-08	-6.103E-09
615	644	G1	-1.032E-08	-8.140E-08	-5.748E-09
615	669	G1	4.267E-09	-7.448E-08	-8.230E-09
615	668	G1	-4.601E-09	-6.877E-08	-8.585E-09
615	643	G2	-0.0889	-0.6657	0.0379
615	644	G2	-0.0912	-0.6952	0.0559
615	669	G2	-1.907E-04	-0.721	0.0538
615	668	G2	-1.469E-04	-0.6903	0.0359
615	643	Qm	0.1271	1.4117	-0.2193
615	644	Qm	0.1189	1.536	-0.2235
615	669	Qm	5.260E-05	1.5137	-0.212
615	668	Qm	1.287E-05	1.4049	-0.2079
615	643	Qs	-8.631E-10	-4.532E-09	-6.211E-10
615	644	Qs	-6.526E-10	-4.544E-09	-6.211E-10
615	669	Qs	1.177E-10	-4.416E-09	-7.098E-10
615	668	Qs	-9.288E-11	-4.405E-09	-7.098E-10
615	643	T+	0.	0.	0.
615	644	T+	0.	0.	0.
615	669	T+	0.	0.	0.
615	668	T+	0.	0.	0.
615	643	T-	0.	0.	0.
615	644	T-	0.	0.	0.
615	669	T-	0.	0.	0.
615	668	T-	0.	0.	0.
615	643	W	-2.5153	1.5519	-0.012
615	644	W	-2.5091	1.8646	0.5163
615	669	W	0.1582	1.1324	0.5411
615	668	W	0.1581	0.8166	0.0128
615	643	Qm-1	0.0646	0.2395	-0.0575
615	644	Qm-1	0.0899	-0.2705	-0.032
615	669	Qm-1	0.0015	-0.3303	-0.0784
615	668	Qm-1	0.0015	0.1466	-0.1039
615	643	Qm-2	0.0075	0.178	0.1206
615	644	Qm-2	0.0126	0.0934	0.1261
615	669	Qm-2	3.679E-04	0.0823	0.1184
615	668	Qm-2	4.213E-04	0.1589	0.1129
616	644	DEAD	0.	0.	0.
616	645	DEAD	0.	0.	0.
616	670	DEAD	0.	0.	0.
616	669	DEAD	0.	0.	0.
616	644	G1	-1.128E-08	-8.128E-08	-7.316E-09
616	645	G1	-4.238E-09	-8.961E-08	-5.898E-09
616	670	G1	-5.027E-09	-9.791E-08	-6.607E-09
616	669	G1	4.673E-09	-7.591E-08	-8.026E-09
616	644	G2	-0.0911	-0.6949	0.0731

Table 27: Element Forces - Area Shells, Part 2 of 3

Area	Joint	OutputCase	M11	M22	M12
			KN-mm/mm	KN-mm/mm	KN-mm/mm
616	645	G2	-0.078	-0.6731	0.0887
616	670	G2	4.926E-04	-0.6875	0.0882
616	669	G2	-3.421E-04	-0.7217	0.0725
616	644	Qm	0.1189	1.536	-0.2233
616	645	Qm	0.1106	1.6326	-0.2214
616	670	Qm	2.618E-04	1.5984	-0.2122
616	669	Qm	3.583E-04	1.5152	-0.2141
616	644	Qs	-7.470E-10	-4.588E-09	-6.970E-10
616	645	Qs	-8.041E-10	-4.573E-09	-6.527E-10
616	670	Qs	-7.367E-11	-4.813E-09	-6.083E-10
616	669	Qs	1.850E-10	-4.282E-09	-6.527E-10
616	644	T+	0.	0.	0.
616	645	T+	0.	0.	0.
616	670	T+	0.	0.	0.
616	669	T+	0.	0.	0.
616	644	T-	0.	0.	0.
616	645	T-	0.	0.	0.
616	670	T-	0.	0.	0.
616	669	T-	0.	0.	0.
616	644	W	-2.5094	1.8632	1.1218
616	645	W	-0.7642	2.8998	1.682
616	670	W	-0.7203	1.4759	1.5589
616	669	W	0.1599	1.1411	0.9988
616	644	Qm-1	0.0898	-0.2707	-0.0088
616	645	Qm-1	0.1329	-0.8846	-0.0026
616	670	Qm-1	3.314E-05	-0.8942	-0.0603
616	669	Qm-1	5.603E-04	-0.335	-0.0665
616	644	Qm-2	0.0125	0.0932	0.1312
616	645	Qm-2	0.0215	-0.0199	0.132
616	670	Qm-2	-1.135E-07	-0.0185	0.1213
616	669	Qm-2	1.560E-04	0.0812	0.1205
617	645	DEAD	0.	0.	0.
617	646	DEAD	0.	0.	0.
617	671	DEAD	0.	0.	0.
617	670	DEAD	0.	0.	0.
617	645	G1	-5.602E-09	-9.264E-08	-3.216E-09
617	646	G1	-8.612E-09	-1.135E-07	-3.571E-09
617	671	G1	5.525E-09	-1.062E-07	-6.408E-09
617	670	G1	-2.982E-09	-9.495E-08	-6.053E-09
617	645	G2	-0.0771	-0.6686	0.1026
617	646	G2	-0.0202	-0.6025	0.1012
617	671	G2	0.0026	-0.5506	0.0973
617	670	G2	-8.080E-04	-0.694	0.0987
617	645	Qm	0.1106	1.6324	-0.2146
617	646	Qm	0.1041	1.6772	-0.208
617	671	Qm	3.398E-04	1.6358	-0.2033
617	670	Qm	5.117E-04	1.5997	-0.2098
617	645	Qs	-8.457E-10	-4.713E-09	-5.234E-10
617	646	Qs	-7.474E-10	-4.940E-09	-5.013E-10
617	671	Qs	2.266E-10	-4.871E-09	-5.899E-10
617	670	Qs	3.508E-12	-4.577E-09	-6.121E-10
617	645	T+	0.	0.	0.
617	646	T+	0.	0.	0.
617	671	T+	0.	0.	0.

Table 27: Element Forces - Area Shells, Part 2 of 3

Area	Joint	OutputCase	M11	M22	M12
			KN-mm/mm	KN-mm/mm	KN-mm/mm
617	670	T+	0.	0.	0.
617	645	T-	0.	0.	0.
617	646	T-	0.	0.	0.
617	671	T-	0.	0.	0.
617	670	T-	0.	0.	0.
617	645	W	-0.7519	2.9612	1.4097
617	646	W	-10.5748	2.0273	1.811
617	671	W	1.9014	4.1556	3.384
617	670	W	-0.7344	1.4054	2.9827
617	645	Qm-1	0.1327	-0.8853	-0.0102
617	646	Qm-1	0.1615	-1.4791	-0.0256
617	671	Qm-1	-6.690E-04	-1.4506	-0.0793
617	670	Qm-1	-9.704E-04	-0.8992	-0.064
617	645	Qm-2	0.0214	-0.02	0.1295
617	646	Qm-2	0.0257	-0.13	0.1253
617	671	Qm-2	-2.065E-04	-0.1197	0.1156
617	670	Qm-2	-2.355E-04	-0.0197	0.1198
618	646	DEAD	0.	0.	0.
618	647	DEAD	0.	0.	0.
618	672	DEAD	0.	0.	0.
618	671	DEAD	0.	0.	0.
618	646	G1	-8.732E-09	-1.108E-07	-5.324E-09
618	647	G1	-4.766E-09	-1.251E-07	-5.324E-09
618	672	G1	-2.836E-09	-1.228E-07	-5.324E-09
618	671	G1	5.253E-09	-1.090E-07	-5.324E-09
618	646	G2	-0.0218	-0.6108	0.0935
618	647	G2	0.1533	-0.2852	0.1039
618	672	G2	-0.0063	-0.4291	0.0879
618	671	G2	0.004	-0.5435	0.0775
618	646	Qm	0.1041	1.677	-0.1972
618	647	Qm	0.0982	1.6595	-0.1876
618	672	Qm	3.654E-04	1.6136	-0.188
618	671	Qm	5.145E-04	1.6367	-0.1976
618	646	Qs	-8.481E-10	-4.894E-09	-5.259E-10
618	647	Qs	-6.513E-10	-5.212E-09	-4.654E-10
618	672	Qs	6.903E-11	-5.029E-09	-4.595E-10
618	671	Qs	2.658E-10	-4.816E-09	-4.432E-10
618	646	T+	0.	0.	0.
618	647	T+	0.	0.	0.
618	672	T+	0.	0.	0.
618	671	T+	0.	0.	0.
618	646	T-	0.	0.	0.
618	647	T-	0.	0.	0.
618	672	T-	0.	0.	0.
618	671	T-	0.	0.	0.
618	646	W	-10.5524	2.1394	5.9319
618	647	W	29.449	11.707	4.5237
618	672	W	-2.5638	13.0263	-2.1114
618	671	W	1.7997	3.6472	-0.7032
618	646	Qm-1	0.1616	-1.4784	-0.0554
618	647	Qm-1	0.1729	-1.958	-0.0839
618	672	Qm-1	-0.0011	-1.9126	-0.1254
618	671	Qm-1	-0.0014	-1.4543	-0.0969
618	646	Qm-2	0.0257	-0.1298	0.1177

Table 27: Element Forces - Area Shells, Part 2 of 3

Area	Joint	OutputCase	M11	M22	M12
			KN-mm/mm	KN-mm/mm	KN-mm/mm
618	647	Qm-2	0.0246	-0.2125	0.1111
618	672	Qm-2	-2.067E-04	-0.2003	0.1046
618	671	Qm-2	-3.445E-04	-0.1204	0.1112
619	647	DEAD	0.	0.	0.
619	648	DEAD	0.	0.	0.
619	673	DEAD	0.	0.	0.
619	672	DEAD	0.	0.	0.
619	647	G1	-4.224E-09	-1.206E-07	-5.379E-09
619	648	G1	-1.277E-08	-1.323E-07	-5.733E-09
619	673	G1	5.639E-10	-1.275E-07	-6.088E-09
619	672	G1	-1.559E-09	-1.230E-07	-5.733E-09
619	647	G2	0.1533	-0.2853	0.1212
619	648	G2	-0.0251	-0.5883	0.1319
619	673	G2	0.004	-0.5223	0.1505
619	672	G2	-0.0063	-0.429	0.1397
619	647	Qm	0.0981	1.6593	-0.1743
619	648	Qm	0.0917	1.5776	-0.1625
619	673	Qm	3.570E-04	1.5286	-0.1681
619	672	Qm	4.938E-04	1.6143	-0.1799
619	647	Qs	-7.022E-10	-4.992E-09	-4.393E-10
619	648	Qs	-9.473E-10	-5.129E-09	-3.810E-10
619	673	Qs	-8.160E-11	-5.147E-09	-3.285E-10
619	672	Qs	1.443E-10	-4.990E-09	-4.253E-10
619	647	T+	0.	0.	0.
619	648	T+	0.	0.	0.
619	673	T+	0.	0.	0.
619	672	T+	0.	0.	0.
619	647	T-	0.	0.	0.
619	648	T-	0.	0.	0.
619	673	T-	0.	0.	0.
619	672	T-	0.	0.	0.
619	647	W	29.4492	11.708	-4.7446
619	648	W	-10.4881	2.7242	-6.161
619	673	W	1.8033	4.2629	0.51
619	672	W	-2.5643	13.0237	1.9264
619	647	Qm-1	0.1729	-1.9576	-0.1239
619	648	Qm-1	0.1738	-2.2759	-0.1581
619	673	Qm-1	-0.0013	-2.225	-0.1845
619	672	Qm-1	-0.0014	-1.9142	-0.1503
619	647	Qm-2	0.0246	-0.2124	0.1027
619	648	Qm-2	0.0229	-0.2608	0.0957
619	673	Qm-2	-1.932E-04	-0.2486	0.092
619	672	Qm-2	-2.441E-04	-0.2005	0.099
620	648	DEAD	0.	0.	0.
620	649	DEAD	0.	0.	0.
620	674	DEAD	0.	0.	0.
620	673	DEAD	0.	0.	0.
620	648	G1	-1.056E-08	-1.324E-07	-6.402E-09
620	649	G1	-1.100E-08	-1.370E-07	-6.143E-09
620	674	G1	8.813E-10	-1.359E-07	-7.112E-09
620	673	G1	2.552E-10	-1.275E-07	-6.143E-09
620	648	G2	-0.0235	-0.5801	0.1249
620	649	G2	-0.0832	-0.6202	0.1246
620	674	G2	-8.556E-04	-0.6477	0.1311

Table 27: Element Forces - Area Shells, Part 2 of 3

Area	Joint	OutputCase	M11	M22	M12
			KN-mm/mm	KN-mm/mm	KN-mm/mm
620	673	G2	0.0026	-0.5292	0.1315
620	648	Qm	0.0917	1.5775	-0.1474
620	649	Qm	0.0845	1.4344	-0.1339
620	674	Qm	3.295E-04	1.3829	-0.1444
620	673	Qm	4.626E-04	1.5291	-0.1579
620	648	Qs	-1.020E-09	-5.256E-09	-3.263E-10
620	649	Qs	-1.162E-09	-5.458E-09	-2.739E-10
620	674	Qs	1.658E-10	-5.311E-09	-3.263E-10
620	673	Qs	1.066E-10	-4.965E-09	-3.404E-10
620	648	T+	0.	0.	0.
620	649	T+	0.	0.	0.
620	674	T+	0.	0.	0.
620	673	T+	0.	0.	0.
620	648	T-	0.	0.	0.
620	649	T-	0.	0.	0.
620	674	T-	0.	0.	0.
620	673	T-	0.	0.	0.
620	648	W	-10.51	2.6145	-2.0542
620	649	W	-0.5865	4.12	-1.6798
620	674	W	-0.7433	2.6234	-3.2222
620	673	W	1.9038	4.7655	-3.5966
620	648	Qm-1	0.1738	-2.2759	-0.2017
620	649	Qm-1	0.1686	-2.4096	-0.2368
620	674	Qm-1	-0.0015	-2.3604	-0.2469
620	673	Qm-1	-0.0014	-2.2252	-0.2117
620	648	Qm-2	0.0229	-0.2607	0.0874
620	649	Qm-2	0.0237	-0.2739	0.0804
620	674	Qm-2	-1.831E-04	-0.2613	0.0791
620	673	Qm-2	-2.039E-04	-0.2487	0.0862
621	649	DEAD	0.	0.	0.
621	650	DEAD	0.	0.	0.
621	675	DEAD	0.	0.	0.
621	674	DEAD	0.	0.	0.
621	649	G1	-1.121E-08	-1.333E-07	-5.514E-09
621	650	G1	-1.423E-08	-1.332E-07	-4.095E-09
621	675	G1	-4.365E-10	-1.295E-07	-2.677E-09
621	674	G1	1.509E-09	-1.386E-07	-4.095E-09
621	649	G2	-0.0842	-0.6247	0.1395
621	650	G2	-0.099	-0.6133	0.1566
621	675	G2	-3.872E-04	-0.6423	0.1603
621	674	G2	4.687E-04	-0.6411	0.1432
621	649	Qm	0.0845	1.4342	-0.1174
621	650	Qm	0.077	1.2361	-0.1025
621	675	Qm	2.922E-04	1.1834	-0.1175
621	674	Qm	4.142E-04	1.3834	-0.1324
621	649	Qs	-1.062E-09	-5.139E-09	-2.226E-10
621	650	Qs	-1.172E-09	-5.202E-09	-4.525E-11
621	675	Qs	-8.664E-11	-5.250E-09	4.341E-11
621	674	Qs	1.965E-10	-5.474E-09	-1.339E-10
621	649	T+	0.	0.	0.
621	650	T+	0.	0.	0.
621	675	T+	0.	0.	0.
621	674	T+	0.	0.	0.
621	649	T-	0.	0.	0.

Table 27: Element Forces - Area Shells, Part 2 of 3

Area	Joint	OutputCase	M11	M22	M12
			KN-mm/mm	KN-mm/mm	KN-mm/mm
621	650	T-	0.	0.	0.
621	675	T-	0.	0.	0.
621	674	T-	0.	0.	0.
621	649	W	-0.5981	4.0618	-1.9878
621	650	W	-2.294	3.546	-1.4796
621	675	W	0.1984	2.9547	-1.3302
621	674	W	-0.7308	2.6859	-1.8383
621	649	Qm-1	0.1686	-2.4099	-0.2798
621	650	Qm-1	0.1575	-2.3511	-0.3123
621	675	Qm-1	-0.0016	-2.3112	-0.3055
621	674	Qm-1	-0.0013	-2.3596	-0.273
621	649	Qm-2	0.0237	-0.2739	0.0719
621	650	Qm-2	0.0272	-0.2519	0.0644
621	675	Qm-2	-2.111E-04	-0.2385	0.0655
621	674	Qm-2	-2.049E-04	-0.2614	0.0731
622	650	DEAD	0.	0.	0.
622	651	DEAD	0.	0.	0.
622	676	DEAD	0.	0.	0.
622	675	DEAD	0.	0.	0.
622	650	G1	-1.480E-08	-1.350E-07	-3.985E-09
622	651	G1	-1.244E-08	-1.123E-07	-3.985E-09
622	676	G1	-1.098E-09	-1.122E-07	-2.567E-09
622	675	G1	-1.761E-09	-1.301E-07	-2.567E-09
622	650	G2	-0.099	-0.6135	0.1752
622	651	G2	-0.0957	-0.5398	0.1944
622	676	G2	-1.137E-04	-0.5651	0.2
622	675	G2	-2.527E-04	-0.6416	0.1807
622	650	Qm	0.077	1.2359	-0.0852
622	651	Qm	0.0705	0.9927	-0.0696
622	676	Qm	2.466E-04	0.941	-0.0885
622	675	Qm	3.387E-04	1.1836	-0.1041
622	650	Qs	-1.032E-09	-5.166E-09	8.021E-11
622	651	Qs	-1.110E-09	-4.370E-09	1.245E-10
622	676	Qs	1.872E-10	-4.125E-09	1.245E-10
622	675	Qs	-1.569E-10	-5.190E-09	8.021E-11
622	650	T+	0.	0.	0.
622	651	T+	0.	0.	0.
622	676	T+	0.	0.	0.
622	675	T+	0.	0.	0.
622	650	T-	0.	0.	0.
622	651	T-	0.	0.	0.
622	676	T-	0.	0.	0.
622	675	T-	0.	0.	0.
622	650	W	-2.2923	3.5544	-0.9154
622	651	W	-1.8092	3.7662	-0.4811
622	676	W	0.0467	3.1724	-0.5322
622	675	W	0.1938	2.932	-0.9665
622	650	Qm-1	0.1574	-2.3517	-0.3507
622	651	Qm-1	0.1365	-2.1077	-0.376
622	676	Qm-1	-0.0017	-2.0885	-0.3522
622	675	Qm-1	-0.0012	-2.3091	-0.3269
622	650	Qm-2	0.0272	-0.252	0.0552
622	651	Qm-2	0.031	-0.1961	0.0474
622	676	Qm-2	-2.913E-04	-0.1838	0.0512

Table 27: Element Forces - Area Shells, Part 2 of 3

Area	Joint	OutputCase	M11	M22	M12
			KN-mm/mm	KN-mm/mm	KN-mm/mm
622	675	Qm-2	-2.147E-04	-0.2385	0.0591
623	651	DEAD	0.	0.	0.
623	652	DEAD	0.	0.	0.
623	677	DEAD	0.	0.	0.
623	676	DEAD	0.	0.	0.
623	651	G1	-1.161E-08	-1.129E-07	-3.985E-09
623	652	G1	-6.075E-09	-8.537E-08	-3.631E-09
623	677	G1	-1.855E-09	-8.648E-08	-2.567E-09
623	676	G1	-1.553E-09	-1.106E-07	-2.921E-09
623	651	G2	-0.0955	-0.539	0.2119
623	652	G2	-0.0704	-0.4002	0.2261
623	677	G2	6.423E-04	-0.407	0.2331
623	676	G2	-4.436E-04	-0.5668	0.2189
623	651	Qm	0.0704	0.9927	-0.0526
623	652	Qm	0.0667	0.7197	-0.0378
623	677	Qm	1.889E-04	0.6728	-0.0595
623	676	Qm	2.160E-04	0.9408	-0.0744
623	651	Qs	-1.029E-09	-4.319E-09	1.174E-10
623	652	Qs	-5.154E-10	-3.060E-09	1.617E-10
623	677	Qs	-1.704E-10	-3.216E-09	2.282E-10
623	676	Qs	1.219E-10	-4.129E-09	1.838E-10
623	651	T+	0.	0.	0.
623	652	T+	0.	0.	0.
623	677	T+	0.	0.	0.
623	676	T+	0.	0.	0.
623	651	T-	0.	0.	0.
623	652	T-	0.	0.	0.
623	677	T-	0.	0.	0.
623	676	T-	0.	0.	0.
623	651	W	-1.8076	3.7743	-0.056
623	652	W	-0.8107	4.3631	0.3386
623	677	W	-0.3592	3.5454	0.2556
623	676	W	0.0439	3.1584	-0.139
623	651	Qm-1	0.1363	-2.1087	-0.4036
623	652	Qm-1	0.098	-1.709	-0.4144
623	677	Qm-1	-0.0014	-1.7287	-0.3749
623	676	Qm-1	-9.184E-04	-2.0844	-0.364
623	651	Qm-2	0.031	-0.1961	0.0384
623	652	Qm-2	0.0308	-0.1133	0.0321
623	677	Qm-2	-1.735E-04	-0.1081	0.0387
623	676	Qm-2	-2.109E-04	-0.1834	0.0451
624	652	DEAD	0.	0.	0.
624	653	DEAD	0.	0.	0.
624	678	DEAD	0.	0.	0.
624	677	DEAD	0.	0.	0.
624	652	G1	-7.034E-09	-8.563E-08	-3.166E-09
624	653	G1	-5.550E-09	-6.119E-08	-3.166E-09
624	678	G1	1.301E-09	-6.098E-08	-1.748E-09
624	677	G1	1.242E-10	-8.388E-08	-1.748E-09
624	652	G2	-0.0693	-0.3947	0.2369
624	653	G2	0.0138	-0.1951	0.2278
624	678	G2	0.0036	-0.1188	0.2302
624	677	G2	-0.0011	-0.4156	0.2393
624	652	Qm	0.0667	0.7196	-0.0233

Table 27: Element Forces - Area Shells, Part 2 of 3

Area	Joint	OutputCase	M11	M22	M12
			KN-mm/mm	KN-mm/mm	KN-mm/mm
624	653	Qm	0.0681	0.4412	-0.0115
624	678	Qm	-6.400E-05	0.4053	-0.0345
624	677	Qm	3.817E-05	0.6721	-0.0463
624	652	Qs	-5.946E-10	-3.130E-09	2.466E-10
624	653	Qs	-6.953E-10	-2.411E-09	2.466E-10
624	678	Qs	1.147E-10	-2.110E-09	2.909E-10
624	677	Qs	-1.301E-10	-3.175E-09	2.909E-10
624	652	T+	0.	0.	0.
624	653	T+	0.	0.	0.
624	678	T+	0.	0.	0.
624	677	T+	0.	0.	0.
624	652	T-	0.	0.	0.
624	653	T-	0.	0.	0.
624	678	T-	0.	0.	0.
624	677	T-	0.	0.	0.
624	652	W	-0.8023	4.4054	0.2888
624	653	W	-5.4884	4.1451	0.52
624	678	W	0.9975	5.3403	1.2776
624	677	W	-0.3716	3.4834	1.0463
624	652	Qm-1	0.0981	-1.7088	-0.4198
624	653	Qm-1	0.0438	-1.2276	-0.4079
624	678	Qm-1	-4.591E-04	-1.2987	-0.3588
624	677	Qm-1	-2.915E-04	-1.7232	-0.3707
624	652	Qm-2	0.0308	-0.113	0.027
624	653	Qm-2	0.0279	-0.0275	0.0243
624	678	Qm-2	2.874E-04	-0.0319	0.0316
624	677	Qm-2	-1.933E-05	-0.1073	0.0343
625	653	DEAD	0.	0.	0.
625	654	DEAD	0.	0.	0.
625	679	DEAD	0.	0.	0.
625	678	DEAD	0.	0.	0.
625	653	G1	-6.942E-09	-6.101E-08	-3.671E-09
625	654	G1	-1.037E-08	-3.906E-08	-4.026E-09
625	679	G1	-7.360E-10	-3.636E-08	-8.337E-10
625	678	G1	1.156E-09	-6.229E-08	-4.791E-10
625	653	G2	0.0132	-0.1982	0.2111
625	654	G2	0.2653	0.2669	0.1925
625	679	G2	-0.0029	0.222	0.1749
625	678	G2	0.0034	-0.1197	0.1935
625	653	Qm	0.0681	0.4411	-0.0033
625	654	Qm	0.0731	0.1965	0.0028
625	679	Qm	-3.691E-04	0.1755	-0.0179
625	678	Qm	-3.250E-04	0.404	-0.0241
625	653	Qs	-6.113E-10	-2.151E-09	1.877E-10
625	654	Qs	-4.763E-10	-1.382E-09	1.353E-10
625	679	Qs	-2.013E-10	-1.298E-09	2.986E-10
625	678	Qs	6.677E-11	-2.125E-09	3.126E-10
625	653	T+	0.	0.	0.
625	654	T+	0.	0.	0.
625	679	T+	0.	0.	0.
625	678	T+	0.	0.	0.
625	653	T-	0.	0.	0.
625	654	T-	0.	0.	0.
625	679	T-	0.	0.	0.

Table 27: Element Forces - Area Shells, Part 2 of 3

Area	Joint	OutputCase	M11	M22	M12
			KN-mm/mm	KN-mm/mm	KN-mm/mm
625	678	T-	0.	0.	0.
625	653	W	-5.4324	4.425	2.6709
625	654	W	16.436	8.6051	1.3577
625	679	W	-1.2127	12.2546	-2.2755
625	678	W	0.8923	4.8142	-0.9623
625	653	Qm-1	0.0436	-1.2282	-0.3825
625	654	Qm-1	-0.0016	-0.7659	-0.3493
625	679	Qm-1	0.0013	-0.8685	-0.3031
625	678	Qm-1	6.725E-04	-1.2931	-0.3363
625	653	Qm-2	0.028	-0.0271	0.0253
625	654	Qm-2	0.0316	0.0292	0.0255
625	679	Qm-2	3.963E-04	0.0208	0.0293
625	678	Qm-2	3.934E-04	-0.0314	0.0291
626	654	DEAD	0.	0.	0.
626	655	DEAD	0.	0.	0.
626	680	DEAD	0.	0.	0.
626	679	DEAD	0.	0.	0.
626	654	G1	-9.572E-09	-4.051E-08	-2.123E-09
626	655	G1	3.759E-10	-1.473E-08	-1.768E-09
626	680	G1	-1.289E-10	-1.352E-08	-1.768E-09
626	679	G1	-5.551E-10	-3.960E-08	-2.123E-09
626	654	G2	0.2642	0.2611	0.1764
626	655	G2	0.3072	0.3043	0.1603
626	680	G2	3.761E-04	0.3028	0.1558
626	679	G2	-0.0022	0.2255	0.172
626	654	Qm	0.0731	0.1961	0.002
626	655	Qm	0.0758	0.0355	0.0024
626	680	Qm	-0.0014	0.0256	-0.0109
626	679	Qm	-6.217E-04	0.1742	-0.0112
626	654	Qs	-5.039E-10	-1.617E-09	2.060E-10
626	655	Qs	-6.042E-11	-4.276E-10	1.233E-10
626	680	Qs	1.168E-10	-2.423E-10	1.395E-10
626	679	Qs	-2.211E-10	-1.364E-09	1.455E-10
626	654	T+	0.	0.	0.
626	655	T+	0.	0.	0.
626	680	T+	0.	0.	0.
626	679	T+	0.	0.	0.
626	654	T-	0.	0.	0.
626	655	T-	0.	0.	0.
626	680	T-	0.	0.	0.
626	679	T-	0.	0.	0.
626	654	W	16.0639	6.7446	-4.5348
626	655	W	-3.4279	20.4902	-1.2868
626	680	W	-0.5663	-5.4808	2.4731
626	679	W	-0.7986	14.3251	-0.7749
626	654	Qm-1	-0.0021	-0.7686	-0.3069
626	655	Qm-1	-0.0417	-0.3625	-0.2616
626	680	Qm-1	-0.0059	-0.4762	-0.2186
626	679	Qm-1	0.0021	-0.8641	-0.2639
626	654	Qm-2	0.0317	0.0294	0.029
626	655	Qm-2	0.0454	0.0353	0.0279
626	680	Qm-2	0.0012	0.0347	0.0257
626	679	Qm-2	3.058E-04	0.0203	0.0268
627	655	DEAD	0.	0.	0.

Table 27: Element Forces - Area Shells, Part 2 of 3

Area	Joint	OutputCase	M11	M22	M12
			KN-mm/mm	KN-mm/mm	KN-mm/mm
627	656	DEAD	0.	0.	0.
627	7	DEAD	0.	0.	0.
627	680	DEAD	0.	0.	0.
627	655	G1	8.744E-10	-1.334E-08	-2.457E-09
627	656	G1	-1.999E-09	-2.038E-09	-3.521E-09
627	7	G1	2.914E-09	2.178E-09	-2.457E-09
627	680	G1	-4.850E-11	-1.250E-08	-1.393E-09
627	655	G2	0.3083	0.3099	0.1373
627	656	G2	0.1881	0.0017	0.1202
627	7	G2	-1.865E-05	-0.0051	0.1196
627	680	G2	-2.344E-04	0.2997	0.1368
627	655	Qm	0.0758	0.0353	-0.0058
627	656	Qm	0.0658	-0.0016	-0.0098
627	7	Qm	5.787E-04	-1.773E-04	-0.0108
627	680	Qm	-0.0016	0.0246	-0.0068
627	655	Qs	3.359E-11	-3.246E-10	7.336E-11
627	656	Qs	4.299E-11	-1.268E-10	6.858E-12
627	7	Qs	3.359E-11	7.875E-12	2.902E-11
627	680	Qs	8.178E-11	-1.323E-10	9.552E-11
627	655	T+	0.	0.	0.
627	656	T+	0.	0.	0.
627	7	T+	0.	0.	0.
627	680	T+	0.	0.	0.
627	655	T-	0.	0.	0.
627	656	T-	0.	0.	0.
627	7	T-	0.	0.	0.
627	680	T-	0.	0.	0.
627	655	W	-10.5748	-15.244	1.0652
627	656	W	-4.5379	2.0561	-2.7947
627	7	W	-1.3813	-1.993	-3.0164
627	680	W	2.6517	10.6093	0.8435
627	655	Qm-1	-0.042	-0.3638	-0.2212
627	656	Qm-1	-0.1584	-0.0061	-0.1917
627	7	Qm-1	0.0169	0.0104	-0.1371
627	680	Qm-1	-0.0066	-0.4795	-0.1665
627	655	Qm-2	0.0453	0.0348	0.0272
627	656	Qm-2	0.0694	8.737E-04	0.023
627	7	Qm-2	-0.0023	-0.0015	0.0158
627	680	Qm-2	0.0011	0.0341	0.02

Table 27: Element Forces - Area Shells, Part 3 of 3

Table 27: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13	V23
			KN/mm	KN/mm
3	5	DEAD	0.	0.
3	11	DEAD	0.	0.
3	10	DEAD	0.	0.
3	9	DEAD	0.	0.
3	5	G1	7.629E-11	-7.475E-11
3	11	G1	6.620E-11	-5.309E-11
3	10	G1	4.602E-11	-9.997E-11
3	9	G1	5.611E-11	-4.301E-11

Table 27: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13	V23
			KN/mm	KN/mm
3	5	G2	-0.00077	0.00084
3	11	G2	-0.00123	0.00084
3	10	G2	-0.00123	0.00134
3	9	G2	-0.00077	0.00134
3	5	Qm	0.00019	-0.00045
3	11	Qm	1.274E-05	-0.00045
3	10	Qm	1.274E-05	-0.00023
3	9	Qm	0.00019	-0.00023
3	5	Qs	5.960E-12	-3.731E-12
3	11	Qs	4.395E-12	-2.377E-12
3	10	Qs	3.596E-12	-3.731E-12
3	9	Qs	2.976E-12	-1.707E-13
3	5	T+	0.	0.
3	11	T+	0.	0.
3	10	T+	0.	0.
3	9	T+	0.	0.
3	5	T-	0.	0.
3	11	T-	0.	0.
3	10	T-	0.	0.
3	9	T-	0.	0.
3	5	W	-0.06423	-0.03721
3	11	W	0.07893	-0.03721
3	10	W	0.07893	-0.04884
3	9	W	-0.06423	-0.04884
3	5	Qm-1	0.00019	-0.00062
3	11	Qm-1	-6.379E-05	-0.00062
3	10	Qm-1	-6.379E-05	-0.00039
3	9	Qm-1	0.00019	-0.00039
3	5	Qm-2	0.00026	-0.00024
3	11	Qm-2	0.00018	-0.00024
3	10	Qm-2	0.00018	-0.00011
3	9	Qm-2	0.00026	-0.00011
4	11	DEAD	0.	0.
4	13	DEAD	0.	0.
4	12	DEAD	0.	0.
4	10	DEAD	0.	0.
4	11	G1	1.087E-10	-7.906E-11
4	13	G1	4.086E-11	-6.528E-11
4	12	G1	7.335E-11	-5.636E-11
4	10	G1	2.321E-11	-5.267E-11
4	11	G2	-0.00119	-0.0009
4	13	G2	-8.466E-05	-0.0009
4	12	G2	-8.466E-05	-0.00181
4	10	G2	-0.00119	-0.00181
4	11	Qm	-2.340E-05	-6.968E-06
4	13	Qm	-9.681E-06	-6.968E-06
4	12	Qm	-9.681E-06	1.767E-05
4	10	Qm	-2.340E-05	1.767E-05
4	11	Qs	6.096E-12	-4.106E-12
4	13	Qs	3.886E-12	-4.168E-12
4	12	Qs	3.732E-12	-1.900E-12
4	10	Qs	2.940E-12	-5.114E-12
4	11	T+	0.	0.
4	13	T+	0.	0.

Table 27: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13	V23
			KN/mm	KN/mm
4	12	T+	0.	0.
4	10	T+	0.	0.
4	11	T-	0.	0.
4	13	T-	0.	0.
4	12	T-	0.	0.
4	10	T-	0.	0.
4	11	W	0.07958	0.03986
4	13	W	-0.03949	0.03986
4	12	W	-0.03949	0.04247
4	10	W	0.07958	0.04247
4	11	Qm-1	-9.603E-05	-0.00014
4	13	Qm-1	-0.00011	-0.00014
4	12	Qm-1	-0.00011	-0.00014
4	10	Qm-1	-9.603E-05	-0.00014
4	11	Qm-2	0.00016	-3.527E-05
4	13	Qm-2	0.00015	-3.527E-05
4	12	Qm-2	0.00015	-3.584E-05
4	10	Qm-2	0.00016	-3.584E-05
5	13	DEAD	0.	0.
5	15	DEAD	0.	0.
5	14	DEAD	0.	0.
5	12	DEAD	0.	0.
5	13	G1	3.603E-11	-4.912E-11
5	15	G1	8.604E-11	-5.601E-11
5	14	G1	6.881E-11	-4.407E-11
5	12	G1	4.064E-11	-4.592E-11
5	13	G2	-7.613E-05	-0.00104
5	15	G2	0.00027	-0.00104
5	14	G2	0.00027	-0.00061
5	12	G2	-7.613E-05	-0.00061
5	13	Qm	-2.935E-05	0.0002
5	15	Qm	2.155E-05	0.0002
5	14	Qm	2.155E-05	0.00027
5	12	Qm	-2.935E-05	0.00027
5	13	Qs	1.754E-12	-1.766E-12
5	15	Qs	3.788E-12	-1.981E-12
5	14	Qs	4.434E-12	-2.239E-12
5	12	Qs	1.581E-12	-2.296E-12
5	13	T+	0.	0.
5	15	T+	0.	0.
5	14	T+	0.	0.
5	12	T+	0.	0.
5	13	T-	0.	0.
5	15	T-	0.	0.
5	14	T-	0.	0.
5	12	T-	0.	0.
5	13	W	-0.03548	0.00257
5	15	W	-0.00064	0.00257
5	14	W	-0.00064	-0.00674
5	12	W	-0.03548	-0.00674
5	13	Qm-1	-0.00012	7.686E-05
5	15	Qm-1	-0.00011	7.686E-05
5	14	Qm-1	-0.00011	0.00012
5	12	Qm-1	-0.00012	0.00012

Table 27: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13	V23
			KN/mm	KN/mm
5	13	Qm-2	0.00014	3.392E-05
5	15	Qm-2	0.00014	3.392E-05
5	14	Qm-2	0.00014	4.237E-05
5	12	Qm-2	0.00014	4.237E-05
6	15	DEAD	0.	0.
6	17	DEAD	0.	0.
6	16	DEAD	0.	0.
6	14	DEAD	0.	0.
6	15	G1	7.421E-11	-4.997E-11
6	17	G1	5.378E-11	-5.686E-11
6	16	G1	6.412E-11	4.667E-13
6	14	G1	7.144E-11	-1.380E-12
6	15	G2	0.00018	-0.00057
6	17	G2	0.0003	-0.00057
6	16	G2	0.0003	-0.00048
6	14	G2	0.00018	-0.00048
6	15	Qm	-5.177E-06	0.00036
6	17	Qm	5.657E-05	0.00036
6	16	Qm	5.657E-05	0.00043
6	14	Qm	-5.177E-06	0.00043
6	15	Qs	2.682E-12	-1.055E-12
6	17	Qs	3.770E-12	-1.271E-12
6	16	Qs	4.416E-12	-5.826E-13
6	14	Qs	2.509E-12	-6.403E-13
6	15	T+	0.	0.
6	17	T+	0.	0.
6	16	T+	0.	0.
6	14	T+	0.	0.
6	15	T-	0.	0.
6	17	T-	0.	0.
6	16	T-	0.	0.
6	14	T-	0.	0.
6	15	W	-0.00046	0.00108
6	17	W	-0.00821	0.00108
6	16	W	-0.00821	0.00335
6	14	W	-0.00046	0.00335
6	15	Qm-1	-0.00013	0.00025
6	17	Qm-1	-0.00011	0.00025
6	16	Qm-1	-0.00011	0.00029
6	14	Qm-1	-0.00013	0.00029
6	15	Qm-2	0.00014	8.182E-05
6	17	Qm-2	0.00013	8.182E-05
6	16	Qm-2	0.00013	8.453E-05
6	14	Qm-2	0.00014	8.453E-05
7	17	DEAD	0.	0.
7	19	DEAD	0.	0.
7	18	DEAD	0.	0.
7	16	DEAD	0.	0.
7	17	G1	4.402E-11	-3.138E-11
7	19	G1	1.080E-12	-3.483E-11
7	18	G1	3.898E-11	2.410E-11
7	16	G1	3.387E-11	2.318E-11
7	17	G2	0.00028	-0.00035
7	19	G2	0.00032	-0.00035

Table 27: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13	V23
			KN/mm	KN/mm
7	18	G2	0.00032	-0.00032
7	16	G2	0.00028	-0.00032
7	17	Qm	3.398E-05	0.00046
7	19	Qm	6.934E-05	0.00046
7	18	Qm	6.934E-05	0.00051
7	16	Qm	3.398E-05	0.00051
7	17	Qs	3.313E-12	-2.654E-12
7	19	Qs	1.417E-12	-2.869E-12
7	18	Qs	3.786E-12	-1.077E-12
7	16	Qs	2.678E-12	-1.135E-12
7	17	T+	0.	0.
7	19	T+	0.	0.
7	18	T+	0.	0.
7	16	T+	0.	0.
7	17	T-	0.	0.
7	19	T-	0.	0.
7	18	T-	0.	0.
7	16	T-	0.	0.
7	17	W	-0.00836	0.00102
7	19	W	-0.0046	0.00102
7	18	W	-0.0046	0.00045
7	16	W	-0.00836	0.00045
7	17	Qm-1	-0.00012	0.00038
7	19	Qm-1	-0.00012	0.00038
7	18	Qm-1	-0.00012	0.0004
7	16	Qm-1	-0.00012	0.0004
7	17	Qm-2	0.00013	0.00011
7	19	Qm-2	0.00012	0.00011
7	18	Qm-2	0.00012	0.00011
7	16	Qm-2	0.00013	0.00011
8	19	DEAD	0.	0.
8	21	DEAD	0.	0.
8	20	DEAD	0.	0.
8	18	DEAD	0.	0.
8	19	G1	1.874E-12	-3.406E-11
8	21	G1	4.813E-11	-4.095E-11
8	20	G1	8.258E-11	-3.797E-12
8	18	G1	-7.357E-12	-5.643E-12
8	19	G2	0.00032	-0.00016
8	21	G2	0.00031	-0.00016
8	20	G2	0.00031	-0.00018
8	18	G2	0.00032	-0.00018
8	19	Qm	6.036E-05	0.00053
8	21	Qm	4.399E-05	0.00053
8	20	Qm	4.399E-05	0.00053
8	18	Qm	6.036E-05	0.00053
8	19	Qs	2.021E-12	-3.248E-12
8	21	Qs	2.793E-12	-3.678E-12
8	20	Qs	3.439E-12	6.248E-14
8	18	Qs	1.848E-12	-5.291E-14
8	19	T+	0.	0.
8	21	T+	0.	0.
8	20	T+	0.	0.
8	18	T+	0.	0.

Table 27: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13	V23
			KN/mm	KN/mm
8	19	T-	0.	0.
8	21	T-	0.	0.
8	20	T-	0.	0.
8	18	T-	0.	0.
8	19	W	-0.00451	0.00103
8	21	W	-0.01064	0.00103
8	20	W	-0.01064	0.00151
8	18	W	-0.00451	0.00151
8	19	Qm-1	-0.00012	0.00048
8	21	Qm-1	-0.00016	0.00048
8	20	Qm-1	-0.00016	0.00047
8	18	Qm-1	-0.00012	0.00047
8	19	Qm-2	0.00012	0.00014
8	21	Qm-2	8.998E-05	0.00014
8	20	Qm-2	8.998E-05	0.00012
8	18	Qm-2	0.00012	0.00012
9	21	DEAD	0.	0.
9	23	DEAD	0.	0.
9	22	DEAD	0.	0.
9	20	DEAD	0.	0.
9	21	G1	1.358E-10	1.015E-11
9	23	G1	-1.999E-11	9.165E-12
9	22	G1	6.516E-11	3.790E-11
9	20	G1	-1.495E-11	-1.353E-11
9	21	G2	0.00033	6.902E-05
9	23	G2	0.00026	6.902E-05
9	22	G2	0.00026	-1.242E-06
9	20	G2	0.00033	-1.242E-06
9	21	Qm	5.480E-05	0.0006
9	23	Qm	-2.600E-05	0.0006
9	22	Qm	-2.600E-05	0.00055
9	20	Qm	5.480E-05	0.00055
9	21	Qs	2.792E-12	8.913E-13
9	23	Qs	1.177E-12	1.045E-12
9	22	Qs	5.944E-12	-5.273E-13
9	20	Qs	-8.447E-14	-3.684E-12
9	21	T+	0.	0.
9	23	T+	0.	0.
9	22	T+	0.	0.
9	20	T+	0.	0.
9	21	T-	0.	0.
9	23	T-	0.	0.
9	22	T-	0.	0.
9	20	T-	0.	0.
9	21	W	-0.01031	0.00047
9	23	W	0.00352	0.00047
9	22	W	0.00352	-0.00358
9	20	W	-0.01031	-0.00358
9	21	Qm-1	-0.00015	0.00056
9	23	Qm-1	-0.00024	0.00056
9	22	Qm-1	-0.00024	0.00053
9	20	Qm-1	-0.00015	0.00053
9	21	Qm-2	0.0001	0.00017
9	23	Qm-2	5.158E-05	0.00017

Table 27: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13	V23
			KN/mm	KN/mm
9	22	Qm-2	5.158E-05	0.00013
9	20	Qm-2	0.0001	0.00013
10	23	DEAD	0.	0.
10	25	DEAD	0.	0.
10	24	DEAD	0.	0.
10	22	DEAD	0.	0.
10	23	G1	-2.488E-11	-1.418E-11
10	25	G1	6.728E-11	-1.024E-11
10	24	G1	2.051E-11	-4.697E-11
10	22	G1	8.998E-11	-2.033E-11
10	23	G2	0.00033	0.00056
10	25	G2	6.205E-05	0.00056
10	24	G2	6.205E-05	0.00017
10	22	G2	0.00033	0.00017
10	23	Qm	5.141E-06	0.00071
10	25	Qm	-0.00014	0.00071
10	24	Qm	-0.00014	0.00062
10	22	Qm	5.141E-06	0.00062
10	23	Qs	2.054E-12	-2.936E-12
10	25	Qs	4.853E-12	-2.906E-12
10	24	Qs	3.315E-12	-3.252E-12
10	22	Qs	4.065E-12	-1.645E-12
10	23	T+	0.	0.
10	25	T+	0.	0.
10	24	T+	0.	0.
10	22	T+	0.	0.
10	23	T-	0.	0.
10	25	T-	0.	0.
10	24	T-	0.	0.
10	22	T-	0.	0.
10	23	W	0.00298	-0.00307
10	25	W	-0.06016	-0.00307
10	24	W	-0.06016	0.01518
10	22	W	0.00298	0.01518
10	23	Qm-1	-0.00022	0.00063
10	25	Qm-1	-0.00034	0.00063
10	24	Qm-1	-0.00034	0.00058
10	22	Qm-1	-0.00022	0.00058
10	23	Qm-2	6.835E-05	0.00021
10	25	Qm-2	-3.404E-06	0.00021
10	24	Qm-2	-3.404E-06	0.00016
10	22	Qm-2	6.835E-05	0.00016
11	25	DEAD	0.	0.
11	27	DEAD	0.	0.
11	26	DEAD	0.	0.
11	24	DEAD	0.	0.
11	25	G1	4.901E-11	-3.920E-11
11	27	G1	5.234E-11	-1.508E-11
11	26	G1	2.379E-11	1.881E-11
11	24	G1	1.078E-10	2.527E-11
11	25	G2	1.962E-05	0.00041
11	27	G2	-0.00091	0.00041
11	26	G2	-0.00091	0.00147
11	24	G2	1.962E-05	0.00147

Table 27: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13	V23
			KN/mm	KN/mm
11	25	Qm	-8.944E-05	0.00087
11	27	Qm	-0.00027	0.00087
11	26	Qm	-0.00027	0.00076
11	24	Qm	-8.944E-05	0.00076
11	25	Qs	3.667E-12	-3.773E-12
11	27	Qs	4.463E-12	-1.804E-12
11	26	Qs	2.248E-12	-7.777E-13
11	24	Qs	7.458E-12	1.349E-12
11	25	T+	0.	0.
11	27	T+	0.	0.
11	26	T+	0.	0.
11	24	T+	0.	0.
11	25	T-	0.	0.
11	27	T-	0.	0.
11	26	T-	0.	0.
11	24	T-	0.	0.
11	25	W	-0.06849	-0.07719
11	27	W	0.15304	-0.07719
11	26	W	0.15304	-0.07834
11	24	W	-0.06849	-0.07834
11	25	Qm-1	-0.00031	0.00068
11	27	Qm-1	-0.00046	0.00068
11	26	Qm-1	-0.00046	0.00064
11	24	Qm-1	-0.00031	0.00064
11	25	Qm-2	1.894E-05	0.00027
11	27	Qm-2	-7.416E-05	0.00027
11	26	Qm-2	-7.416E-05	0.00022
11	24	Qm-2	1.894E-05	0.00022
12	27	DEAD	0.	0.
12	29	DEAD	0.	0.
12	28	DEAD	0.	0.
12	26	DEAD	0.	0.
12	27	G1	4.663E-11	-4.395E-11
12	29	G1	2.628E-11	-1.344E-11
12	28	G1	1.889E-11	9.008E-12
12	26	G1	7.419E-11	-8.398E-12
12	27	G2	-0.00091	-0.00086
12	29	G2	3.679E-05	-0.00086
12	28	G2	3.679E-05	-0.00191
12	26	G2	-0.00091	-0.00191
12	27	Qm	-0.00022	0.0011
12	29	Qm	-0.00042	0.0011
12	28	Qm	-0.00042	0.001
12	26	Qm	-0.00022	0.001
12	27	Qs	4.040E-12	-2.727E-12
12	29	Qs	5.593E-12	-1.251E-12
12	28	Qs	2.148E-12	-2.096E-12
12	26	Qs	4.963E-12	-3.300E-12
12	27	T+	0.	0.
12	29	T+	0.	0.
12	28	T+	0.	0.
12	26	T+	0.	0.
12	27	T-	0.	0.
12	29	T-	0.	0.

Table 27: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13	V23
			KN/mm	KN/mm
12	28	T-	0.	0.
12	26	T-	0.	0.
12	27	W	0.15309	0.08004
12	29	W	-0.0688	0.08004
12	28	W	-0.0688	0.08097
12	26	W	0.15309	0.08097
12	27	Qm-1	-0.00045	0.00061
12	29	Qm-1	-0.00058	0.00061
12	28	Qm-1	-0.00058	0.00066
12	26	Qm-1	-0.00045	0.00066
12	27	Qm-2	-5.660E-05	0.00031
12	29	Qm-2	-0.00013	0.00031
12	28	Qm-2	-0.00013	0.0003
12	26	Qm-2	-5.660E-05	0.0003
13	29	DEAD	0.	0.
13	31	DEAD	0.	0.
13	30	DEAD	0.	0.
13	28	DEAD	0.	0.
13	29	G1	2.011E-11	-1.199E-11
13	31	G1	9.030E-11	5.734E-12
13	30	G1	7.307E-11	-6.942E-12
13	28	G1	2.473E-11	2.339E-11
13	29	G2	7.592E-05	-0.00099
13	31	G2	0.00036	-0.00099
13	30	G2	0.00036	-0.00059
13	28	G2	7.592E-05	-0.00059
13	29	Qm	-0.00038	0.00134
13	31	Qm	-0.00055	0.00134
13	30	Qm	-0.00055	0.0013
13	28	Qm	-0.00038	0.0013
13	29	Qs	2.413E-12	-8.754E-16
13	31	Qs	4.774E-12	6.760E-13
13	30	Qs	7.142E-12	-2.365E-12
13	28	Qs	1.779E-12	-5.850E-13
13	29	T+	0.	0.
13	31	T+	0.	0.
13	30	T+	0.	0.
13	28	T+	0.	0.
13	29	T-	0.	0.
13	31	T-	0.	0.
13	30	T-	0.	0.
13	28	T-	0.	0.
13	29	W	-0.06036	0.00587
13	31	W	0.00191	0.00587
13	30	W	0.00191	-0.01257
13	28	W	-0.06036	-0.01257
13	29	Qm-1	-0.00065	0.00011
13	31	Qm-1	-0.00057	0.00011
13	30	Qm-1	-0.00057	0.00048
13	28	Qm-1	-0.00065	0.00048
13	29	Qm-2	-0.00015	0.0002
13	31	Qm-2	-0.00011	0.0002
13	30	Qm-2	-0.00011	0.00032
13	28	Qm-2	-0.00015	0.00032

Table 27: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13	V23
			KN/mm	KN/mm
14	31	DEAD	0.	0.
14	33	DEAD	0.	0.
14	32	DEAD	0.	0.
14	30	DEAD	0.	0.
14	31	G1	8.399E-11	-4.511E-12
14	33	G1	3.743E-11	-1.140E-11
14	32	G1	3.103E-11	3.055E-12
14	30	G1	6.013E-11	1.209E-12
14	31	G2	0.00029	-0.00045
14	33	G2	0.00037	-0.00045
14	32	G2	0.00037	-0.00038
14	30	G2	0.00029	-0.00038
14	31	Qm	-0.00054	0.00148
14	33	Qm	-0.00066	0.00148
14	32	Qm	-0.00066	0.00152
14	30	Qm	-0.00054	0.00152
14	31	Qs	4.983E-12	1.246E-12
14	33	Qs	3.334E-12	2.323E-12
14	32	Qs	2.934E-12	3.007E-13
14	30	Qs	3.491E-12	5.891E-13
14	31	T+	0.	0.
14	33	T+	0.	0.
14	32	T+	0.	0.
14	30	T+	0.	0.
14	31	T-	0.	0.
14	33	T-	0.	0.
14	32	T-	0.	0.
14	30	T-	0.	0.
14	31	W	0.00258	0.00227
14	33	W	-0.01057	0.00227
14	32	W	-0.01057	0.00577
14	30	W	0.00258	0.00577
14	31	Qm-1	-0.00069	-0.00088
14	33	Qm-1	-0.00058	-0.00088
14	32	Qm-1	-0.00058	-0.00075
14	30	Qm-1	-0.00069	-0.00075
14	31	Qm-2	-0.00015	-4.233E-05
14	33	Qm-2	-0.00013	-4.233E-05
14	32	Qm-2	-0.00013	-4.942E-06
14	30	Qm-2	-0.00015	-4.942E-06
15	33	DEAD	0.	0.
15	35	DEAD	0.	0.
15	34	DEAD	0.	0.
15	32	DEAD	0.	0.
15	33	G1	1.802E-11	-7.570E-11
15	35	G1	4.299E-11	-7.915E-11
15	34	G1	5.333E-11	-3.787E-11
15	32	G1	1.525E-11	-3.879E-11
15	33	G2	0.00035	-0.00014
15	35	G2	0.00037	-0.00014
15	34	G2	0.00037	-0.00014
15	32	G2	0.00035	-0.00014
15	33	Qm	-0.00067	0.00144
15	35	Qm	-0.00077	0.00144

Table 27: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13	V23
			KN/mm	KN/mm
15	34	Qm	-0.00077	0.00149
15	32	Qm	-0.00067	0.00149
15	33	Qs	2.946E-12	-3.897E-12
15	35	Qs	2.785E-12	-4.112E-12
15	34	Qs	5.153E-12	-7.444E-13
15	32	Qs	2.312E-12	-8.021E-13
15	33	T+	0.	0.
15	35	T+	0.	0.
15	34	T+	0.	0.
15	32	T+	0.	0.
15	33	T-	0.	0.
15	35	T-	0.	0.
15	34	T-	0.	0.
15	32	T-	0.	0.
15	33	W	-0.01072	0.00144
15	35	W	-0.01077	0.00144
15	34	W	-0.01077	0.00142
15	32	W	-0.01072	0.00142
15	33	Qm-1	-0.00054	-0.00201
15	35	Qm-1	-0.00086	-0.00201
15	34	Qm-1	-0.00086	-0.00231
15	32	Qm-1	-0.00054	-0.00231
15	33	Qm-2	-0.00012	-0.00036
15	35	Qm-2	-0.00017	-0.00036
15	34	Qm-2	-0.00017	-0.00042
15	32	Qm-2	-0.00012	-0.00042
16	35	DEAD	0.	0.
16	37	DEAD	0.	0.
16	36	DEAD	0.	0.
16	34	DEAD	0.	0.
16	35	G1	7.909E-11	-8.673E-11
16	37	G1	2.077E-11	-7.295E-11
16	36	G1	2.865E-11	-6.907E-11
16	34	G1	2.582E-11	-6.538E-11
16	35	G2	0.00038	0.00017
16	37	G2	0.00031	0.00017
16	36	G2	0.00031	0.00011
16	34	G2	0.00038	0.00011
16	35	Qm	-0.00077	0.00118
16	37	Qm	-0.00087	0.00118
16	36	Qm	-0.00087	0.00119
16	34	Qm	-0.00077	0.00119
16	35	Qs	7.494E-12	2.795E-13
16	37	Qs	2.115E-12	1.141E-12
16	36	Qs	2.608E-12	1.541E-12
16	34	Qs	4.164E-12	1.771E-12
16	35	T+	0.	0.
16	37	T+	0.	0.
16	36	T+	0.	0.
16	34	T+	0.	0.
16	35	T-	0.	0.
16	37	T-	0.	0.
16	36	T-	0.	0.
16	34	T-	0.	0.

Table 27: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13	V23
			KN/mm	KN/mm
16	35	W	-0.0106	0.0006
16	37	W	0.00246	0.0006
16	36	W	0.00246	-0.00295
16	34	W	-0.0106	-0.00295
16	35	Qm-1	-0.00067	-0.00278
16	37	Qm-1	-0.00095	-0.00278
16	36	Qm-1	-0.00095	-0.0033
16	34	Qm-1	-0.00067	-0.0033
16	35	Qm-2	-0.00012	-0.00056
16	37	Qm-2	-0.00019	-0.00056
16	36	Qm-2	-0.00019	-0.00071
16	34	Qm-2	-0.00012	-0.00071
17	37	DEAD	0.	0.
17	39	DEAD	0.	0.
17	38	DEAD	0.	0.
17	36	DEAD	0.	0.
17	37	G1	2.175E-11	-6.581E-11
17	39	G1	6.401E-11	-5.153E-11
17	38	G1	3.940E-11	-5.068E-11
17	36	G1	5.393E-11	-2.127E-11
17	37	G2	0.00039	0.00074
17	39	G2	0.00012	0.00074
17	38	G2	0.00012	0.00035
17	36	G2	0.00039	0.00035
17	37	Qm	-0.00086	0.00078
17	39	Qm	-0.00095	0.00078
17	38	Qm	-0.00095	0.00076
17	36	Qm	-0.00086	0.00076
17	37	Qs	4.800E-12	1.553E-12
17	39	Qs	6.203E-12	1.768E-12
17	38	Qs	6.849E-12	4.494E-13
17	36	Qs	4.627E-12	5.071E-13
17	37	T+	0.	0.
17	39	T+	0.	0.
17	38	T+	0.	0.
17	36	T+	0.	0.
17	37	T-	0.	0.
17	39	T-	0.	0.
17	38	T-	0.	0.
17	36	T-	0.	0.
17	37	W	0.00181	-0.00305
17	39	W	-0.06055	-0.00305
17	38	W	-0.06055	0.01533
17	36	W	0.00181	0.01533
17	37	Qm-1	-0.00082	-0.00284
17	39	Qm-1	-0.00087	-0.00284
17	38	Qm-1	-0.00087	-0.00304
17	36	Qm-1	-0.00082	-0.00304
17	37	Qm-2	-0.00016	-0.00059
17	39	Qm-2	-0.00011	-0.00059
17	38	Qm-2	-0.00011	-0.00062
17	36	Qm-2	-0.00016	-0.00062
18	39	DEAD	0.	0.
18	41	DEAD	0.	0.

Table 27: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13	V23
			KN/mm	KN/mm
18	40	DEAD	0.	0.
18	38	DEAD	0.	0.
18	39	G1	7.084E-11	-8.408E-11
18	41	G1	3.141E-11	-8.554E-11
18	40	G1	7.789E-12	-1.169E-10
18	38	G1	5.159E-11	-1.493E-11
18	39	G2	7.745E-05	0.00065
18	41	G2	-0.00085	0.00065
18	40	G2	-0.00085	0.00171
18	38	G2	7.745E-05	0.00171
18	39	Qm	-0.00094	0.00032
18	41	Qm	-0.001	0.00032
18	40	Qm	-0.001	0.0003
18	38	Qm	-0.00094	0.0003
18	39	Qs	4.115E-12	-3.714E-13
18	41	Qs	2.790E-12	-2.647E-12
18	40	Qs	1.436E-12	-3.997E-12
18	38	Qs	7.676E-12	1.901E-13
18	39	T+	0.	0.
18	41	T+	0.	0.
18	40	T+	0.	0.
18	38	T+	0.	0.
18	39	T-	0.	0.
18	41	T-	0.	0.
18	40	T-	0.	0.
18	38	T-	0.	0.
18	39	W	-0.06896	-0.07733
18	41	W	0.1528	-0.07733
18	40	W	0.1528	-0.0783
18	38	W	-0.06896	-0.0783
18	39	Qm-1	-0.00082	-0.00229
18	41	Qm-1	-0.00084	-0.00229
18	40	Qm-1	-0.00084	-0.00237
18	38	Qm-1	-0.00082	-0.00237
18	39	Qm-2	-0.00012	-0.00045
18	41	Qm-2	-6.178E-05	-0.00045
18	40	Qm-2	-6.178E-05	-0.00043
18	38	Qm-2	-0.00012	-0.00043
19	41	DEAD	0.	0.
19	43	DEAD	0.	0.
19	42	DEAD	0.	0.
19	40	DEAD	0.	0.
19	41	G1	5.343E-11	2.928E-11
19	43	G1	4.125E-11	1.845E-11
19	42	G1	3.830E-11	5.954E-11
19	40	G1	2.864E-11	3.106E-11
19	41	G2	-0.00085	-0.00056
19	43	G2	9.198E-05	-0.00056
19	42	G2	9.198E-05	-0.00161
19	40	G2	-0.00085	-0.00161
19	41	Qm	-0.00099	-0.00014
19	43	Qm	-0.00102	-0.00014
19	42	Qm	-0.00102	-0.00015
19	40	Qm	-0.00099	-0.00015

Table 27: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13	V23
			KN/mm	KN/mm
19	41	Qs	3.725E-12	4.005E-12
19	43	Qs	3.325E-12	2.867E-12
19	42	Qs	2.464E-12	6.369E-12
19	40	Qs	3.955E-12	2.867E-12
19	41	T+	0.	0.
19	43	T+	0.	0.
19	42	T+	0.	0.
19	40	T+	0.	0.
19	41	T-	0.	0.
19	43	T-	0.	0.
19	42	T-	0.	0.
19	40	T-	0.	0.
19	41	W	0.15278	0.07978
19	43	W	-0.0688	0.07978
19	42	W	-0.0688	0.08086
19	40	W	0.15278	0.08086
19	41	Qm-1	-0.00082	-0.00148
19	43	Qm-1	-0.00083	-0.00148
19	42	Qm-1	-0.00083	-0.00152
19	40	Qm-1	-0.00082	-0.00152
19	41	Qm-2	-7.151E-05	-0.00025
19	43	Qm-2	-4.160E-05	-0.00025
19	42	Qm-2	-4.160E-05	-0.00024
19	40	Qm-2	-7.151E-05	-0.00024
20	43	DEAD	0.	0.
20	45	DEAD	0.	0.
20	44	DEAD	0.	0.
20	42	DEAD	0.	0.
20	43	G1	7.423E-12	-1.232E-11
20	45	G1	6.236E-11	-4.677E-11
20	44	G1	-1.428E-13	-2.236E-12
20	42	G1	4.975E-11	-1.147E-11
20	43	G2	0.00013	-0.00063
20	45	G2	0.00041	-0.00063
20	44	G2	0.00041	-0.00023
20	42	G2	0.00013	-0.00023
20	43	Qm	-0.00101	-0.00057
20	45	Qm	-0.00102	-0.00057
20	44	Qm	-0.00102	-0.00058
20	42	Qm	-0.00101	-0.00058
20	43	Qs	1.989E-12	-6.009E-14
20	45	Qs	5.096E-12	-2.213E-12
20	44	Qs	-5.330E-13	1.516E-12
20	42	Qs	5.096E-12	9.392E-13
20	43	T+	0.	0.
20	45	T+	0.	0.
20	44	T+	0.	0.
20	42	T+	0.	0.
20	43	T-	0.	0.
20	45	T-	0.	0.
20	44	T-	0.	0.
20	42	T-	0.	0.
20	43	W	-0.06044	0.00548
20	45	W	0.00233	0.00548

Table 27: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13	V23
			KN/mm	KN/mm
20	44	W	0.00233	-0.01282
20	42	W	-0.06044	-0.01282
20	43	Qm-1	-0.00082	-0.00054
20	45	Qm-1	-0.00085	-0.00054
20	44	Qm-1	-0.00085	-0.00056
20	42	Qm-1	-0.00082	-0.00056
20	43	Qm-2	-4.442E-05	-4.949E-05
20	45	Qm-2	-5.030E-05	-4.949E-05
20	44	Qm-2	-5.030E-05	-5.334E-05
20	42	Qm-2	-4.442E-05	-5.334E-05
21	45	DEAD	0.	0.
21	47	DEAD	0.	0.
21	46	DEAD	0.	0.
21	44	DEAD	0.	0.
21	45	G1	2.241E-11	2.063E-11
21	47	G1	6.423E-12	-1.382E-11
21	46	G1	-7.852E-12	3.324E-11
21	44	G1	5.182E-11	2.401E-11
21	45	G2	0.00034	-2.462E-05
21	47	G2	0.00041	-2.462E-05
21	46	G2	0.00041	3.868E-05
21	44	G2	0.00034	3.868E-05
21	45	Qm	-0.00102	-0.00098
21	47	Qm	-0.00101	-0.00098
21	46	Qm	-0.00101	-0.00098
21	44	Qm	-0.00102	-0.00098
21	45	Qs	2.291E-12	2.906E-12
21	47	Qs	1.787E-12	7.524E-13
21	46	Qs	3.079E-12	1.645E-12
21	44	Qs	1.944E-12	1.068E-12
21	45	T+	0.	0.
21	47	T+	0.	0.
21	46	T+	0.	0.
21	44	T+	0.	0.
21	45	T-	0.	0.
21	47	T-	0.	0.
21	46	T-	0.	0.
21	44	T-	0.	0.
21	45	W	0.00292	0.00179
21	47	W	-0.0104	0.00179
21	46	W	-0.0104	0.00556
21	44	W	0.00292	0.00556
21	45	Qm-1	-0.00084	0.00044
21	47	Qm-1	-0.00089	0.00044
21	46	Qm-1	-0.00089	0.00043
21	44	Qm-1	-0.00084	0.00043
21	45	Qm-2	-4.397E-05	0.00015
21	47	Qm-2	-8.790E-05	0.00015
21	46	Qm-2	-8.790E-05	0.00013
21	44	Qm-2	-4.397E-05	0.00013
22	47	DEAD	0.	0.
22	49	DEAD	0.	0.
22	48	DEAD	0.	0.
22	46	DEAD	0.	0.

Table 27: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13	V23
			KN/mm	KN/mm
22	47	G1	3.475E-11	3.666E-11
22	49	G1	7.280E-13	5.657E-12
22	48	G1	3.223E-11	8.710E-11
22	46	G1	7.280E-13	7.879E-11
22	47	G2	0.0004	0.00035
22	49	G2	0.00038	0.00035
22	48	G2	0.00038	0.00034
22	46	G2	0.0004	0.00034
22	47	Qm	-0.00101	-0.00133
22	49	Qm	-0.00098	-0.00133
22	48	Qm	-0.00098	-0.00133
22	46	Qm	-0.00101	-0.00133
22	47	Qs	4.989E-12	1.084E-12
22	49	Qs	-1.324E-13	-2.115E-12
22	48	Qs	1.836E-12	3.921E-12
22	46	Qs	2.862E-12	4.663E-12
22	47	T+	0.	0.
22	49	T+	0.	0.
22	48	T+	0.	0.
22	46	T+	0.	0.
22	47	T-	0.	0.
22	49	T-	0.	0.
22	48	T-	0.	0.
22	46	T-	0.	0.
22	47	W	-0.01062	0.00106
22	49	W	-0.00793	0.00106
22	48	W	-0.00793	0.00078
22	46	W	-0.01062	0.00078
22	47	Qm-1	-0.00089	0.00138
22	49	Qm-1	-0.00096	0.00138
22	48	Qm-1	-0.00096	0.00141
22	46	Qm-1	-0.00089	0.00141
22	47	Qm-2	-7.349E-05	0.00035
22	49	Qm-2	-0.00015	0.00035
22	48	Qm-2	-0.00015	0.00032
22	46	Qm-2	-7.349E-05	0.00032
23	49	DEAD	0.	0.
23	51	DEAD	0.	0.
23	50	DEAD	0.	0.
23	48	DEAD	0.	0.
23	49	G1	4.693E-11	6.650E-11
23	51	G1	1.039E-11	3.549E-11
23	50	G1	4.189E-11	7.911E-11
23	48	G1	1.291E-11	7.080E-11
23	49	G2	0.0004	0.00076
23	51	G2	0.00028	0.00076
23	50	G2	0.00028	0.00066
23	48	G2	0.0004	0.00066
23	49	Qm	-0.00098	-0.00161
23	51	Qm	-0.00095	-0.00161
23	50	Qm	-0.00095	-0.00163
23	48	Qm	-0.00098	-0.00163
23	49	Qs	3.112E-12	2.666E-12
23	51	Qs	2.166E-12	-1.210E-12

Table 27: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13	V23
			KN/mm	KN/mm
23	50	Qs	2.166E-12	1.247E-12
23	48	Qs	3.112E-12	2.088E-13
23	49	T+	0.	0.
23	51	T+	0.	0.
23	50	T+	0.	0.
23	48	T+	0.	0.
23	49	T-	0.	0.
23	51	T-	0.	0.
23	50	T-	0.	0.
23	48	T-	0.	0.
23	49	W	-0.00781	0.00096
23	51	W	-0.00202	0.00096
23	50	W	-0.00202	-0.00112
23	48	W	-0.00781	-0.00112
23	49	Qm-1	-0.00098	0.00213
23	51	Qm-1	-0.00102	0.00213
23	50	Qm-1	-0.00102	0.00226
23	48	Qm-1	-0.00098	0.00226
23	49	Qm-2	-0.00014	0.00051
23	51	Qm-2	-0.00022	0.00051
23	50	Qm-2	-0.00022	0.00051
23	48	Qm-2	-0.00014	0.00051
24	51	DEAD	0.	0.
24	53	DEAD	0.	0.
24	52	DEAD	0.	0.
24	50	DEAD	0.	0.
24	51	G1	2.718E-11	-1.209E-11
24	53	G1	4.373E-11	1.547E-11
24	52	G1	3.979E-11	1.140E-10
24	50	G1	5.382E-11	1.214E-10
24	51	G2	0.00039	0.00147
24	53	G2	-5.344E-06	0.00147
24	52	G2	-5.344E-06	0.00099
24	50	G2	0.00039	0.00099
24	51	Qm	-0.00094	-0.00177
24	53	Qm	-0.00092	-0.00177
24	52	Qm	-0.00092	-0.00183
24	50	Qm	-0.00094	-0.00183
24	51	Qs	2.456E-12	-3.196E-12
24	53	Qs	6.800E-12	-1.012E-12
24	52	Qs	6.554E-12	-9.897E-13
24	50	Qs	4.120E-12	1.194E-12
24	51	T+	0.	0.
24	53	T+	0.	0.
24	52	T+	0.	0.
24	50	T+	0.	0.
24	51	T-	0.	0.
24	53	T-	0.	0.
24	52	T-	0.	0.
24	50	T-	0.	0.
24	51	W	-0.00204	0.0004
24	53	W	-0.03485	0.0004
24	52	W	-0.03485	0.00846
24	50	W	-0.00204	0.00846

Table 27: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13	V23
			KN/mm	KN/mm
24	51	Qm-1	-0.00112	0.00236
24	53	Qm-1	-0.00096	0.00236
24	52	Qm-1	-0.00096	0.00281
24	50	Qm-1	-0.00112	0.00281
24	51	Qm-2	-0.00024	0.00049
24	53	Qm-2	-0.00022	0.00049
24	52	Qm-2	-0.00022	0.0006
24	50	Qm-2	-0.00024	0.0006
25	53	DEAD	0.	0.
25	55	DEAD	0.	0.
25	54	DEAD	0.	0.
25	52	DEAD	0.	0.
25	53	G1	5.706E-11	5.982E-11
25	55	G1	2.772E-11	5.637E-11
25	54	G1	4.097E-12	1.178E-10
25	52	G1	3.781E-11	1.169E-10
25	53	G2	4.416E-05	0.0018
25	55	G2	-0.00125	0.0018
25	54	G2	-0.00125	0.00241
25	52	G2	4.416E-05	0.00241
25	53	Qm	-0.00089	-0.00171
25	55	Qm	-0.00093	-0.00171
25	54	Qm	-0.00093	-0.00184
25	52	Qm	-0.00089	-0.00184
25	53	Qs	7.375E-12	2.138E-13
25	55	Qs	4.742E-12	2.982E-12
25	54	Qs	1.543E-12	4.154E-12
25	52	Qs	6.633E-12	3.297E-12
25	53	T+	0.	0.
25	55	T+	0.	0.
25	54	T+	0.	0.
25	52	T+	0.	0.
25	53	T-	0.	0.
25	55	T-	0.	0.
25	54	T-	0.	0.
25	52	T-	0.	0.
25	53	W	-0.03641	-0.025
25	55	W	0.06875	-0.025
25	54	W	0.06875	-0.04264
25	52	W	-0.03641	-0.04264
25	53	Qm-1	-0.00112	0.00196
25	55	Qm-1	-0.00093	0.00196
25	54	Qm-1	-0.00093	0.00218
25	52	Qm-1	-0.00112	0.00218
25	53	Qm-2	-0.00025	0.0003
25	55	Qm-2	-0.0003	0.0003
25	54	Qm-2	-0.0003	0.00032
25	52	Qm-2	-0.00025	0.00032
26	55	DEAD	0.	0.
26	57	DEAD	0.	0.
26	56	DEAD	0.	0.
26	54	DEAD	0.	0.
26	55	G1	3.322E-11	8.337E-11
26	57	G1	4.139E-11	1.070E-10

Table 27: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13	V23
			KN/mm	KN/mm
26	56	G1	8.618E-11	5.059E-11
26	54	G1	2.122E-11	3.133E-11
26	55	G2	-0.00125	0.00041
26	57	G2	-0.00145	0.00041
26	56	G2	-0.00145	0.00024
26	54	G2	-0.00125	0.00024
26	55	Qm	-0.00088	-0.00139
26	57	Qm	-0.00095	-0.00139
26	56	Qm	-0.00095	-0.00153
26	54	Qm	-0.00088	-0.00153
26	55	Qs	3.283E-12	2.754E-12
26	57	Qs	3.713E-12	4.261E-12
26	56	Qs	4.544E-12	7.045E-13
26	54	Qs	4.659E-12	1.108E-12
26	55	T+	0.	0.
26	57	T+	0.	0.
26	56	T+	0.	0.
26	54	T+	0.	0.
26	55	T-	0.	0.
26	57	T-	0.	0.
26	56	T-	0.	0.
26	54	T-	0.	0.
26	55	W	0.04999	-0.03966
26	57	W	-0.08162	-0.03966
26	56	W	-0.08162	0.12957
26	54	W	0.04999	0.12957
26	55	Qm-1	-0.00094	0.00124
26	57	Qm-1	-0.00117	0.00124
26	56	Qm-1	-0.00117	0.00108
26	54	Qm-1	-0.00094	0.00108
26	55	Qm-2	-0.00028	-1.389E-05
26	57	Qm-2	-0.00043	-1.389E-05
26	56	Qm-2	-0.00043	-0.00011
26	54	Qm-2	-0.00028	-0.00011
27	57	DEAD	0.	0.
27	8	DEAD	0.	0.
27	58	DEAD	0.	0.
27	56	DEAD	0.	0.
27	57	G1	7.089E-11	7.881E-11
27	8	G1	-9.137E-12	3.796E-11
27	58	G1	1.793E-11	4.350E-11
27	56	G1	8.922E-11	5.814E-11
27	57	G2	-0.00146	-0.00152
27	8	G2	-0.00085	-0.00152
27	58	G2	-0.00085	-0.00154
27	56	G2	-0.00146	-0.00154
27	57	Qm	-0.00096	-0.00113
27	8	Qm	-0.0012	-0.00113
27	58	Qm	-0.0012	-0.00083
27	56	Qm	-0.00096	-0.00083
27	57	Qs	5.144E-12	4.437E-12
27	8	Qs	1.472E-12	2.346E-12
27	58	Qs	3.410E-12	2.388E-12
27	56	Qs	4.625E-12	5.025E-12

Table 27: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13	V23
			KN/mm	KN/mm
27	57	T+	0.	0.
27	8	T+	0.	0.
27	58	T+	0.	0.
27	56	T+	0.	0.
27	57	T-	0.	0.
27	8	T-	0.	0.
27	58	T-	0.	0.
27	56	T-	0.	0.
27	57	W	0.01299	-0.06762
27	8	W	0.03952	-0.06762
27	58	W	0.03952	0.06886
27	56	W	0.01299	0.06886
27	57	Qm-1	-0.00106	0.00057
27	8	Qm-1	-0.0011	0.00057
27	58	Qm-1	-0.0011	0.00032
27	56	Qm-1	-0.00106	0.00032
27	57	Qm-2	-0.0004	-0.0005
27	8	Qm-2	-0.00074	-0.0005
27	58	Qm-2	-0.00074	-0.00043
27	56	Qm-2	-0.0004	-0.00043
28	9	DEAD	0.	0.
28	10	DEAD	0.	0.
28	60	DEAD	0.	0.
28	59	DEAD	0.	0.
28	9	G1	3.809E-11	-4.653E-11
28	10	G1	2.321E-11	-1.100E-10
28	60	G1	1.287E-11	1.390E-12
28	59	G1	4.086E-11	-9.237E-11
28	9	G2	0.00103	0.00129
28	10	G2	0.00196	0.00129
28	60	G2	0.00196	0.00021
28	59	G2	0.00103	0.00021
28	9	Qm	-0.00067	-0.00023
28	10	Qm	-0.00061	-0.00023
28	60	Qm	-0.00061	-0.00011
28	59	Qm	-0.00067	-0.00011
28	9	Qs	3.737E-12	-3.415E-12
28	10	Qs	3.279E-12	-2.800E-12
28	60	Qs	2.633E-12	-1.681E-12
28	59	Qs	3.910E-12	-3.115E-12
28	9	T+	0.	0.
28	10	T+	0.	0.
28	60	T+	0.	0.
28	59	T+	0.	0.
28	9	T-	0.	0.
28	10	T-	0.	0.
28	60	T-	0.	0.
28	59	T-	0.	0.
28	9	W	-0.07803	0.04211
28	10	W	0.09058	0.04211
28	60	W	0.09058	0.0257
28	59	W	-0.07803	0.0257
28	9	Qm-1	-0.0009	-0.00037
28	10	Qm-1	-0.00083	-0.00037

Table 27: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13	V23
			KN/mm	KN/mm
28	60	Qm-1	-0.00083	-0.00024
28	59	Qm-1	-0.0009	-0.00024
28	9	Qm-2	4.293E-05	-0.00011
28	10	Qm-2	7.220E-05	-0.00011
28	60	Qm-2	7.220E-05	-5.366E-05
28	59	Qm-2	4.293E-05	-5.366E-05
29	10	DEAD	0.	0.
29	12	DEAD	0.	0.
29	61	DEAD	0.	0.
29	60	DEAD	0.	0.
29	10	G1	2.917E-11	-6.625E-11
29	12	G1	5.649E-11	2.677E-11
29	61	G1	3.926E-11	-6.625E-11
29	60	G1	3.379E-11	-4.133E-11
29	10	G2	0.00196	-0.00182
29	12	G2	0.00078	-0.00182
29	61	G2	0.00078	-0.00063
29	60	G2	0.00196	-0.00063
29	10	Qm	-0.00066	9.789E-06
29	12	Qm	-0.00066	9.789E-06
29	61	Qm	-0.00066	0.00013
29	60	Qm	-0.00066	0.00013
29	10	Qs	3.213E-12	-3.422E-12
29	12	Qs	3.051E-12	1.930E-12
29	61	Qs	4.159E-12	-2.949E-12
29	60	Qs	1.317E-12	-3.113E-12
29	10	T+	0.	0.
29	12	T+	0.	0.
29	61	T+	0.	0.
29	60	T+	0.	0.
29	10	T-	0.	0.
29	12	T-	0.	0.
29	61	T-	0.	0.
29	60	T-	0.	0.
29	10	W	0.09062	-0.03734
29	12	W	-0.04492	-0.03734
29	61	W	-0.04492	-0.02756
29	60	W	0.09062	-0.02756
29	10	Qm-1	-0.00089	-0.00013
29	12	Qm-1	-0.0009	-0.00013
29	61	Qm-1	-0.0009	-3.744E-06
29	60	Qm-1	-0.00089	-3.744E-06
29	10	Qm-2	4.948E-05	-3.358E-05
29	12	Qm-2	4.101E-05	-3.358E-05
29	61	Qm-2	4.101E-05	1.421E-05
29	60	Qm-2	4.948E-05	1.421E-05
30	12	DEAD	0.	0.
30	14	DEAD	0.	0.
30	62	DEAD	0.	0.
30	61	DEAD	0.	0.
30	12	G1	3.340E-11	-7.740E-11
30	14	G1	4.072E-11	-8.085E-11
30	62	G1	5.105E-11	-5.218E-11
30	61	G1	3.063E-11	-5.311E-11

Table 27: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13	V23
			KN/mm	KN/mm
30	12	G2	0.00064	-0.00065
30	14	G2	0.00045	-0.00065
30	62	G2	0.00045	-0.00073
30	61	G2	0.00064	-0.00073
30	12	Qm	-0.00071	0.00024
30	14	Qm	-0.00069	0.00024
30	62	Qm	-0.00069	0.00036
30	61	Qm	-0.00071	0.00036
30	12	Qs	1.688E-12	-2.572E-12
30	14	Qs	4.037E-12	-3.003E-12
30	62	Qs	4.683E-12	-2.888E-12
30	61	Qs	1.515E-12	-3.003E-12
30	12	T+	0.	0.
30	14	T+	0.	0.
30	62	T+	0.	0.
30	61	T+	0.	0.
30	12	T-	0.	0.
30	14	T-	0.	0.
30	62	T-	0.	0.
30	61	T-	0.	0.
30	12	W	-0.04167	0.00904
30	14	W	0.0021	0.00904
30	62	W	0.0021	0.00109
30	61	W	-0.04167	0.00109
30	12	Qm-1	-0.00095	0.00011
30	14	Qm-1	-0.00095	0.00011
30	62	Qm-1	-0.00095	0.00021
30	61	Qm-1	-0.00095	0.00021
30	12	Qm-2	2.613E-05	4.297E-05
30	14	Qm-2	2.078E-05	4.297E-05
30	62	Qm-2	2.078E-05	7.180E-05
30	61	Qm-2	2.613E-05	7.180E-05
31	14	DEAD	0.	0.
31	16	DEAD	0.	0.
31	63	DEAD	0.	0.
31	62	DEAD	0.	0.
31	14	G1	2.811E-11	-1.717E-11
31	16	G1	6.046E-11	-2.062E-11
31	63	G1	4.324E-11	5.525E-12
31	62	G1	3.272E-11	4.602E-12
31	14	G2	0.00044	-0.00051
31	16	G2	0.00043	-0.00051
31	63	G2	0.00043	-0.00047
31	62	G2	0.00044	-0.00047
31	14	Qm	-0.00074	0.0004
31	16	Qm	-0.00071	0.0004
31	63	Qm	-0.00071	0.00051
31	62	Qm	-0.00074	0.00051
31	14	Qs	3.141E-12	-1.010E-12
31	16	Qs	5.502E-12	-1.441E-12
31	63	Qs	7.870E-12	-5.371E-13
31	62	Qs	2.507E-12	-6.525E-13
31	14	T+	0.	0.
31	16	T+	0.	0.

Table 27: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13	V23
			KN/mm	KN/mm
31	63	T+	0.	0.
31	62	T+	0.	0.
31	14	T-	0.	0.
31	16	T-	0.	0.
31	63	T-	0.	0.
31	62	T-	0.	0.
31	14	W	0.00209	-0.00115
31	16	W	-0.00704	-0.00115
31	63	W	-0.00704	0.00102
31	62	W	0.00209	0.00102
31	14	Qm-1	-0.00099	0.00028
31	16	Qm-1	-0.001	0.00028
31	63	Qm-1	-0.001	0.00036
31	62	Qm-1	-0.00099	0.00036
31	14	Qm-2	1.193E-05	8.714E-05
31	16	Qm-2	2.667E-06	8.714E-05
31	63	Qm-2	2.667E-06	0.0001
31	62	Qm-2	1.193E-05	0.0001
32	16	DEAD	0.	0.
32	18	DEAD	0.	0.
32	64	DEAD	0.	0.
32	63	DEAD	0.	0.
32	16	G1	4.112E-11	2.396E-11
32	18	G1	1.221E-10	1.412E-11
32	64	G1	7.391E-11	-2.396E-11
32	63	G1	5.404E-11	-1.014E-12
32	16	G2	0.00042	-0.00034
32	18	G2	0.00043	-0.00034
32	64	G2	0.00043	-0.00032
32	63	G2	0.00042	-0.00032
32	16	Qm	-0.00076	0.00049
32	18	Qm	-0.00075	0.00049
32	64	Qm	-0.00075	0.00057
32	63	Qm	-0.00076	0.00057
32	16	Qs	6.870E-12	-1.493E-12
32	18	Qs	6.628E-12	-3.000E-12
32	64	Qs	4.506E-12	-1.966E-12
32	63	Qs	5.840E-12	-2.369E-12
32	16	T+	0.	0.
32	18	T+	0.	0.
32	64	T+	0.	0.
32	63	T+	0.	0.
32	16	T-	0.	0.
32	18	T-	0.	0.
32	64	T-	0.	0.
32	63	T-	0.	0.
32	16	W	-0.00708	0.00171
32	18	W	-0.00348	0.00171
32	64	W	-0.00348	0.00084
32	63	W	-0.00708	0.00084
32	16	Qm-1	-0.00102	0.0004
32	18	Qm-1	-0.00106	0.0004
32	64	Qm-1	-0.00106	0.00044
32	63	Qm-1	-0.00102	0.00044

Table 27: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13	V23
			KN/mm	KN/mm
32	16	Qm-2	8.477E-07	0.00011
32	18	Qm-2	-1.660E-05	0.00011
32	64	Qm-2	-1.660E-05	0.00011
32	63	Qm-2	8.477E-07	0.00011
33	18	DEAD	0.	0.
33	20	DEAD	0.	0.
33	65	DEAD	0.	0.
33	64	DEAD	0.	0.
33	18	G1	9.170E-11	-4.953E-11
33	20	G1	6.378E-11	-4.744E-12
33	65	G1	1.604E-11	1.604E-11
33	64	G1	7.891E-11	2.804E-11
33	18	G2	0.00043	-0.00018
33	20	G2	0.00044	-0.00018
33	65	G2	0.00044	-0.00019
33	64	G2	0.00043	-0.00019
33	18	Qm	-0.00077	0.00054
33	20	Qm	-0.0008	0.00054
33	65	Qm	-0.0008	0.00056
33	64	Qm	-0.00077	0.00056
33	18	Qs	3.364E-12	-2.057E-12
33	20	Qs	6.855E-12	2.465E-12
33	65	Qs	2.733E-12	-1.584E-12
33	64	Qs	6.067E-12	-3.721E-13
33	18	T+	0.	0.
33	20	T+	0.	0.
33	65	T+	0.	0.
33	64	T+	0.	0.
33	18	T-	0.	0.
33	20	T-	0.	0.
33	65	T-	0.	0.
33	64	T-	0.	0.
33	18	W	-0.00347	-2.039E-05
33	20	W	-0.00925	-2.039E-05
33	65	W	-0.00925	0.00128
33	64	W	-0.00347	0.00128
33	18	Qm-1	-0.00106	0.00049
33	20	Qm-1	-0.00113	0.00049
33	65	Qm-1	-0.00113	0.0005
33	64	Qm-1	-0.00106	0.0005
33	18	Qm-2	-1.155E-05	0.00013
33	20	Qm-2	-3.463E-05	0.00013
33	65	Qm-2	-3.463E-05	0.00012
33	64	Qm-2	-1.155E-05	0.00012
34	20	DEAD	0.	0.
34	22	DEAD	0.	0.
34	66	DEAD	0.	0.
34	65	DEAD	0.	0.
34	20	G1	1.313E-12	9.996E-13
34	22	G1	5.022E-11	4.333E-11
34	66	G1	8.879E-12	-5.196E-11
34	65	G1	1.239E-11	1.054E-11
34	20	G2	0.00045	1.200E-05
34	22	G2	0.00049	1.200E-05

Table 27: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13	V23
			KN/mm	KN/mm
34	66	G2	0.00049	-2.888E-05
34	65	G2	0.00045	-2.888E-05
34	20	Qm	-0.00079	0.00059
34	22	Qm	-0.00087	0.00059
34	66	Qm	-0.00087	0.00054
34	65	Qm	-0.00079	0.00054
34	20	Qs	2.757E-12	-1.224E-12
34	22	Qs	3.491E-12	1.207E-12
34	66	Qs	1.338E-12	-4.691E-12
34	65	Qs	3.334E-12	-8.425E-13
34	20	T+	0.	0.
34	22	T+	0.	0.
34	66	T+	0.	0.
34	65	T+	0.	0.
34	20	T-	0.	0.
34	22	T-	0.	0.
34	66	T-	0.	0.
34	65	T-	0.	0.
34	20	W	-0.00918	0.00474
34	22	W	0.00728	0.00474
34	66	W	0.00728	0.00091
34	65	W	-0.00918	0.00091
34	20	Qm-1	-0.00112	0.00057
34	22	Qm-1	-0.00123	0.00057
34	66	Qm-1	-0.00123	0.00055
34	65	Qm-1	-0.00112	0.00055
34	20	Qm-2	-2.415E-05	0.00015
34	22	Qm-2	-5.428E-05	0.00015
34	66	Qm-2	-5.428E-05	0.00013
34	65	Qm-2	-2.415E-05	0.00013
35	22	DEAD	0.	0.
35	24	DEAD	0.	0.
35	67	DEAD	0.	0.
35	66	DEAD	0.	0.
35	22	G1	6.124E-12	-8.559E-11
35	24	G1	6.721E-11	-1.669E-11
35	67	G1	2.882E-11	-2.507E-11
35	66	G1	4.199E-11	-6.605E-12
35	22	G2	0.00049	0.00019
35	24	G2	0.00071	0.00019
35	67	G2	0.00071	0.00026
35	66	G2	0.00049	0.00026
35	22	Qm	-0.00082	0.00068
35	24	Qm	-0.00095	0.00068
35	67	Qm	-0.00095	0.00057
35	66	Qm	-0.00082	0.00057
35	22	Qs	3.176E-12	-3.406E-12
35	24	Qs	8.817E-12	-1.069E-12
35	67	Qs	3.649E-12	-2.145E-12
35	66	Qs	4.561E-12	-3.118E-12
35	22	T+	0.	0.
35	24	T+	0.	0.
35	67	T+	0.	0.
35	66	T+	0.	0.

Table 27: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13	V23
			KN/mm	KN/mm
35	22	T-	0.	0.
35	24	T-	0.	0.
35	67	T-	0.	0.
35	66	T-	0.	0.
35	22	W	0.0072	-0.01469
35	24	W	-0.07415	-0.01469
35	67	W	-0.07415	0.00026
35	66	W	0.0072	0.00026
35	22	Qm-1	-0.0012	0.00065
35	24	Qm-1	-0.00135	0.00065
35	67	Qm-1	-0.00135	0.0006
35	66	Qm-1	-0.0012	0.0006
35	22	Qm-2	-3.687E-05	0.00019
35	24	Qm-2	-8.448E-05	0.00019
35	67	Qm-2	-8.448E-05	0.00015
35	66	Qm-2	-3.687E-05	0.00015
36	24	DEAD	0.	0.
36	26	DEAD	0.	0.
36	68	DEAD	0.	0.
36	67	DEAD	0.	0.
36	24	G1	3.077E-11	3.003E-11
36	26	G1	1.557E-11	-1.525E-11
36	68	G1	3.329E-11	-5.277E-12
36	67	G1	4.424E-13	-4.299E-11
36	24	G2	0.00086	0.00144
36	26	G2	0.00202	0.00144
36	68	G2	0.00202	0.00017
36	67	G2	0.00086	0.00017
36	24	Qm	-0.00089	0.00085
36	26	Qm	-0.00106	0.00085
36	68	Qm	-0.00106	0.00071
36	67	Qm	-0.00089	0.00071
36	24	Qs	5.295E-12	-4.648E-13
36	26	Qs	3.430E-12	-2.802E-12
36	68	Qs	1.985E-12	-2.356E-12
36	67	Qs	2.485E-12	-1.384E-12
36	24	T+	0.	0.
36	26	T+	0.	0.
36	68	T+	0.	0.
36	67	T+	0.	0.
36	24	T-	0.	0.
36	26	T-	0.	0.
36	68	T-	0.	0.
36	67	T-	0.	0.
36	24	W	-0.081	0.07107
36	26	W	0.17096	0.07107
36	68	W	0.17096	0.05703
36	67	W	-0.081	0.05703
36	24	Qm-1	-0.00132	0.00072
36	26	Qm-1	-0.00158	0.00072
36	68	Qm-1	-0.00158	0.00069
36	67	Qm-1	-0.00132	0.00069
36	24	Qm-2	-5.554E-05	0.00026
36	26	Qm-2	-0.00014	0.00026

Table 27: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13	V23
			KN/mm	KN/mm
36	68	Qm-2	-0.00014	0.00019
36	67	Qm-2	-5.554E-05	0.00019
37	26	DEAD	0.	0.
37	28	DEAD	0.	0.
37	69	DEAD	0.	0.
37	68	DEAD	0.	0.
37	26	G1	7.049E-11	-3.940E-11
37	28	G1	-2.222E-12	-4.924E-11
37	69	G1	-2.535E-11	-2.175E-11
37	68	G1	2.552E-11	1.195E-12
37	26	G2	0.00202	-0.00189
37	28	G2	0.00088	-0.00189
37	69	G2	0.00088	-0.00062
37	68	G2	0.00202	-0.00062
37	26	Qm	-0.00099	0.00109
37	28	Qm	-0.0012	0.00109
37	69	Qm	-0.0012	0.00097
37	68	Qm	-0.00099	0.00097
37	26	Qs	4.011E-12	-5.091E-12
37	28	Qs	3.516E-12	-4.445E-12
37	69	Qs	-1.190E-12	2.680E-13
37	68	Qs	3.673E-12	4.411E-13
37	26	T+	0.	0.
37	28	T+	0.	0.
37	69	T+	0.	0.
37	68	T+	0.	0.
37	26	T-	0.	0.
37	28	T-	0.	0.
37	69	T-	0.	0.
37	68	T-	0.	0.
37	26	W	0.17099	-0.06824
37	28	W	-0.08125	-0.06824
37	69	W	-0.08125	-0.05431
37	68	W	0.17099	-0.05431
37	26	Qm-1	-0.00155	0.00076
37	28	Qm-1	-0.00184	0.00076
37	69	Qm-1	-0.00184	0.00077
37	68	Qm-1	-0.00155	0.00077
37	26	Qm-2	-0.0001	0.00037
37	28	Qm-2	-0.0003	0.00037
37	69	Qm-2	-0.0003	0.00028
37	68	Qm-2	-0.0001	0.00028
38	28	DEAD	0.	0.
38	30	DEAD	0.	0.
38	70	DEAD	0.	0.
38	69	DEAD	0.	0.
38	28	G1	5.344E-12	2.431E-11
38	30	G1	5.535E-11	6.122E-11
38	70	G1	1.795E-11	9.179E-12
38	69	G1	-1.022E-11	-3.210E-11
38	28	G2	0.00072	-0.00062
38	30	G2	0.00053	-0.00062
38	70	G2	0.00053	-0.00069
38	69	G2	0.00072	-0.00069

Table 27: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13	V23
			KN/mm	KN/mm
38	28	Qm	-0.00114	0.00139
38	30	Qm	-0.00141	0.00139
38	70	Qm	-0.00141	0.00134
38	69	Qm	-0.00114	0.00134
38	28	Qs	2.651E-12	-1.838E-12
38	30	Qs	5.146E-12	1.146E-12
38	70	Qs	2.809E-12	-8.922E-13
38	69	Qs	1.679E-12	-1.692E-12
38	28	T+	0.	0.
38	30	T+	0.	0.
38	70	T+	0.	0.
38	69	T+	0.	0.
38	28	T-	0.	0.
38	30	T-	0.	0.
38	70	T-	0.	0.
38	69	T-	0.	0.
38	28	W	-0.07432	0.0174
38	30	W	0.00631	0.0174
38	70	W	0.00631	0.00244
38	69	W	-0.07432	0.00244
38	28	Qm-1	-0.00188	0.00059
38	30	Qm-1	-0.00285	0.00059
38	70	Qm-1	-0.00285	0.00099
38	69	Qm-1	-0.00188	0.00099
38	28	Qm-2	-0.0003	0.00035
38	30	Qm-2	-0.00063	0.00035
38	70	Qm-2	-0.00063	0.0006
38	69	Qm-2	-0.0003	0.0006
39	30	DEAD	0.	0.
39	32	DEAD	0.	0.
39	71	DEAD	0.	0.
39	70	DEAD	0.	0.
39	30	G1	2.030E-11	8.555E-12
39	32	G1	-4.807E-13	-1.851E-11
39	71	G1	-6.544E-11	4.386E-11
39	70	G1	1.213E-11	6.219E-11
39	30	G2	0.00053	-0.0004
39	32	G2	0.00051	-0.0004
39	71	G2	0.00051	-0.00036
39	70	G2	0.00053	-0.00036
39	30	Qm	-0.0014	0.00161
39	32	Qm	-0.00177	0.00161
39	71	Qm	-0.00177	0.00178
39	70	Qm	-0.0014	0.00178
39	30	Qs	3.537E-12	1.671E-12
39	32	Qs	4.025E-12	1.241E-12
39	71	Qs	3.379E-12	1.514E-12
39	70	Qs	3.710E-12	1.398E-12
39	30	T+	0.	0.
39	32	T+	0.	0.
39	71	T+	0.	0.
39	70	T+	0.	0.
39	30	T-	0.	0.
39	32	T-	0.	0.

Table 27: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13	V23
			KN/mm	KN/mm
39	71	T-	0.	0.
39	70	T-	0.	0.
39	30	W	0.00647	-0.00183
39	32	W	-0.00921	-0.00183
39	71	W	-0.00921	0.00164
39	70	W	0.00647	0.00164
39	30	Qm-1	-0.00323	-0.00084
39	32	Qm-1	-0.00294	-0.00084
39	71	Qm-1	-0.00294	0.00081
39	70	Qm-1	-0.00323	0.00081
39	30	Qm-2	-0.00078	-6.648E-05
39	32	Qm-2	-0.00045	-6.648E-05
39	71	Qm-2	-0.00045	0.00033
39	70	Qm-2	-0.00078	0.00033
40	32	DEAD	0.	0.
40	34	DEAD	0.	0.
40	72	DEAD	0.	0.
40	71	DEAD	0.	0.
40	32	G1	-9.179E-12	-6.970E-11
40	34	G1	-6.898E-13	-4.734E-12
40	72	G1	-2.431E-11	-6.717E-11
40	71	G1	-2.843E-11	-7.535E-11
40	32	G2	0.0005	-0.00014
40	34	G2	0.00051	-0.00014
40	72	G2	0.00051	-0.00014
40	71	G2	0.0005	-0.00014
40	32	Qm	-0.00181	0.00157
40	34	Qm	-0.00215	0.00157
40	72	Qm	-0.00215	0.00177
40	71	Qm	-0.00181	0.00177
40	32	Qs	1.025E-12	-3.887E-12
40	34	Qs	7.431E-12	3.884E-13
40	72	Qs	1.341E-12	1.157E-12
40	71	Qs	5.855E-12	7.036E-13
40	32	T+	0.	0.
40	34	T+	0.	0.
40	72	T+	0.	0.
40	71	T+	0.	0.
40	32	T-	0.	0.
40	34	T-	0.	0.
40	72	T-	0.	0.
40	71	T-	0.	0.
40	32	W	-0.00923	0.00144
40	34	W	-0.00928	0.00144
40	72	W	-0.00928	0.00143
40	71	W	-0.00923	0.00143
40	32	Qm-1	-0.00289	-0.00214
40	34	Qm-1	-0.00328	-0.00214
40	72	Qm-1	-0.00328	-0.004
40	71	Qm-1	-0.00289	-0.004
40	32	Qm-2	-0.00044	-0.00036
40	34	Qm-2	-0.00077	-0.00036
40	72	Qm-2	-0.00077	-0.00079
40	71	Qm-2	-0.00044	-0.00079

Table 27: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13	V23
			KN/mm	KN/mm
41	34	DEAD	0.	0.
41	36	DEAD	0.	0.
41	73	DEAD	0.	0.
41	72	DEAD	0.	0.
41	34	G1	-1.292E-11	-8.622E-11
41	36	G1	-4.184E-11	-4.389E-11
41	73	G1	-4.823E-11	-1.467E-10
41	72	G1	-3.679E-11	-8.424E-11
41	34	G2	0.00052	0.00012
41	36	G2	0.00055	0.00012
41	73	G2	0.00055	8.929E-05
41	72	G2	0.00052	8.929E-05
41	34	Qm	-0.00218	0.00125
41	36	Qm	-0.00239	0.00125
41	73	Qm	-0.00239	0.00128
41	72	Qm	-0.00218	0.00128
41	34	Qs	2.274E-12	-5.502E-13
41	36	Qs	1.848E-12	3.818E-12
41	73	Qs	-9.013E-14	-3.545E-12
41	72	Qs	2.793E-12	8.232E-13
41	34	T+	0.	0.
41	36	T+	0.	0.
41	73	T+	0.	0.
41	72	T+	0.	0.
41	34	T-	0.	0.
41	36	T-	0.	0.
41	73	T-	0.	0.
41	72	T-	0.	0.
41	34	W	-0.00923	0.0047
41	36	W	0.00636	0.0047
41	73	W	0.00636	0.0012
41	72	W	-0.00923	0.0012
41	34	Qm-1	-0.00279	-0.00334
41	36	Qm-1	-0.00193	-0.00334
41	73	Qm-1	-0.00193	-0.00395
41	72	Qm-1	-0.00279	-0.00395
41	34	Qm-2	-0.0006	-0.00073
41	36	Qm-2	-0.00027	-0.00073
41	73	Qm-2	-0.00027	-0.00103
41	72	Qm-2	-0.0006	-0.00103
42	36	DEAD	0.	0.
42	38	DEAD	0.	0.
42	74	DEAD	0.	0.
42	73	DEAD	0.	0.
42	36	G1	-6.150E-11	-4.174E-11
42	38	G1	-1.113E-11	-5.257E-11
42	74	G1	4.694E-11	-5.435E-11
42	73	G1	-5.148E-11	-8.284E-11
42	36	G2	0.00055	0.00037
42	38	G2	0.00077	0.00037
42	74	G2	0.00077	0.00044
42	73	G2	0.00055	0.00044
42	36	Qm	-0.00238	0.0008
42	38	Qm	-0.00251	0.0008

Table 27: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13	V23
			KN/mm	KN/mm
42	74	Qm	-0.00251	0.00079
42	73	Qm	-0.00238	0.00079
42	36	Qs	1.269E-12	-5.948E-13
42	38	Qs	3.414E-12	1.128E-12
42	74	Qs	4.737E-12	-1.225E-12
42	73	Qs	-6.840E-13	-7.637E-13
42	36	T+	0.	0.
42	38	T+	0.	0.
42	74	T+	0.	0.
42	73	T+	0.	0.
42	36	T-	0.	0.
42	38	T-	0.	0.
42	74	T-	0.	0.
42	73	T-	0.	0.
42	36	W	0.00622	-0.0146
42	38	W	-0.07449	-0.0146
42	74	W	-0.07449	0.00034
42	73	W	0.00622	0.00034
42	36	Qm-1	-0.00179	-0.00306
42	38	Qm-1	-0.00161	-0.00306
42	74	Qm-1	-0.00161	-0.00326
42	73	Qm-1	-0.00179	-0.00326
42	36	Qm-2	-0.00025	-0.00067
42	38	Qm-2	-5.568E-05	-0.00067
42	74	Qm-2	-5.568E-05	-0.00062
42	73	Qm-2	-0.00025	-0.00062
43	38	DEAD	0.	0.
43	40	DEAD	0.	0.
43	75	DEAD	0.	0.
43	74	DEAD	0.	0.
43	38	G1	2.701E-11	-6.940E-11
43	40	G1	2.960E-11	-7.579E-11
43	75	G1	-2.847E-11	-4.418E-11
43	74	G1	1.699E-11	-2.031E-11
43	38	G2	0.00092	0.00168
43	40	G2	0.00208	0.00168
43	75	G2	0.00208	0.00041
43	74	G2	0.00092	0.00041
43	38	Qm	-0.0025	0.00033
43	40	Qm	-0.00257	0.00033
43	75	Qm	-0.00257	0.00031
43	74	Qm	-0.0025	0.00031
43	38	Qs	5.574E-12	-9.636E-13
43	40	Qs	3.651E-12	-2.286E-12
43	75	Qs	1.160E-12	1.874E-12
43	74	Qs	1.445E-12	-7.969E-14
43	38	T+	0.	0.
43	40	T+	0.	0.
43	75	T+	0.	0.
43	74	T+	0.	0.
43	38	T-	0.	0.
43	40	T-	0.	0.
43	75	T-	0.	0.
43	74	T-	0.	0.

Table 27: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13	V23
			KN/mm	KN/mm
43	38	W	-0.0814	0.07095
43	40	W	0.17075	0.07095
43	75	W	0.17075	0.057
43	74	W	-0.0814	0.057
43	38	Qm-1	-0.00156	-0.00239
43	40	Qm-1	-0.0014	-0.00239
43	75	Qm-1	-0.0014	-0.0025
43	74	Qm-1	-0.00156	-0.0025
43	38	Qm-2	-8.213E-05	-0.00046
43	40	Qm-2	-1.366E-06	-0.00046
43	75	Qm-2	-1.366E-06	-0.00042
43	74	Qm-2	-8.213E-05	-0.00042
44	40	DEAD	0.	0.
44	42	DEAD	0.	0.
44	76	DEAD	0.	0.
44	75	DEAD	0.	0.
44	40	G1	-5.901E-12	6.102E-11
44	42	G1	1.846E-12	5.463E-11
44	76	G1	4.958E-11	-3.481E-11
44	75	G1	6.890E-12	-1.094E-11
44	40	G2	0.00208	-0.00159
44	42	G2	0.00094	-0.00159
44	76	G2	0.00094	-0.00032
44	75	G2	0.00208	-0.00032
44	40	Qm	-0.00256	-0.00014
44	42	Qm	-0.0026	-0.00014
44	76	Qm	-0.0026	-0.00015
44	75	Qm	-0.00256	-0.00015
44	40	Qs	2.061E-12	6.371E-12
44	42	Qs	1.384E-12	4.710E-12
44	76	Qs	4.583E-12	-9.164E-14
44	75	Qs	2.802E-12	2.661E-12
44	40	T+	0.	0.
44	42	T+	0.	0.
44	76	T+	0.	0.
44	75	T+	0.	0.
44	40	T-	0.	0.
44	42	T-	0.	0.
44	76	T-	0.	0.
44	75	T-	0.	0.
44	40	W	0.17073	-0.06849
44	42	W	-0.08126	-0.06849
44	76	W	-0.08126	-0.05448
44	75	W	0.17073	-0.05448
44	40	Qm-1	-0.00137	-0.00152
44	42	Qm-1	-0.00133	-0.00152
44	76	Qm-1	-0.00133	-0.00157
44	75	Qm-1	-0.00137	-0.00157
44	40	Qm-2	-1.689E-05	-0.00025
44	42	Qm-2	1.652E-05	-0.00025
44	76	Qm-2	1.652E-05	-0.00023
44	75	Qm-2	-1.689E-05	-0.00023
45	42	DEAD	0.	0.
45	44	DEAD	0.	0.

Table 27: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13	V23
			KN/mm	KN/mm
45	77	DEAD	0.	0.
45	76	DEAD	0.	0.
45	42	G1	3.509E-11	-2.414E-11
45	44	G1	-3.548E-11	-1.479E-11
45	77	G1	2.752E-11	5.909E-11
45	76	G1	-3.296E-11	1.043E-11
45	42	G2	0.00078	-0.00026
45	44	G2	0.00058	-0.00026
45	77	G2	0.00058	-0.00033
45	76	G2	0.00078	-0.00033
45	42	Qm	-0.00259	-0.00058
45	44	Qm	-0.0026	-0.00058
45	77	Qm	-0.0026	-0.00059
45	76	Qm	-0.00259	-0.00059
45	42	Qs	2.586E-12	7.200E-13
45	44	Qs	3.208E-12	1.766E-12
45	77	Qs	5.423E-12	3.557E-12
45	76	Qs	-1.206E-12	2.239E-12
45	42	T+	0.	0.
45	44	T+	0.	0.
45	77	T+	0.	0.
45	76	T+	0.	0.
45	42	T-	0.	0.
45	44	T-	0.	0.
45	77	T-	0.	0.
45	76	T-	0.	0.
45	42	W	-0.0744	0.01705
45	44	W	0.00668	0.01705
45	77	W	0.00668	0.00213
45	76	W	-0.0744	0.00213
45	42	Qm-1	-0.00131	-0.00055
45	44	Qm-1	-0.00133	-0.00055
45	77	Qm-1	-0.00133	-0.00057
45	76	Qm-1	-0.00131	-0.00057
45	42	Qm-2	1.205E-05	-5.163E-05
45	44	Qm-2	1.102E-05	-5.163E-05
45	77	Qm-2	1.102E-05	-5.330E-05
45	76	Qm-2	1.205E-05	-5.330E-05
46	44	DEAD	0.	0.
46	46	DEAD	0.	0.
46	78	DEAD	0.	0.
46	77	DEAD	0.	0.
46	44	G1	-1.158E-11	4.507E-11
46	46	G1	4.323E-11	1.062E-11
46	78	G1	3.634E-11	-2.846E-12
46	77	G1	-9.736E-12	-1.208E-11
46	44	G2	0.00058	2.264E-05
46	46	G2	0.00056	2.264E-05
46	78	G2	0.00056	5.782E-05
46	77	G2	0.00058	5.782E-05
46	44	Qm	-0.00259	-0.00098
46	46	Qm	-0.00257	-0.00098
46	78	Qm	-0.00257	-0.00099
46	77	Qm	-0.00259	-0.00099

Table 27: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13	V23
			KN/mm	KN/mm
46	44	Qs	3.316E-12	2.826E-12
46	46	Qs	4.850E-12	1.134E-12
46	78	Qs	4.419E-12	-6.418E-13
46	77	Qs	3.431E-12	5.038E-13
46	44	T+	0.	0.
46	46	T+	0.	0.
46	78	T+	0.	0.
46	77	T+	0.	0.
46	44	T-	0.	0.
46	46	T-	0.	0.
46	78	T-	0.	0.
46	77	T-	0.	0.
46	44	W	0.00678	-0.00243
46	46	W	-0.00903	-0.00243
46	78	W	-0.00903	0.00121
46	77	W	0.00678	0.00121
46	44	Qm-1	-0.00133	0.00047
46	46	Qm-1	-0.00142	0.00047
46	78	Qm-1	-0.00142	0.00047
46	77	Qm-1	-0.00133	0.00047
46	44	Qm-2	1.745E-05	0.00015
46	46	Qm-2	-1.952E-05	0.00015
46	78	Qm-2	-1.952E-05	0.00013
46	77	Qm-2	1.745E-05	0.00013
47	46	DEAD	0.	0.
47	48	DEAD	0.	0.
47	79	DEAD	0.	0.
47	78	DEAD	0.	0.
47	46	G1	2.158E-11	8.159E-11
47	48	G1	9.531E-12	6.387E-11
47	79	G1	-2.886E-11	9.168E-11
47	78	G1	5.745E-11	6.135E-11
47	46	G2	0.00055	0.00034
47	48	G2	0.00056	0.00034
47	79	G2	0.00056	0.00034
47	78	G2	0.00055	0.00034
47	46	Qm	-0.00256	-0.00135
47	48	Qm	-0.00251	-0.00135
47	79	Qm	-0.00251	-0.00136
47	78	Qm	-0.00256	-0.00136
47	46	Qs	4.668E-12	3.146E-12
47	48	Qs	4.510E-12	2.039E-12
47	79	Qs	3.249E-12	4.407E-12
47	78	Qs	3.407E-12	2.512E-12
47	46	T+	0.	0.
47	48	T+	0.	0.
47	79	T+	0.	0.
47	78	T+	0.	0.
47	46	T-	0.	0.
47	48	T-	0.	0.
47	79	T-	0.	0.
47	78	T-	0.	0.
47	46	W	-0.00909	0.00138
47	48	W	-0.00633	0.00138

Table 27: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13	V23
			KN/mm	KN/mm
47	79	W	-0.00633	0.00076
47	78	W	-0.00909	0.00076
47	46	Qm-1	-0.00142	0.00145
47	48	Qm-1	-0.00163	0.00145
47	79	Qm-1	-0.00163	0.00151
47	78	Qm-1	-0.00142	0.00151
47	46	Qm-2	-1.075E-06	0.00036
47	48	Qm-2	-9.030E-05	0.00036
47	79	Qm-2	-9.030E-05	0.00031
47	78	Qm-2	-1.075E-06	0.00031
48	48	DEAD	0.	0.
48	50	DEAD	0.	0.
48	80	DEAD	0.	0.
48	79	DEAD	0.	0.
48	48	G1	3.987E-11	7.387E-11
48	50	G1	1.794E-12	1.088E-10
48	80	G1	-2.822E-11	6.882E-11
48	79	G1	-3.250E-12	1.038E-10
48	48	G2	0.00057	0.00069
48	50	G2	0.0006	0.00069
48	80	G2	0.0006	0.00064
48	79	G2	0.00057	0.00064
48	48	Qm	-0.00251	-0.00165
48	50	Qm	-0.00242	-0.00165
48	80	Qm	-0.00242	-0.00168
48	79	Qm	-0.00251	-0.00168
48	48	Qs	7.024E-12	4.071E-13
48	50	Qs	3.868E-12	2.345E-12
48	80	Qs	3.714E-12	2.141E-12
48	79	Qs	3.868E-12	2.660E-12
48	48	T+	0.	0.
48	50	T+	0.	0.
48	80	T+	0.	0.
48	79	T+	0.	0.
48	48	T-	0.	0.
48	50	T-	0.	0.
48	80	T-	0.	0.
48	79	T-	0.	0.
48	48	W	-0.00626	0.00257
48	50	W	0.00166	0.00257
48	80	W	0.00166	0.00062
48	79	W	-0.00626	0.00062
48	48	Qm-1	-0.00165	0.00233
48	50	Qm-1	-0.00191	0.00233
48	80	Qm-1	-0.00191	0.00246
48	79	Qm-1	-0.00165	0.00246
48	48	Qm-2	-5.884E-05	0.00058
48	50	Qm-2	-0.00027	0.00058
48	80	Qm-2	-0.00027	0.00052
48	79	Qm-2	-5.884E-05	0.00052
49	50	DEAD	0.	0.
49	52	DEAD	0.	0.
49	81	DEAD	0.	0.
49	80	DEAD	0.	0.

Table 27: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13	V23
			KN/mm	KN/mm
49	50	G1	-1.994E-11	7.614E-11
49	52	G1	-3.582E-11	1.111E-10
49	81	G1	-4.811E-12	5.345E-11
49	80	G1	-2.825E-11	8.839E-11
49	50	G2	0.00061	0.00103
49	52	G2	0.00084	0.00103
49	81	G2	0.00084	0.00107
49	80	G2	0.00061	0.00107
49	50	Qm	-0.0024	-0.00186
49	52	Qm	-0.00226	-0.00186
49	81	Qm	-0.00226	-0.00193
49	80	Qm	-0.0024	-0.00193
49	50	Qs	2.729E-12	-3.640E-13
49	52	Qs	2.334E-12	1.359E-12
49	81	Qs	3.649E-13	-3.640E-13
49	80	Qs	4.856E-12	9.754E-14
49	50	T+	0.	0.
49	52	T+	0.	0.
49	81	T+	0.	0.
49	80	T+	0.	0.
49	50	T-	0.	0.
49	52	T-	0.	0.
49	81	T-	0.	0.
49	80	T-	0.	0.
49	50	W	0.00178	-0.00648
49	52	W	-0.03893	-0.00648
49	81	W	-0.03893	0.00046
49	80	W	0.00178	0.00046
49	50	Qm-1	-0.002	0.0029
49	52	Qm-1	-0.00298	0.0029
49	81	Qm-1	-0.00298	0.00343
49	80	Qm-1	-0.002	0.00343
49	50	Qm-2	-0.00028	0.00065
49	52	Qm-2	-0.00065	0.00065
49	81	Qm-2	-0.00065	0.00092
49	80	Qm-2	-0.00028	0.00092
50	52	DEAD	0.	0.
50	54	DEAD	0.	0.
50	82	DEAD	0.	0.
50	81	DEAD	0.	0.
50	52	G1	-3.913E-11	1.512E-10
50	54	G1	-7.444E-11	5.423E-11
50	82	G1	-7.444E-11	1.386E-10
50	81	G1	-3.913E-11	8.701E-11
50	52	G2	0.001	0.00243
50	54	G2	0.00235	0.00243
50	82	G2	0.00235	0.00125
50	81	G2	0.001	0.00125
50	52	Qm	-0.00221	-0.00186
50	54	Qm	-0.00198	-0.00186
50	82	Qm	-0.00198	-0.00211
50	81	Qm	-0.00221	-0.00211
50	52	Qs	1.589E-12	4.150E-12
50	54	Qs	-3.022E-13	5.857E-14

Table 27: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13	V23
			KN/mm	KN/mm
50	82	Qs	9.588E-13	3.677E-12
50	81	Qs	2.850E-12	2.581E-12
50	52	T+	0.	0.
50	54	T+	0.	0.
50	82	T+	0.	0.
50	81	T+	0.	0.
50	52	T-	0.	0.
50	54	T-	0.	0.
50	82	T-	0.	0.
50	81	T-	0.	0.
50	52	W	-0.0435	0.0327
50	54	W	0.09633	0.0327
50	82	W	0.09633	0.03445
50	81	W	-0.0435	0.03445
50	52	Qm-1	-0.00341	0.00208
50	54	Qm-1	-0.00318	0.00208
50	82	Qm-1	-0.00318	0.00385
50	81	Qm-1	-0.00341	0.00385
50	52	Qm-2	-0.0008	0.00029
50	54	Qm-2	-0.00054	0.00029
50	82	Qm-2	-0.00054	0.0007
50	81	Qm-2	-0.0008	0.0007
51	54	DEAD	0.	0.
51	56	DEAD	0.	0.
51	83	DEAD	0.	0.
51	82	DEAD	0.	0.
51	54	G1	-8.163E-11	6.924E-11
51	56	G1	-4.626E-11	9.385E-11
51	83	G1	-6.398E-11	1.376E-11
51	82	G1	-5.130E-11	4.593E-11
51	54	G2	0.00249	0.00028
51	56	G2	0.00253	0.00028
51	83	G2	0.00253	0.00037
51	82	G2	0.00249	0.00037
51	54	Qm	-0.0019	-0.00154
51	56	Qm	-0.00171	-0.00154
51	83	Qm	-0.00171	-0.00172
51	82	Qm	-0.0019	-0.00172
51	54	Qs	1.918E-13	2.648E-12
51	56	Qs	1.468E-12	4.401E-12
51	83	Qs	2.083E-12	2.175E-12
51	82	Qs	1.626E-12	4.244E-12
51	54	T+	0.	0.
51	56	T+	0.	0.
51	83	T+	0.	0.
51	82	T+	0.	0.
51	54	T-	0.	0.
51	56	T-	0.	0.
51	83	T-	0.	0.
51	82	T-	0.	0.
51	54	W	0.11278	0.05344
51	56	W	-0.00797	0.05344
51	83	W	-0.00797	-0.07397
51	82	W	0.11278	-0.07397

Table 27: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13	V23
			KN/mm	KN/mm
51	54	Qm-1	-0.00317	0.00125
51	56	Qm-1	-0.00371	0.00125
51	83	Qm-1	-0.00371	-0.00048
51	82	Qm-1	-0.00317	-0.00048
51	54	Qm-2	-0.00053	5.017E-06
51	56	Qm-2	-0.00099	5.017E-06
51	83	Qm-2	-0.00099	-0.00038
51	82	Qm-2	-0.00053	-0.00038
52	56	DEAD	0.	0.
52	58	DEAD	0.	0.
52	84	DEAD	0.	0.
52	83	DEAD	0.	0.
52	56	G1	-9.283E-12	8.113E-12
52	58	G1	-3.524E-11	5.979E-11
52	84	G1	-4.459E-11	2.829E-11
52	83	G1	-5.794E-11	4.214E-11
52	56	G2	0.00237	-0.00149
52	58	G2	0.00129	-0.00149
52	84	G2	0.00129	-0.00049
52	83	G2	0.00237	-0.00049
52	56	Qm	-0.00171	-0.00083
52	58	Qm	-0.00155	-0.00083
52	84	Qm	-0.00155	-0.00073
52	83	Qm	-0.00171	-0.00073
52	56	Qs	2.962E-12	1.190E-12
52	58	Qs	5.404E-13	4.635E-12
52	84	Qs	-5.053E-13	2.451E-12
52	83	Qs	1.644E-12	3.374E-12
52	56	T+	0.	0.
52	58	T+	0.	0.
52	84	T+	0.	0.
52	83	T+	0.	0.
52	56	T-	0.	0.
52	58	T-	0.	0.
52	84	T-	0.	0.
52	83	T-	0.	0.
52	56	W	-0.08468	0.08861
52	58	W	-0.03187	0.08861
52	84	W	-0.03187	-0.03818
52	83	W	-0.08468	-0.03818
52	56	Qm-1	-0.0033	0.00027
52	58	Qm-1	-0.0026	0.00027
52	84	Qm-1	-0.0026	-0.0001
52	83	Qm-1	-0.0033	-0.0001
52	56	Qm-2	-0.00086	-0.0004
52	58	Qm-2	-0.00062	-0.0004
52	84	Qm-2	-0.00062	-0.00051
52	83	Qm-2	-0.00086	-0.00051
53	59	DEAD	0.	0.
53	60	DEAD	0.	0.
53	86	DEAD	0.	0.
53	85	DEAD	0.	0.
53	59	G1	9.126E-12	-3.335E-11
53	60	G1	2.106E-11	-4.762E-11

Table 27: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13	V23
			KN/mm	KN/mm
53	86	G1	1.417E-11	-4.091E-11
53	85	G1	1.097E-11	-7.032E-11
53	59	G2	0.00121	0.0002
53	60	G2	0.0008	0.0002
53	86	G2	0.0008	-0.00013
53	85	G2	0.00121	-0.00013
53	59	Qm	-0.00131	-0.00014
53	60	Qm	-0.00128	-0.00014
53	86	Qm	-0.00128	-2.752E-05
53	85	Qm	-0.00131	-2.752E-05
53	59	Qs	2.360E-12	-2.484E-12
53	60	Qs	1.529E-12	-1.654E-12
53	86	Qs	1.099E-12	-1.065E-12
53	85	Qs	2.475E-12	-2.442E-12
53	59	T+	0.	0.
53	60	T+	0.	0.
53	86	T+	0.	0.
53	85	T+	0.	0.
53	59	T-	0.	0.
53	60	T-	0.	0.
53	86	T-	0.	0.
53	85	T-	0.	0.
53	59	W	0.01603	0.00687
53	60	W	-0.00091	0.00687
53	86	W	-0.00091	-0.00046
53	85	W	0.01603	-0.00046
53	59	Qm-1	-0.00171	-0.00027
53	60	Qm-1	-0.00166	-0.00027
53	86	Qm-1	-0.00166	-0.00012
53	85	Qm-1	-0.00171	-0.00012
53	59	Qm-2	-6.731E-05	-6.272E-05
53	60	Qm-2	-5.767E-05	-6.272E-05
53	86	Qm-2	-5.767E-05	-2.037E-05
53	85	Qm-2	-6.731E-05	-2.037E-05
54	60	DEAD	0.	0.
54	61	DEAD	0.	0.
54	87	DEAD	0.	0.
54	86	DEAD	0.	0.
54	60	G1	1.676E-11	-2.087E-11
54	61	G1	1.275E-11	-9.420E-11
54	87	G1	5.459E-11	-8.256E-12
54	86	G1	-2.003E-11	-7.907E-11
54	60	G2	0.00083	-0.00049
54	61	G2	0.00092	-0.00049
54	87	G2	0.00092	-0.00028
54	86	G2	0.00083	-0.00028
54	60	Qm	-0.00134	0.00011
54	61	Qm	-0.00133	0.00011
54	87	Qm	-0.00133	0.00027
54	86	Qm	-0.00134	0.00027
54	60	Qs	1.773E-12	-1.706E-12
54	61	Qs	4.979E-12	-5.397E-12
54	87	Qs	5.871E-12	-3.755E-12
54	86	Qs	-6.487E-14	-6.343E-12

Table 27: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13	V23
			KN/mm	KN/mm
54	60	T+	0.	0.
54	61	T+	0.	0.
54	87	T+	0.	0.
54	86	T+	0.	0.
54	60	T-	0.	0.
54	61	T-	0.	0.
54	87	T-	0.	0.
54	86	T-	0.	0.
54	60	W	-0.00142	-0.01108
54	61	W	0.0075	-0.01108
54	87	W	0.0075	0.00085
54	86	W	-0.00142	0.00085
54	60	Qm-1	-0.00174	-2.204E-05
54	61	Qm-1	-0.00171	-2.204E-05
54	87	Qm-1	-0.00171	0.00017
54	86	Qm-1	-0.00174	0.00017
54	60	Qm-2	-7.966E-05	9.561E-06
54	61	Qm-2	-7.669E-05	9.561E-06
54	87	Qm-2	-7.669E-05	7.220E-05
54	86	Qm-2	-7.966E-05	7.220E-05
55	61	DEAD	0.	0.
55	62	DEAD	0.	0.
55	88	DEAD	0.	0.
55	87	DEAD	0.	0.
55	61	G1	5.470E-13	-6.348E-11
55	62	G1	-2.041E-12	-6.693E-11
55	88	G1	3.585E-11	-5.592E-11
55	87	G1	-9.607E-12	-5.684E-11
55	61	G2	0.00083	-0.00065
55	62	G2	0.00065	-0.00065
55	88	G2	0.00065	-0.00045
55	87	G2	0.00083	-0.00045
55	61	Qm	-0.00141	0.00034
55	62	Qm	-0.0014	0.00034
55	88	Qm	-0.0014	0.00053
55	87	Qm	-0.00141	0.00053
55	61	Qs	3.441E-12	-3.283E-12
55	62	Qs	4.383E-12	-3.713E-12
55	88	Qs	6.751E-12	-4.544E-12
55	87	Qs	2.807E-12	-4.659E-12
55	61	T+	0.	0.
55	62	T+	0.	0.
55	88	T+	0.	0.
55	87	T+	0.	0.
55	61	T-	0.	0.
55	62	T-	0.	0.
55	88	T-	0.	0.
55	87	T-	0.	0.
55	61	W	0.00625	-0.00067
55	62	W	-0.00436	-0.00067
55	88	W	-0.00436	-0.00373
55	87	W	0.00625	-0.00373
55	61	Qm-1	-0.00179	0.0002
55	62	Qm-1	-0.00179	0.0002

Table 27: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13	V23
			KN/mm	KN/mm
55	88	Qm-1	-0.00179	0.00039
55	87	Qm-1	-0.00179	0.00039
55	61	Qm-2	-0.0001	6.920E-05
55	62	Qm-2	-0.0001	6.920E-05
55	88	Qm-2	-0.0001	0.00013
55	87	Qm-2	-0.0001	0.00013
56	62	DEAD	0.	0.
56	63	DEAD	0.	0.
56	89	DEAD	0.	0.
56	88	DEAD	0.	0.
56	62	G1	-1.957E-11	3.207E-11
56	63	G1	-2.275E-12	-3.093E-11
56	89	G1	-3.722E-11	4.330E-12
56	88	G1	1.538E-11	-6.371E-11
56	62	G2	0.00062	-0.00045
56	63	G2	0.00054	-0.00045
56	89	G2	0.00054	-0.00042
56	88	G2	0.00062	-0.00042
56	62	Qm	-0.00149	0.00049
56	63	Qm	-0.00148	0.00049
56	89	Qm	-0.00148	0.0007
56	88	Qm	-0.00149	0.0007
56	62	Qs	5.001E-12	-7.914E-13
56	63	Qs	2.006E-12	-1.499E-12
56	89	Qs	2.006E-12	1.544E-13
56	88	Qs	5.001E-12	-3.233E-12
56	62	T+	0.	0.
56	63	T+	0.	0.
56	89	T+	0.	0.
56	88	T+	0.	0.
56	62	T-	0.	0.
56	63	T-	0.	0.
56	89	T-	0.	0.
56	88	T-	0.	0.
56	62	W	-0.00328	0.0011
56	63	W	-0.003	0.0011
56	89	W	-0.003	-0.00032
56	88	W	-0.00328	-0.00032
56	62	Qm-1	-0.00185	0.00036
56	63	Qm-1	-0.00188	0.00036
56	89	Qm-1	-0.00188	0.00049
56	88	Qm-1	-0.00185	0.00049
56	62	Qm-2	-0.00012	0.0001
56	63	Qm-2	-0.00013	0.0001
56	89	Qm-2	-0.00013	0.00014
56	88	Qm-2	-0.00012	0.00014
57	63	DEAD	0.	0.
57	64	DEAD	0.	0.
57	90	DEAD	0.	0.
57	89	DEAD	0.	0.
57	63	G1	-3.691E-11	2.692E-11
57	64	G1	4.226E-11	-3.459E-11
57	90	G1	4.127E-11	-1.091E-11
57	89	G1	1.452E-11	-1.808E-12

Table 27: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13	V23
			KN/mm	KN/mm
57	63	G2	0.00053	-0.00032
57	64	G2	0.00052	-0.00032
57	90	G2	0.00052	-0.00032
57	89	G2	0.00053	-0.00032
57	63	Qm	-0.00155	0.00056
57	64	Qm	-0.00155	0.00056
57	90	Qm	-0.00155	0.00072
57	89	Qm	-0.00155	0.00072
57	63	Qs	1.003E-12	-4.559E-13
57	64	Qs	7.516E-12	-2.332E-12
57	90	Qs	5.731E-12	-2.820E-12
57	89	Qs	4.679E-12	-1.252E-13
57	63	T+	0.	0.
57	64	T+	0.	0.
57	90	T+	0.	0.
57	89	T+	0.	0.
57	63	T-	0.	0.
57	64	T-	0.	0.
57	90	T-	0.	0.
57	89	T-	0.	0.
57	63	W	-0.00275	0.00096
57	64	W	-0.00285	0.00096
57	90	W	-0.00285	0.00102
57	89	W	-0.00275	0.00102
57	63	Qm-1	-0.00192	0.00046
57	64	Qm-1	-0.00198	0.00046
57	90	Qm-1	-0.00198	0.00053
57	89	Qm-1	-0.00192	0.00053
57	63	Qm-2	-0.00013	0.00012
57	64	Qm-2	-0.00015	0.00012
57	90	Qm-2	-0.00015	0.00012
57	89	Qm-2	-0.00013	0.00012
58	64	DEAD	0.	0.
58	65	DEAD	0.	0.
58	91	DEAD	0.	0.
58	90	DEAD	0.	0.
58	64	G1	4.413E-11	-4.225E-12
58	65	G1	2.083E-11	3.654E-12
58	91	G1	-4.413E-11	-1.179E-11
58	90	G1	3.596E-11	4.148E-11
58	64	G2	0.00052	-0.00019
58	65	G2	0.00054	-0.00019
58	91	G2	0.00054	-0.00021
58	90	G2	0.00052	-0.00021
58	64	Qm	-0.0016	0.00057
58	65	Qm	-0.00163	0.00057
58	91	Qm	-0.00163	0.00063
58	90	Qm	-0.0016	0.00063
58	64	Qs	6.854E-12	-4.681E-13
58	65	Qs	3.244E-12	-4.372E-13
58	91	Qs	1.337E-12	-2.990E-12
58	90	Qs	5.766E-12	-1.383E-12
58	64	T+	0.	0.
58	65	T+	0.	0.

Table 27: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13	V23
			KN/mm	KN/mm
58	91	T+	0.	0.
58	90	T+	0.	0.
58	64	T-	0.	0.
58	65	T-	0.	0.
58	91	T-	0.	0.
58	90	T-	0.	0.
58	64	W	-0.00291	0.00128
58	65	W	-0.00275	0.00128
58	91	W	-0.00275	0.00148
58	90	W	-0.00291	0.00148
58	64	Qm-1	-0.00199	0.00053
58	65	Qm-1	-0.00207	0.00053
58	91	Qm-1	-0.00207	0.00055
58	90	Qm-1	-0.00199	0.00055
58	64	Qm-2	-0.00015	0.00013
58	65	Qm-2	-0.00016	0.00013
58	91	Qm-2	-0.00016	0.00011
58	90	Qm-2	-0.00015	0.00011
59	65	DEAD	0.	0.
59	66	DEAD	0.	0.
59	92	DEAD	0.	0.
59	91	DEAD	0.	0.
59	65	G1	1.816E-11	-6.019E-12
59	66	G1	6.263E-11	3.188E-11
59	92	G1	4.590E-11	-8.541E-12
59	91	G1	-2.936E-12	1.613E-12
59	65	G2	0.00055	-5.178E-05
59	66	G2	0.00063	-5.178E-05
59	92	G2	0.00063	-9.298E-05
59	91	G2	0.00055	-9.298E-05
59	65	Qm	-0.00162	0.00058
59	66	Qm	-0.00169	0.00058
59	92	Qm	-0.00169	0.0005
59	91	Qm	-0.00162	0.0005
59	65	Qs	1.734E-12	-1.381E-12
59	66	Qs	6.048E-12	1.203E-12
59	92	Qs	7.093E-12	-2.169E-12
59	91	Qs	3.053E-12	-1.476E-12
59	65	T+	0.	0.
59	66	T+	0.	0.
59	92	T+	0.	0.
59	91	T+	0.	0.
59	65	T-	0.	0.
59	66	T-	0.	0.
59	92	T-	0.	0.
59	91	T-	0.	0.
59	65	W	-0.0033	0.00072
59	66	W	-0.00419	0.00072
59	92	W	-0.00419	0.00358
59	91	W	-0.0033	0.00358
59	65	Qm-1	-0.00207	0.00059
59	66	Qm-1	-0.00216	0.00059
59	92	Qm-1	-0.00216	0.00058
59	91	Qm-1	-0.00207	0.00058

Table 27: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13	V23
			KN/mm	KN/mm
59	65	Qm-2	-0.00015	0.00014
59	66	Qm-2	-0.00015	0.00014
59	92	Qm-2	-0.00015	0.00012
59	91	Qm-2	-0.00015	0.00012
60	66	DEAD	0.	0.
60	67	DEAD	0.	0.
60	93	DEAD	0.	0.
60	92	DEAD	0.	0.
60	66	G1	8.954E-11	-2.552E-11
60	67	G1	-3.299E-11	-8.294E-12
60	93	G1	-5.169E-11	2.222E-12
60	92	G1	-7.775E-12	6.838E-12
60	66	G2	0.00067	0.00018
60	67	G2	0.00083	0.00018
60	93	G2	0.00083	-4.143E-05
60	92	G2	0.00067	-4.143E-05
60	66	Qm	-0.00163	0.00063
60	67	Qm	-0.00174	0.00063
60	93	Qm	-0.00174	0.00045
60	92	Qm	-0.00163	0.00045
60	66	Qs	9.967E-12	-1.443E-12
60	67	Qs	-1.148E-12	-5.817E-13
60	93	Qs	-5.937E-13	1.079E-12
60	92	Qs	3.423E-12	1.310E-12
60	66	T+	0.	0.
60	67	T+	0.	0.
60	93	T+	0.	0.
60	92	T+	0.	0.
60	66	T-	0.	0.
60	67	T-	0.	0.
60	93	T-	0.	0.
60	92	T-	0.	0.
60	66	W	-0.00632	0.0038
60	67	W	0.01432	0.0038
60	93	W	0.01432	0.00993
60	92	W	-0.00632	0.00993
60	66	Qm-1	-0.00215	0.00067
60	67	Qm-1	-0.00228	0.00067
60	93	Qm-1	-0.00228	0.00063
60	92	Qm-1	-0.00215	0.00063
60	66	Qm-2	-0.00014	0.00016
60	67	Qm-2	-0.00014	0.00016
60	93	Qm-2	-0.00014	0.00013
60	92	Qm-2	-0.00014	0.00013
61	67	DEAD	0.	0.
61	68	DEAD	0.	0.
61	94	DEAD	0.	0.
61	93	DEAD	0.	0.
61	67	G1	-1.257E-11	-6.256E-11
61	68	G1	-8.203E-12	-4.484E-11
61	94	G1	-1.509E-11	-5.247E-11
61	93	G1	-1.073E-11	-2.214E-11
61	67	G2	0.00093	5.929E-05
61	68	G2	0.00076	5.929E-05

Table 27: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13	V23
			KN/mm	KN/mm
61	94	G2	0.00076	-0.00019
61	93	G2	0.00093	-0.00019
61	67	Qm	-0.00165	0.00079
61	68	Qm	-0.00179	0.00079
61	94	Qm	-0.00179	0.00057
61	93	Qm	-0.00165	0.00057
61	67	Qs	2.293E-12	-3.297E-12
61	68	Qs	8.547E-13	-2.651E-12
61	94	Qs	1.347E-12	-2.982E-12
61	93	Qs	-1.037E-12	-2.809E-12
61	67	T+	0.	0.
61	68	T+	0.	0.
61	94	T+	0.	0.
61	93	T+	0.	0.
61	67	T-	0.	0.
61	68	T-	0.	0.
61	94	T-	0.	0.
61	93	T-	0.	0.
61	67	W	0.01709	0.02454
61	68	W	-0.00102	0.02454
61	94	W	-0.00102	-0.00091
61	93	W	0.01709	-0.00091
61	67	Qm-1	-0.00225	0.00078
61	68	Qm-1	-0.0025	0.00078
61	94	Qm-1	-0.0025	0.00073
61	93	Qm-1	-0.00225	0.00073
61	67	Qm-2	-0.00012	0.00022
61	68	Qm-2	-0.00015	0.00022
61	94	Qm-2	-0.00015	0.00015
61	93	Qm-2	-0.00012	0.00015
62	68	DEAD	0.	0.
62	69	DEAD	0.	0.
62	95	DEAD	0.	0.
62	94	DEAD	0.	0.
62	68	G1	9.959E-12	2.314E-11
62	69	G1	3.813E-11	-4.331E-11
62	95	G1	3.518E-11	-7.123E-12
62	94	G1	-1.483E-11	-7.609E-11
62	68	G2	0.00076	-0.00052
62	69	G2	0.00095	-0.00052
62	95	G2	0.00095	-0.00027
62	94	G2	0.00076	-0.00027
62	68	Qm	-0.0017	0.00107
62	69	Qm	-0.00188	0.00107
62	95	Qm	-0.00188	0.00089
62	94	Qm	-0.0017	0.00089
62	68	Qs	4.600E-13	8.872E-13
62	69	Qs	3.912E-12	-2.804E-12
62	95	Qs	5.819E-12	-3.526E-12
62	94	Qs	1.548E-12	-6.114E-12
62	68	T+	0.	0.
62	69	T+	0.	0.
62	95	T+	0.	0.
62	94	T+	0.	0.

Table 27: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13	V23
			KN/mm	KN/mm
62	68	T-	0.	0.
62	69	T-	0.	0.
62	95	T-	0.	0.
62	94	T-	0.	0.
62	68	W	-0.00101	-0.0217
62	69	W	0.01693	-0.0217
62	95	W	0.01693	0.00374
62	94	W	-0.00101	0.00374
62	68	Qm-1	-0.00247	0.00096
62	69	Qm-1	-0.00276	0.00096
62	95	Qm-1	-0.00276	0.00096
62	94	Qm-1	-0.00247	0.00096
62	68	Qm-2	-0.0001	0.00034
62	69	Qm-2	-0.00018	0.00034
62	95	Qm-2	-0.00018	0.00024
62	94	Qm-2	-0.0001	0.00024
63	69	DEAD	0.	0.
63	70	DEAD	0.	0.
63	96	DEAD	0.	0.
63	95	DEAD	0.	0.
63	69	G1	-7.880E-12	-7.162E-12
63	70	G1	-4.589E-11	-4.211E-12
63	96	G1	-5.327E-11	5.084E-11
63	95	G1	1.968E-11	2.605E-11
63	69	G2	0.00084	-0.00062
63	70	G2	0.00071	-0.00062
63	96	G2	0.00071	-0.0004
63	95	G2	0.00084	-0.0004
63	69	Qm	-0.00181	0.00145
63	70	Qm	-0.00204	0.00145
63	96	Qm	-0.00204	0.00138
63	95	Qm	-0.00181	0.00138
63	69	Qs	2.515E-12	2.739E-13
63	70	Qs	4.395E-12	-4.339E-13
63	96	Qs	2.672E-12	2.638E-12
63	95	Qs	2.976E-12	-7.491E-13
63	69	T+	0.	0.
63	70	T+	0.	0.
63	96	T+	0.	0.
63	95	T+	0.	0.
63	69	T-	0.	0.
63	70	T-	0.	0.
63	96	T-	0.	0.
63	95	T-	0.	0.
63	69	W	0.01417	-0.001
63	70	W	-0.00667	-0.001
63	96	W	-0.00667	-0.00711
63	95	W	0.01417	-0.00711
63	69	Qm-1	-0.0028	0.00108
63	70	Qm-1	-0.00376	0.00108
63	96	Qm-1	-0.00376	0.00148
63	95	Qm-1	-0.0028	0.00148
63	69	Qm-2	-8.140E-05	0.00078
63	70	Qm-2	-0.00051	0.00078

Table 27: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13	V23
			KN/mm	KN/mm
63	96	Qm-2	-0.00051	0.00037
63	95	Qm-2	-8.140E-05	0.00037
64	70	DEAD	0.	0.
64	71	DEAD	0.	0.
64	97	DEAD	0.	0.
64	96	DEAD	0.	0.
64	70	G1	1.126E-11	9.470E-11
64	71	G1	-1.665E-12	5.532E-11
64	97	G1	6.214E-12	1.048E-10
64	96	G1	-4.202E-11	1.749E-11
64	70	G2	0.00067	-0.00035
64	71	G2	0.00061	-0.00035
64	97	G2	0.00061	-0.00031
64	96	G2	0.00067	-0.00031
64	70	Qm	-0.00204	0.00191
64	71	Qm	-0.00238	0.00191
64	97	Qm	-0.00238	0.00209
64	96	Qm	-0.00204	0.00209
64	70	Qs	5.473E-12	2.162E-12
64	71	Qs	6.211E-12	2.100E-12
64	97	Qs	7.995E-12	1.130E-13
64	96	Qs	1.797E-12	-3.101E-12
64	70	T+	0.	0.
64	71	T+	0.	0.
64	97	T+	0.	0.
64	96	T+	0.	0.
64	70	T-	0.	0.
64	71	T-	0.	0.
64	97	T-	0.	0.
64	96	T-	0.	0.
64	70	W	-0.00457	0.00201
64	71	W	-0.00372	0.00201
64	97	W	-0.00372	-0.00068
64	96	W	-0.00457	-0.00068
64	70	Qm-1	-0.00414	0.0017
64	71	Qm-1	-0.0038	0.0017
64	97	Qm-1	-0.0038	0.00333
64	96	Qm-1	-0.00414	0.00333
64	70	Qm-2	-0.00072	0.00056
64	71	Qm-2	-0.003	0.00056
64	97	Qm-2	-0.003	0.00283
64	96	Qm-2	-0.00072	0.00283
65	71	DEAD	0.	0.
65	72	DEAD	0.	0.
65	98	DEAD	0.	0.
65	97	DEAD	0.	0.
65	71	G1	1.494E-12	-1.063E-10
65	72	G1	-5.577E-12	-4.032E-11
65	98	G1	-2.625E-11	-1.718E-10
65	97	G1	7.033E-12	-1.286E-10
65	71	G2	0.00061	-0.00014
65	72	G2	0.00062	-0.00014
65	98	G2	0.00062	-0.00014
65	97	G2	0.00061	-0.00014

Table 27: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13	V23
			KN/mm	KN/mm
65	71	Qm	-0.00243	0.00189
65	72	Qm	-0.00277	0.00189
65	98	Qm	-0.00277	0.00211
65	97	Qm	-0.00243	0.00211
65	71	Qs	8.288E-12	-2.202E-12
65	72	Qs	3.521E-12	2.166E-12
65	98	Qs	7.217E-13	-1.256E-12
65	97	Qs	9.038E-12	3.112E-12
65	71	T+	0.	0.
65	72	T+	0.	0.
65	98	T+	0.	0.
65	97	T+	0.	0.
65	71	T-	0.	0.
65	72	T-	0.	0.
65	98	T-	0.	0.
65	97	T-	0.	0.
65	71	W	-0.00326	0.00144
65	72	W	-0.00329	0.00144
65	98	W	-0.00329	0.00143
65	97	W	-0.00326	0.00143
65	71	Qm-1	-0.00374	-0.00487
65	72	Qm-1	-0.00404	-0.00487
65	98	Qm-1	-0.00404	-0.0068
65	97	Qm-1	-0.00374	-0.0068
65	71	Qm-2	-0.00299	-0.00103
65	72	Qm-2	-0.00066	-0.00103
65	98	Qm-2	-0.00066	-0.00333
65	97	Qm-2	-0.00299	-0.00333
66	72	DEAD	0.	0.
66	73	DEAD	0.	0.
66	99	DEAD	0.	0.
66	98	DEAD	0.	0.
66	72	G1	5.047E-11	-1.060E-10
66	73	G1	2.598E-12	-1.070E-10
66	99	G1	2.525E-11	-9.344E-11
66	98	G1	-5.793E-11	-1.449E-10
66	72	G2	0.00062	6.737E-05
66	73	G2	0.0007	6.737E-05
66	99	G2	0.0007	3.537E-05
66	98	G2	0.00062	3.537E-05
66	72	Qm	-0.0028	0.00136
66	73	Qm	-0.00301	0.00136
66	99	Qm	-0.00301	0.00141
66	98	Qm	-0.0028	0.00141
66	72	Qs	6.903E-12	-2.083E-12
66	73	Qs	3.396E-12	-2.073E-13
66	99	Qs	4.381E-12	-1.918E-13
66	98	Qs	2.438E-13	-2.887E-12
66	72	T+	0.	0.
66	73	T+	0.	0.
66	99	T+	0.	0.
66	98	T+	0.	0.
66	72	T-	0.	0.
66	73	T-	0.	0.

Table 27: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13	V23
			KN/mm	KN/mm
66	99	T-	0.	0.
66	98	T-	0.	0.
66	72	W	-0.00374	0.00086
66	73	W	-0.00466	0.00086
66	99	W	-0.00466	0.00352
66	98	W	-0.00374	0.00352
66	72	Qm-1	-0.00354	-0.004
66	73	Qm-1	-0.00257	-0.004
66	99	Qm-1	-0.00257	-0.00471
66	98	Qm-1	-0.00354	-0.00471
66	72	Qm-2	-0.00043	-0.00121
66	73	Qm-2	3.148E-05	-0.00121
66	99	Qm-2	3.148E-05	-0.00085
66	98	Qm-2	-0.00043	-0.00085
67	73	DEAD	0.	0.
67	74	DEAD	0.	0.
67	100	DEAD	0.	0.
67	99	DEAD	0.	0.
67	73	G1	1.746E-11	-7.869E-11
67	74	G1	1.014E-11	-8.803E-12
67	100	G1	-2.037E-11	-1.266E-10
67	99	G1	5.227E-14	-5.672E-11
67	73	G2	0.00073	0.00037
67	74	G2	0.00088	0.00037
67	100	G2	0.00088	0.00015
67	99	G2	0.00073	0.00015
67	73	Qm	-0.003	0.00085
67	74	Qm	-0.00313	0.00085
67	100	Qm	-0.00313	0.00085
67	99	Qm	-0.003	0.00085
67	73	Qs	6.256E-12	-4.859E-13
67	74	Qs	3.288E-12	2.990E-12
67	100	Qs	1.843E-12	-2.062E-12
67	99	Qs	3.446E-12	4.681E-13
67	73	T+	0.	0.
67	74	T+	0.	0.
67	100	T+	0.	0.
67	99	T+	0.	0.
67	73	T-	0.	0.
67	74	T-	0.	0.
67	100	T-	0.	0.
67	99	T-	0.	0.
67	73	W	-0.00675	0.00381
67	74	W	0.01402	0.00381
67	100	W	0.01402	0.0099
67	99	W	-0.00675	0.0099
67	73	Qm-1	-0.00242	-0.00341
67	74	Qm-1	-0.00214	-0.00341
67	100	Qm-1	-0.00214	-0.00369
67	99	Qm-1	-0.00242	-0.00369
67	73	Qm-2	-4.386E-05	-0.00069
67	74	Qm-2	5.509E-05	-0.00069
67	100	Qm-2	5.509E-05	-0.00065
67	99	Qm-2	-4.386E-05	-0.00065

Table 27: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13	V23
			KN/mm	KN/mm
68	74	DEAD	0.	0.
68	75	DEAD	0.	0.
68	101	DEAD	0.	0.
68	100	DEAD	0.	0.
68	74	G1	-4.743E-11	1.442E-12
68	75	G1	6.228E-12	-9.945E-11
68	101	G1	-6.760E-11	-3.639E-11
68	100	G1	4.910E-11	-1.146E-10
68	74	G2	0.00099	0.0003
68	75	G2	0.00082	0.0003
68	101	G2	0.00082	5.693E-05
68	100	G2	0.00099	5.693E-05
68	74	Qm	-0.00312	0.00035
68	75	Qm	-0.00319	0.00035
68	101	Qm	-0.00319	0.00034
68	100	Qm	-0.00312	0.00034
68	74	Qs	2.572E-12	3.936E-12
68	75	Qs	2.922E-12	-4.015E-13
68	101	Qs	5.225E-13	-4.777E-13
68	100	Qs	4.813E-12	-3.239E-12
68	74	T+	0.	0.
68	75	T+	0.	0.
68	101	T+	0.	0.
68	100	T+	0.	0.
68	74	T-	0.	0.
68	75	T-	0.	0.
68	101	T-	0.	0.
68	100	T-	0.	0.
68	74	W	0.01679	0.02442
68	75	W	-0.00121	0.02442
68	101	W	-0.00121	-0.00103
68	100	W	0.01679	-0.00103
68	74	Qm-1	-0.00207	-0.00255
68	75	Qm-1	-0.00184	-0.00255
68	101	Qm-1	-0.00184	-0.0027
68	100	Qm-1	-0.00207	-0.0027
68	74	Qm-2	3.435E-05	-0.00045
68	75	Qm-2	8.720E-05	-0.00045
68	101	Qm-2	8.720E-05	-0.00042
68	100	Qm-2	3.435E-05	-0.00042
69	75	DEAD	0.	0.
69	76	DEAD	0.	0.
69	102	DEAD	0.	0.
69	101	DEAD	0.	0.
69	75	G1	-1.127E-11	-6.235E-11
69	76	G1	-1.305E-11	-1.067E-11
69	102	G1	-4.406E-11	-1.191E-11
69	101	G1	-2.964E-12	1.937E-12
69	75	G2	0.00081	-0.00021
69	76	G2	0.00101	-0.00021
69	102	G2	0.00101	3.490E-05
69	101	G2	0.00081	3.490E-05
69	75	Qm	-0.00318	-0.00013
69	76	Qm	-0.00321	-0.00013

Table 27: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13	V23
			KN/mm	KN/mm
69	102	Qm	-0.00321	-0.00015
69	101	Qm	-0.00318	-0.00015
69	75	Qs	3.352E-12	-1.021E-12
69	76	Qs	2.533E-12	7.013E-13
69	102	Qs	2.564E-12	1.658E-12
69	101	Qs	1.745E-12	2.120E-12
69	75	T+	0.	0.
69	76	T+	0.	0.
69	102	T+	0.	0.
69	101	T+	0.	0.
69	75	T-	0.	0.
69	76	T-	0.	0.
69	102	T-	0.	0.
69	101	T-	0.	0.
69	75	W	-0.00122	-0.02196
69	76	W	0.01686	-0.02196
69	102	W	0.01686	0.0035
69	101	W	-0.00122	0.0035
69	75	Qm-1	-0.00181	-0.0016
69	76	Qm-1	-0.00172	-0.0016
69	102	Qm-1	-0.00172	-0.00167
69	101	Qm-1	-0.00181	-0.00167
69	75	Qm-2	7.442E-05	-0.00025
69	76	Qm-2	9.806E-05	-0.00025
69	102	Qm-2	9.806E-05	-0.00023
69	101	Qm-2	7.442E-05	-0.00023
70	76	DEAD	0.	0.
70	77	DEAD	0.	0.
70	103	DEAD	0.	0.
70	102	DEAD	0.	0.
70	76	G1	-7.496E-11	4.232E-11
70	77	G1	-1.261E-12	3.838E-11
70	103	G1	7.000E-13	2.466E-11
70	102	G1	1.261E-12	-1.975E-12
70	76	G2	0.0009	-0.00026
70	77	G2	0.00076	-0.00026
70	103	G2	0.00076	-3.804E-05
70	102	G2	0.0009	-3.804E-05
70	76	Qm	-0.0032	-0.00059
70	77	Qm	-0.0032	-0.00059
70	103	Qm	-0.0032	-0.0006
70	102	Qm	-0.0032	-0.0006
70	76	Qs	-1.440E-12	3.479E-12
70	77	Qs	5.035E-12	3.233E-12
70	103	Qs	1.713E-12	3.164E-12
70	102	Qs	4.247E-12	1.499E-12
70	76	T+	0.	0.
70	77	T+	0.	0.
70	103	T+	0.	0.
70	102	T+	0.	0.
70	76	T-	0.	0.
70	77	T-	0.	0.
70	103	T-	0.	0.
70	102	T-	0.	0.

Table 27: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13	V23
			KN/mm	KN/mm
70	76	W	0.01408	-0.00141
70	77	W	-0.00657	-0.00141
70	103	W	-0.00657	-0.0075
70	102	W	0.01408	-0.0075
70	76	Qm-1	-0.0017	-0.00056
70	77	Qm-1	-0.00171	-0.00056
70	103	Qm-1	-0.00171	-0.00059
70	102	Qm-1	-0.0017	-0.00059
70	76	Qm-2	9.336E-05	-5.425E-05
70	77	Qm-2	9.926E-05	-5.425E-05
70	103	Qm-2	9.926E-05	-5.372E-05
70	102	Qm-2	9.336E-05	-5.372E-05
71	77	DEAD	0.	0.
71	78	DEAD	0.	0.
71	104	DEAD	0.	0.
71	103	DEAD	0.	0.
71	77	G1	1.045E-13	2.048E-11
71	78	G1	1.979E-11	-1.053E-11
71	104	G1	2.028E-11	2.822E-12
71	103	G1	-2.561E-11	-5.486E-12
71	77	G2	0.00073	7.179E-05
71	78	G2	0.00067	7.179E-05
71	104	G2	0.00067	0.00011
71	103	G2	0.00073	0.00011
71	77	Qm	-0.0032	-0.00101
71	78	Qm	-0.00316	-0.00101
71	104	Qm	-0.00316	-0.00102
71	103	Qm	-0.0032	-0.00102
71	77	Qs	2.124E-12	1.174E-12
71	78	Qs	2.408E-12	-2.702E-12
71	104	Qs	3.700E-12	1.647E-12
71	103	Qs	1.778E-12	6.085E-13
71	77	T+	0.	0.
71	78	T+	0.	0.
71	104	T+	0.	0.
71	103	T+	0.	0.
71	77	T-	0.	0.
71	78	T-	0.	0.
71	104	T-	0.	0.
71	103	T-	0.	0.
71	77	W	-0.00448	0.00143
71	78	W	-0.00343	0.00143
71	104	W	-0.00343	-0.00131
71	103	W	-0.00448	-0.00131
71	77	Qm-1	-0.0017	0.00051
71	78	Qm-1	-0.0018	0.00051
71	104	Qm-1	-0.0018	0.00053
71	103	Qm-1	-0.0017	0.00053
71	77	Qm-2	0.0001	0.00014
71	78	Qm-2	9.038E-05	0.00014
71	104	Qm-2	9.038E-05	0.00012
71	103	Qm-2	0.0001	0.00012
72	78	DEAD	0.	0.
72	79	DEAD	0.	0.

Table 27: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13	V23
			KN/mm	KN/mm
72	105	DEAD	0.	0.
72	104	DEAD	0.	0.
72	78	G1	2.029E-11	8.687E-11
72	79	G1	3.450E-11	8.047E-11
72	105	G1	3.795E-11	6.165E-11
72	104	G1	1.937E-11	8.552E-11
72	78	G2	0.00066	0.00033
72	79	G2	0.00068	0.00033
72	105	G2	0.00068	0.00033
72	104	G2	0.00066	0.00033
72	78	Qm	-0.00315	-0.00139
72	79	Qm	-0.00308	-0.00139
72	105	Qm	-0.00308	-0.00141
72	104	Qm	-0.00315	-0.00141
72	78	Qs	4.476E-12	2.872E-12
72	79	Qs	5.229E-12	3.734E-12
72	105	Qs	7.628E-12	1.769E-12
72	104	Qs	2.234E-12	2.000E-12
72	78	T+	0.	0.
72	79	T+	0.	0.
72	105	T+	0.	0.
72	104	T+	0.	0.
72	78	T-	0.	0.
72	79	T-	0.	0.
72	105	T-	0.	0.
72	104	T-	0.	0.
72	78	W	-0.00294	0.00063
72	79	W	-0.00274	0.00063
72	105	W	-0.00274	0.00047
72	104	W	-0.00294	0.00047
72	78	Qm-1	-0.00181	0.00158
72	79	Qm-1	-0.00206	0.00158
72	105	Qm-1	-0.00206	0.00167
72	104	Qm-1	-0.00181	0.00167
72	78	Qm-2	0.0001	0.00035
72	79	Qm-2	5.964E-05	0.00035
72	105	Qm-2	5.964E-05	0.00031
72	104	Qm-2	0.0001	0.00031
73	79	DEAD	0.	0.
73	80	DEAD	0.	0.
73	106	DEAD	0.	0.
73	105	DEAD	0.	0.
73	79	G1	5.821E-11	7.791E-11
73	80	G1	-3.172E-11	6.413E-11
73	106	G1	-1.744E-11	1.157E-10
73	105	G1	2.881E-11	1.121E-10
73	79	G2	0.00069	0.00061
73	80	G2	0.0008	0.00061
73	106	G2	0.0008	0.00057
73	105	G2	0.00069	0.00057
73	79	Qm	-0.00308	-0.00172
73	80	Qm	-0.00296	-0.00172
73	106	Qm	-0.00296	-0.00176
73	105	Qm	-0.00308	-0.00176

Table 27: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13	V23
			KN/mm	KN/mm
73	79	Qs	6.660E-12	1.833E-12
73	80	Qs	5.201E-13	3.156E-12
73	106	Qs	3.350E-12	4.355E-12
73	105	Qs	4.303E-12	6.308E-12
73	79	T+	0.	0.
73	80	T+	0.	0.
73	106	T+	0.	0.
73	105	T+	0.	0.
73	79	T-	0.	0.
73	80	T-	0.	0.
73	106	T-	0.	0.
73	105	T-	0.	0.
73	79	W	-0.00291	0.00025
73	80	W	-0.00278	0.00025
73	106	W	-0.00278	0.00132
73	105	W	-0.00291	0.00132
73	79	Qm-1	-0.0021	0.00264
73	80	Qm-1	-0.00241	0.00264
73	106	Qm-1	-0.00241	0.00284
73	105	Qm-1	-0.0021	0.00284
73	79	Qm-2	8.002E-05	0.00059
73	80	Qm-2	-1.025E-05	0.00059
73	106	Qm-2	-1.025E-05	0.00055
73	105	Qm-2	8.002E-05	0.00055
74	80	DEAD	0.	0.
74	81	DEAD	0.	0.
74	107	DEAD	0.	0.
74	106	DEAD	0.	0.
74	80	G1	-5.645E-11	7.024E-11
74	81	G1	-6.494E-11	7.664E-11
74	107	G1	-6.149E-11	1.030E-10
74	106	G1	-5.737E-11	7.916E-11
74	80	G2	0.00084	0.00097
74	81	G2	0.00109	0.00097
74	107	G2	0.00109	0.00074
74	106	G2	0.00084	0.00074
74	80	Qm	-0.00295	-0.00199
74	81	Qm	-0.00277	-0.00199
74	107	Qm	-0.00277	-0.00208
74	106	Qm	-0.00295	-0.00208
74	80	Qs	5.404E-13	-1.480E-12
74	81	Qs	1.428E-12	-8.645E-13
74	107	Qs	1.644E-12	5.695E-13
74	106	Qs	4.827E-13	-8.645E-13
74	80	T+	0.	0.
74	81	T+	0.	0.
74	107	T+	0.	0.
74	106	T+	0.	0.
74	80	T-	0.	0.
74	81	T-	0.	0.
74	107	T-	0.	0.
74	106	T-	0.	0.
74	80	W	-0.00368	0.00172
74	81	W	0.00847	0.00172

Table 27: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13	V23
			KN/mm	KN/mm
74	107	W	0.00847	0.0039
74	106	W	-0.00368	0.0039
74	80	Qm-1	-0.00253	0.00352
74	81	Qm-1	-0.00357	0.00352
74	107	Qm-1	-0.00357	0.00412
74	106	Qm-1	-0.00253	0.00412
74	80	Qm-2	6.567E-05	0.00111
74	81	Qm-2	-0.00039	0.00111
74	107	Qm-2	-0.00039	0.00076
74	106	Qm-2	6.567E-05	0.00076
75	81	DEAD	0.	0.
75	82	DEAD	0.	0.
75	108	DEAD	0.	0.
75	107	DEAD	0.	0.
75	81	G1	-2.904E-11	1.650E-10
75	82	G1	-9.191E-11	9.952E-11
75	108	G1	-8.453E-11	1.801E-10
75	107	G1	-5.661E-11	1.626E-10
75	81	G2	0.00121	0.00105
75	82	G2	0.00124	0.00105
75	108	G2	0.00124	0.00063
75	107	G2	0.00121	0.00063
75	81	Qm	-0.00271	-0.00219
75	82	Qm	-0.00243	-0.00219
75	108	Qm	-0.00243	-0.00246
75	107	Qm	-0.00271	-0.00246
75	81	Qs	4.140E-12	6.024E-12
75	82	Qs	-4.086E-13	-4.663E-13
75	108	Qs	1.775E-12	5.078E-12
75	107	Qs	1.956E-12	1.740E-12
75	81	T+	0.	0.
75	82	T+	0.	0.
75	108	T+	0.	0.
75	107	T+	0.	0.
75	81	T-	0.	0.
75	82	T-	0.	0.
75	108	T-	0.	0.
75	107	T-	0.	0.
75	81	W	0.01157	0.01676
75	82	W	-0.00052	0.01676
75	108	W	-0.00052	-0.0066
75	107	W	0.01157	-0.0066
75	81	Qm-1	-0.00401	0.00478
75	82	Qm-1	-0.00384	0.00478
75	108	Qm-1	-0.00384	0.00658
75	107	Qm-1	-0.00401	0.00658
75	81	Qm-2	-0.00062	0.00095
75	82	Qm-2	-0.00295	0.00095
75	108	Qm-2	-0.00295	0.00325
75	107	Qm-2	-0.00062	0.00325
76	82	DEAD	0.	0.
76	83	DEAD	0.	0.
76	109	DEAD	0.	0.
76	108	DEAD	0.	0.

Table 27: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13	V23
			KN/mm	KN/mm
76	82	G1	-7.275E-11	2.551E-11
76	83	G1	-5.922E-11	5.946E-11
76	109	G1	-6.266E-11	-4.007E-11
76	108	G1	-7.183E-11	-5.655E-11
76	82	G2	0.00131	0.00032
76	83	G2	0.00146	0.00032
76	109	G2	0.00146	0.00039
76	108	G2	0.00131	0.00039
76	82	Qm	-0.00236	-0.0018
76	83	Qm	-0.0021	-0.0018
76	109	Qm	-0.0021	-0.00201
76	108	Qm	-0.00236	-0.00201
76	82	Qs	2.053E-12	4.212E-12
76	83	Qs	4.883E-13	5.289E-12
76	109	Qs	9.499E-13	4.291E-13
76	108	Qs	3.307E-13	7.176E-13
76	82	T+	0.	0.
76	83	T+	0.	0.
76	109	T+	0.	0.
76	108	T+	0.	0.
76	82	T-	0.	0.
76	83	T-	0.	0.
76	109	T-	0.	0.
76	108	T-	0.	0.
76	82	W	-0.00237	-0.05424
76	83	W	-0.00077	-0.05424
76	109	W	-0.00077	0.00212
76	108	W	-0.00237	0.00212
76	82	Qm-1	-0.00383	-0.00128
76	83	Qm-1	-0.00442	-0.00128
76	109	Qm-1	-0.00442	-0.00306
76	108	Qm-1	-0.00383	-0.00306
76	82	Qm-2	-0.00296	-0.00059
76	83	Qm-2	-0.00069	-0.00059
76	109	Qm-2	-0.00069	-0.00285
76	108	Qm-2	-0.00296	-0.00285
77	83	DEAD	0.	0.
77	84	DEAD	0.	0.
77	110	DEAD	0.	0.
77	109	DEAD	0.	0.
77	83	G1	-2.452E-11	4.935E-11
77	84	G1	-7.385E-11	3.901E-11
77	110	G1	-4.974E-11	1.909E-11
77	109	G1	-3.098E-11	1.632E-11
77	83	G2	0.00131	-0.00043
77	84	G2	0.00168	-0.00043
77	110	G2	0.00168	9.261E-05
77	109	G2	0.00131	9.261E-05
77	83	Qm	-0.00208	-0.00079
77	84	Qm	-0.00195	-0.00079
77	110	Qm	-0.00195	-0.00072
77	109	Qm	-0.00208	-0.00072
77	83	Qs	2.369E-12	2.997E-12
77	84	Qs	1.493E-12	3.858E-12

Table 27: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13	V23
			KN/mm	KN/mm
77	110	Qs	3.000E-12	1.736E-12
77	109	Qs	1.966E-12	1.966E-12
77	83	T+	0.	0.
77	84	T+	0.	0.
77	110	T+	0.	0.
77	109	T+	0.	0.
77	83	T-	0.	0.
77	84	T-	0.	0.
77	110	T-	0.	0.
77	109	T-	0.	0.
77	83	W	0.01357	-0.03606
77	84	W	-0.00729	-0.03606
77	110	W	-0.00729	-0.00527
77	109	W	0.01357	-0.00527
77	83	Qm-1	-0.00398	5.865E-06
77	84	Qm-1	-0.00334	5.865E-06
77	110	Qm-1	-0.00334	-0.00046
77	109	Qm-1	-0.00398	-0.00046
77	83	Qm-2	-0.00048	-0.00066
77	84	Qm-2	-6.413E-05	-0.00066
77	110	Qm-2	-6.413E-05	-0.00021
77	109	Qm-2	-0.00048	-0.00021
78	85	DEAD	0.	0.
78	86	DEAD	0.	0.
78	112	DEAD	0.	0.
78	111	DEAD	0.	0.
78	85	G1	-1.807E-11	-1.194E-10
78	86	G1	-6.297E-11	-8.689E-11
78	112	G1	-6.347E-11	-8.155E-11
78	111	G1	7.642E-12	3.898E-12
78	85	G2	0.00079	-4.282E-05
78	86	G2	0.0007	-4.282E-05
78	112	G2	0.0007	-0.00015
78	111	G2	0.00079	-0.00015
78	85	Qm	-0.00189	-3.854E-05
78	86	Qm	-0.00189	-3.854E-05
78	112	Qm	-0.00189	4.678E-05
78	111	Qm	-0.00189	4.678E-05
78	85	Qs	2.726E-12	-6.184E-12
78	86	Qs	2.346E-12	-3.139E-12
78	112	Qs	-2.689E-13	-3.189E-12
78	111	Qs	5.025E-12	-7.744E-13
78	85	T+	0.	0.
78	86	T+	0.	0.
78	112	T+	0.	0.
78	111	T+	0.	0.
78	85	T-	0.	0.
78	86	T-	0.	0.
78	112	T-	0.	0.
78	111	T-	0.	0.
78	85	W	0.00386	0.00222
78	86	W	0.00258	0.00222
78	112	W	0.00258	0.00092
78	111	W	0.00386	0.00092

Table 27: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13	V23
			KN/mm	KN/mm
78	85	Qm-1	-0.00245	-0.00014
78	86	Qm-1	-0.00243	-0.00014
78	112	Qm-1	-0.00243	-3.925E-06
78	111	Qm-1	-0.00245	-3.925E-06
78	85	Qm-2	-0.00015	-2.241E-05
78	86	Qm-2	-0.00016	-2.241E-05
78	112	Qm-2	-0.00016	6.887E-08
78	111	Qm-2	-0.00015	6.887E-08
79	86	DEAD	0.	0.
79	87	DEAD	0.	0.
79	113	DEAD	0.	0.
79	112	DEAD	0.	0.
79	86	G1	-5.308E-11	-3.717E-11
79	87	G1	-2.239E-11	-3.471E-11
79	113	G1	-5.162E-12	-9.426E-12
79	112	G1	-5.770E-11	-5.993E-11
79	86	G2	0.00073	-0.00028
79	87	G2	0.00069	-0.00028
79	113	G2	0.00069	-0.00025
79	112	G2	0.00073	-0.00025
79	86	Qm	-0.00194	0.00026
79	87	Qm	-0.00198	0.00026
79	113	Qm	-0.00198	0.00044
79	112	Qm	-0.00194	0.00044
79	86	Qs	4.860E-12	-5.092E-12
79	87	Qs	3.494E-13	-5.953E-12
79	113	Qs	5.333E-12	-2.097E-12
79	112	Qs	1.926E-12	-2.328E-12
79	86	T+	0.	0.
79	87	T+	0.	0.
79	113	T+	0.	0.
79	112	T+	0.	0.
79	86	T-	0.	0.
79	87	T-	0.	0.
79	113	T-	0.	0.
79	112	T-	0.	0.
79	86	W	0.00281	-0.00021
79	87	W	0.00213	-0.00021
79	113	W	0.00213	-0.00013
79	112	W	0.00281	-0.00013
79	86	Qm-1	-0.00251	0.00014
79	87	Qm-1	-0.00251	0.00014
79	113	Qm-1	-0.00251	0.00041
79	112	Qm-1	-0.00251	0.00041
79	86	Qm-2	-0.00017	7.029E-05
79	87	Qm-2	-0.0002	7.029E-05
79	113	Qm-2	-0.0002	0.00014
79	112	Qm-2	-0.00017	0.00014
80	87	DEAD	0.	0.
80	88	DEAD	0.	0.
80	114	DEAD	0.	0.
80	113	DEAD	0.	0.
80	87	G1	-9.464E-12	-7.059E-11
80	88	G1	-1.980E-11	-7.404E-11

Table 27: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13	V23
			KN/mm	KN/mm
80	114	G1	-9.464E-12	5.068E-12
80	113	G1	-1.223E-11	4.145E-12
80	87	G2	0.00067	-0.00043
80	88	G2	0.00065	-0.00043
80	114	G2	0.00065	-0.00033
80	113	G2	0.00067	-0.00033
80	87	Qm	-0.00207	0.00052
80	88	Qm	-0.00211	0.00052
80	114	Qm	-0.00211	0.0008
80	113	Qm	-0.00207	0.0008
80	87	Qs	5.004E-12	-6.338E-12
80	88	Qs	1.994E-12	-6.768E-12
80	114	Qs	2.640E-12	-3.267E-14
80	113	Qs	4.831E-12	-1.481E-13
80	87	T+	0.	0.
80	88	T+	0.	0.
80	114	T+	0.	0.
80	113	T+	0.	0.
80	87	T-	0.	0.
80	88	T-	0.	0.
80	114	T-	0.	0.
80	113	T-	0.	0.
80	87	W	0.00168	-0.00197
80	88	W	0.00064	-0.00197
80	114	W	0.00064	-0.00046
80	113	W	0.00168	-0.00046
80	87	Qm-1	-0.00263	0.00036
80	88	Qm-1	-0.00262	0.00036
80	114	Qm-1	-0.00262	0.00068
80	113	Qm-1	-0.00263	0.00068
80	87	Qm-2	-0.00024	0.00012
80	88	Qm-2	-0.00023	0.00012
80	114	Qm-2	-0.00023	0.00024
80	113	Qm-2	-0.00024	0.00024
81	88	DEAD	0.	0.
81	89	DEAD	0.	0.
81	115	DEAD	0.	0.
81	114	DEAD	0.	0.
81	88	G1	-5.357E-11	-1.154E-11
81	89	G1	4.935E-11	-1.204E-11
81	115	G1	-3.088E-11	8.632E-12
81	114	G1	1.909E-11	-1.708E-11
81	88	G2	0.00062	-0.0004
81	89	G2	0.00058	-0.0004
81	115	G2	0.00058	-0.00034
81	114	G2	0.00062	-0.00034
81	88	Qm	-0.00223	0.00068
81	89	Qm	-0.00226	0.00068
81	115	Qm	-0.00226	0.001
81	114	Qm	-0.00223	0.001
81	88	Qs	1.505E-12	-2.497E-12
81	89	Qs	3.458E-12	-3.438E-13
81	115	Qs	2.135E-12	-3.600E-12
81	114	Qs	3.458E-12	-3.023E-12

Table 27: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13	V23
			KN/mm	KN/mm
81	88	T+	0.	0.
81	89	T+	0.	0.
81	115	T+	0.	0.
81	114	T+	0.	0.
81	88	T-	0.	0.
81	89	T-	0.	0.
81	115	T-	0.	0.
81	114	T-	0.	0.
81	88	W	0.00067	0.00028
81	89	W	-0.00078	0.00028
81	115	W	-0.00078	-0.00012
81	114	W	0.00067	-0.00012
81	88	Qm-1	-0.00273	0.00049
81	89	Qm-1	-0.00277	0.00049
81	115	Qm-1	-0.00277	0.00071
81	114	Qm-1	-0.00273	0.00071
81	88	Qm-2	-0.00027	0.00014
81	89	Qm-2	-0.00027	0.00014
81	115	Qm-2	-0.00027	0.00019
81	114	Qm-2	-0.00027	0.00019
82	89	DEAD	0.	0.
82	90	DEAD	0.	0.
82	116	DEAD	0.	0.
82	115	DEAD	0.	0.
82	89	G1	3.227E-11	-2.343E-11
82	90	G1	-3.035E-11	-6.182E-11
82	116	G1	7.047E-12	2.197E-11
82	115	G1	4.783E-11	-1.390E-11
82	89	G2	0.00057	-0.00031
82	90	G2	0.00055	-0.00031
82	116	G2	0.00055	-0.0003
82	115	G2	0.00057	-0.0003
82	89	Qm	-0.00238	0.00071
82	90	Qm	-0.0024	0.00071
82	116	Qm	-0.0024	0.00098
82	115	Qm	-0.00238	0.00098
82	89	Qs	4.426E-12	-1.340E-12
82	90	Qs	4.153E-12	-3.739E-12
82	116	Qs	4.583E-12	1.340E-12
82	115	Qs	4.310E-12	-9.020E-13
82	89	T+	0.	0.
82	90	T+	0.	0.
82	116	T+	0.	0.
82	115	T+	0.	0.
82	89	T-	0.	0.
82	90	T-	0.	0.
82	116	T-	0.	0.
82	115	T-	0.	0.
82	89	W	-0.0006	0.00103
82	90	W	-0.00092	0.00103
82	116	W	-0.00092	0.00088
82	115	W	-0.0006	0.00088
82	89	Qm-1	-0.00282	0.00055
82	90	Qm-1	-0.00292	0.00055

Table 27: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13	V23
			KN/mm	KN/mm
82	116	Qm-1	-0.00292	0.00061
82	115	Qm-1	-0.00282	0.00061
82	89	Qm-2	-0.00028	0.00013
82	90	Qm-2	-0.00031	0.00013
82	116	Qm-2	-0.00031	0.0001
82	115	Qm-2	-0.00028	0.0001
83	90	DEAD	0.	0.
83	91	DEAD	0.	0.
83	117	DEAD	0.	0.
83	116	DEAD	0.	0.
83	90	G1	2.129E-11	-3.835E-12
83	91	G1	-7.406E-11	2.373E-11
83	117	G1	-1.401E-11	-6.357E-12
83	116	G1	-7.154E-11	1.028E-12
83	90	G2	0.00056	-0.00021
83	91	G2	0.00057	-0.00021
83	117	G2	0.00057	-0.00024
83	116	G2	0.00056	-0.00024
83	90	Qm	-0.00248	0.00063
83	91	Qm	-0.0025	0.00063
83	117	Qm	-0.0025	0.00074
83	116	Qm	-0.00248	0.00074
83	90	Qs	7.894E-12	-2.051E-12
83	91	Qs	1.881E-12	-3.283E-13
83	117	Qs	3.481E-12	-2.681E-12
83	116	Qs	2.669E-12	-2.220E-12
83	90	T+	0.	0.
83	91	T+	0.	0.
83	117	T+	0.	0.
83	116	T+	0.	0.
83	90	T-	0.	0.
83	91	T-	0.	0.
83	117	T-	0.	0.
83	116	T-	0.	0.
83	90	W	-0.00103	0.00135
83	91	W	-0.00022	0.00135
83	117	W	-0.00022	0.00202
83	116	W	-0.00103	0.00202
83	90	Qm-1	-0.00292	0.00059
83	91	Qm-1	-0.00303	0.00059
83	117	Qm-1	-0.00303	0.00059
83	116	Qm-1	-0.00292	0.00059
83	90	Qm-2	-0.00028	0.00012
83	91	Qm-2	-0.00031	0.00012
83	117	Qm-2	-0.00031	6.232E-05
83	116	Qm-2	-0.00028	6.232E-05
84	91	DEAD	0.	0.
84	92	DEAD	0.	0.
84	118	DEAD	0.	0.
84	117	DEAD	0.	0.
84	91	G1	-6.643E-11	2.102E-11
84	92	G1	-2.768E-11	-1.392E-11
84	118	G1	-3.112E-11	3.868E-11
84	117	G1	-6.551E-11	3.731E-12

Table 27: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13	V23
			KN/mm	KN/mm
84	91	G2	0.00058	-0.00011
84	92	G2	0.00061	-0.00011
84	118	G2	0.00061	-0.00018
84	117	G2	0.00058	-0.00018
84	91	Qm	-0.0025	0.00053
84	92	Qm	-0.00255	0.00053
84	118	Qm	-0.00255	0.00042
84	117	Qm	-0.0025	0.00042
84	91	Qs	4.295E-12	-2.730E-13
84	92	Qs	2.457E-12	-2.426E-12
84	118	Qs	3.349E-12	-2.730E-13
84	117	Qs	2.457E-12	-8.500E-13
84	91	T+	0.	0.
84	92	T+	0.	0.
84	118	T+	0.	0.
84	117	T+	0.	0.
84	91	T-	0.	0.
84	92	T-	0.	0.
84	118	T-	0.	0.
84	117	T-	0.	0.
84	91	W	-0.00067	0.00252
84	92	W	0.00202	0.00252
84	118	W	0.00202	0.00337
84	117	W	-0.00067	0.00337
84	91	Qm-1	-0.00303	0.00061
84	92	Qm-1	-0.00306	0.00061
84	118	Qm-1	-0.00306	0.00066
84	117	Qm-1	-0.00303	0.00066
84	91	Qm-2	-0.00031	0.00011
84	92	Qm-2	-0.00025	0.00011
84	118	Qm-2	-0.00025	0.00015
84	117	Qm-2	-0.00031	0.00015
85	92	DEAD	0.	0.
85	93	DEAD	0.	0.
85	119	DEAD	0.	0.
85	118	DEAD	0.	0.
85	92	G1	-3.877E-11	2.969E-11
85	93	G1	-5.087E-13	2.132E-12
85	119	G1	-3.459E-12	-5.712E-13
85	118	G1	-6.356E-11	-7.956E-12
85	92	G2	0.00065	-4.857E-05
85	93	G2	0.00064	-4.857E-05
85	119	G2	0.00064	-0.00018
85	118	G2	0.00065	-0.00018
85	92	Qm	-0.00246	0.00051
85	93	Qm	-0.00253	0.00051
85	119	Qm	-0.00253	0.00024
85	118	Qm	-0.00246	0.00024
85	92	Qs	2.455E-12	2.148E-12
85	93	Qs	5.880E-12	6.403E-13
85	119	Qs	4.189E-12	1.675E-12
85	118	Qs	1.309E-12	1.271E-12
85	92	T+	0.	0.
85	93	T+	0.	0.

Table 27: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13	V23
			KN/mm	KN/mm
85	119	T+	0.	0.
85	118	T+	0.	0.
85	92	T-	0.	0.
85	93	T-	0.	0.
85	119	T-	0.	0.
85	118	T-	0.	0.
85	92	W	0.00205	0.00668
85	93	W	0.00307	0.00668
85	119	W	0.00307	0.00335
85	118	W	0.00205	0.00335
85	92	Qm-1	-0.00307	0.00068
85	93	Qm-1	-0.00312	0.00068
85	119	Qm-1	-0.00312	0.00069
85	118	Qm-1	-0.00307	0.00069
85	92	Qm-2	-0.00026	0.00012
85	93	Qm-2	-0.00019	0.00012
85	119	Qm-2	-0.00019	0.00013
85	118	Qm-2	-0.00026	0.00013
86	93	DEAD	0.	0.
86	94	DEAD	0.	0.
86	120	DEAD	0.	0.
86	119	DEAD	0.	0.
86	93	G1	-9.569E-12	-1.457E-11
86	94	G1	-3.959E-11	-4.509E-11
86	120	G1	-2.974E-11	-5.240E-11
86	119	G1	1.338E-11	-3.500E-11
86	93	G2	0.00068	-0.00016
86	94	G2	0.00067	-0.00016
86	120	G2	0.00067	-0.00021
86	119	G2	0.00068	-0.00021
86	93	Qm	-0.0024	0.00064
86	94	Qm	-0.00247	0.00064
86	120	Qm	-0.00247	0.00032
86	119	Qm	-0.0024	0.00032
86	93	Qs	7.329E-12	2.079E-13
86	94	Qs	4.914E-12	-3.883E-12
86	120	Qs	7.960E-12	-3.575E-12
86	119	Qs	4.914E-12	-4.671E-12
86	93	T+	0.	0.
86	94	T+	0.	0.
86	120	T+	0.	0.
86	119	T+	0.	0.
86	93	T-	0.	0.
86	94	T-	0.	0.
86	120	T-	0.	0.
86	119	T-	0.	0.
86	93	W	0.00411	0.00211
86	94	W	0.00351	0.00211
86	120	W	0.00351	0.0024
86	119	W	0.00411	0.0024
86	93	Qm-1	-0.00309	0.00081
86	94	Qm-1	-0.00322	0.00081
86	120	Qm-1	-0.00322	0.00072
86	119	Qm-1	-0.00309	0.00072

Table 27: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13	V23
			KN/mm	KN/mm
86	93	Qm-2	-0.00019	0.00015
86	94	Qm-2	-0.00011	0.00015
86	120	Qm-2	-0.00011	7.297E-05
86	119	Qm-2	-0.00019	7.297E-05
87	94	DEAD	0.	0.
87	95	DEAD	0.	0.
87	121	DEAD	0.	0.
87	120	DEAD	0.	0.
87	94	G1	-3.793E-11	-5.081E-11
87	95	G1	-2.379E-11	1.366E-12
87	121	G1	1.755E-11	-2.054E-11
87	120	G1	-4.901E-11	1.902E-11
87	94	G2	0.00067	-0.00031
87	95	G2	0.0007	-0.00031
87	121	G2	0.0007	-0.00026
87	120	G2	0.00067	-0.00026
87	94	Qm	-0.00235	0.00095
87	95	Qm	-0.00241	0.00095
87	121	Qm	-0.00241	0.00072
87	120	Qm	-0.00235	0.00072
87	94	Qs	6.382E-12	-4.668E-12
87	95	Qs	3.741E-12	-2.915E-12
87	121	Qs	6.540E-12	-3.249E-12
87	120	Qs	5.632E-12	-1.181E-12
87	94	T+	0.	0.
87	95	T+	0.	0.
87	121	T+	0.	0.
87	120	T+	0.	0.
87	94	T-	0.	0.
87	95	T-	0.	0.
87	121	T-	0.	0.
87	120	T-	0.	0.
87	94	W	0.0035	0.00075
87	95	W	0.00408	0.00075
87	121	W	0.00408	0.00053
87	120	W	0.0035	0.00053
87	94	Qm-1	-0.00317	0.00108
87	95	Qm-1	-0.00336	0.00108
87	121	Qm-1	-0.00336	0.00104
87	120	Qm-1	-0.00317	0.00104
87	94	Qm-2	-7.760E-05	0.00025
87	95	Qm-2	2.338E-05	0.00025
87	121	Qm-2	2.338E-05	0.00011
87	120	Qm-2	-7.760E-05	0.00011
88	95	DEAD	0.	0.
88	96	DEAD	0.	0.
88	122	DEAD	0.	0.
88	121	DEAD	0.	0.
88	95	G1	9.614E-13	1.427E-11
88	96	G1	-3.853E-11	4.947E-13
88	122	G1	-2.426E-11	2.941E-11
88	121	G1	-2.845E-11	2.571E-11
88	95	G2	0.00066	-0.0004
88	96	G2	0.00069	-0.0004

Table 27: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13	V23
			KN/mm	KN/mm
88	122	G2	0.00069	-0.00027
88	121	G2	0.00066	-0.00027
88	95	Qm	-0.00234	0.00145
88	96	Qm	-0.00242	0.00145
88	122	Qm	-0.00242	0.00137
88	121	Qm	-0.00234	0.00137
88	95	Qs	2.910E-12	-7.554E-14
88	96	Qs	3.844E-12	-4.753E-13
88	122	Qs	4.644E-12	7.126E-13
88	121	Qs	5.893E-12	2.204E-12
88	95	T+	0.	0.
88	96	T+	0.	0.
88	122	T+	0.	0.
88	121	T+	0.	0.
88	95	T-	0.	0.
88	96	T-	0.	0.
88	122	T-	0.	0.
88	121	T-	0.	0.
88	95	W	0.003	-0.00383
88	96	W	0.00204	-0.00383
88	122	W	0.00204	-0.00039
88	121	W	0.003	-0.00039
88	95	Qm-1	-0.0034	0.0016
88	96	Qm-1	-0.00337	0.0016
88	122	Qm-1	-0.00337	0.00191
88	121	Qm-1	-0.0034	0.00191
88	95	Qm-2	4.494E-06	0.00036
88	96	Qm-2	0.00051	0.00036
88	122	Qm-2	0.00051	0.00061
88	121	Qm-2	4.494E-06	0.00061
89	96	DEAD	0.	0.
89	97	DEAD	0.	0.
89	123	DEAD	0.	0.
89	122	DEAD	0.	0.
89	96	G1	-2.960E-11	6.164E-11
89	97	G1	2.333E-13	1.276E-10
89	123	G1	-1.699E-11	4.903E-11
89	122	G1	-2.499E-11	9.228E-11
89	96	G2	0.00065	-0.0003
89	97	G2	0.00064	-0.0003
89	123	G2	0.00064	-0.00024
89	122	G2	0.00065	-0.00024
89	96	Qm	-0.00241	0.00217
89	97	Qm	-0.00248	0.00217
89	123	Qm	-0.00248	0.00224
89	122	Qm	-0.00241	0.00224
89	96	Qs	3.943E-12	-1.944E-12
89	97	Qs	5.954E-12	1.962E-12
89	123	Qs	3.155E-12	-1.787E-12
89	122	Qs	4.693E-12	8.589E-13
89	96	T+	0.	0.
89	97	T+	0.	0.
89	123	T+	0.	0.
89	122	T+	0.	0.

Table 27: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13	V23
			KN/mm	KN/mm
89	96	T-	0.	0.
89	97	T-	0.	0.
89	123	T-	0.	0.
89	122	T-	0.	0.
89	96	W	0.00193	0.00031
89	97	W	-0.0006	0.00031
89	123	W	-0.0006	-0.00031
89	122	W	0.00193	-0.00031
89	96	Qm-1	-0.00348	0.00322
89	97	Qm-1	-0.00326	0.00322
89	123	Qm-1	-0.00326	0.00329
89	122	Qm-1	-0.00348	0.00329
89	96	Qm-2	0.00076	0.00281
89	97	Qm-2	0.00312	0.00281
89	123	Qm-2	0.00312	0.00048
89	122	Qm-2	0.00076	0.00048
90	97	DEAD	0.	0.
90	98	DEAD	0.	0.
90	124	DEAD	0.	0.
90	123	DEAD	0.	0.
90	97	G1	4.521E-11	-1.616E-10
90	98	G1	-3.832E-11	-1.350E-10
90	124	G1	-1.027E-11	-8.594E-11
90	123	G1	1.212E-11	-1.300E-10
90	97	G2	0.00063	-0.00015
90	98	G2	0.00064	-0.00015
90	124	G2	0.00064	-0.00014
90	123	G2	0.00063	-0.00014
90	97	Qm	-0.00252	0.00218
90	98	Qm	-0.0026	0.00218
90	124	Qm	-0.0026	0.00231
90	123	Qm	-0.00252	0.00231
90	97	Qs	8.595E-12	-1.418E-12
90	98	Qs	1.451E-12	-1.264E-12
90	124	Qs	3.236E-12	3.784E-12
90	123	Qs	4.919E-12	6.272E-13
90	97	T+	0.	0.
90	98	T+	0.	0.
90	124	T+	0.	0.
90	123	T+	0.	0.
90	97	T-	0.	0.
90	98	T-	0.	0.
90	124	T-	0.	0.
90	123	T-	0.	0.
90	97	W	-0.00035	0.00145
90	98	W	-0.00039	0.00145
90	124	W	-0.00039	0.00144
90	123	W	-0.00035	0.00144
90	97	Qm-1	-0.0032	-0.0067
90	98	Qm-1	-0.00322	-0.0067
90	124	Qm-1	-0.00322	-0.00713
90	123	Qm-1	-0.0032	-0.00713
90	97	Qm-2	0.00312	-0.00335
90	98	Qm-2	0.00086	-0.00335

Table 27: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13	V23
			KN/mm	KN/mm
90	124	Qm-2	0.00086	-0.00104
90	123	Qm-2	0.00312	-0.00104
91	98	DEAD	0.	0.
91	99	DEAD	0.	0.
91	125	DEAD	0.	0.
91	124	DEAD	0.	0.
91	98	G1	-1.106E-11	-9.528E-11
91	99	G1	-1.383E-11	-9.479E-11
91	125	G1	-3.497E-12	-1.129E-10
91	124	G1	-1.383E-11	-8.722E-11
91	98	G2	0.00065	1.801E-05
91	99	G2	0.00067	1.801E-05
91	125	G2	0.00067	-4.210E-05
91	124	G2	0.00065	-4.210E-05
91	98	Qm	-0.00263	0.00147
91	99	Qm	-0.00273	0.00147
91	125	Qm	-0.00273	0.00155
91	124	Qm	-0.00263	0.00155
91	98	Qs	1.167E-12	-1.478E-13
91	99	Qs	1.394E-14	1.293E-13
91	125	Qs	-1.986E-12	2.059E-12
91	124	Qs	4.900E-12	5.331E-12
91	98	T+	0.	0.
91	99	T+	0.	0.
91	125	T+	0.	0.
91	124	T+	0.	0.
91	98	T-	0.	0.
91	99	T-	0.	0.
91	125	T-	0.	0.
91	124	T-	0.	0.
91	98	W	-0.00061	0.00256
91	99	W	0.00184	0.00256
91	125	W	0.00184	0.00316
91	124	W	-0.00061	0.00316
91	98	Qm-1	-0.00297	-0.00483
91	99	Qm-1	-0.00284	-0.00483
91	125	Qm-1	-0.00284	-0.00554
91	124	Qm-1	-0.00297	-0.00554
91	98	Qm-2	0.00062	-0.00087
91	99	Qm-2	0.00021	-0.00087
91	125	Qm-2	0.00021	-0.00118
91	124	Qm-2	0.00062	-0.00118
92	99	DEAD	0.	0.
92	100	DEAD	0.	0.
92	126	DEAD	0.	0.
92	125	DEAD	0.	0.
92	99	G1	-1.448E-11	-5.751E-11
92	100	G1	-1.066E-12	-6.096E-11
92	126	G1	-6.997E-11	-5.751E-11
92	125	G1	3.978E-12	-5.844E-11
92	99	G2	0.00071	0.00014
92	100	G2	0.00069	0.00014
92	126	G2	0.00069	1.599E-05
92	125	G2	0.00071	1.599E-05

Table 27: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13	V23
			KN/mm	KN/mm
92	99	Qm	-0.00274	0.00089
92	100	Qm	-0.00281	0.00089
92	126	Qm	-0.00281	0.00092
92	125	Qm	-0.00274	0.00092
92	99	Qs	-1.853E-12	2.301E-12
92	100	Qs	3.469E-12	8.247E-13
92	126	Qs	6.695E-13	-1.482E-12
92	125	Qs	-1.102E-12	-2.787E-13
92	99	T+	0.	0.
92	100	T+	0.	0.
92	126	T+	0.	0.
92	125	T+	0.	0.
92	99	T-	0.	0.
92	100	T-	0.	0.
92	126	T-	0.	0.
92	125	T-	0.	0.
92	99	W	0.00197	0.00665
92	100	W	0.00287	0.00665
92	126	W	0.00287	0.00319
92	125	W	0.00197	0.00319
92	99	Qm-1	-0.00265	-0.00379
92	100	Qm-1	-0.00239	-0.00379
92	126	Qm-1	-0.00239	-0.00415
92	125	Qm-1	-0.00265	-0.00415
92	99	Qm-2	0.00026	-0.00066
92	100	Qm-2	0.00021	-0.00066
92	126	Qm-2	0.00021	-0.00065
92	125	Qm-2	0.00026	-0.00065
93	100	DEAD	0.	0.
93	101	DEAD	0.	0.
93	127	DEAD	0.	0.
93	126	DEAD	0.	0.
93	100	G1	-1.752E-11	-3.456E-11
93	101	G1	-2.466E-11	-3.505E-11
93	127	G1	-2.761E-11	-2.951E-11
93	126	G1	-4.232E-11	-5.523E-11
93	100	G2	0.00073	9.133E-05
93	101	G2	0.00073	9.133E-05
93	127	G2	0.00073	3.947E-05
93	126	G2	0.00073	3.947E-05
93	100	Qm	-0.00281	0.00036
93	101	Qm	-0.00285	0.00036
93	127	Qm	-0.00285	0.00037
93	126	Qm	-0.00281	0.00037
93	100	Qs	1.765E-12	1.186E-12
93	101	Qs	3.039E-13	3.555E-12
93	127	Qs	-1.267E-13	1.817E-12
93	126	Qs	1.880E-12	2.451E-12
93	100	T+	0.	0.
93	101	T+	0.	0.
93	127	T+	0.	0.
93	126	T+	0.	0.
93	100	T-	0.	0.
93	101	T-	0.	0.

Table 27: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13	V23
			KN/mm	KN/mm
93	127	T-	0.	0.
93	126	T-	0.	0.
93	100	W	0.00396	0.00198
93	101	W	0.00333	0.00198
93	127	W	0.00333	0.0022
93	126	W	0.00396	0.0022
93	100	Qm-1	-0.00229	-0.00277
93	101	Qm-1	-0.00211	-0.00277
93	127	Qm-1	-0.00211	-0.00295
93	126	Qm-1	-0.00229	-0.00295
93	100	Qm-2	0.00021	-0.00043
93	101	Qm-2	0.00019	-0.00043
93	127	Qm-2	0.00019	-0.00041
93	126	Qm-2	0.00021	-0.00041
94	101	DEAD	0.	0.
94	102	DEAD	0.	0.
94	128	DEAD	0.	0.
94	127	DEAD	0.	0.
94	101	G1	-4.133E-11	-3.523E-11
94	102	G1	3.640E-12	-1.506E-11
94	128	G1	2.677E-11	-2.010E-11
94	127	G1	3.640E-12	-4.027E-11
94	101	G2	0.00073	-6.060E-06
94	102	G2	0.00075	-6.060E-06
94	128	G2	0.00075	4.645E-05
94	127	G2	0.00073	4.645E-05
94	101	Qm	-0.00285	-0.00014
94	102	Qm	-0.00286	-0.00014
94	128	Qm	-0.00286	-0.00014
94	127	Qm	-0.00285	-0.00014
94	101	Qs	-1.172E-12	-8.084E-13
94	102	Qs	3.114E-12	1.252E-12
94	128	Qs	3.083E-12	3.447E-12
94	127	Qs	4.348E-13	-7.970E-13
94	101	T+	0.	0.
94	102	T+	0.	0.
94	128	T+	0.	0.
94	127	T+	0.	0.
94	101	T-	0.	0.
94	102	T-	0.	0.
94	128	T-	0.	0.
94	127	T-	0.	0.
94	101	W	0.00334	0.00049
94	102	W	0.00391	0.00049
94	128	W	0.00391	0.00021
94	127	W	0.00334	0.00021
94	101	Qm-1	-0.00206	-0.0017
94	102	Qm-1	-0.00196	-0.0017
94	128	Qm-1	-0.00196	-0.00179
94	127	Qm-1	-0.00206	-0.00179
94	101	Qm-2	0.00018	-0.00024
94	102	Qm-2	0.00019	-0.00024
94	128	Qm-2	0.00019	-0.00023
94	127	Qm-2	0.00018	-0.00023

Table 27: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13	V23
			KN/mm	KN/mm
95	102	DEAD	0.	0.
95	103	DEAD	0.	0.
95	129	DEAD	0.	0.
95	128	DEAD	0.	0.
95	102	G1	-2.809E-11	-3.731E-12
95	103	G1	9.374E-12	3.159E-12
95	129	G1	-5.396E-12	1.392E-11
95	128	G1	2.703E-11	1.577E-11
95	102	G2	0.00071	-3.871E-05
95	103	G2	0.00074	-3.871E-05
95	129	G2	0.00074	8.618E-05
95	128	G2	0.00071	8.618E-05
95	102	Qm	-0.00285	-0.0006
95	103	Qm	-0.00284	-0.0006
95	129	Qm	-0.00284	-0.00061
95	128	Qm	-0.00285	-0.00061
95	102	Qs	5.802E-13	1.571E-12
95	103	Qs	3.464E-12	5.249E-13
95	129	Qs	2.787E-12	-4.785E-13
95	128	Qs	2.360E-12	8.401E-13
95	102	T+	0.	0.
95	103	T+	0.	0.
95	129	T+	0.	0.
95	128	T+	0.	0.
95	102	T-	0.	0.
95	103	T-	0.	0.
95	129	T-	0.	0.
95	128	T-	0.	0.
95	102	W	0.00285	-0.00426
95	103	W	0.00186	-0.00426
95	129	W	0.00186	-0.00087
95	128	W	0.00285	-0.00087
95	102	Qm-1	-0.00194	-0.00059
95	103	Qm-1	-0.00193	-0.00059
95	129	Qm-1	-0.00193	-0.00061
95	128	Qm-1	-0.00194	-0.00061
95	102	Qm-2	0.00018	-5.786E-05
95	103	Qm-2	0.00019	-5.786E-05
95	129	Qm-2	0.00019	-5.446E-05
95	128	Qm-2	0.00018	-5.446E-05
96	103	DEAD	0.	0.
96	104	DEAD	0.	0.
96	130	DEAD	0.	0.
96	129	DEAD	0.	0.
96	103	G1	-1.348E-11	7.319E-12
96	104	G1	-4.811E-12	3.587E-11
96	130	G1	1.930E-11	-2.042E-11
96	129	G1	-1.994E-11	3.839E-11
96	103	G2	0.0007	0.00012
96	104	G2	0.0007	0.00012
96	130	G2	0.0007	0.00018
96	129	G2	0.0007	0.00018
96	103	Qm	-0.00283	-0.00103
96	104	Qm	-0.00279	-0.00103

Table 27: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13	V23
			KN/mm	KN/mm
96	130	Qm	-0.00279	-0.00105
96	129	Qm	-0.00283	-0.00105
96	103	Qs	-6.028E-13	7.768E-13
96	104	Qs	3.173E-12	1.638E-12
96	130	Qs	1.604E-12	1.407E-12
96	129	Qs	3.015E-12	1.638E-12
96	103	T+	0.	0.
96	104	T+	0.	0.
96	130	T+	0.	0.
96	129	T+	0.	0.
96	103	T-	0.	0.
96	104	T-	0.	0.
96	130	T-	0.	0.
96	129	T-	0.	0.
96	103	W	0.00179	-0.00034
96	104	W	-0.00077	-0.00034
96	130	W	-0.00077	-0.00106
96	129	W	0.00179	-0.00106
96	103	Qm-1	-0.00193	0.00056
96	104	Qm-1	-0.00201	0.00056
96	130	Qm-1	-0.00201	0.0006
96	129	Qm-1	-0.00193	0.0006
96	103	Qm-2	0.00019	0.00012
96	104	Qm-2	0.00022	0.00012
96	130	Qm-2	0.00022	0.00012
96	129	Qm-2	0.00019	0.00012
97	104	DEAD	0.	0.
97	105	DEAD	0.	0.
97	131	DEAD	0.	0.
97	130	DEAD	0.	0.
97	104	G1	-5.330E-13	1.209E-10
97	105	G1	-1.819E-11	9.333E-11
97	131	G1	1.989E-12	9.315E-11
97	130	G1	1.964E-11	8.576E-11
97	104	G2	0.00068	0.00033
97	105	G2	0.0007	0.00033
97	131	G2	0.0007	0.00033
97	130	G2	0.00068	0.00033
97	104	Qm	-0.00278	-0.00143
97	105	Qm	-0.00271	-0.00143
97	131	Qm	-0.00271	-0.00146
97	130	Qm	-0.00278	-0.00146
97	104	Qs	7.134E-13	5.941E-12
97	105	Qs	1.706E-12	9.666E-14
97	131	Qs	2.290E-12	2.158E-12
97	130	Qs	3.755E-12	-1.007E-12
97	104	T+	0.	0.
97	105	T+	0.	0.
97	131	T+	0.	0.
97	130	T+	0.	0.
97	104	T-	0.	0.
97	105	T-	0.	0.
97	131	T-	0.	0.
97	130	T-	0.	0.

Table 27: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13	V23
			KN/mm	KN/mm
97	104	W	-0.00044	0.00047
97	105	W	-0.0007	0.00047
97	131	W	-0.0007	0.00012
97	130	W	-0.00044	0.00012
97	104	Qm-1	-0.00203	0.00174
97	105	Qm-1	-0.00219	0.00174
97	131	Qm-1	-0.00219	0.00186
97	130	Qm-1	-0.00203	0.00186
97	104	Qm-2	0.00022	0.00031
97	105	Qm-2	0.00027	0.00031
97	131	Qm-2	0.00027	0.00031
97	130	Qm-2	0.00022	0.00031
98	105	DEAD	0.	0.
98	106	DEAD	0.	0.
98	132	DEAD	0.	0.
98	131	DEAD	0.	0.
98	105	G1	1.141E-11	1.396E-10
98	106	G1	-3.718E-11	1.081E-10
98	132	G1	-1.046E-10	1.094E-10
98	131	G1	-4.727E-11	7.534E-11
98	105	G2	0.00071	0.00054
98	106	G2	0.00077	0.00054
98	132	G2	0.00077	0.00048
98	131	G2	0.00071	0.00048
98	105	Qm	-0.0027	-0.0018
98	106	Qm	-0.00261	-0.0018
98	132	Qm	-0.00261	-0.00186
98	131	Qm	-0.0027	-0.00186
98	105	Qs	3.523E-12	7.404E-12
98	106	Qs	2.231E-12	3.712E-12
98	132	Qs	-1.521E-12	4.882E-12
98	131	Qs	-1.867E-12	2.294E-12
98	105	T+	0.	0.
98	106	T+	0.	0.
98	132	T+	0.	0.
98	131	T+	0.	0.
98	105	T-	0.	0.
98	106	T-	0.	0.
98	132	T-	0.	0.
98	131	T-	0.	0.
98	105	W	-0.0007	0.00067
98	106	W	0.00078	0.00067
98	132	W	0.00078	0.0007
98	131	W	-0.0007	0.0007
98	105	Qm-1	-0.00226	0.00295
98	106	Qm-1	-0.00251	0.00295
98	132	Qm-1	-0.00251	0.00323
98	131	Qm-1	-0.00226	0.00323
98	105	Qm-2	0.00026	0.00055
98	106	Qm-2	0.00035	0.00055
98	132	Qm-2	0.00035	0.00054
98	131	Qm-2	0.00026	0.00054
99	106	DEAD	0.	0.
99	107	DEAD	0.	0.

Table 27: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13	V23
			KN/mm	KN/mm
99	133	DEAD	0.	0.
99	132	DEAD	0.	0.
99	106	G1	-2.257E-11	1.609E-10
99	107	G1	-4.078E-11	9.198E-11
99	133	G1	-2.257E-11	1.231E-10
99	132	G1	-7.861E-11	1.046E-10
99	106	G2	0.00081	0.0007
99	107	G2	0.00084	0.0007
99	133	G2	0.00084	0.00055
99	132	G2	0.00081	0.00055
99	106	Qm	-0.00258	-0.00214
99	107	Qm	-0.00246	-0.00214
99	133	Qm	-0.00246	-0.00225
99	132	Qm	-0.00258	-0.00225
99	106	Qs	4.283E-12	2.900E-12
99	107	Qs	3.185E-13	-1.160E-12
99	133	Qs	3.179E-12	2.742E-12
99	132	Qs	3.185E-13	3.253E-12
99	106	T+	0.	0.
99	107	T+	0.	0.
99	133	T+	0.	0.
99	132	T+	0.	0.
99	106	T-	0.	0.
99	107	T-	0.	0.
99	133	T-	0.	0.
99	132	T-	0.	0.
99	106	W	0.00111	0.00221
99	107	W	0.00139	0.00221
99	133	W	0.00139	-0.00079
99	132	W	0.00111	-0.00079
99	106	Qm-1	-0.00266	0.00428
99	107	Qm-1	-0.0028	0.00428
99	133	Qm-1	-0.0028	0.00487
99	132	Qm-1	-0.00266	0.00487
99	106	Qm-2	0.00029	0.00076
99	107	Qm-2	0.00075	0.00076
99	133	Qm-2	0.00075	0.00108
99	132	Qm-2	0.00029	0.00108
100	107	DEAD	0.	0.
100	108	DEAD	0.	0.
100	134	DEAD	0.	0.
100	133	DEAD	0.	0.
100	107	G1	-5.514E-11	1.854E-10
100	108	G1	-2.949E-11	1.456E-10
100	134	G1	-5.261E-11	2.485E-10
100	133	G1	-1.001E-10	1.355E-10
100	107	G2	0.0009	0.00064
100	108	G2	0.00093	0.00064
100	134	G2	0.00093	0.00051
100	133	G2	0.0009	0.00051
100	107	Qm	-0.00241	-0.00252
100	108	Qm	-0.00231	-0.00252
100	134	Qm	-0.00231	-0.0027
100	133	Qm	-0.00241	-0.0027

Table 27: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13	V23
			KN/mm	KN/mm
100	107	Qs	1.553E-12	3.874E-12
100	108	Qs	3.617E-12	1.844E-12
100	134	Qs	4.494E-13	5.135E-12
100	133	Qs	-7.962E-13	-2.055E-13
100	107	T+	0.	0.
100	108	T+	0.	0.
100	134	T+	0.	0.
100	133	T+	0.	0.
100	107	T-	0.	0.
100	108	T-	0.	0.
100	134	T-	0.	0.
100	133	T-	0.	0.
100	107	W	0.00239	-0.00412
100	108	W	0.001	-0.00412
100	134	W	0.001	-0.00347
100	133	W	0.00239	-0.00347
100	107	Qm-1	-0.00299	0.00653
100	108	Qm-1	-0.00302	0.00653
100	134	Qm-1	-0.00302	0.00681
100	133	Qm-1	-0.00299	0.00681
100	107	Qm-2	0.00098	0.00325
100	108	Qm-2	0.00331	0.00325
100	134	Qm-2	0.00331	0.00096
100	133	Qm-2	0.00098	0.00096
101	108	DEAD	0.	0.
101	109	DEAD	0.	0.
101	135	DEAD	0.	0.
101	134	DEAD	0.	0.
101	108	G1	1.617E-11	-2.613E-12
101	109	G1	-6.035E-11	-3.461E-11
101	135	G1	-9.480E-11	2.009E-11
101	134	G1	2.540E-11	-3.965E-11
101	108	G2	0.00094	0.00033
101	109	G2	0.00102	0.00033
101	135	G2	0.00102	0.00038
101	134	G2	0.00094	0.00038
101	108	Qm	-0.00226	-0.00207
101	109	Qm	-0.00218	-0.00207
101	135	Qm	-0.00218	-0.00221
101	134	Qm	-0.00226	-0.00221
101	108	Qs	4.203E-12	1.700E-12
101	109	Qs	1.539E-12	3.771E-13
101	135	Qs	8.931E-13	4.852E-12
101	134	Qs	4.376E-12	2.899E-12
101	108	T+	0.	0.
101	109	T+	0.	0.
101	135	T+	0.	0.
101	134	T+	0.	0.
101	108	T-	0.	0.
101	109	T-	0.	0.
101	135	T-	0.	0.
101	134	T-	0.	0.
101	108	W	0.0011	0.00051
101	109	W	0.0038	0.00051

Table 27: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13	V23
			KN/mm	KN/mm
101	135	W	0.0038	-0.00741
101	134	W	0.0011	-0.00741
101	108	Qm-1	-0.00301	-0.00285
101	109	Qm-1	-0.00332	-0.00285
101	135	Qm-1	-0.00332	-0.00313
101	134	Qm-1	-0.00301	-0.00313
101	108	Qm-2	0.0033	-0.00286
101	109	Qm-2	0.00106	-0.00286
101	135	Qm-2	0.00106	-0.00052
101	134	Qm-2	0.0033	-0.00052
102	109	DEAD	0.	0.
102	110	DEAD	0.	0.
102	136	DEAD	0.	0.
102	135	DEAD	0.	0.
102	109	G1	-5.584E-11	2.969E-11
102	110	G1	-8.739E-11	3.708E-11
102	136	G1	-1.189E-10	-5.712E-13
102	135	G1	-2.182E-11	2.699E-11
102	109	G2	0.00095	-1.680E-05
102	110	G2	0.00111	-1.680E-05
102	136	G2	0.00111	0.00022
102	135	G2	0.00095	0.00022
102	109	Qm	-0.00216	-0.00076
102	110	Qm	-0.00209	-0.00076
102	136	Qm	-0.00209	-0.00076
102	135	Qm	-0.00216	-0.00076
102	109	Qs	6.882E-13	4.803E-13
102	110	Qs	1.800E-12	1.987E-12
102	136	Qs	-4.152E-13	3.160E-12
102	135	Qs	4.479E-12	3.564E-12
102	109	T+	0.	0.
102	110	T+	0.	0.
102	136	T+	0.	0.
102	135	T+	0.	0.
102	109	T-	0.	0.
102	110	T-	0.	0.
102	136	T-	0.	0.
102	135	T-	0.	0.
102	109	W	-0.00058	-0.00368
102	110	W	0.00165	-0.00368
102	136	W	0.00165	-0.00912
102	135	W	-0.00058	-0.00912
102	109	Qm-1	-0.0031	-0.00045
102	110	Qm-1	-0.00338	-0.00045
102	136	Qm-1	-0.00338	-0.00102
102	135	Qm-1	-0.0031	-0.00102
102	109	Qm-2	0.00081	-0.00022
102	110	Qm-2	0.00045	-0.00022
102	136	Qm-2	0.00045	-0.00055
102	135	Qm-2	0.00081	-0.00055
103	111	DEAD	0.	0.
103	112	DEAD	0.	0.
103	138	DEAD	0.	0.
103	137	DEAD	0.	0.

Table 27: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13	V23
			KN/mm	KN/mm
103	111	G1	-6.129E-11	-9.303E-11
103	112	G1	-1.020E-10	-6.153E-11
103	138	G1	-1.571E-10	-6.277E-11
103	137	G1	-4.652E-11	-2.875E-11
103	111	G2	0.00063	-0.00012
103	112	G2	0.0006	-0.00012
103	138	G2	0.0006	-0.00017
103	137	G2	0.00063	-0.00017
103	111	Qm	-0.00234	4.873E-05
103	112	Qm	-0.00238	4.873E-05
103	138	Qm	-0.00238	0.00011
103	137	Qm	-0.00234	0.00011
103	111	Qs	-1.095E-12	-6.390E-12
103	112	Qs	3.048E-13	-3.376E-12
103	138	Qs	-1.726E-12	-3.711E-12
103	137	Qs	4.245E-12	-2.903E-12
103	111	T+	0.	0.
103	112	T+	0.	0.
103	138	T+	0.	0.
103	137	T+	0.	0.
103	111	T-	0.	0.
103	112	T-	0.	0.
103	138	T-	0.	0.
103	137	T-	0.	0.
103	111	W	0.00262	0.00128
103	112	W	0.00204	0.00128
103	138	W	0.00204	0.00061
103	137	W	0.00262	0.00061
103	111	Qm-1	-0.00304	-9.986E-06
103	112	Qm-1	-0.00306	-9.986E-06
103	138	Qm-1	-0.00306	0.0001
103	137	Qm-1	-0.00304	0.0001
103	111	Qm-2	-0.00018	3.802E-06
103	112	Qm-2	-0.0002	3.802E-06
103	138	Qm-2	-0.0002	1.732E-05
103	137	Qm-2	-0.00018	1.732E-05
104	112	DEAD	0.	0.
104	113	DEAD	0.	0.
104	139	DEAD	0.	0.
104	138	DEAD	0.	0.
104	112	G1	-1.175E-10	-3.421E-12
104	113	G1	-2.269E-11	-3.294E-11
104	139	G1	-6.452E-11	-6.647E-11
104	138	G1	-8.069E-11	2.365E-12
104	112	G2	0.00061	-0.00024
104	113	G2	0.00059	-0.00024
104	139	G2	0.00059	-0.00023
104	138	G2	0.00061	-0.00023
104	112	Qm	-0.00242	0.00046
104	113	Qm	-0.00252	0.00046
104	139	Qm	-0.00252	0.00064
104	138	Qm	-0.00242	0.00064
104	112	Qs	-6.335E-14	-1.484E-12
104	113	Qs	2.421E-12	-1.606E-12

Table 27: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13	V23
			KN/mm	KN/mm
104	139	Qs	8.824E-13	-2.429E-12
104	138	Qs	1.948E-12	2.334E-12
104	112	T+	0.	0.
104	113	T+	0.	0.
104	139	T+	0.	0.
104	138	T+	0.	0.
104	112	T-	0.	0.
104	113	T-	0.	0.
104	139	T-	0.	0.
104	138	T-	0.	0.
104	112	W	0.0022	0.00011
104	113	W	0.0018	0.00011
104	139	W	0.0018	0.00035
104	138	W	0.0022	0.00035
104	112	Qm-1	-0.00314	0.0004
104	113	Qm-1	-0.00326	0.0004
104	139	Qm-1	-0.00326	0.0007
104	138	Qm-1	-0.00314	0.0007
104	112	Qm-2	-0.0002	0.00016
104	113	Qm-2	-0.00028	0.00016
104	139	Qm-2	-0.00028	0.00018
104	138	Qm-2	-0.0002	0.00018
105	113	DEAD	0.	0.
105	114	DEAD	0.	0.
105	140	DEAD	0.	0.
105	139	DEAD	0.	0.
105	113	G1	-6.742E-11	6.890E-12
105	114	G1	-9.928E-11	-4.184E-11
105	140	G1	-8.255E-11	1.846E-12
105	139	G1	-4.632E-11	-3.679E-11
105	113	G2	0.00058	-0.00033
105	114	G2	0.00058	-0.00033
105	140	G2	0.00058	-0.00028
105	139	G2	0.00058	-0.00028
105	113	Qm	-0.00262	0.00081
105	114	Qm	-0.00278	0.00081
105	140	Qm	-0.00278	0.00116
105	139	Qm	-0.00262	0.00116
105	113	Qs	3.697E-13	2.445E-13
105	114	Qs	8.044E-13	-1.078E-12
105	140	Qs	-7.337E-13	-3.066E-12
105	139	Qs	2.381E-12	-5.019E-12
105	113	T+	0.	0.
105	114	T+	0.	0.
105	140	T+	0.	0.
105	139	T+	0.	0.
105	113	T-	0.	0.
105	114	T-	0.	0.
105	140	T-	0.	0.
105	139	T-	0.	0.
105	113	W	0.00171	-0.00025
105	114	W	0.00139	-0.00025
105	140	W	0.00139	0.00024
105	139	W	0.00171	0.00024

Table 27: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13	V23
			KN/mm	KN/mm
105	113	Qm-1	-0.00343	0.00065
105	114	Qm-1	-0.00348	0.00065
105	140	Qm-1	-0.00348	0.00123
105	139	Qm-1	-0.00343	0.00123
105	113	Qm-2	-0.00031	0.00025
105	114	Qm-2	-0.00047	0.00025
105	140	Qm-2	-0.00047	0.00045
105	139	Qm-2	-0.00031	0.00045
106	114	DEAD	0.	0.
106	115	DEAD	0.	0.
106	141	DEAD	0.	0.
106	140	DEAD	0.	0.
106	114	G1	-1.146E-10	-1.632E-11
106	115	G1	-6.850E-11	-3.994E-11
106	141	G1	-6.161E-11	-3.901E-11
106	140	G1	-1.164E-10	-1.976E-11
106	114	G2	0.00056	-0.00034
106	115	G2	0.00055	-0.00034
106	141	G2	0.00055	-0.0003
106	140	G2	0.00056	-0.0003
106	114	Qm	-0.00294	0.001
106	115	Qm	-0.00308	0.001
106	141	Qm	-0.00308	0.0015
106	140	Qm	-0.00294	0.0015
106	114	Qs	1.933E-13	-4.201E-12
106	115	Qs	5.395E-13	-5.246E-12
106	141	Qs	-2.013E-12	-2.625E-12
106	140	Qs	-7.215E-13	-1.306E-12
106	114	T+	0.	0.
106	115	T+	0.	0.
106	141	T+	0.	0.
106	140	T+	0.	0.
106	114	T-	0.	0.
106	115	T-	0.	0.
106	141	T-	0.	0.
106	140	T-	0.	0.
106	114	W	0.00125	0.00024
106	115	W	0.00082	0.00024
106	141	W	0.00082	0.00045
106	140	W	0.00125	0.00045
106	114	Qm-1	-0.00369	0.0007
106	115	Qm-1	-0.00367	0.0007
106	141	Qm-1	-0.00367	0.00106
106	140	Qm-1	-0.00369	0.00106
106	114	Qm-2	-0.00056	0.00016
106	115	Qm-2	-0.0004	0.00016
106	141	Qm-2	-0.0004	0.0004
106	140	Qm-2	-0.00056	0.0004
107	115	DEAD	0.	0.
107	116	DEAD	0.	0.
107	142	DEAD	0.	0.
107	141	DEAD	0.	0.
107	115	G1	-1.011E-10	-5.877E-12
107	116	G1	-1.039E-10	-3.049E-11

Table 27: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13	V23
			KN/mm	KN/mm
107	142	G1	-1.566E-10	-1.596E-11
107	141	G1	-3.584E-11	-4.814E-11
107	115	G2	0.00054	-0.0003
107	116	G2	0.00054	-0.0003
107	142	G2	0.00054	-0.00029
107	141	G2	0.00054	-0.00029
107	115	Qm	-0.00326	0.00097
107	116	Qm	-0.00336	0.00097
107	142	Qm	-0.00336	0.00141
107	141	Qm	-0.00326	0.00141
107	115	Qs	-2.829E-12	5.232E-13
107	116	Qs	-1.145E-13	-1.446E-12
107	142	Qs	8.050E-15	-3.890E-12
107	141	Qs	1.935E-12	-6.017E-12
107	115	T+	0.	0.
107	116	T+	0.	0.
107	142	T+	0.	0.
107	141	T+	0.	0.
107	115	T-	0.	0.
107	116	T-	0.	0.
107	142	T-	0.	0.
107	141	T-	0.	0.
107	115	W	0.00079	0.00097
107	116	W	0.00073	0.00097
107	142	W	0.00073	0.00106
107	141	W	0.00079	0.00106
107	115	Qm-1	-0.00373	0.00067
107	116	Qm-1	-0.00395	0.00067
107	142	Qm-1	-0.00395	0.00064
107	141	Qm-1	-0.00373	0.00064
107	115	Qm-2	-0.0004	0.00014
107	116	Qm-2	-0.00059	0.00014
107	142	Qm-2	-0.00059	-7.217E-05
107	141	Qm-2	-0.0004	-7.217E-05
108	116	DEAD	0.	0.
108	117	DEAD	0.	0.
108	143	DEAD	0.	0.
108	142	DEAD	0.	0.
108	116	G1	-1.178E-10	-8.059E-11
108	117	G1	-6.178E-11	-2.596E-11
108	143	G1	-5.982E-11	-2.407E-12
108	142	G1	-4.160E-11	-1.335E-11
108	116	G2	0.00054	-0.00024
108	117	G2	0.00054	-0.00024
108	143	G2	0.00054	-0.00026
108	142	G2	0.00054	-0.00026
108	116	Qm	-0.00348	0.00074
108	117	Qm	-0.00355	0.00074
108	143	Qm	-0.00355	0.00091
108	142	Qm	-0.00348	0.00091
108	116	Qs	-1.020E-12	-7.673E-12
108	117	Qs	4.731E-12	-2.290E-12
108	143	Qs	4.024E-12	-2.156E-12
108	142	Qs	2.367E-12	-7.134E-13

Table 27: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13	V23
			KN/mm	KN/mm
108	116	T+	0.	0.
108	117	T+	0.	0.
108	143	T+	0.	0.
108	142	T+	0.	0.
108	116	T-	0.	0.
108	117	T-	0.	0.
108	143	T-	0.	0.
108	142	T-	0.	0.
108	116	W	0.00067	0.00169
108	117	W	0.0012	0.00169
108	143	W	0.0012	0.00179
108	142	W	0.00067	0.00179
108	116	Qm-1	-0.00387	0.00064
108	117	Qm-1	-0.00402	0.00064
108	143	Qm-1	-0.00402	0.00046
108	142	Qm-1	-0.00387	0.00046
108	116	Qm-2	-0.0005	6.476E-05
108	117	Qm-2	-0.0004	6.476E-05
108	143	Qm-2	-0.0004	-0.0001
108	142	Qm-2	-0.0005	-0.0001
109	117	DEAD	0.	0.
109	118	DEAD	0.	0.
109	144	DEAD	0.	0.
109	143	DEAD	0.	0.
109	117	G1	-8.324E-11	-5.915E-12
109	118	G1	-9.536E-11	5.166E-11
109	144	G1	-9.585E-11	1.174E-11
109	143	G1	-5.753E-11	-2.400E-11
109	117	G2	0.00055	-0.00018
109	118	G2	0.00055	-0.00018
109	144	G2	0.00055	-0.00024
109	143	G2	0.00055	-0.00024
109	117	Qm	-0.00355	0.00044
109	118	Qm	-0.00353	0.00044
109	144	Qm	-0.00353	0.00028
109	143	Qm	-0.00355	0.00028
109	117	Qs	4.949E-12	-2.483E-12
109	118	Qs	1.633E-14	1.116E-12
109	144	Qs	6.932E-13	1.300E-12
109	143	Qs	3.169E-12	-9.335E-13
109	117	T+	0.	0.
109	118	T+	0.	0.
109	144	T+	0.	0.
109	143	T+	0.	0.
109	117	T-	0.	0.
109	118	T-	0.	0.
109	144	T-	0.	0.
109	143	T-	0.	0.
109	117	W	0.00118	0.00273
109	118	W	0.0019	0.00273
109	144	W	0.0019	0.00235
109	143	W	0.00118	0.00235
109	117	Qm-1	-0.00403	0.00064
109	118	Qm-1	-0.00395	0.00064

Table 27: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13	V23
			KN/mm	KN/mm
109	144	Qm-1	-0.00395	0.00091
109	143	Qm-1	-0.00403	0.00091
109	117	Qm-2	-0.0004	0.00013
109	118	Qm-2	-0.00043	0.00013
109	144	Qm-2	-0.00043	0.00029
109	143	Qm-2	-0.0004	0.00029
110	118	DEAD	0.	0.
110	119	DEAD	0.	0.
110	145	DEAD	0.	0.
110	144	DEAD	0.	0.
110	118	G1	-5.584E-11	2.693E-12
110	119	G1	-8.198E-11	3.566E-11
110	145	G1	-1.189E-10	6.574E-11
110	144	G1	-9.711E-11	-2.170E-12
110	118	G2	0.00057	-0.00017
110	119	G2	0.00056	-0.00017
110	145	G2	0.00056	-0.00023
110	144	G2	0.00057	-0.00023
110	118	Qm	-0.00341	0.00027
110	119	Qm	-0.00335	0.00027
110	145	Qm	-0.00335	-0.00016
110	144	Qm	-0.00341	-0.00016
110	118	Qs	1.637E-12	1.277E-12
110	119	Qs	-1.430E-13	4.476E-12
110	145	Qs	-7.272E-13	1.908E-12
110	144	Qs	-1.404E-12	1.166E-12
110	118	T+	0.	0.
110	119	T+	0.	0.
110	145	T+	0.	0.
110	144	T+	0.	0.
110	118	T-	0.	0.
110	119	T-	0.	0.
110	145	T-	0.	0.
110	144	T-	0.	0.
110	118	W	0.00221	0.00326
110	119	W	0.00227	0.00326
110	145	W	0.00227	0.00229
110	144	W	0.00221	0.00229
110	118	Qm-1	-0.00406	0.00067
110	119	Qm-1	-0.0039	0.00067
110	145	Qm-1	-0.0039	0.00082
110	144	Qm-1	-0.00406	0.00082
110	118	Qm-2	-0.00052	6.190E-05
110	119	Qm-2	-0.00025	6.190E-05
110	145	Qm-2	-0.00025	0.00027
110	144	Qm-2	-0.00052	0.00027
111	119	DEAD	0.	0.
111	120	DEAD	0.	0.
111	146	DEAD	0.	0.
111	145	DEAD	0.	0.
111	119	G1	-1.003E-10	-3.883E-11
111	120	G1	-8.678E-11	-6.885E-11
111	146	G1	-7.005E-11	-5.144E-11
111	145	G1	-7.921E-11	-8.322E-12

Table 27: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13	V23
			KN/mm	KN/mm
111	119	G2	0.00058	-0.00021
111	120	G2	0.00058	-0.00021
111	146	G2	0.00058	-0.00024
111	145	G2	0.00058	-0.00024
111	119	Qm	-0.00317	0.00035
111	120	Qm	-0.00307	0.00035
111	146	Qm	-0.00307	-0.00011
111	145	Qm	-0.00317	-0.00011
111	119	Qs	-1.425E-12	-3.085E-12
111	120	Qs	2.797E-12	-5.207E-12
111	146	Qs	1.511E-13	-3.558E-12
111	145	Qs	2.481E-12	-2.528E-12
111	119	T+	0.	0.
111	120	T+	0.	0.
111	146	T+	0.	0.
111	145	T+	0.	0.
111	119	T-	0.	0.
111	120	T-	0.	0.
111	146	T-	0.	0.
111	145	T-	0.	0.
111	119	W	0.00251	0.00248
111	120	W	0.00274	0.00248
111	146	W	0.00274	0.00184
111	145	W	0.00251	0.00184
111	119	Qm-1	-0.00389	0.00076
111	120	Qm-1	-0.00393	0.00076
111	146	Qm-1	-0.00393	0.00057
111	145	Qm-1	-0.00389	0.00057
111	119	Qm-2	-0.00025	6.353E-05
111	120	Qm-2	-0.00028	6.353E-05
111	146	Qm-2	-0.00028	-0.00018
111	145	Qm-2	-0.00025	-0.00018
112	120	DEAD	0.	0.
112	121	DEAD	0.	0.
112	147	DEAD	0.	0.
112	146	DEAD	0.	0.
112	120	G1	-9.744E-11	-1.262E-11
112	121	G1	-7.733E-11	-1.607E-11
112	147	G1	-3.943E-11	-2.523E-11
112	146	G1	-1.076E-10	-2.616E-11
112	120	G2	0.00058	-0.00027
112	121	G2	0.0006	-0.00027
112	147	G2	0.0006	-0.00025
112	146	G2	0.00058	-0.00025
112	120	Qm	-0.00293	0.00073
112	121	Qm	-0.00279	0.00073
112	147	Qm	-0.00279	0.00043
112	146	Qm	-0.00293	0.00043
112	120	Qs	1.790E-12	-3.133E-12
112	121	Qs	2.097E-13	-3.348E-12
112	147	Qs	2.578E-12	-1.872E-12
112	146	Qs	1.155E-12	-1.930E-12
112	120	T+	0.	0.
112	121	T+	0.	0.

Table 27: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13	V23
			KN/mm	KN/mm
112	147	T+	0.	0.
112	146	T+	0.	0.
112	120	T-	0.	0.
112	121	T-	0.	0.
112	147	T-	0.	0.
112	146	T-	0.	0.
112	120	W	0.00272	0.00043
112	121	W	0.00258	0.00043
112	147	W	0.00258	0.00116
112	146	W	0.00272	0.00116
112	120	Qm-1	-0.00381	0.00106
112	121	Qm-1	-0.00371	0.00106
112	147	Qm-1	-0.00371	0.00074
112	146	Qm-1	-0.00381	0.00074
112	120	Qm-2	-0.0002	2.726E-05
112	121	Qm-2	0.0002	2.726E-05
112	147	Qm-2	0.0002	-0.00018
112	146	Qm-2	-0.0002	-0.00018
113	121	DEAD	0.	0.
113	122	DEAD	0.	0.
113	148	DEAD	0.	0.
113	147	DEAD	0.	0.
113	121	G1	-6.247E-11	-1.557E-11
113	122	G1	-7.742E-11	3.660E-11
113	148	G1	-7.003E-11	-4.424E-13
113	147	G1	-9.003E-11	3.912E-11
113	121	G2	0.00058	-0.00029
113	122	G2	0.0006	-0.00029
113	148	G2	0.0006	-0.00024
113	147	G2	0.00058	-0.00024
113	121	Qm	-0.00272	0.00137
113	122	Qm	-0.00261	0.00137
113	148	Qm	-0.00261	0.00127
113	147	Qm	-0.00272	0.00127
113	121	Qs	8.621E-13	-1.993E-12
113	122	Qs	2.275E-13	3.236E-12
113	148	Qs	2.596E-12	-2.466E-12
113	147	Qs	2.275E-13	2.133E-12
113	121	T+	0.	0.
113	122	T+	0.	0.
113	148	T+	0.	0.
113	147	T+	0.	0.
113	121	T-	0.	0.
113	122	T-	0.	0.
113	148	T-	0.	0.
113	147	T-	0.	0.
113	121	W	0.00228	-0.00035
113	122	W	0.00238	-0.00035
113	148	W	0.00238	0.00074
113	147	W	0.00228	0.00074
113	121	Qm-1	-0.00366	0.00184
113	122	Qm-1	-0.00336	0.00184
113	148	Qm-1	-0.00336	0.0018
113	147	Qm-1	-0.00366	0.0018

Table 27: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13	V23
			KN/mm	KN/mm
113	121	Qm-2	0.00026	0.0004
113	122	Qm-2	0.00072	0.0004
113	148	Qm-2	0.00072	3.506E-05
113	147	Qm-2	0.00026	3.506E-05
114	122	DEAD	0.	0.
114	123	DEAD	0.	0.
114	149	DEAD	0.	0.
114	148	DEAD	0.	0.
114	122	G1	-9.277E-11	6.208E-11
114	123	G1	-3.963E-11	8.964E-11
114	149	G1	-1.207E-11	6.460E-11
114	148	G1	-1.002E-10	7.198E-11
114	122	G2	0.00058	-0.00025
114	123	G2	0.0006	-0.00025
114	149	G2	0.0006	-0.00021
114	148	G2	0.00058	-0.00021
114	122	Qm	-0.0026	0.00224
114	123	Qm	-0.00253	0.00224
114	149	Qm	-0.00253	0.00225
114	148	Qm	-0.0026	0.00225
114	122	Qs	-4.048E-14	-4.274E-13
114	123	Qs	3.596E-12	1.510E-12
114	149	Qs	5.319E-12	5.184E-13
114	148	Qs	-5.020E-13	1.038E-12
114	122	T+	0.	0.
114	123	T+	0.	0.
114	149	T+	0.	0.
114	148	T+	0.	0.
114	122	T-	0.	0.
114	123	T-	0.	0.
114	149	T-	0.	0.
114	148	T-	0.	0.
114	122	W	0.00198	0.00021
114	123	W	0.00158	0.00021
114	149	W	0.00158	0.00077
114	148	W	0.00198	0.00077
114	122	Qm-1	-0.00336	0.00321
114	123	Qm-1	-0.00313	0.00321
114	149	Qm-1	-0.00313	0.00312
114	148	Qm-1	-0.00336	0.00312
114	122	Qm-2	0.0009	0.00022
114	123	Qm-2	0.00063	0.00022
114	149	Qm-2	0.00063	-0.00024
114	148	Qm-2	0.0009	-0.00024
115	123	DEAD	0.	0.
115	124	DEAD	0.	0.
115	150	DEAD	0.	0.
115	149	DEAD	0.	0.
115	123	G1	-4.874E-11	-1.227E-10
115	124	G1	-3.859E-11	-8.778E-11
115	150	G1	-7.648E-11	-2.034E-10
115	149	G1	-3.859E-11	-1.685E-10
115	123	G2	0.00059	-0.00015
115	124	G2	0.0006	-0.00015

Table 27: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13	V23
			KN/mm	KN/mm
115	150	G2	0.0006	-0.00015
115	149	G2	0.00059	-0.00015
115	123	Qm	-0.00255	0.00231
115	124	Qm	-0.00251	0.00231
115	150	Qm	-0.00251	0.00238
115	149	Qm	-0.00255	0.00238
115	123	Qs	2.077E-12	6.662E-13
115	124	Qs	2.585E-12	3.312E-12
115	150	Qs	-1.076E-12	-2.486E-12
115	149	Qs	3.058E-12	1.420E-12
115	123	T+	0.	0.
115	124	T+	0.	0.
115	150	T+	0.	0.
115	149	T+	0.	0.
115	123	T-	0.	0.
115	124	T-	0.	0.
115	150	T-	0.	0.
115	149	T-	0.	0.
115	123	W	0.0015	0.00145
115	124	W	0.00148	0.00145
115	150	W	0.00148	0.00144
115	149	W	0.0015	0.00144
115	123	Qm-1	-0.00307	-0.00713
115	124	Qm-1	-0.00292	-0.00713
115	150	Qm-1	-0.00292	-0.00741
115	149	Qm-1	-0.00307	-0.00741
115	123	Qm-2	0.00063	-0.00083
115	124	Qm-2	0.00101	-0.00083
115	150	Qm-2	0.00101	-0.00039
115	149	Qm-2	0.00063	-0.00039
116	124	DEAD	0.	0.
116	125	DEAD	0.	0.
116	151	DEAD	0.	0.
116	150	DEAD	0.	0.
116	124	G1	-4.581E-11	-9.242E-11
116	125	G1	5.615E-12	-8.258E-11
116	151	G1	-3.573E-11	-1.202E-10
116	150	G1	-3.474E-11	-1.431E-10
116	124	G2	0.00061	-4.075E-05
116	125	G2	0.0006	-4.075E-05
116	151	G2	0.0006	-8.199E-05
116	150	G2	0.00061	-8.199E-05
116	124	Qm	-0.00254	0.00156
116	125	Qm	-0.00252	0.00156
116	151	Qm	-0.00252	0.00162
116	150	Qm	-0.00254	0.00162
116	124	Qs	-9.285E-13	2.862E-12
116	125	Qs	9.094E-12	3.939E-12
116	151	Qs	6.480E-12	-1.324E-13
116	150	Qs	1.371E-12	1.561E-13
116	124	T+	0.	0.
116	125	T+	0.	0.
116	151	T+	0.	0.
116	150	T+	0.	0.

Table 27: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13	V23
			KN/mm	KN/mm
116	124	T-	0.	0.
116	125	T-	0.	0.
116	151	T-	0.	0.
116	150	T-	0.	0.
116	124	W	0.00156	0.00267
116	125	W	0.00191	0.00267
116	151	W	0.00191	0.00209
116	150	W	0.00156	0.00209
116	124	Qm-1	-0.00279	-0.00554
116	125	Qm-1	-0.0027	-0.00554
116	151	Qm-1	-0.0027	-0.00594
116	150	Qm-1	-0.00279	-0.00594
116	124	Qm-2	0.00083	-0.00102
116	125	Qm-2	0.00053	-0.00102
116	151	Qm-2	0.00053	-0.00068
116	150	Qm-2	0.00083	-0.00068
117	125	DEAD	0.	0.
117	126	DEAD	0.	0.
117	152	DEAD	0.	0.
117	151	DEAD	0.	0.
117	125	G1	-4.590E-11	-5.078E-11
117	126	G1	4.090E-11	-9.440E-12
117	152	G1	-1.816E-11	-8.609E-11
117	151	G1	-4.497E-12	-7.501E-11
117	125	G2	0.00062	2.798E-05
117	126	G2	0.00061	2.798E-05
117	152	G2	0.00061	-2.605E-05
117	151	G2	0.00062	-2.605E-05
117	125	Qm	-0.00254	0.00093
117	126	Qm	-0.00254	0.00093
117	152	Qm	-0.00254	0.00097
117	151	Qm	-0.00254	0.00097
117	125	Qs	6.594E-12	9.710E-13
117	126	Qs	6.398E-12	1.586E-12
117	152	Qs	3.599E-12	1.759E-12
117	151	Qs	7.344E-12	3.250E-13
117	125	T+	0.	0.
117	126	T+	0.	0.
117	152	T+	0.	0.
117	151	T+	0.	0.
117	125	T-	0.	0.
117	126	T-	0.	0.
117	152	T-	0.	0.
117	151	T-	0.	0.
117	125	W	0.00232	0.00318
117	126	W	0.00217	0.00318
117	152	W	0.00217	0.00207
117	151	W	0.00232	0.00207
117	125	Qm-1	-0.00255	-0.0042
117	126	Qm-1	-0.00242	-0.0042
117	152	Qm-1	-0.00242	-0.00452
117	151	Qm-1	-0.00255	-0.00452
117	125	Qm-2	0.00049	-0.0006
117	126	Qm-2	0.00033	-0.0006

Table 27: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13	V23
			KN/mm	KN/mm
117	152	Qm-2	0.00033	-0.00059
117	151	Qm-2	0.00049	-0.00059
118	126	DEAD	0.	0.
118	127	DEAD	0.	0.
118	153	DEAD	0.	0.
118	152	DEAD	0.	0.
118	126	G1	-1.859E-11	-7.341E-11
118	127	G1	-5.915E-12	-5.274E-11
118	153	G1	-2.363E-11	-1.541E-11
118	152	G1	1.174E-11	-9.869E-12
118	126	G2	0.00063	4.417E-05
118	127	G2	0.00063	4.417E-05
118	153	G2	0.00063	1.787E-05
118	152	G2	0.00063	1.787E-05
118	126	Qm	-0.00255	0.00037
118	127	Qm	-0.00255	0.00037
118	153	Qm	-0.00255	0.00039
118	152	Qm	-0.00255	0.00039
118	126	Qs	4.265E-12	8.532E-13
118	127	Qs	1.308E-12	2.360E-12
118	153	Qs	4.107E-12	3.060E-12
118	152	Qs	3.515E-12	3.464E-12
118	126	T+	0.	0.
118	127	T+	0.	0.
118	153	T+	0.	0.
118	152	T+	0.	0.
118	126	T-	0.	0.
118	127	T-	0.	0.
118	153	T-	0.	0.
118	152	T-	0.	0.
118	126	W	0.00248	0.00232
118	127	W	0.00256	0.00232
118	153	W	0.00256	0.00158
118	152	W	0.00248	0.00158
118	126	Qm-1	-0.00233	-0.003
118	127	Qm-1	-0.00219	-0.003
118	153	Qm-1	-0.00219	-0.0032
118	152	Qm-1	-0.00233	-0.0032
118	126	Qm-2	0.00033	-0.0004
118	127	Qm-2	0.00027	-0.0004
118	153	Qm-2	0.00027	-0.00039
118	152	Qm-2	0.00033	-0.00039
119	127	DEAD	0.	0.
119	128	DEAD	0.	0.
119	154	DEAD	0.	0.
119	153	DEAD	0.	0.
119	127	G1	1.518E-11	1.732E-11
119	128	G1	-1.547E-12	-2.157E-11
119	154	G1	-4.992E-12	-1.295E-11
119	153	G1	1.611E-11	-7.453E-11
119	127	G2	0.00063	3.631E-05
119	128	G2	0.00064	3.631E-05
119	154	G2	0.00064	6.085E-05
119	153	G2	0.00063	6.085E-05

Table 27: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13	V23
			KN/mm	KN/mm
119	127	Qm	-0.00255	-0.00014
119	128	Qm	-0.00253	-0.00014
119	154	Qm	-0.00253	-0.00014
119	153	Qm	-0.00255	-0.00014
119	127	Qs	2.315E-12	2.139E-12
119	128	Qs	3.880E-12	1.431E-12
119	154	Qs	3.418E-12	2.139E-12
119	153	Qs	4.037E-12	-1.249E-12
119	127	T+	0.	0.
119	128	T+	0.	0.
119	154	T+	0.	0.
119	153	T+	0.	0.
119	127	T-	0.	0.
119	128	T-	0.	0.
119	154	T-	0.	0.
119	153	T-	0.	0.
119	127	W	0.00259	0.00015
119	128	W	0.00231	0.00015
119	154	W	0.00231	0.00078
119	153	W	0.00259	0.00078
119	127	Qm-1	-0.00214	-0.00182
119	128	Qm-1	-0.00206	-0.00182
119	154	Qm-1	-0.00206	-0.00192
119	153	Qm-1	-0.00214	-0.00192
119	127	Qm-2	0.00027	-0.00023
119	128	Qm-2	0.00026	-0.00023
119	154	Qm-2	0.00026	-0.00022
119	153	Qm-2	0.00027	-0.00022
120	128	DEAD	0.	0.
120	129	DEAD	0.	0.
120	155	DEAD	0.	0.
120	154	DEAD	0.	0.
120	128	G1	-1.951E-13	1.529E-11
120	129	G1	7.280E-13	-1.671E-11
120	155	G1	-2.717E-12	1.529E-11
120	154	G1	7.280E-13	-4.445E-11
120	128	G2	0.00062	6.864E-05
120	129	G2	0.00065	6.864E-05
120	155	G2	0.00065	0.00012
120	154	G2	0.00062	0.00012
120	128	Qm	-0.00254	-0.00062
120	129	Qm	-0.00251	-0.00062
120	155	Qm	-0.00251	-0.00063
120	154	Qm	-0.00254	-0.00063
120	128	Qs	3.476E-12	1.320E-12
120	129	Qs	3.330E-12	-2.186E-13
120	155	Qs	2.530E-12	1.320E-12
120	154	Qs	4.925E-13	-6.915E-13
120	128	T+	0.	0.
120	129	T+	0.	0.
120	155	T+	0.	0.
120	154	T+	0.	0.
120	128	T-	0.	0.
120	129	T-	0.	0.

Table 27: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13	V23
			KN/mm	KN/mm
120	155	T-	0.	0.
120	154	T-	0.	0.
120	128	W	0.00207	-0.00078
120	129	W	0.00197	-0.00078
120	155	W	0.00197	0.0002
120	154	W	0.00207	0.0002
120	128	Qm-1	-0.00204	-0.00062
120	129	Qm-1	-0.002	-0.00062
120	155	Qm-1	-0.002	-0.00064
120	154	Qm-1	-0.00204	-0.00064
120	128	Qm-2	0.00025	-6.160E-05
120	129	Qm-2	0.00027	-6.160E-05
120	155	Qm-2	0.00027	-5.589E-05
120	154	Qm-2	0.00025	-5.589E-05
121	129	DEAD	0.	0.
121	130	DEAD	0.	0.
121	156	DEAD	0.	0.
121	155	DEAD	0.	0.
121	129	G1	-2.354E-11	5.528E-11
121	130	G1	1.257E-11	1.689E-11
121	156	G1	-3.615E-11	4.519E-11
121	155	G1	1.509E-11	9.322E-12
121	129	G2	0.00063	0.00017
121	130	G2	0.00064	0.00017
121	156	G2	0.00064	0.00021
121	155	G2	0.00063	0.00021
121	129	Qm	-0.0025	-0.00107
121	130	Qm	-0.00246	-0.00107
121	156	Qm	-0.00246	-0.00108
121	155	Qm	-0.0025	-0.00108
121	129	Qs	2.524E-12	4.449E-12
121	130	Qs	4.362E-12	2.050E-12
121	156	Qs	2.208E-12	2.558E-12
121	155	Qs	3.101E-12	3.161E-13
121	129	T+	0.	0.
121	130	T+	0.	0.
121	156	T+	0.	0.
121	155	T+	0.	0.
121	129	T-	0.	0.
121	130	T-	0.	0.
121	156	T-	0.	0.
121	155	T-	0.	0.
121	129	W	0.00164	-0.00046
121	130	W	0.00093	-0.00046
121	156	W	0.00093	-1.038E-05
121	155	W	0.00164	-1.038E-05
121	129	Qm-1	-0.00201	0.00062
121	130	Qm-1	-0.00203	0.00062
121	156	Qm-1	-0.00203	0.00066
121	155	Qm-1	-0.00201	0.00066
121	129	Qm-2	0.00027	0.0001
121	130	Qm-2	0.00032	0.0001
121	156	Qm-2	0.00032	0.0001
121	155	Qm-2	0.00027	0.0001

Table 27: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13	V23
			KN/mm	KN/mm
122	130	DEAD	0.	0.
122	131	DEAD	0.	0.
122	157	DEAD	0.	0.
122	156	DEAD	0.	0.
122	130	G1	4.861E-11	1.400E-10
122	131	G1	-1.063E-11	1.120E-10
122	157	G1	-1.949E-11	1.526E-10
122	156	G1	-2.577E-11	1.195E-10
122	130	G2	0.00063	0.00032
122	131	G2	0.00063	0.00032
122	157	G2	0.00063	0.00032
122	156	G2	0.00063	0.00032
122	130	Qm	-0.00245	-0.00149
122	131	Qm	-0.00239	-0.00149
122	157	Qm	-0.00239	-0.00152
122	156	Qm	-0.00245	-0.00152
122	130	Qs	5.819E-12	3.601E-12
122	131	Qs	3.659E-12	3.405E-13
122	157	Qs	4.600E-13	4.862E-12
122	156	Qs	5.077E-12	2.390E-12
122	130	T+	0.	0.
122	131	T+	0.	0.
122	157	T+	0.	0.
122	156	T+	0.	0.
122	130	T-	0.	0.
122	131	T-	0.	0.
122	157	T-	0.	0.
122	156	T-	0.	0.
122	130	W	0.00091	0.00029
122	131	W	0.00046	0.00029
122	157	W	0.00046	0.00028
122	156	W	0.00091	0.00028
122	130	Qm-1	-0.00207	0.0019
122	131	Qm-1	-0.00213	0.0019
122	157	Qm-1	-0.00213	0.00203
122	156	Qm-1	-0.00207	0.00203
122	130	Qm-2	0.00031	0.00027
122	131	Qm-2	0.00041	0.00027
122	157	Qm-2	0.00041	0.00028
122	156	Qm-2	0.00031	0.00028
123	131	DEAD	0.	0.
123	132	DEAD	0.	0.
123	158	DEAD	0.	0.
123	157	DEAD	0.	0.
123	131	G1	1.226E-11	9.647E-11
123	132	G1	-6.592E-11	1.132E-10
123	158	G1	-4.575E-11	1.671E-10
123	157	G1	3.243E-11	1.460E-10
123	131	G2	0.00065	0.00047
123	132	G2	0.00064	0.00047
123	158	G2	0.00064	0.00043
123	157	G2	0.00065	0.00043
123	131	Qm	-0.00238	-0.00188
123	132	Qm	-0.00231	-0.00188

Table 27: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13	V23
			KN/mm	KN/mm
123	158	Qm	-0.00231	-0.00195
123	157	Qm	-0.00238	-0.00195
123	131	Qs	3.481E-12	1.876E-12
123	132	Qs	-1.732E-12	4.675E-12
123	158	Qs	-9.327E-13	6.132E-12
123	157	Qs	6.464E-12	6.882E-12
123	131	T+	0.	0.
123	132	T+	0.	0.
123	158	T+	0.	0.
123	157	T+	0.	0.
123	131	T-	0.	0.
123	132	T-	0.	0.
123	158	T-	0.	0.
123	157	T-	0.	0.
123	131	W	0.00048	0.00043
123	132	W	0.00058	0.00043
123	158	W	0.00058	0.00036
123	157	W	0.00048	0.00036
123	131	Qm-1	-0.00221	0.00327
123	132	Qm-1	-0.00227	0.00327
123	158	Qm-1	-0.00227	0.00352
123	157	Qm-1	-0.00221	0.00352
123	131	Qm-2	0.0004	0.00047
123	132	Qm-2	0.00062	0.00047
123	158	Qm-2	0.00062	0.00047
123	157	Qm-2	0.0004	0.00047
124	132	DEAD	0.	0.
124	133	DEAD	0.	0.
124	159	DEAD	0.	0.
124	158	DEAD	0.	0.
124	132	G1	-9.559E-11	1.276E-10
124	133	G1	2.062E-11	1.167E-10
124	159	G1	-3.254E-11	1.957E-10
124	158	G1	-4.602E-12	1.672E-10
124	132	G2	0.00066	0.00056
124	133	G2	0.00064	0.00056
124	159	G2	0.00064	0.0005
124	158	G2	0.00066	0.0005
124	132	Qm	-0.00229	-0.00228
124	133	Qm	-0.00223	-0.00228
124	159	Qm	-0.00223	-0.00238
124	158	Qm	-0.00229	-0.00238
124	132	Qs	-2.753E-12	3.073E-12
124	133	Qs	4.306E-12	2.396E-12
124	159	Qs	1.661E-12	3.388E-12
124	158	Qs	1.154E-12	1.608E-12
124	132	T+	0.	0.
124	133	T+	0.	0.
124	159	T+	0.	0.
124	158	T+	0.	0.
124	132	T-	0.	0.
124	133	T-	0.	0.
124	159	T-	0.	0.
124	158	T-	0.	0.

Table 27: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13	V23
			KN/mm	KN/mm
124	132	W	0.00062	-0.0008
124	133	W	0.00096	-0.0008
124	159	W	0.00096	-0.00092
124	158	W	0.00062	-0.00092
124	132	Qm-1	-0.00239	0.00487
124	133	Qm-1	-0.00241	0.00487
124	159	Qm-1	-0.00241	0.00517
124	158	Qm-1	-0.00239	0.00517
124	132	Qm-2	0.00065	0.0009
124	133	Qm-2	0.00103	0.0009
124	159	Qm-2	0.00103	0.00057
124	158	Qm-2	0.00065	0.00057
125	133	DEAD	0.	0.
125	134	DEAD	0.	0.
125	160	DEAD	0.	0.
125	159	DEAD	0.	0.
125	133	G1	-4.382E-12	1.965E-10
125	134	G1	-3.877E-11	2.038E-10
125	160	G1	-4.221E-11	1.763E-10
125	159	G1	-3.459E-12	2.038E-10
125	133	G2	0.00066	0.00051
125	134	G2	0.00066	0.00051
125	160	G2	0.00066	0.00049
125	159	G2	0.00066	0.00049
125	133	Qm	-0.00219	-0.00271
125	134	Qm	-0.00214	-0.00271
125	160	Qm	-0.00214	-0.00283
125	159	Qm	-0.00219	-0.00283
125	133	Qs	3.514E-12	4.423E-12
125	134	Qs	-2.780E-12	2.485E-12
125	160	Qs	-1.057E-12	3.950E-12
125	159	Qs	3.053E-12	3.430E-12
125	133	T+	0.	0.
125	134	T+	0.	0.
125	160	T+	0.	0.
125	159	T+	0.	0.
125	133	T-	0.	0.
125	134	T-	0.	0.
125	160	T-	0.	0.
125	159	T-	0.	0.
125	133	W	0.001	-0.00334
125	134	W	0.00142	-0.00334
125	160	W	0.00142	-0.00351
125	159	W	0.001	-0.00351
125	133	Qm-1	-0.00249	0.00682
125	134	Qm-1	-0.00257	0.00682
125	160	Qm-1	-0.00257	0.00696
125	159	Qm-1	-0.00249	0.00696
125	133	Qm-2	0.00119	0.00071
125	134	Qm-2	0.00093	0.00071
125	160	Qm-2	0.00093	0.00029
125	159	Qm-2	0.00119	0.00029
126	134	DEAD	0.	0.
126	135	DEAD	0.	0.

Table 27: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13	V23
			KN/mm	KN/mm
126	161	DEAD	0.	0.
126	160	DEAD	0.	0.
126	134	G1	-5.820E-11	-1.742E-11
126	135	G1	-5.839E-11	-2.776E-11
126	161	G1	-8.595E-11	-7.333E-12
126	160	G1	-5.082E-11	-1.010E-11
126	134	G2	0.00066	0.00035
126	135	G2	0.00068	0.00035
126	161	G2	0.00068	0.00039
126	160	G2	0.00066	0.00039
126	134	Qm	-0.0021	-0.00222
126	135	Qm	-0.00208	-0.00222
126	161	Qm	-0.00208	-0.00231
126	160	Qm	-0.0021	-0.00231
126	134	Qs	-1.687E-12	3.279E-12
126	135	Qs	-5.948E-13	3.894E-12
126	161	Qs	-2.317E-12	3.910E-12
126	160	Qs	-1.225E-12	2.476E-12
126	134	T+	0.	0.
126	135	T+	0.	0.
126	161	T+	0.	0.
126	160	T+	0.	0.
126	134	T-	0.	0.
126	135	T-	0.	0.
126	161	T-	0.	0.
126	160	T-	0.	0.
126	134	W	0.0014	-0.00768
126	135	W	0.00219	-0.00768
126	161	W	0.00219	-0.00977
126	160	W	0.0014	-0.00977
126	134	Qm-1	-0.00256	-0.00302
126	135	Qm-1	-0.00269	-0.00302
126	161	Qm-1	-0.00269	-0.00315
126	160	Qm-1	-0.00256	-0.00315
126	134	Qm-2	0.00091	-0.00033
126	135	Qm-2	0.00135	-0.00033
126	161	Qm-2	0.00135	0.00015
126	160	Qm-2	0.00091	0.00015
127	135	DEAD	0.	0.
127	136	DEAD	0.	0.
127	162	DEAD	0.	0.
127	161	DEAD	0.	0.
127	135	G1	-6.165E-11	3.120E-11
127	136	G1	-1.006E-10	3.415E-11
127	162	G1	-8.687E-11	1.102E-11
127	161	G1	-6.534E-11	-1.377E-11
127	135	G2	0.00065	0.00018
127	136	G2	0.00071	0.00018
127	162	G2	0.00071	0.00027
127	161	G2	0.00065	0.00027
127	135	Qm	-0.00205	-0.00077
127	136	Qm	-0.00204	-0.00077
127	162	Qm	-0.00204	-0.0008
127	161	Qm	-0.00205	-0.0008

Table 27: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13	V23
			KN/mm	KN/mm
127	135	Qs	-9.198E-13	4.162E-12
127	136	Qs	-3.457E-12	3.208E-12
127	162	Qs	-2.811E-12	3.847E-12
127	161	Qs	-1.093E-12	-1.206E-12
127	135	T+	0.	0.
127	136	T+	0.	0.
127	162	T+	0.	0.
127	161	T+	0.	0.
127	135	T-	0.	0.
127	136	T-	0.	0.
127	162	T-	0.	0.
127	161	T-	0.	0.
127	135	W	0.00142	-0.00936
127	136	W	0.00199	-0.00936
127	162	W	0.00199	-0.01137
127	161	W	0.00142	-0.01137
127	135	Qm-1	-0.00258	-0.0009
127	136	Qm-1	-0.0028	-0.0009
127	162	Qm-1	-0.0028	-0.00123
127	161	Qm-1	-0.00258	-0.00123
127	135	Qm-2	0.00117	-0.00044
127	136	Qm-2	0.00102	-0.00044
127	162	Qm-2	0.00102	-0.00018
127	161	Qm-2	0.00117	-0.00018
128	137	DEAD	0.	0.
128	138	DEAD	0.	0.
128	164	DEAD	0.	0.
128	163	DEAD	0.	0.
128	137	G1	-4.757E-11	-6.105E-11
128	138	G1	-9.807E-11	-6.794E-11
128	164	G1	-6.018E-11	-4.087E-11
128	163	G1	-5.772E-11	-4.272E-11
128	137	G2	0.00052	-0.00016
128	138	G2	0.00051	-0.00016
128	164	G2	0.00051	-0.00018
128	163	G2	0.00052	-0.00018
128	137	Qm	-0.00262	0.00012
128	138	Qm	-0.00268	0.00012
128	164	Qm	-0.00268	0.00016
128	163	Qm	-0.00262	0.00016
128	137	Qs	2.983E-13	-3.673E-12
128	138	Qs	2.332E-12	-4.104E-12
128	164	Qs	2.978E-12	-3.516E-12
128	163	Qs	1.252E-13	-3.631E-12
128	137	T+	0.	0.
128	138	T+	0.	0.
128	164	T+	0.	0.
128	163	T+	0.	0.
128	137	T-	0.	0.
128	138	T-	0.	0.
128	164	T-	0.	0.
128	163	T-	0.	0.
128	137	W	0.00228	0.00078
128	138	W	0.00202	0.00078

Table 27: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13	V23
			KN/mm	KN/mm
128	164	W	0.00202	0.00048
128	163	W	0.00228	0.00048
128	137	Qm-1	-0.00339	0.00011
128	138	Qm-1	-0.00348	0.00011
128	164	Qm-1	-0.00348	0.0002
128	163	Qm-1	-0.00339	0.0002
128	137	Qm-2	-0.00018	1.839E-05
128	138	Qm-2	-0.00017	1.839E-05
128	164	Qm-2	-0.00017	4.901E-05
128	163	Qm-2	-0.00018	4.901E-05
129	138	DEAD	0.	0.
129	139	DEAD	0.	0.
129	165	DEAD	0.	0.
129	164	DEAD	0.	0.
129	138	G1	-9.046E-11	-4.384E-11
129	139	G1	-4.826E-11	-7.435E-11
129	165	G1	-5.515E-11	-7.410E-11
129	164	G1	-8.861E-11	-5.670E-11
129	138	G2	0.00051	-0.00023
129	139	G2	0.00051	-0.00023
129	165	G2	0.00051	-0.00022
129	164	G2	0.00051	-0.00022
129	138	Qm	-0.00272	0.00068
129	139	Qm	-0.00288	0.00068
129	165	Qm	-0.00288	0.00086
129	164	Qm	-0.00272	0.00086
129	138	Qs	1.214E-12	7.474E-13
129	139	Qs	3.621E-12	-4.636E-12
129	165	Qs	2.790E-12	-4.297E-12
129	164	Qs	-1.624E-13	-5.739E-12
129	138	T+	0.	0.
129	139	T+	0.	0.
129	165	T+	0.	0.
129	164	T+	0.	0.
129	138	T-	0.	0.
129	139	T-	0.	0.
129	165	T-	0.	0.
129	164	T-	0.	0.
129	138	W	0.00209	0.00047
129	139	W	0.00195	0.00047
129	165	W	0.00195	0.00047
129	164	W	0.00209	0.00047
129	138	Qm-1	-0.00355	0.00075
129	139	Qm-1	-0.00371	0.00075
129	165	Qm-1	-0.00371	0.00102
129	164	Qm-1	-0.00355	0.00102
129	138	Qm-2	-0.00018	0.0002
129	139	Qm-2	-0.0002	0.0002
129	165	Qm-2	-0.0002	0.00024
129	164	Qm-2	-0.00018	0.00024
130	139	DEAD	0.	0.
130	140	DEAD	0.	0.
130	166	DEAD	0.	0.
130	165	DEAD	0.	0.

Table 27: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13	V23
			KN/mm	KN/mm
130	139	G1	-6.987E-11	-4.379E-11
130	140	G1	-9.016E-11	-7.357E-12
130	166	G1	-1.354E-10	-6.396E-11
130	165	G1	-3.215E-11	4.813E-11
130	139	G2	0.0005	-0.00028
130	140	G2	0.0005	-0.00028
130	166	G2	0.0005	-0.00026
130	165	G2	0.0005	-0.00026
130	139	Qm	-0.00297	0.00123
130	140	Qm	-0.00327	0.00123
130	166	Qm	-0.00327	0.00158
130	165	Qm	-0.00297	0.00158
130	139	Qs	3.117E-12	-5.888E-12
130	140	Qs	8.874E-13	-3.826E-12
130	166	Qs	-1.297E-12	-4.942E-12
130	165	Qs	5.301E-12	2.006E-12
130	139	T+	0.	0.
130	140	T+	0.	0.
130	166	T+	0.	0.
130	165	T+	0.	0.
130	139	T-	0.	0.
130	140	T-	0.	0.
130	166	T-	0.	0.
130	165	T-	0.	0.
130	139	W	0.0019	0.00031
130	140	W	0.00178	0.00031
130	166	W	0.00178	0.00053
130	165	W	0.0019	0.00053
130	139	Qm-1	-0.00386	0.00131
130	140	Qm-1	-0.00459	0.00131
130	166	Qm-1	-0.00459	0.00193
130	165	Qm-1	-0.00386	0.00193
130	139	Qm-2	-0.00019	0.00053
130	140	Qm-2	-0.00039	0.00053
130	166	Qm-2	-0.00039	0.0004
130	165	Qm-2	-0.00019	0.0004
131	140	DEAD	0.	0.
131	141	DEAD	0.	0.
131	167	DEAD	0.	0.
131	166	DEAD	0.	0.
131	140	G1	-1.088E-10	-6.510E-11
131	141	G1	-1.452E-10	-8.499E-12
131	167	G1	-1.693E-10	1.560E-11
131	166	G1	-1.023E-10	1.075E-10
131	140	G2	0.00049	-0.0003
131	141	G2	0.0005	-0.0003
131	167	G2	0.0005	-0.00028
131	166	G2	0.00049	-0.00028
131	140	Qm	-0.00346	0.00158
131	141	Qm	-0.00397	0.00158
131	167	Qm	-0.00397	0.00232
131	166	Qm	-0.00346	0.00232
131	140	Qs	-9.303E-13	-3.118E-12
131	141	Qs	2.211E-12	-1.979E-12

Table 27: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13	V23
			KN/mm	KN/mm
131	167	Qs	1.749E-12	-1.069E-12
131	166	Qs	7.923E-13	2.434E-12
131	140	T+	0.	0.
131	141	T+	0.	0.
131	167	T+	0.	0.
131	166	T+	0.	0.
131	140	T-	0.	0.
131	141	T-	0.	0.
131	167	T-	0.	0.
131	166	T-	0.	0.
131	140	W	0.0017	0.00053
131	141	W	0.00163	0.00053
131	167	W	0.00163	0.00075
131	166	W	0.0017	0.00075
131	140	Qm-1	-0.005	0.001
131	141	Qm-1	-0.00484	0.001
131	167	Qm-1	-0.00484	0.00251
131	166	Qm-1	-0.005	0.00251
131	140	Qm-2	-0.00052	0.00051
131	141	Qm-2	-0.00165	0.00051
131	167	Qm-2	-0.00165	0.00169
131	166	Qm-2	-0.00052	0.00169
132	141	DEAD	0.	0.
132	142	DEAD	0.	0.
132	168	DEAD	0.	0.
132	167	DEAD	0.	0.
132	141	G1	-1.451E-10	-6.804E-11
132	142	G1	-1.951E-10	1.464E-11
132	168	G1	-1.577E-10	-6.300E-11
132	167	G1	-1.296E-10	-4.085E-11
132	141	G2	0.00049	-0.00029
132	142	G2	0.00049	-0.00029
132	168	G2	0.00049	-0.00028
132	167	G2	0.00049	-0.00028
132	141	Qm	-0.00422	0.00148
132	142	Qm	-0.00468	0.00148
132	168	Qm	-0.00468	0.00216
132	167	Qm	-0.00422	0.00216
132	141	Qs	2.134E-12	-7.458E-12
132	142	Qs	-4.518E-12	-1.829E-12
132	168	Qs	-3.226E-12	-4.463E-12
132	167	Qs	1.787E-12	-1.356E-12
132	141	T+	0.	0.
132	142	T+	0.	0.
132	168	T+	0.	0.
132	167	T+	0.	0.
132	141	T-	0.	0.
132	142	T-	0.	0.
132	168	T-	0.	0.
132	167	T-	0.	0.
132	141	W	0.00157	0.00105
132	142	W	0.00161	0.00105
132	168	W	0.00161	0.00112
132	167	W	0.00157	0.00112

Table 27: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13	V23
			KN/mm	KN/mm
132	141	Qm-1	-0.0049	0.00077
132	142	Qm-1	-0.00532	0.00077
132	168	Qm-1	-0.00532	-0.00041
132	167	Qm-1	-0.0049	-0.00041
132	141	Qm-2	-0.00166	-0.00019
132	142	Qm-2	-0.0005	-0.00019
132	168	Qm-2	-0.0005	-0.00133
132	167	Qm-2	-0.00166	-0.00133
133	142	DEAD	0.	0.
133	143	DEAD	0.	0.
133	169	DEAD	0.	0.
133	168	DEAD	0.	0.
133	142	G1	-1.276E-10	-2.319E-11
133	143	G1	-1.248E-10	-5.863E-11
133	169	G1	-9.228E-11	-3.017E-12
133	168	G1	-2.130E-10	-6.368E-11
133	142	G2	0.00049	-0.00026
133	143	G2	0.00048	-0.00026
133	169	G2	0.00048	-0.00027
133	168	G2	0.00049	-0.00027
133	142	Qm	-0.00483	0.00094
133	143	Qm	-0.00497	0.00094
133	169	Qm	-0.00497	0.00112
133	168	Qm	-0.00483	0.00112
133	142	Qs	-4.663E-13	-3.946E-12
133	143	Qs	-1.367E-12	-3.761E-12
133	169	Qs	1.740E-12	-1.424E-12
133	168	Qs	-6.095E-12	-2.973E-12
133	142	T+	0.	0.
133	143	T+	0.	0.
133	169	T+	0.	0.
133	168	T+	0.	0.
133	142	T-	0.	0.
133	143	T-	0.	0.
133	169	T-	0.	0.
133	168	T-	0.	0.
133	142	W	0.00161	0.00165
133	143	W	0.00179	0.00165
133	169	W	0.00179	0.00154
133	168	W	0.00161	0.00154
133	142	Qm-1	-0.00504	0.00044
133	143	Qm-1	-0.00453	0.00044
133	169	Qm-1	-0.00453	0.00021
133	168	Qm-1	-0.00504	0.00021
133	142	Qm-2	-0.00039	-0.00017
133	143	Qm-2	-0.00017	-0.00017
133	169	Qm-2	-0.00017	-1.014E-05
133	168	Qm-2	-0.00039	-1.014E-05
134	143	DEAD	0.	0.
134	144	DEAD	0.	0.
134	170	DEAD	0.	0.
134	169	DEAD	0.	0.
134	143	G1	-1.463E-10	-1.684E-11
134	144	G1	-8.044E-11	-3.055E-12

Table 27: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13	V23
			KN/mm	KN/mm
134	170	G1	-1.085E-10	8.186E-13
134	169	G1	-1.132E-10	4.511E-12
134	143	G2	0.0005	-0.00023
134	144	G2	0.00049	-0.00023
134	170	G2	0.00049	-0.00026
134	169	G2	0.0005	-0.00026
134	143	Qm	-0.00498	0.00026
134	144	Qm	-0.00484	0.00026
134	170	Qm	-0.00484	0.00011
134	169	Qm	-0.00498	0.00011
134	143	Qs	-1.203E-12	-8.645E-13
134	144	Qs	3.230E-12	-2.186E-13
134	170	Qs	1.476E-12	-8.645E-13
134	169	Qs	8.654E-13	-6.915E-13
134	143	T+	0.	0.
134	144	T+	0.	0.
134	170	T+	0.	0.
134	169	T+	0.	0.
134	143	T-	0.	0.
134	144	T-	0.	0.
134	170	T-	0.	0.
134	169	T-	0.	0.
134	143	W	0.00188	0.00221
134	144	W	0.00203	0.00221
134	170	W	0.00203	0.00181
134	169	W	0.00188	0.00181
134	143	Qm-1	-0.00456	0.00093
134	144	Qm-1	-0.00505	0.00093
134	170	Qm-1	-0.00505	0.00128
134	169	Qm-1	-0.00456	0.00128
134	143	Qm-2	-0.00017	0.00032
134	144	Qm-2	-0.0003	0.00032
134	170	Qm-2	-0.0003	0.00015
134	169	Qm-2	-0.00017	0.00015
135	144	DEAD	0.	0.
135	145	DEAD	0.	0.
135	171	DEAD	0.	0.
135	170	DEAD	0.	0.
135	144	G1	-1.343E-10	2.582E-11
135	145	G1	-1.105E-10	3.271E-11
135	171	G1	-1.293E-10	2.077E-11
135	170	G1	-5.254E-11	2.262E-11
135	144	G2	0.0005	-0.00022
135	145	G2	0.00049	-0.00022
135	171	G2	0.00049	-0.00025
135	170	G2	0.0005	-0.00025
135	144	Qm	-0.0047	-0.00022
135	145	Qm	-0.00424	-0.00022
135	171	Qm	-0.00424	-0.00087
135	170	Qm	-0.0047	-0.00087
135	144	Qs	3.072E-13	5.752E-13
135	145	Qs	4.483E-12	2.728E-12
135	171	Qs	2.514E-12	-2.577E-12
135	170	Qs	2.434E-12	-2.000E-12

Table 27: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13	V23
			KN/mm	KN/mm
135	144	T+	0.	0.
135	145	T+	0.	0.
135	171	T+	0.	0.
135	170	T+	0.	0.
135	144	T-	0.	0.
135	145	T-	0.	0.
135	171	T-	0.	0.
135	170	T-	0.	0.
135	144	W	0.00218	0.00231
135	145	W	0.00224	0.00231
135	171	W	0.00224	0.00185
135	170	W	0.00218	0.00185
135	144	Qm-1	-0.00538	0.00068
135	145	Qm-1	-0.00493	0.00068
135	171	Qm-1	-0.00493	0.00199
135	170	Qm-1	-0.00538	0.00199
135	144	Qm-2	-0.00042	0.00034
135	145	Qm-2	-0.00148	0.00034
135	171	Qm-2	-0.00148	0.00147
135	170	Qm-2	-0.00042	0.00147
136	145	DEAD	0.	0.
136	146	DEAD	0.	0.
136	172	DEAD	0.	0.
136	171	DEAD	0.	0.
136	145	G1	-1.530E-10	-1.223E-12
136	146	G1	-1.107E-10	-4.650E-11
136	172	G1	-1.353E-10	-2.644E-11
136	171	G1	-1.208E-10	-6.416E-11
136	145	G2	0.0005	-0.00023
136	146	G2	0.0005	-0.00023
136	172	G2	0.0005	-0.00025
136	171	G2	0.0005	-0.00025
136	145	Qm	-0.004	-0.00019
136	146	Qm	-0.00348	-0.00019
136	172	Qm	-0.00348	-0.00089
136	171	Qm	-0.004	-0.00089
136	145	Qs	-2.941E-13	-2.705E-12
136	146	Qs	3.282E-12	-3.351E-12
136	172	Qs	2.112E-14	-2.526E-14
136	171	Qs	2.178E-12	-1.983E-13
136	145	T+	0.	0.
136	146	T+	0.	0.
136	172	T+	0.	0.
136	171	T+	0.	0.
136	145	T-	0.	0.
136	146	T-	0.	0.
136	172	T-	0.	0.
136	171	T-	0.	0.
136	145	W	0.00239	0.00184
136	146	W	0.0024	0.00184
136	172	W	0.0024	0.00166
136	171	W	0.00239	0.00166
136	145	Qm-1	-0.00493	0.00061
136	146	Qm-1	-0.00501	0.00061

Table 27: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13	V23
			KN/mm	KN/mm
136	172	Qm-1	-0.00501	-0.00074
136	171	Qm-1	-0.00493	-0.00074
136	145	Qm-2	-0.00147	-0.00035
136	146	Qm-2	-0.00021	-0.00035
136	172	Qm-2	-0.00021	-0.00155
136	171	Qm-2	-0.00147	-0.00155
137	146	DEAD	0.	0.
137	147	DEAD	0.	0.
137	173	DEAD	0.	0.
137	172	DEAD	0.	0.
137	146	G1	-1.264E-10	-5.884E-11
137	147	G1	-5.939E-11	-2.236E-12
137	173	G1	-1.037E-10	-1.042E-10
137	172	G1	-1.401E-10	-1.232E-11
137	146	G2	0.0005	-0.00025
137	147	G2	0.00051	-0.00025
137	173	G2	0.00051	-0.00024
137	172	G2	0.0005	-0.00024
137	146	Qm	-0.00331	0.00036
137	147	Qm	-0.00297	0.00036
137	173	Qm	-0.00297	6.197E-05
137	172	Qm	-0.00331	6.197E-05
137	146	Qs	1.737E-12	-3.961E-12
137	147	Qs	1.668E-12	-1.100E-12
137	173	Qs	-1.100E-12	-2.227E-12
137	172	Qs	8.800E-13	1.737E-12
137	146	T+	0.	0.
137	147	T+	0.	0.
137	173	T+	0.	0.
137	172	T+	0.	0.
137	146	T-	0.	0.
137	147	T-	0.	0.
137	173	T-	0.	0.
137	172	T-	0.	0.
137	146	W	0.00238	0.00111
137	147	W	0.00251	0.00111
137	173	W	0.00251	0.00137
137	172	W	0.00238	0.00137
137	146	Qm-1	-0.00469	0.00059
137	147	Qm-1	-0.00381	0.00059
137	173	Qm-1	-0.00381	0.00015
137	172	Qm-1	-0.00469	0.00015
137	146	Qm-2	-7.032E-05	-0.00033
137	147	Qm-2	0.00026	-0.00033
137	173	Qm-2	0.00026	-0.00029
137	172	Qm-2	-7.032E-05	-0.00029
138	147	DEAD	0.	0.
138	148	DEAD	0.	0.
138	174	DEAD	0.	0.
138	173	DEAD	0.	0.
138	147	G1	-9.014E-11	4.052E-11
138	148	G1	-6.961E-11	6.072E-12
138	174	G1	5.692E-12	2.791E-11
138	173	G1	-8.474E-11	1.868E-11

Table 27: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13	V23
			KN/mm	KN/mm
138	147	G2	0.00051	-0.00025
138	148	G2	0.00052	-0.00025
138	174	G2	0.00052	-0.00023
138	173	G2	0.00051	-0.00023
138	147	Qm	-0.00291	0.00121
138	148	Qm	-0.00267	0.00121
138	174	Qm	-0.00267	0.00108
138	173	Qm	-0.00291	0.00108
138	147	Qs	9.629E-13	3.575E-13
138	148	Qs	-1.487E-13	-7.315E-14
138	174	Qs	4.588E-12	-9.035E-13
138	173	Qs	-3.063E-13	-1.019E-12
138	147	T+	0.	0.
138	148	T+	0.	0.
138	174	T+	0.	0.
138	173	T+	0.	0.
138	147	T-	0.	0.
138	148	T-	0.	0.
138	174	T-	0.	0.
138	173	T-	0.	0.
138	147	W	0.00231	0.00065
138	148	W	0.00241	0.00065
138	174	W	0.00241	0.00118
138	173	W	0.00231	0.00118
138	147	Qm-1	-0.00374	0.00166
138	148	Qm-1	-0.00336	0.00166
138	174	Qm-1	-0.00336	0.0015
138	173	Qm-1	-0.00374	0.0015
138	147	Qm-2	0.0003	-3.441E-05
138	148	Qm-2	0.00036	-3.441E-05
138	174	Qm-2	0.00036	-0.00027
138	173	Qm-2	0.0003	-0.00027
139	148	DEAD	0.	0.
139	149	DEAD	0.	0.
139	175	DEAD	0.	0.
139	174	DEAD	0.	0.
139	148	G1	-7.352E-11	3.290E-11
139	149	G1	-1.237E-12	7.080E-11
139	175	G1	-3.569E-11	2.534E-11
139	174	G1	-6.429E-11	3.549E-11
139	148	G2	0.00051	-0.00022
139	149	G2	0.00053	-0.00022
139	175	G2	0.00053	-0.0002
139	174	G2	0.00051	-0.0002
139	148	Qm	-0.00266	0.0022
139	149	Qm	-0.00249	0.0022
139	175	Qm	-0.00249	0.00218
139	174	Qm	-0.00266	0.00218
139	148	Qs	1.829E-13	-1.158E-12
139	149	Qs	6.208E-12	2.876E-13
139	175	Qs	2.547E-12	1.522E-12
139	174	Qs	1.164E-12	-1.289E-12
139	148	T+	0.	0.
139	149	T+	0.	0.

Table 27: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13	V23
			KN/mm	KN/mm
139	175	T+	0.	0.
139	174	T+	0.	0.
139	148	T-	0.	0.
139	149	T-	0.	0.
139	175	T-	0.	0.
139	174	T-	0.	0.
139	148	W	0.00222	0.00079
139	149	W	0.00227	0.00079
139	175	W	0.00227	0.00122
139	174	W	0.00222	0.00122
139	148	Qm-1	-0.00333	0.00302
139	149	Qm-1	-0.003	0.00302
139	175	Qm-1	-0.003	0.00287
139	174	Qm-1	-0.00333	0.00287
139	148	Qm-2	0.00043	-0.0002
139	149	Qm-2	0.00047	-0.0002
139	175	Qm-2	0.00047	-0.0003
139	174	Qm-2	0.00043	-0.0003
140	149	DEAD	0.	0.
140	150	DEAD	0.	0.
140	176	DEAD	0.	0.
140	175	DEAD	0.	0.
140	149	G1	-3.702E-11	-1.872E-10
140	150	G1	-2.718E-11	-1.941E-10
140	176	G1	-1.685E-11	-1.695E-10
140	175	G1	-3.979E-11	-1.714E-10
140	149	G2	0.00052	-0.00015
140	150	G2	0.00053	-0.00015
140	176	G2	0.00053	-0.00015
140	175	G2	0.00052	-0.00015
140	149	Qm	-0.00251	0.00234
140	150	Qm	-0.00239	0.00234
140	176	Qm	-0.00239	0.00237
140	175	Qm	-0.00251	0.00237
140	149	Qs	4.410E-12	-6.549E-13
140	150	Qs	7.687E-13	-1.086E-12
140	176	Qs	1.415E-12	2.909E-13
140	175	Qs	4.236E-12	1.755E-13
140	149	T+	0.	0.
140	150	T+	0.	0.
140	176	T+	0.	0.
140	175	T+	0.	0.
140	149	T-	0.	0.
140	150	T-	0.	0.
140	176	T-	0.	0.
140	175	T-	0.	0.
140	149	W	0.00218	0.00145
140	150	W	0.00216	0.00145
140	176	W	0.00216	0.00144
140	175	W	0.00218	0.00144
140	149	Qm-1	-0.00295	-0.00747
140	150	Qm-1	-0.00274	-0.00747
140	176	Qm-1	-0.00274	-0.00768
140	175	Qm-1	-0.00295	-0.00768

Table 27: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13	V23
			KN/mm	KN/mm
140	149	Qm-2	0.00047	-0.00047
140	150	Qm-2	0.00052	-0.00047
140	176	Qm-2	0.00052	-0.0004
140	175	Qm-2	0.00047	-0.0004
141	150	DEAD	0.	0.
141	151	DEAD	0.	0.
141	177	DEAD	0.	0.
141	176	DEAD	0.	0.
141	150	G1	-3.644E-11	-1.353E-10
141	151	G1	-9.193E-12	-1.082E-10
141	177	G1	-8.698E-12	-1.428E-10
141	176	G1	-6.215E-11	-1.612E-10
141	150	G2	0.00053	-7.821E-05
141	151	G2	0.00053	-7.821E-05
141	177	G2	0.00053	-9.855E-05
141	176	G2	0.00053	-9.855E-05
141	150	Qm	-0.00241	0.0016
141	151	Qm	-0.00233	0.0016
141	177	Qm	-0.00233	0.00164
141	176	Qm	-0.00241	0.00164
141	150	Qs	-1.148E-12	-1.192E-12
141	151	Qs	3.023E-12	4.996E-13
141	177	Qs	3.423E-12	-7.191E-13
141	176	Qs	3.438E-13	-1.865E-12
141	150	T+	0.	0.
141	151	T+	0.	0.
141	177	T+	0.	0.
141	176	T+	0.	0.
141	150	T-	0.	0.
141	151	T-	0.	0.
141	177	T-	0.	0.
141	176	T-	0.	0.
141	150	W	0.00226	0.00209
141	151	W	0.00216	0.00209
141	177	W	0.00216	0.00164
141	176	W	0.00226	0.00164
141	150	Qm-1	-0.00266	-0.00596
141	151	Qm-1	-0.00252	-0.00596
141	177	Qm-1	-0.00252	-0.00622
141	176	Qm-1	-0.00266	-0.00622
141	150	Qm-2	0.00045	-0.00066
141	151	Qm-2	0.00049	-0.00066
141	177	Qm-2	0.00049	-0.00045
141	176	Qm-2	0.00045	-0.00045
142	151	DEAD	0.	0.
142	152	DEAD	0.	0.
142	178	DEAD	0.	0.
142	177	DEAD	0.	0.
142	151	G1	-2.868E-11	-4.541E-11
142	152	G1	-3.212E-12	-7.248E-11
142	178	G1	-1.355E-11	-1.337E-10
142	177	G1	-2.591E-11	-1.154E-10
142	151	G2	0.00054	-1.947E-05
142	152	G2	0.00054	-1.947E-05

Table 27: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13	V23
			KN/mm	KN/mm
142	178	G2	0.00054	-4.526E-05
142	177	G2	0.00054	-4.526E-05
142	151	Qm	-0.00235	0.00095
142	152	Qm	-0.00229	0.00095
142	178	Qm	-0.00229	0.00099
142	177	Qm	-0.00235	0.00099
142	151	Qs	4.049E-12	2.534E-12
142	152	Qs	1.192E-12	1.888E-12
142	178	Qs	1.684E-12	-2.352E-12
142	177	Qs	7.191E-13	-2.525E-12
142	151	T+	0.	0.
142	152	T+	0.	0.
142	178	T+	0.	0.
142	177	T+	0.	0.
142	151	T-	0.	0.
142	152	T-	0.	0.
142	178	T-	0.	0.
142	177	T-	0.	0.
142	151	W	0.00237	0.00218
142	152	W	0.00221	0.00218
142	178	W	0.00221	0.00164
142	177	W	0.00237	0.00164
142	151	Qm-1	-0.00243	-0.00455
142	152	Qm-1	-0.00232	-0.00455
142	178	Qm-1	-0.00232	-0.00479
142	177	Qm-1	-0.00243	-0.00479
142	151	Qm-2	0.00043	-0.00055
142	152	Qm-2	0.00037	-0.00055
142	178	Qm-2	0.00037	-0.00044
142	177	Qm-2	0.00043	-0.00044
143	152	DEAD	0.	0.
143	153	DEAD	0.	0.
143	179	DEAD	0.	0.
143	178	DEAD	0.	0.
143	152	G1	2.192E-11	-5.059E-11
143	153	G1	-4.145E-11	-3.976E-11
143	179	G1	-3.357E-11	-8.337E-11
143	178	G1	-3.136E-11	-5.489E-11
143	152	G2	0.00054	1.988E-05
143	153	G2	0.00054	1.988E-05
143	179	G2	0.00054	7.282E-06
143	178	G2	0.00054	7.282E-06
143	152	Qm	-0.00231	0.00038
143	153	Qm	-0.00226	0.00038
143	179	Qm	-0.00226	0.0004
143	178	Qm	-0.00231	0.0004
143	152	Qs	4.401E-12	3.044E-12
143	153	Qs	3.324E-12	1.999E-12
143	179	Qs	1.879E-12	4.964E-14
143	178	Qs	1.590E-12	1.368E-12
143	152	T+	0.	0.
143	153	T+	0.	0.
143	179	T+	0.	0.
143	178	T+	0.	0.

Table 27: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13	V23
			KN/mm	KN/mm
143	152	T-	0.	0.
143	153	T-	0.	0.
143	179	T-	0.	0.
143	178	T-	0.	0.
143	152	W	0.00242	0.00165
143	153	W	0.00223	0.00165
143	179	W	0.00223	0.00137
143	178	W	0.00242	0.00137
143	152	Qm-1	-0.00224	-0.00323
143	153	Qm-1	-0.00214	-0.00323
143	179	Qm-1	-0.00214	-0.0034
143	178	Qm-1	-0.00224	-0.0034
143	152	Qm-2	0.00035	-0.00037
143	153	Qm-2	0.00031	-0.00037
143	179	Qm-2	0.00031	-0.00034
143	178	Qm-2	0.00035	-0.00034
144	153	DEAD	0.	0.
144	154	DEAD	0.	0.
144	180	DEAD	0.	0.
144	179	DEAD	0.	0.
144	153	G1	-7.333E-12	-7.317E-11
144	154	G1	-4.253E-11	9.517E-12
144	180	G1	-1.742E-11	-2.550E-12
144	179	G1	-6.522E-11	1.960E-11
144	153	G2	0.00055	5.474E-05
144	154	G2	0.00055	5.474E-05
144	180	G2	0.00055	6.374E-05
144	179	G2	0.00055	6.374E-05
144	153	Qm	-0.00227	-0.00015
144	154	Qm	-0.00223	-0.00015
144	180	Qm	-0.00223	-0.00014
144	179	Qm	-0.00227	-0.00014
144	153	Qs	2.908E-12	-7.727E-13
144	154	Qs	2.928E-12	3.134E-12
144	180	Qs	-8.686E-14	1.592E-12
144	179	Qs	3.716E-12	4.237E-12
144	153	T+	0.	0.
144	154	T+	0.	0.
144	180	T+	0.	0.
144	179	T+	0.	0.
144	153	T-	0.	0.
144	154	T-	0.	0.
144	180	T-	0.	0.
144	179	T-	0.	0.
144	153	W	0.00227	0.00082
144	154	W	0.00219	0.00082
144	180	W	0.00219	0.00097
144	179	W	0.00227	0.00097
144	153	Qm-1	-0.00209	-0.00195
144	154	Qm-1	-0.00202	-0.00195
144	180	Qm-1	-0.00202	-0.00204
144	179	Qm-1	-0.00209	-0.00204
144	153	Qm-2	0.0003	-0.00021
144	154	Qm-2	0.0003	-0.00021

Table 27: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13	V23
			KN/mm	KN/mm
144	180	Qm-2	0.0003	-0.0002
144	179	Qm-2	0.0003	-0.0002
145	154	DEAD	0.	0.
145	155	DEAD	0.	0.
145	181	DEAD	0.	0.
145	180	DEAD	0.	0.
145	154	G1	-7.004E-11	1.262E-11
145	155	G1	5.569E-11	1.299E-12
145	181	G1	4.092E-11	2.523E-11
145	180	G1	-1.492E-11	-2.896E-11
145	154	G2	0.00055	0.00011
145	155	G2	0.00056	0.00011
145	181	G2	0.00056	0.00013
145	180	G2	0.00055	0.00013
145	154	Qm	-0.00224	-0.00064
145	155	Qm	-0.0022	-0.00064
145	181	Qm	-0.0022	-0.00064
145	180	Qm	-0.00224	-0.00064
145	154	Qs	-1.937E-14	1.241E-12
145	155	Qs	6.625E-12	1.671E-12
145	181	Qs	5.025E-12	1.398E-12
145	180	Qs	5.206E-12	1.514E-12
145	154	T+	0.	0.
145	155	T+	0.	0.
145	181	T+	0.	0.
145	180	T+	0.	0.
145	154	T-	0.	0.
145	155	T-	0.	0.
145	181	T-	0.	0.
145	180	T-	0.	0.
145	154	W	0.00206	0.00022
145	155	W	0.00188	0.00022
145	181	W	0.00188	0.00064
145	180	W	0.00206	0.00064
145	154	Qm-1	-0.002	-0.00066
145	155	Qm-1	-0.00195	-0.00066
145	181	Qm-1	-0.00195	-0.00068
145	180	Qm-1	-0.002	-0.00068
145	154	Qm-2	0.00029	-6.530E-05
145	155	Qm-2	0.00031	-6.530E-05
145	181	Qm-2	0.00031	-5.822E-05
145	180	Qm-2	0.00029	-5.822E-05
146	155	DEAD	0.	0.
146	156	DEAD	0.	0.
146	182	DEAD	0.	0.
146	181	DEAD	0.	0.
146	155	G1	1.949E-11	3.569E-11
146	156	G1	-1.760E-11	-1.894E-11
146	182	G1	-4.861E-11	7.352E-11
146	181	G1	2.779E-11	8.446E-11
146	155	G2	0.00055	0.0002
146	156	G2	0.00056	0.0002
146	182	G2	0.00056	0.00021
146	181	G2	0.00055	0.00021

Table 27: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13	V23
			KN/mm	KN/mm
146	155	Qm	-0.0022	-0.0011
146	156	Qm	-0.00215	-0.0011
146	182	Qm	-0.00215	-0.00112
146	181	Qm	-0.0022	-0.00112
146	155	Qs	2.036E-12	2.861E-12
146	156	Qs	1.475E-12	-1.015E-12
146	182	Qs	4.243E-12	3.964E-12
146	181	Qs	2.893E-12	2.926E-12
146	155	T+	0.	0.
146	156	T+	0.	0.
146	182	T+	0.	0.
146	181	T+	0.	0.
146	155	T-	0.	0.
146	156	T-	0.	0.
146	182	T-	0.	0.
146	181	T-	0.	0.
146	155	W	0.00175	0.00016
146	156	W	0.0014	0.00016
146	182	W	0.0014	0.00051
146	181	W	0.00175	0.00051
146	155	Qm-1	-0.00196	0.00066
146	156	Qm-1	-0.00194	0.00066
146	182	Qm-1	-0.00194	0.00071
146	181	Qm-1	-0.00196	0.00071
146	155	Qm-2	0.00031	8.228E-05
146	156	Qm-2	0.00036	8.228E-05
146	182	Qm-2	0.00036	8.090E-05
146	181	Qm-2	0.00031	8.090E-05
147	156	DEAD	0.	0.
147	157	DEAD	0.	0.
147	183	DEAD	0.	0.
147	182	DEAD	0.	0.
147	156	G1	-4.134E-11	1.792E-10
147	157	G1	-1.108E-11	1.526E-10
147	183	G1	-1.108E-11	9.599E-11
147	182	G1	-4.134E-11	1.400E-10
147	156	G2	0.00056	0.00032
147	157	G2	0.00054	0.00032
147	183	G2	0.00054	0.00031
147	182	G2	0.00056	0.00031
147	156	Qm	-0.00215	-0.00154
147	157	Qm	-0.0021	-0.00154
147	183	Qm	-0.0021	-0.00157
147	182	Qm	-0.00215	-0.00157
147	156	Qs	4.273E-12	6.406E-12
147	157	Qs	-9.059E-13	2.561E-12
147	183	Qs	1.278E-12	4.514E-12
147	182	Qs	2.089E-12	5.083E-12
147	156	T+	0.	0.
147	157	T+	0.	0.
147	183	T+	0.	0.
147	182	T+	0.	0.
147	156	T-	0.	0.
147	157	T-	0.	0.

Table 27: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13	V23
			KN/mm	KN/mm
147	183	T-	0.	0.
147	182	T-	0.	0.
147	156	W	0.00135	0.0005
147	157	W	0.00074	0.0005
147	183	W	0.00074	0.00057
147	182	W	0.00135	0.00057
147	156	Qm-1	-0.00198	0.00204
147	157	Qm-1	-0.00197	0.00204
147	183	Qm-1	-0.00197	0.00216
147	182	Qm-1	-0.00198	0.00216
147	156	Qm-2	0.00036	0.00024
147	157	Qm-2	0.00046	0.00024
147	183	Qm-2	0.00046	0.00022
147	182	Qm-2	0.00036	0.00022
148	157	DEAD	0.	0.
148	158	DEAD	0.	0.
148	184	DEAD	0.	0.
148	183	DEAD	0.	0.
148	157	G1	-6.429E-11	1.676E-10
148	158	G1	6.915E-11	1.705E-10
148	184	G1	-1.237E-12	1.222E-10
148	183	G1	3.132E-11	9.739E-11
148	157	G2	0.00055	0.00044
148	158	G2	0.0005	0.00044
148	184	G2	0.0005	0.00041
148	183	G2	0.00055	0.00041
148	157	Qm	-0.00208	-0.00196
148	158	Qm	-0.00204	-0.00196
148	184	Qm	-0.00204	-0.00202
148	183	Qm	-0.00208	-0.00202
148	157	Qs	-2.762E-12	5.041E-12
148	158	Qs	5.263E-12	6.733E-12
148	184	Qs	2.125E-12	3.149E-12
148	183	Qs	4.475E-12	2.004E-12
148	157	T+	0.	0.
148	158	T+	0.	0.
148	184	T+	0.	0.
148	183	T+	0.	0.
148	157	T-	0.	0.
148	158	T-	0.	0.
148	184	T-	0.	0.
148	183	T-	0.	0.
148	157	W	0.00072	0.00044
148	158	W	0.00011	0.00044
148	184	W	0.00011	0.00077
148	183	W	0.00072	0.00077
148	157	Qm-1	-0.00204	0.00351
148	158	Qm-1	-0.00203	0.00351
148	184	Qm-1	-0.00203	0.00369
148	183	Qm-1	-0.00204	0.00369
148	157	Qm-2	0.00047	0.00041
148	158	Qm-2	0.00058	0.00041
148	184	Qm-2	0.00058	0.00032
148	183	Qm-2	0.00047	0.00032

Table 27: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13	V23
			KN/mm	KN/mm
149	158	DEAD	0.	0.
149	159	DEAD	0.	0.
149	185	DEAD	0.	0.
149	184	DEAD	0.	0.
149	158	G1	3.379E-12	1.518E-10
149	159	G1	-3.279E-11	1.661E-10
149	185	G1	-4.706E-11	1.569E-10
149	184	G1	3.279E-11	1.863E-10
149	158	G2	0.00052	0.00052
149	159	G2	0.00045	0.00052
149	185	G2	0.00045	0.0005
149	184	G2	0.00052	0.0005
149	158	Qm	-0.00202	-0.00239
149	159	Qm	-0.00199	-0.00239
149	185	Qm	-0.00199	-0.00246
149	184	Qm	-0.00202	-0.00246
149	158	Qs	1.332E-12	1.933E-12
149	159	Qs	2.843E-12	1.103E-12
149	185	Qs	1.489E-12	3.982E-12
149	184	Qs	4.892E-12	5.359E-12
149	158	T+	0.	0.
149	159	T+	0.	0.
149	185	T+	0.	0.
149	184	T+	0.	0.
149	158	T-	0.	0.
149	159	T-	0.	0.
149	185	T-	0.	0.
149	184	T-	0.	0.
149	158	W	-0.00037	-0.00123
149	159	W	0.00032	-0.00123
149	185	W	0.00032	0.00112
149	184	W	-0.00037	0.00112
149	158	Qm-1	-0.0021	0.00515
149	159	Qm-1	-0.0021	0.00515
149	185	Qm-1	-0.0021	0.00532
149	184	Qm-1	-0.0021	0.00532
149	158	Qm-2	0.00064	0.00052
149	159	Qm-2	0.00068	0.00052
149	185	Qm-2	0.00068	0.00033
149	184	Qm-2	0.00064	0.00033
150	159	DEAD	0.	0.
150	160	DEAD	0.	0.
150	186	DEAD	0.	0.
150	185	DEAD	0.	0.
150	159	G1	-8.719E-11	1.939E-10
150	160	G1	-9.539E-11	2.013E-10
150	186	G1	-1.910E-11	2.065E-10
150	185	G1	-1.332E-10	2.341E-10
150	159	G2	0.00045	0.00049
150	160	G2	0.00041	0.00049
150	186	G2	0.00041	0.00056
150	185	G2	0.00045	0.00056
150	159	Qm	-0.00196	-0.00283
150	160	Qm	-0.00194	-0.00283

Table 27: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13	V23
			KN/mm	KN/mm
150	186	Qm	-0.00194	-0.00291
150	185	Qm	-0.00196	-0.00291
150	159	Qs	-4.631E-13	3.755E-12
150	160	Qs	-4.559E-13	4.893E-12
150	186	Qs	2.374E-12	1.706E-12
150	185	Qs	-2.820E-12	5.208E-12
150	159	T+	0.	0.
150	160	T+	0.	0.
150	186	T+	0.	0.
150	185	T+	0.	0.
150	159	T-	0.	0.
150	160	T-	0.	0.
150	186	T-	0.	0.
150	185	T-	0.	0.
150	159	W	-0.00062	-0.00406
150	160	W	0.0022	-0.00406
150	186	W	0.0022	-0.00505
150	185	W	-0.00062	-0.00505
150	159	Qm-1	-0.00215	0.00697
150	160	Qm-1	-0.00218	0.00697
150	186	Qm-1	-0.00218	0.00705
150	185	Qm-1	-0.00215	0.00705
150	159	Qm-2	0.00073	0.00032
150	160	Qm-2	0.00079	0.00032
150	186	Qm-2	0.00079	0.00026
150	185	Qm-2	0.00073	0.00026
151	160	DEAD	0.	0.
151	161	DEAD	0.	0.
151	187	DEAD	0.	0.
151	186	DEAD	0.	0.
151	160	G1	-7.249E-11	-1.212E-11
151	161	G1	-2.525E-11	-1.261E-11
151	187	G1	-1.196E-11	3.832E-11
151	186	G1	-5.047E-11	1.261E-11
151	160	G2	0.00039	0.00039
151	161	G2	0.00037	0.00039
151	187	G2	0.00037	0.00044
151	186	G2	0.00039	0.00044
151	160	Qm	-0.00191	-0.00231
151	161	Qm	-0.0019	-0.00231
151	187	Qm	-0.0019	-0.00237
151	186	Qm	-0.00191	-0.00237
151	160	Qs	-2.513E-12	2.955E-12
151	161	Qs	3.412E-12	3.171E-12
151	187	Qs	2.058E-12	4.689E-12
151	186	Qs	1.047E-12	4.747E-12
151	160	T+	0.	0.
151	161	T+	0.	0.
151	187	T+	0.	0.
151	186	T+	0.	0.
151	160	T-	0.	0.
151	161	T-	0.	0.
151	187	T-	0.	0.
151	186	T-	0.	0.

Table 27: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13	V23
			KN/mm	KN/mm
151	160	W	0.0019	-0.00983
151	161	W	-0.00157	-0.00983
151	187	W	-0.00157	0.00624
151	186	W	0.0019	0.00624
151	160	Qm-1	-0.00218	-0.00309
151	161	Qm-1	-0.00225	-0.00309
151	187	Qm-1	-0.00225	-0.00315
151	186	Qm-1	-0.00218	-0.00315
151	160	Qm-2	0.00077	3.988E-05
151	161	Qm-2	0.00087	3.988E-05
151	187	Qm-2	0.00087	0.00014
151	186	Qm-2	0.00077	0.00014
152	161	DEAD	0.	0.
152	162	DEAD	0.	0.
152	188	DEAD	0.	0.
152	187	DEAD	0.	0.
152	161	G1	5.406E-12	5.858E-11
152	162	G1	-7.530E-11	-3.444E-11
152	188	G1	-7.530E-11	5.354E-11
152	187	G1	5.406E-12	2.861E-11
152	161	G2	0.00037	0.00026
152	162	G2	0.00033	0.00026
152	188	G2	0.00033	0.00025
152	187	G2	0.00037	0.00025
152	161	Qm	-0.00188	-0.0008
152	162	Qm	-0.00188	-0.0008
152	188	Qm	-0.00188	-0.00083
152	187	Qm	-0.00188	-0.00083
152	161	Qs	2.550E-12	5.011E-12
152	162	Qs	-4.443E-13	4.583E-13
152	188	Qs	8.166E-13	3.907E-12
152	187	Qs	3.811E-12	1.089E-12
152	161	T+	0.	0.
152	162	T+	0.	0.
152	188	T+	0.	0.
152	187	T+	0.	0.
152	161	T-	0.	0.
152	162	T-	0.	0.
152	188	T-	0.	0.
152	187	T-	0.	0.
152	161	W	0.00623	-0.01127
152	162	W	0.00271	-0.01127
152	188	W	0.00271	0.00245
152	187	W	0.00623	0.00245
152	161	Qm-1	-0.00219	-0.00116
152	162	Qm-1	-0.00231	-0.00116
152	188	Qm-1	-0.00231	-0.00134
152	187	Qm-1	-0.00219	-0.00134
152	161	Qm-2	0.00079	-0.00021
152	162	Qm-2	0.00093	-0.00021
152	188	Qm-2	0.00093	2.622E-05
152	187	Qm-2	0.00079	2.622E-05
153	163	DEAD	0.	0.
153	164	DEAD	0.	0.

Table 27: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13	V23
			KN/mm	KN/mm
153	190	DEAD	0.	0.
153	189	DEAD	0.	0.
153	163	G1	-6.762E-11	-4.358E-11
153	164	G1	-9.856E-11	-5.785E-11
153	190	G1	-8.527E-11	-2.340E-11
153	189	G1	-4.559E-11	-5.281E-11
153	163	G2	0.00044	-0.00017
153	164	G2	0.00043	-0.00017
153	190	G2	0.00043	-0.00018
153	189	G2	0.00044	-0.00018
153	163	Qm	-0.0027	0.00018
153	164	Qm	-0.00276	0.00018
153	190	Qm	-0.00276	0.00022
153	189	Qm	-0.0027	0.00022
153	163	Qs	1.201E-12	-2.581E-12
153	164	Qs	1.147E-12	-3.474E-12
153	190	Qs	2.552E-13	-2.424E-12
153	189	Qs	3.039E-12	-4.262E-12
153	163	T+	0.	0.
153	164	T+	0.	0.
153	190	T+	0.	0.
153	189	T+	0.	0.
153	163	T-	0.	0.
153	164	T-	0.	0.
153	190	T-	0.	0.
153	189	T-	0.	0.
153	163	W	0.00228	0.00056
153	164	W	0.00216	0.00056
153	190	W	0.00216	0.0004
153	189	W	0.00228	0.0004
153	163	Qm-1	-0.00347	0.00021
153	164	Qm-1	-0.00356	0.00021
153	190	Qm-1	-0.00356	0.0003
153	189	Qm-1	-0.00347	0.0003
153	163	Qm-2	-0.00015	3.794E-05
153	164	Qm-2	-0.00011	3.794E-05
153	190	Qm-2	-0.00011	9.764E-05
153	189	Qm-2	-0.00015	9.764E-05
154	164	DEAD	0.	0.
154	165	DEAD	0.	0.
154	191	DEAD	0.	0.
154	190	DEAD	0.	0.
154	164	G1	-1.254E-10	-4.585E-11
154	165	G1	-6.843E-11	-6.013E-11
154	191	G1	-9.009E-11	-8.022E-12
154	190	G1	-6.843E-11	-3.743E-11
154	164	G2	0.00043	-0.00022
154	165	G2	0.00043	-0.00022
154	191	G2	0.00043	-0.00022
154	190	G2	0.00043	-0.00022
154	164	Qm	-0.0028	0.00091
154	165	Qm	-0.00295	0.00091
154	191	Qm	-0.00295	0.00109
154	190	Qm	-0.0028	0.00109

Table 27: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13	V23
			KN/mm	KN/mm
154	164	Qs	-6.240E-13	-3.434E-12
154	165	Qs	1.068E-12	-4.326E-12
154	191	Qs	1.898E-12	-3.119E-12
154	190	Qs	7.524E-13	-4.956E-12
154	164	T+	0.	0.
154	165	T+	0.	0.
154	191	T+	0.	0.
154	190	T+	0.	0.
154	164	T-	0.	0.
154	165	T-	0.	0.
154	191	T-	0.	0.
154	190	T-	0.	0.
154	164	W	0.0022	0.00052
154	165	W	0.00214	0.00052
154	191	W	0.00214	0.00051
154	190	W	0.0022	0.00051
154	164	Qm-1	-0.00362	0.00112
154	165	Qm-1	-0.00378	0.00112
154	191	Qm-1	-0.00378	0.00139
154	190	Qm-1	-0.00362	0.00139
154	164	Qm-2	-0.00014	0.00023
154	165	Qm-2	-7.967E-05	0.00023
154	191	Qm-2	-7.967E-05	0.00028
154	190	Qm-2	-0.00014	0.00028
155	165	DEAD	0.	0.
155	166	DEAD	0.	0.
155	192	DEAD	0.	0.
155	191	DEAD	0.	0.
155	165	G1	-1.031E-10	3.456E-11
155	166	G1	-1.315E-10	2.028E-11
155	192	G1	-1.182E-10	2.951E-11
155	191	G1	-8.107E-11	1.045E-13
155	165	G2	0.00043	-0.00026
155	166	G2	0.00043	-0.00026
155	192	G2	0.00043	-0.00025
155	191	G2	0.00043	-0.00025
155	165	Qm	-0.00305	0.00167
155	166	Qm	-0.00334	0.00167
155	192	Qm	-0.00334	0.00202
155	191	Qm	-0.00305	0.00202
155	165	Qs	-7.857E-13	-7.622E-13
155	166	Qs	-1.774E-12	-1.439E-12
155	192	Qs	-9.433E-13	-2.969E-12
155	191	Qs	5.906E-13	-4.749E-12
155	165	T+	0.	0.
155	166	T+	0.	0.
155	192	T+	0.	0.
155	191	T+	0.	0.
155	165	T-	0.	0.
155	166	T-	0.	0.
155	192	T-	0.	0.
155	191	T-	0.	0.
155	165	W	0.00212	0.00055
155	166	W	0.0021	0.00055

Table 27: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13	V23
			KN/mm	KN/mm
155	192	W	0.0021	0.00065
155	191	W	0.00212	0.00065
155	165	Qm-1	-0.00393	0.00197
155	166	Qm-1	-0.00466	0.00197
155	192	Qm-1	-0.00466	0.00259
155	191	Qm-1	-0.00393	0.00259
155	165	Qm-2	-0.00013	0.00038
155	166	Qm-2	0.00012	0.00038
155	192	Qm-2	0.00012	0.0006
155	191	Qm-2	-0.00013	0.0006
156	166	DEAD	0.	0.
156	167	DEAD	0.	0.
156	193	DEAD	0.	0.
156	192	DEAD	0.	0.
156	166	G1	-1.418E-10	8.458E-11
156	167	G1	-9.722E-11	1.294E-10
156	193	G1	-1.494E-10	3.918E-11
156	192	G1	-1.023E-10	5.119E-11
156	166	G2	0.00043	-0.00028
156	167	G2	0.00043	-0.00028
156	193	G2	0.00043	-0.00027
156	192	G2	0.00043	-0.00027
156	166	Qm	-0.00354	0.00246
156	167	Qm	-0.00404	0.00246
156	193	Qm	-0.00404	0.0032
156	192	Qm	-0.00354	0.0032
156	166	Qs	-2.584E-13	-8.223E-13
156	167	Qs	9.645E-13	1.977E-12
156	193	Qs	-1.835E-12	-1.453E-12
156	192	Qs	4.916E-13	-7.028E-13
156	166	T+	0.	0.
156	167	T+	0.	0.
156	193	T+	0.	0.
156	192	T+	0.	0.
156	166	T-	0.	0.
156	167	T-	0.	0.
156	193	T-	0.	0.
156	192	T-	0.	0.
156	166	W	0.00206	0.00075
156	167	W	0.00207	0.00075
156	193	W	0.00207	0.00085
156	192	W	0.00206	0.00085
156	166	Qm-1	-0.00507	0.00319
156	167	Qm-1	-0.00489	0.00319
156	193	Qm-1	-0.00489	0.00471
156	192	Qm-1	-0.00507	0.00471
156	166	Qm-2	0.00021	0.00168
156	167	Qm-2	0.0014	0.00168
156	193	Qm-2	0.0014	0.00056
156	192	Qm-2	0.00021	0.00056
157	167	DEAD	0.	0.
157	168	DEAD	0.	0.
157	194	DEAD	0.	0.
157	193	DEAD	0.	0.

Table 27: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13	V23
			KN/mm	KN/mm
157	167	G1	-1.290E-10	-3.259E-11
157	168	G1	-1.449E-10	-6.114E-11
157	194	G1	-9.373E-11	-1.057E-10
157	193	G1	-1.172E-10	-1.645E-10
157	167	G2	0.00043	-0.00028
157	168	G2	0.00042	-0.00028
157	194	G2	0.00042	-0.00028
157	193	G2	0.00043	-0.00028
157	167	Qm	-0.00429	0.00229
157	168	Qm	-0.00474	0.00229
157	194	Qm	-0.00474	0.00298
157	193	Qm	-0.00429	0.00298
157	167	Qs	1.972E-12	-1.993E-12
157	168	Qs	-4.696E-13	-2.055E-12
157	194	Qs	2.760E-12	-2.466E-12
157	193	Qs	1.107E-12	-5.680E-12
157	167	T+	0.	0.
157	168	T+	0.	0.
157	194	T+	0.	0.
157	193	T+	0.	0.
157	167	T-	0.	0.
157	168	T-	0.	0.
157	194	T-	0.	0.
157	193	T-	0.	0.
157	167	W	0.00204	0.0011
157	168	W	0.00208	0.0011
157	194	W	0.00208	0.00112
157	193	W	0.00204	0.00112
157	167	Qm-1	-0.00496	-0.00103
157	168	Qm-1	-0.00536	-0.00103
157	194	Qm-1	-0.00536	-0.0022
157	193	Qm-1	-0.00496	-0.0022
157	167	Qm-2	0.00139	-0.00134
157	168	Qm-2	0.00028	-0.00134
157	194	Qm-2	0.00028	-0.00016
157	193	Qm-2	0.00139	-0.00016
158	168	DEAD	0.	0.
158	169	DEAD	0.	0.
158	195	DEAD	0.	0.
158	194	DEAD	0.	0.
158	168	G1	-8.883E-11	-3.805E-11
158	169	G1	-1.040E-10	6.239E-12
158	195	G1	-1.267E-10	-4.057E-11
158	194	G1	-1.595E-10	-5.429E-11
158	168	G2	0.00043	-0.00027
158	169	G2	0.00042	-0.00027
158	195	G2	0.00042	-0.00028
158	194	G2	0.00043	-0.00028
158	168	Qm	-0.00489	0.00116
158	169	Qm	-0.00502	0.00116
158	195	Qm	-0.00502	0.00134
158	194	Qm	-0.00489	0.00134
158	168	Qs	3.379E-12	-3.168E-12
158	169	Qs	2.429E-12	6.160E-14

Table 27: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13	V23
			KN/mm	KN/mm
158	195	Qs	3.537E-12	-6.478E-12
158	194	Qs	1.484E-12	-5.613E-12
158	168	T+	0.	0.
158	169	T+	0.	0.
158	195	T+	0.	0.
158	194	T+	0.	0.
158	168	T-	0.	0.
158	169	T-	0.	0.
158	195	T-	0.	0.
158	194	T-	0.	0.
158	168	W	0.0021	0.00151
158	169	W	0.00215	0.00151
158	195	W	0.00215	0.00138
158	194	W	0.0021	0.00138
158	168	Qm-1	-0.00509	0.00027
158	169	Qm-1	-0.00455	0.00027
158	195	Qm-1	-0.00455	4.377E-05
158	194	Qm-1	-0.00509	4.377E-05
158	168	Qm-2	0.00016	-2.626E-05
158	169	Qm-2	1.336E-05	-2.626E-05
158	195	Qm-2	1.336E-05	-0.00018
158	194	Qm-2	0.00016	-0.00018
159	169	DEAD	0.	0.
159	170	DEAD	0.	0.
159	196	DEAD	0.	0.
159	195	DEAD	0.	0.
159	169	G1	-1.196E-10	-7.071E-12
159	170	G1	-1.600E-10	-1.396E-11
159	196	G1	-1.221E-10	3.328E-11
159	195	G1	-1.297E-10	3.143E-11
159	169	G2	0.00043	-0.00026
159	170	G2	0.00042	-0.00026
159	196	G2	0.00042	-0.00028
159	195	G2	0.00043	-0.00028
159	169	Qm	-0.00503	5.806E-05
159	170	Qm	-0.00487	5.806E-05
159	196	Qm	-0.00487	-8.897E-05
159	195	Qm	-0.00503	-8.897E-05
159	169	Qs	2.323E-12	-1.837E-12
159	170	Qs	-1.779E-12	-2.052E-12
159	196	Qs	5.891E-13	1.473E-12
159	195	Qs	1.688E-12	1.415E-12
159	169	T+	0.	0.
159	170	T+	0.	0.
159	196	T+	0.	0.
159	195	T+	0.	0.
159	169	T-	0.	0.
159	170	T-	0.	0.
159	196	T-	0.	0.
159	195	T-	0.	0.
159	169	W	0.00222	0.0018
159	170	W	0.00224	0.0018
159	196	W	0.00224	0.00156
159	195	W	0.00222	0.00156

Table 27: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13	V23
			KN/mm	KN/mm
159	169	Qm-1	-0.00458	0.00119
159	170	Qm-1	-0.00505	0.00119
159	196	Qm-1	-0.00505	0.00154
159	195	Qm-1	-0.00458	0.00154
159	169	Qm-2	1.233E-05	0.00013
159	170	Qm-2	0.00024	0.00013
159	196	Qm-2	0.00024	0.00028
159	195	Qm-2	1.233E-05	0.00028
160	170	DEAD	0.	0.
160	171	DEAD	0.	0.
160	197	DEAD	0.	0.
160	196	DEAD	0.	0.
160	170	G1	-1.804E-10	5.086E-11
160	171	G1	-6.347E-11	6.563E-11
160	197	G1	-4.674E-11	3.068E-11
160	196	G1	-1.593E-10	8.580E-11
160	170	G2	0.00043	-0.00025
160	171	G2	0.00042	-0.00025
160	197	G2	0.00042	-0.00027
160	196	G2	0.00043	-0.00027
160	170	Qm	-0.00473	-0.00101
160	171	Qm	-0.00425	-0.00101
160	197	Qm	-0.00425	-0.00166
160	196	Qm	-0.00473	-0.00166
160	170	Qs	-7.994E-13	-1.563E-12
160	171	Qs	1.723E-12	-6.394E-13
160	197	Qs	2.984E-12	-2.351E-12
160	196	Qs	4.616E-13	1.094E-12
160	170	T+	0.	0.
160	171	T+	0.	0.
160	197	T+	0.	0.
160	196	T+	0.	0.
160	170	T-	0.	0.
160	171	T-	0.	0.
160	197	T-	0.	0.
160	196	T-	0.	0.
160	170	W	0.00235	0.00187
160	171	W	0.00235	0.00187
160	197	W	0.00235	0.00161
160	196	W	0.00235	0.00161
160	170	Qm-1	-0.00538	0.00257
160	171	Qm-1	-0.00488	0.00257
160	197	Qm-1	-0.00488	0.00387
160	196	Qm-1	-0.00538	0.00387
160	170	Qm-2	0.00037	0.00145
160	171	Qm-2	0.00156	0.00145
160	197	Qm-2	0.00156	0.00025
160	196	Qm-2	0.00037	0.00025
161	171	DEAD	0.	0.
161	172	DEAD	0.	0.
161	198	DEAD	0.	0.
161	197	DEAD	0.	0.
161	171	G1	-7.527E-11	-1.030E-10
161	172	G1	-8.475E-11	-7.543E-11

Table 27: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13	V23
			KN/mm	KN/mm
161	198	G1	-6.014E-11	-9.795E-11
161	197	G1	-1.074E-10	-9.056E-11
161	171	G2	0.00043	-0.00025
161	172	G2	0.00043	-0.00025
161	198	G2	0.00043	-0.00026
161	197	G2	0.00043	-0.00026
161	171	Qm	-0.00402	-0.00105
161	172	Qm	-0.00347	-0.00105
161	198	Qm	-0.00347	-0.00175
161	197	Qm	-0.00402	-0.00175
161	171	Qs	1.517E-12	-8.791E-13
161	172	Qs	1.229E-12	-1.341E-12
161	198	Qs	2.305E-12	6.971E-13
161	197	Qs	1.229E-12	-1.025E-12
161	171	T+	0.	0.
161	172	T+	0.	0.
161	198	T+	0.	0.
161	197	T+	0.	0.
161	171	T-	0.	0.
161	172	T-	0.	0.
161	198	T-	0.	0.
161	197	T-	0.	0.
161	171	W	0.00242	0.00166
161	172	W	0.00245	0.00166
161	198	W	0.00245	0.00155
161	197	W	0.00242	0.00155
161	171	Qm-1	-0.00488	-0.00148
161	172	Qm-1	-0.00492	-0.00148
161	198	Qm-1	-0.00492	-0.00286
161	197	Qm-1	-0.00488	-0.00286
161	171	Qm-2	0.00158	-0.00158
161	172	Qm-2	0.00047	-0.00158
161	198	Qm-2	0.00047	-0.00051
161	197	Qm-2	0.00158	-0.00051
162	172	DEAD	0.	0.
162	173	DEAD	0.	0.
162	199	DEAD	0.	0.
162	198	DEAD	0.	0.
162	172	G1	-1.032E-10	-5.330E-11
162	173	G1	-9.087E-11	-5.920E-11
162	199	G1	-6.282E-11	-8.357E-11
162	198	G1	-1.363E-10	-3.398E-11
162	172	G2	0.00043	-0.00025
162	173	G2	0.00044	-0.00025
162	199	G2	0.00044	-0.00025
162	198	G2	0.00043	-0.00025
162	172	Qm	-0.0033	-6.353E-05
162	173	Qm	-0.00292	-6.353E-05
162	199	Qm	-0.00292	-0.00037
162	198	Qm	-0.0033	-0.00037
162	172	Qs	-1.916E-12	9.318E-13
162	173	Qs	2.444E-12	8.092E-13
162	199	Qs	1.552E-12	-5.846E-12
162	198	Qs	-7.794E-14	-1.082E-12

Table 27: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13	V23
			KN/mm	KN/mm
162	172	T+	0.	0.
162	173	T+	0.	0.
162	199	T+	0.	0.
162	198	T+	0.	0.
162	172	T-	0.	0.
162	173	T-	0.	0.
162	199	T-	0.	0.
162	198	T-	0.	0.
162	172	W	0.00244	0.00131
162	173	W	0.00253	0.00131
162	199	W	0.00253	0.00145
162	198	W	0.00244	0.00145
162	172	Qm-1	-0.00458	3.529E-05
162	173	Qm-1	-0.00368	3.529E-05
162	199	Qm-1	-0.00368	-0.00047
162	198	Qm-1	-0.00458	-0.00047
162	172	Qm-2	0.0004	-0.00031
162	173	Qm-2	0.00021	-0.00031
162	199	Qm-2	0.00021	-0.0006
162	198	Qm-2	0.0004	-0.0006
163	173	DEAD	0.	0.
163	174	DEAD	0.	0.
163	200	DEAD	0.	0.
163	199	DEAD	0.	0.
163	173	G1	-1.157E-10	1.629E-11
163	174	G1	-9.259E-12	-1.373E-11
163	200	G1	-2.993E-11	-3.667E-11
163	199	G1	-1.101E-10	6.448E-12
163	173	G2	0.00044	-0.00024
163	174	G2	0.00045	-0.00024
163	200	G2	0.00045	-0.00023
163	199	G2	0.00044	-0.00023
163	173	Qm	-0.00285	0.00099
163	174	Qm	-0.00258	0.00099
163	200	Qm	-0.00258	0.00084
163	199	Qm	-0.00285	0.00084
163	173	Qs	9.808E-13	3.243E-14
163	174	Qs	4.491E-12	-2.305E-12
163	200	Qs	3.660E-12	-2.490E-12
163	199	Qs	-3.956E-13	-1.517E-12
163	173	T+	0.	0.
163	174	T+	0.	0.
163	200	T+	0.	0.
163	199	T+	0.	0.
163	173	T-	0.	0.
163	174	T-	0.	0.
163	200	T-	0.	0.
163	199	T-	0.	0.
163	173	W	0.00244	0.0011
163	174	W	0.00255	0.0011
163	200	W	0.00255	0.00137
163	199	W	0.00244	0.00137
163	173	Qm-1	-0.00358	0.00131
163	174	Qm-1	-0.0032	0.00131

Table 27: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13	V23
			KN/mm	KN/mm
163	200	Qm-1	-0.0032	0.00109
163	199	Qm-1	-0.00358	0.00109
163	173	Qm-2	0.00029	-0.00026
163	174	Qm-2	0.00026	-0.00026
163	200	Qm-2	0.00026	-0.0004
163	199	Qm-2	0.00029	-0.0004
164	174	DEAD	0.	0.
164	175	DEAD	0.	0.
164	201	DEAD	0.	0.
164	200	DEAD	0.	0.
164	174	G1	-2.031E-11	6.684E-11
164	175	G1	-6.940E-11	-1.684E-11
164	201	G1	-7.579E-11	7.440E-11
164	200	G1	-4.418E-11	8.186E-13
164	174	G2	0.00044	-0.0002
164	175	G2	0.00045	-0.0002
164	201	G2	0.00045	-0.00019
164	200	G2	0.00044	-0.00019
164	174	Qm	-0.00256	0.00211
164	175	Qm	-0.00236	0.00211
164	201	Qm	-0.00236	0.00205
164	200	Qm	-0.00256	0.00205
164	174	Qs	3.389E-12	1.525E-12
164	175	Qs	4.577E-12	-3.673E-12
164	201	Qs	5.438E-12	-5.240E-13
164	200	Qs	3.158E-12	-3.516E-12
164	174	T+	0.	0.
164	175	T+	0.	0.
164	201	T+	0.	0.
164	200	T+	0.	0.
164	174	T-	0.	0.
164	175	T-	0.	0.
164	201	T-	0.	0.
164	200	T-	0.	0.
164	174	W	0.00244	0.00117
164	175	W	0.00252	0.00117
164	201	W	0.00252	0.00137
164	200	W	0.00244	0.00137
164	174	Qm-1	-0.00315	0.00276
164	175	Qm-1	-0.00281	0.00276
164	201	Qm-1	-0.00281	0.00258
164	200	Qm-1	-0.00315	0.00258
164	174	Qm-2	0.00031	-0.0003
164	175	Qm-2	0.00031	-0.0003
164	201	Qm-2	0.00031	-0.00038
164	200	Qm-2	0.00031	-0.00038
165	175	DEAD	0.	0.
165	176	DEAD	0.	0.
165	202	DEAD	0.	0.
165	201	DEAD	0.	0.
165	175	G1	-7.365E-11	-1.906E-10
165	176	G1	-7.560E-13	-1.975E-10
165	202	G1	9.579E-12	-1.982E-10
165	201	G1	-7.642E-11	-2.000E-10

Table 27: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13	V23
			KN/mm	KN/mm
165	175	G2	0.00045	-0.00015
165	176	G2	0.00046	-0.00015
165	202	G2	0.00046	-0.00015
165	201	G2	0.00045	-0.00015
165	175	Qm	-0.00236	0.00231
165	176	Qm	-0.00221	0.00231
165	202	Qm	-0.00221	0.00231
165	201	Qm	-0.00236	0.00231
165	175	Qs	4.241E-12	-5.761E-13
165	176	Qs	4.844E-12	-7.914E-13
165	202	Qs	3.768E-12	2.120E-13
165	201	Qs	4.529E-12	1.544E-13
165	175	T+	0.	0.
165	176	T+	0.	0.
165	202	T+	0.	0.
165	201	T+	0.	0.
165	175	T-	0.	0.
165	176	T-	0.	0.
165	202	T-	0.	0.
165	201	T-	0.	0.
165	175	W	0.00248	0.00145
165	176	W	0.00246	0.00145
165	202	W	0.00246	0.00144
165	201	W	0.00248	0.00144
165	175	Qm-1	-0.00276	-0.00775
165	176	Qm-1	-0.00254	-0.00775
165	202	Qm-1	-0.00254	-0.00793
165	201	Qm-1	-0.00276	-0.00793
165	175	Qm-2	0.00032	-0.00042
165	176	Qm-2	0.00034	-0.00042
165	202	Qm-2	0.00034	-0.00039
165	201	Qm-2	0.00032	-0.00039
166	176	DEAD	0.	0.
166	177	DEAD	0.	0.
166	203	DEAD	0.	0.
166	202	DEAD	0.	0.
166	176	G1	1.090E-12	-1.729E-10
166	177	G1	-1.884E-11	-1.306E-10
166	203	G1	-6.952E-11	-1.678E-10
166	202	G1	-3.649E-11	-1.053E-10
166	176	G2	0.00046	-9.704E-05
166	177	G2	0.00046	-9.704E-05
166	203	G2	0.00046	-0.00011
166	202	G2	0.00046	-0.00011
166	176	Qm	-0.00223	0.0016
166	177	Qm	-0.00211	0.0016
166	203	Qm	-0.00211	0.00162
166	202	Qm	-0.00223	0.00162
166	176	Qs	2.893E-12	-1.853E-13
166	177	Qs	2.985E-12	1.783E-12
166	203	Qs	-8.904E-13	-8.158E-13
166	202	Qs	3.931E-12	1.311E-12
166	176	T+	0.	0.
166	177	T+	0.	0.

Table 27: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13	V23
			KN/mm	KN/mm
166	203	T+	0.	0.
166	202	T+	0.	0.
166	176	T-	0.	0.
166	177	T-	0.	0.
166	203	T-	0.	0.
166	202	T-	0.	0.
166	176	W	0.00252	0.00171
166	177	W	0.0024	0.00171
166	203	W	0.0024	0.00149
166	202	W	0.00252	0.00149
166	176	Qm-1	-0.00248	-0.00626
166	177	Qm-1	-0.00232	-0.00626
166	203	Qm-1	-0.00232	-0.00645
166	202	Qm-1	-0.00248	-0.00645
166	176	Qm-2	0.00032	-0.00048
166	177	Qm-2	0.00035	-0.00048
166	203	Qm-2	0.00035	-0.00039
166	202	Qm-2	0.00032	-0.00039
167	177	DEAD	0.	0.
167	178	DEAD	0.	0.
167	204	DEAD	0.	0.
167	203	DEAD	0.	0.
167	177	G1	-1.193E-11	-1.211E-10
167	178	G1	2.977E-11	-5.075E-11
167	204	G1	3.198E-12	-1.060E-10
167	203	G1	-5.598E-11	-1.040E-11
167	177	G2	0.00046	-4.257E-05
167	178	G2	0.00046	-4.257E-05
167	204	G2	0.00046	-5.460E-05
167	203	G2	0.00046	-5.460E-05
167	177	Qm	-0.00213	0.00096
167	178	Qm	-0.00204	0.00096
167	204	Qm	-0.00204	0.00098
167	203	Qm	-0.00213	0.00098
167	177	Qs	3.748E-12	-2.938E-12
167	178	Qs	2.314E-12	1.215E-12
167	204	Qs	4.380E-13	8.449E-13
167	203	Qs	1.053E-12	5.155E-12
167	177	T+	0.	0.
167	178	T+	0.	0.
167	204	T+	0.	0.
167	203	T+	0.	0.
167	177	T-	0.	0.
167	178	T-	0.	0.
167	204	T-	0.	0.
167	203	T-	0.	0.
167	177	W	0.00253	0.00174
167	178	W	0.00237	0.00174
167	204	W	0.00237	0.00145
167	203	W	0.00253	0.00145
167	177	Qm-1	-0.00225	-0.00482
167	178	Qm-1	-0.00214	-0.00482
167	204	Qm-1	-0.00214	-0.00499
167	203	Qm-1	-0.00225	-0.00499

Table 27: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13	V23
			KN/mm	KN/mm
167	177	Qm-2	0.00031	-0.00044
167	178	Qm-2	0.00033	-0.00044
167	204	Qm-2	0.00033	-0.00036
167	203	Qm-2	0.00031	-0.00036
168	178	DEAD	0.	0.
168	179	DEAD	0.	0.
168	205	DEAD	0.	0.
168	204	DEAD	0.	0.
168	178	G1	1.638E-11	-8.090E-11
168	179	G1	-4.095E-11	-9.468E-11
168	205	G1	-5.424E-11	-6.325E-11
168	204	G1	-5.643E-12	-6.694E-11
168	178	G2	0.00047	7.521E-06
168	179	G2	0.00047	7.521E-06
168	205	G2	0.00047	1.282E-06
168	204	G2	0.00047	1.282E-06
168	178	Qm	-0.00206	0.00037
168	179	Qm	-0.00199	0.00037
168	205	Qm	-0.00199	0.00039
168	204	Qm	-0.00206	0.00039
168	178	Qs	2.078E-12	1.310E-12
168	179	Qs	2.581E-12	9.100E-13
168	205	Qs	1.290E-12	-5.817E-13
168	204	Qs	2.424E-12	9.100E-13
168	178	T+	0.	0.
168	179	T+	0.	0.
168	205	T+	0.	0.
168	204	T+	0.	0.
168	178	T-	0.	0.
168	179	T-	0.	0.
168	205	T-	0.	0.
168	204	T-	0.	0.
168	178	W	0.00247	0.00145
168	179	W	0.00233	0.00145
168	205	W	0.00233	0.00129
168	204	W	0.00247	0.00129
168	178	Qm-1	-0.00208	-0.00342
168	179	Qm-1	-0.00199	-0.00342
168	205	Qm-1	-0.00199	-0.00356
168	204	Qm-1	-0.00208	-0.00356
168	178	Qm-2	0.0003	-0.00033
168	179	Qm-2	0.0003	-0.00033
168	205	Qm-2	0.0003	-0.00028
168	204	Qm-2	0.0003	-0.00028
169	179	DEAD	0.	0.
169	180	DEAD	0.	0.
169	206	DEAD	0.	0.
169	205	DEAD	0.	0.
169	179	G1	-4.629E-11	1.236E-11
169	180	G1	7.409E-12	1.975E-11
169	206	G1	-2.360E-11	-2.547E-11
169	205	G1	-3.799E-11	2.094E-12
169	179	G2	0.00047	6.006E-05
169	180	G2	0.00048	6.006E-05

Table 27: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13	V23
			KN/mm	KN/mm
169	206	G2	0.00048	6.272E-05
169	205	G2	0.00047	6.272E-05
169	179	Qm	-0.002	-0.00016
169	180	Qm	-0.00194	-0.00016
169	206	Qm	-0.00194	-0.00015
169	205	Qm	-0.002	-0.00015
169	179	Qs	2.151E-12	4.146E-12
169	180	Qs	5.753E-12	2.424E-12
169	206	Qs	2.308E-12	3.043E-12
169	205	Qs	3.074E-12	2.581E-12
169	179	T+	0.	0.
169	180	T+	0.	0.
169	206	T+	0.	0.
169	205	T+	0.	0.
169	179	T-	0.	0.
169	180	T-	0.	0.
169	206	T-	0.	0.
169	205	T-	0.	0.
169	179	W	0.00237	0.00101
169	180	W	0.00226	0.00101
169	206	W	0.00226	0.00107
169	205	W	0.00237	0.00107
169	179	Qm-1	-0.00195	-0.00206
169	180	Qm-1	-0.00188	-0.00206
169	206	Qm-1	-0.00188	-0.00213
169	205	Qm-1	-0.00195	-0.00213
169	179	Qm-2	0.00029	-0.0002
169	180	Qm-2	0.0003	-0.0002
169	206	Qm-2	0.0003	-0.00018
169	205	Qm-2	0.00029	-0.00018
170	180	DEAD	0.	0.
170	181	DEAD	0.	0.
170	207	DEAD	0.	0.
170	206	DEAD	0.	0.
170	180	G1	-4.125E-11	8.736E-12
170	181	G1	-3.159E-11	2.341E-12
170	207	G1	-2.864E-11	8.736E-12
170	206	G1	-1.646E-11	3.260E-11
170	180	G2	0.00047	0.00013
170	181	G2	0.00048	0.00013
170	207	G2	0.00048	0.00013
170	206	G2	0.00047	0.00013
170	180	Qm	-0.00195	-0.00066
170	181	Qm	-0.0019	-0.00066
170	207	Qm	-0.0019	-0.00066
170	206	Qm	-0.00195	-0.00066
170	180	Qs	3.977E-12	2.402E-12
170	181	Qs	2.007E-13	1.541E-12
170	207	Qs	3.031E-12	5.103E-13
170	206	Qs	1.619E-12	2.795E-13
170	180	T+	0.	0.
170	181	T+	0.	0.
170	207	T+	0.	0.
170	206	T+	0.	0.

Table 27: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13	V23
			KN/mm	KN/mm
170	180	T-	0.	0.
170	181	T-	0.	0.
170	207	T-	0.	0.
170	206	T-	0.	0.
170	180	W	0.00222	0.00068
170	181	W	0.00207	0.00068
170	207	W	0.00207	0.00087
170	206	W	0.00222	0.00087
170	180	Qm-1	-0.00186	-0.0007
170	181	Qm-1	-0.0018	-0.0007
170	207	Qm-1	-0.0018	-0.00071
170	206	Qm-1	-0.00186	-0.00071
170	180	Qm-2	0.00029	-6.887E-05
170	181	Qm-2	0.00031	-6.887E-05
170	207	Qm-2	0.00031	-6.144E-05
170	206	Qm-2	0.00029	-6.144E-05
171	181	DEAD	0.	0.
171	182	DEAD	0.	0.
171	208	DEAD	0.	0.
171	207	DEAD	0.	0.
171	181	G1	-3.063E-11	6.067E-11
171	182	G1	-5.105E-11	5.723E-11
171	208	G1	-4.072E-11	7.328E-11
171	207	G1	-3.340E-11	7.236E-11
171	181	G2	0.00048	0.00021
171	182	G2	0.00048	0.00021
171	208	G2	0.00048	0.00021
171	207	G2	0.00048	0.00021
171	181	Qm	-0.0019	-0.00114
171	182	Qm	-0.00186	-0.00114
171	208	Qm	-0.00186	-0.00115
171	207	Qm	-0.0019	-0.00115
171	181	Qs	4.648E-13	2.230E-12
171	182	Qs	1.710E-12	2.014E-12
171	208	Qs	2.356E-12	2.230E-12
171	207	Qs	2.917E-13	2.172E-12
171	181	T+	0.	0.
171	182	T+	0.	0.
171	208	T+	0.	0.
171	207	T+	0.	0.
171	181	T-	0.	0.
171	182	T-	0.	0.
171	208	T-	0.	0.
171	207	T-	0.	0.
171	181	W	0.00202	0.00064
171	182	W	0.00172	0.00064
171	208	W	0.00172	0.00077
171	207	W	0.00202	0.00077
171	181	Qm-1	-0.00182	0.00069
171	182	Qm-1	-0.00177	0.00069
171	208	Qm-1	-0.00177	0.00074
171	207	Qm-1	-0.00182	0.00074
171	181	Qm-2	0.00031	6.100E-05
171	182	Qm-2	0.00035	6.100E-05

Table 27: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13	V23
			KN/mm	KN/mm
171	208	Qm-2	0.00035	5.247E-05
171	207	Qm-2	0.00031	5.247E-05
172	182	DEAD	0.	0.
172	183	DEAD	0.	0.
172	209	DEAD	0.	0.
172	208	DEAD	0.	0.
172	182	G1	-3.800E-11	1.071E-10
172	183	G1	-3.369E-12	1.233E-10
172	209	G1	-3.043E-11	5.161E-11
172	208	G1	-5.633E-11	4.800E-12
172	182	G2	0.00048	0.00032
172	183	G2	0.00046	0.00032
172	209	G2	0.00046	0.0003
172	208	G2	0.00048	0.0003
172	182	Qm	-0.00185	-0.00159
172	183	Qm	-0.00181	-0.00159
172	209	Qm	-0.00181	-0.00162
172	208	Qm	-0.00185	-0.00162
172	182	Qs	1.113E-12	4.873E-12
172	183	Qs	1.813E-12	4.166E-12
172	209	Qs	7.979E-13	1.406E-12
172	208	Qs	-1.813E-12	-1.982E-12
172	182	T+	0.	0.
172	183	T+	0.	0.
172	209	T+	0.	0.
172	208	T+	0.	0.
172	182	T-	0.	0.
172	183	T-	0.	0.
172	209	T-	0.	0.
172	208	T-	0.	0.
172	182	W	0.00172	0.0008
172	183	W	0.00113	0.0008
172	209	W	0.00113	0.00084
172	208	W	0.00172	0.00084
172	182	Qm-1	-0.0018	0.00214
172	183	Qm-1	-0.00176	0.00214
172	209	Qm-1	-0.00176	0.00223
172	208	Qm-1	-0.0018	0.00223
172	182	Qm-2	0.00036	0.00019
172	183	Qm-2	0.00041	0.00019
172	209	Qm-2	0.00041	0.00015
172	208	Qm-2	0.00036	0.00015
173	183	DEAD	0.	0.
173	184	DEAD	0.	0.
173	210	DEAD	0.	0.
173	209	DEAD	0.	0.
173	183	G1	-5.169E-11	1.013E-10
173	184	G1	-6.793E-11	9.786E-11
173	210	G1	-5.169E-11	1.215E-10
173	209	G1	-4.877E-12	1.206E-10
173	183	G2	0.00047	0.00043
173	184	G2	0.00042	0.00043
173	210	G2	0.00042	0.0004
173	209	G2	0.00047	0.0004

Table 27: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13	V23
			KN/mm	KN/mm
173	183	Qm	-0.0018	-0.00203
173	184	Qm	-0.00177	-0.00203
173	210	Qm	-0.00177	-0.00207
173	209	Qm	-0.0018	-0.00207
173	183	Qs	1.714E-12	3.243E-12
173	184	Qs	4.949E-13	2.351E-12
173	210	Qs	9.255E-13	3.400E-12
173	209	Qs	1.598E-12	1.563E-12
173	183	T+	0.	0.
173	184	T+	0.	0.
173	210	T+	0.	0.
173	209	T+	0.	0.
173	183	T-	0.	0.
173	184	T-	0.	0.
173	210	T-	0.	0.
173	209	T-	0.	0.
173	183	W	0.0012	0.00119
173	184	W	6.296E-05	0.00119
173	210	W	6.296E-05	0.0011
173	209	W	0.0012	0.0011
173	183	Qm-1	-0.00181	0.00367
173	184	Qm-1	-0.00178	0.00367
173	210	Qm-1	-0.00178	0.00379
173	209	Qm-1	-0.00181	0.00379
173	183	Qm-2	0.00043	0.00029
173	184	Qm-2	0.00047	0.00029
173	210	Qm-2	0.00047	0.00022
173	209	Qm-2	0.00043	0.00022
174	184	DEAD	0.	0.
174	185	DEAD	0.	0.
174	211	DEAD	0.	0.
174	210	DEAD	0.	0.
174	184	G1	-5.311E-11	1.439E-10
174	185	G1	-5.723E-11	1.271E-10
174	211	G1	-8.085E-11	1.968E-10
174	210	G1	-7.236E-11	2.179E-10
174	184	G2	0.00044	0.00055
174	185	G2	0.00031	0.00055
174	211	G2	0.00031	0.00051
174	210	G2	0.00044	0.00051
174	184	Qm	-0.00175	-0.00247
174	185	Qm	-0.00173	-0.00247
174	211	Qm	-0.00173	-0.00252
174	210	Qm	-0.00175	-0.00252
174	184	Qs	-1.268E-12	2.716E-12
174	185	Qs	1.289E-12	-5.268E-14
174	211	Qs	-2.372E-12	4.292E-12
174	210	Qs	-2.876E-13	5.149E-12
174	184	T+	0.	0.
174	185	T+	0.	0.
174	211	T+	0.	0.
174	210	T+	0.	0.
174	184	T-	0.	0.
174	185	T-	0.	0.

Table 27: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13	V23
			KN/mm	KN/mm
174	211	T-	0.	0.
174	210	T-	0.	0.
174	184	W	4.413E-05	0.00123
174	185	W	-0.00342	0.00123
174	211	W	-0.00342	0.00211
174	210	W	4.413E-05	0.00211
174	184	Qm-1	-0.00183	0.00531
174	185	Qm-1	-0.00181	0.00531
174	211	Qm-1	-0.00181	0.00541
174	210	Qm-1	-0.00183	0.00541
174	184	Qm-2	0.0005	0.00032
174	185	Qm-2	0.00053	0.00032
174	211	Qm-2	0.00053	0.00024
174	210	Qm-2	0.0005	0.00024
175	185	DEAD	0.	0.
175	186	DEAD	0.	0.
175	212	DEAD	0.	0.
175	211	DEAD	0.	0.
175	185	G1	-9.907E-11	2.359E-10
175	186	G1	5.379E-11	2.113E-10
175	212	G1	-5.762E-12	2.737E-10
175	211	G1	-3.195E-11	2.415E-10
175	185	G2	0.00031	0.00059
175	186	G2	9.248E-05	0.00059
175	212	G2	9.248E-05	0.00074
175	211	G2	0.00031	0.00074
175	185	Qm	-0.00171	-0.00292
175	186	Qm	-0.0017	-0.00292
175	212	Qm	-0.0017	-0.00297
175	211	Qm	-0.00171	-0.00297
175	185	Qs	-1.643E-12	4.133E-12
175	186	Qs	4.870E-12	4.318E-12
175	212	Qs	1.825E-12	9.335E-12
175	211	Qs	7.720E-13	7.786E-12
175	185	T+	0.	0.
175	186	T+	0.	0.
175	212	T+	0.	0.
175	211	T+	0.	0.
175	185	T-	0.	0.
175	186	T-	0.	0.
175	212	T-	0.	0.
175	211	T-	0.	0.
175	185	W	-0.00665	-0.00718
175	186	W	-0.00052	-0.00718
175	212	W	-0.00052	0.01354
175	211	W	-0.00665	0.01354
175	185	Qm-1	-0.00184	0.00705
175	186	Qm-1	-0.00185	0.00705
175	212	Qm-1	-0.00185	0.00711
175	211	Qm-1	-0.00184	0.00711
175	185	Qm-2	0.00055	0.00024
175	186	Qm-2	0.0006	0.00024
175	212	Qm-2	0.0006	0.00022
175	211	Qm-2	0.00055	0.00022

Table 27: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13	V23
			KN/mm	KN/mm
176	186	DEAD	0.	0.
176	187	DEAD	0.	0.
176	213	DEAD	0.	0.
176	212	DEAD	0.	0.
176	186	G1	2.653E-11	1.357E-11
176	187	G1	-3.550E-12	4.753E-11
176	213	G1	-1.634E-11	-3.687E-11
176	212	G1	-2.120E-11	-5.335E-11
176	186	G2	1.456E-05	0.00044
176	187	G2	0.0001	0.00044
176	213	G2	0.0001	0.00066
176	212	G2	1.456E-05	0.00066
176	186	Qm	-0.00168	-0.00237
176	187	Qm	-0.00167	-0.00237
176	213	Qm	-0.00167	-0.00241
176	212	Qm	-0.00168	-0.00241
176	186	Qs	4.373E-12	3.980E-12
176	187	Qs	1.243E-12	6.071E-12
176	213	Qs	9.053E-13	3.665E-12
176	212	Qs	-3.331E-13	1.027E-12
176	186	T+	0.	0.
176	187	T+	0.	0.
176	213	T+	0.	0.
176	212	T+	0.	0.
176	186	T-	0.	0.
176	187	T-	0.	0.
176	213	T-	0.	0.
176	212	T-	0.	0.
176	186	W	0.00295	0.00606
176	187	W	0.01796	0.00606
176	213	W	0.01796	-0.07478
176	212	W	0.00295	-0.07478
176	186	Qm-1	-0.00185	-0.00313
176	187	Qm-1	-0.00189	-0.00313
176	213	Qm-1	-0.00189	-0.00316
176	212	Qm-1	-0.00185	-0.00316
176	186	Qm-2	0.00059	9.980E-05
176	187	Qm-2	0.00065	9.980E-05
176	213	Qm-2	0.00065	0.00017
176	212	Qm-2	0.00059	0.00017
177	187	DEAD	0.	0.
177	188	DEAD	0.	0.
177	214	DEAD	0.	0.
177	213	DEAD	0.	0.
177	187	G1	-3.855E-11	2.502E-11
177	188	G1	-4.168E-11	8.789E-12
177	214	G1	-6.629E-11	-2.794E-11
177	213	G1	-6.371E-12	1.888E-11
177	187	G2	0.00011	0.00031
177	188	G2	-0.00026	0.00031
177	214	G2	-0.00026	6.932E-05
177	213	G2	0.00011	6.932E-05
177	187	Qm	-0.00166	-0.00083
177	188	Qm	-0.00166	-0.00083

Table 27: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13	V23
			KN/mm	KN/mm
177	214	Qm	-0.00166	-0.00085
177	213	Qm	-0.00166	-0.00085
177	187	Qs	2.721E-13	3.465E-12
177	188	Qs	-1.016E-12	5.127E-13
177	214	Qs	-2.092E-12	-1.736E-12
177	213	Qs	5.606E-13	6.703E-13
177	187	T+	0.	0.
177	188	T+	0.	0.
177	214	T+	0.	0.
177	213	T+	0.	0.
177	187	T-	0.	0.
177	188	T-	0.	0.
177	214	T-	0.	0.
177	213	T-	0.	0.
177	187	W	-0.01203	0.00177
177	188	W	0.00645	0.00177
177	214	W	0.00645	-0.06066
177	213	W	-0.01203	-0.06066
177	187	Qm-1	-0.00186	-0.0013
177	188	Qm-1	-0.00192	-0.0013
177	214	Qm-1	-0.00192	-0.0014
177	213	Qm-1	-0.00186	-0.0014
177	187	Qm-2	0.0006	-2.486E-05
177	188	Qm-2	0.00069	-2.486E-05
177	214	Qm-2	0.00069	0.00012
177	213	Qm-2	0.0006	0.00012
178	189	DEAD	0.	0.
178	190	DEAD	0.	0.
178	216	DEAD	0.	0.
178	215	DEAD	0.	0.
178	189	G1	-6.810E-11	-6.227E-11
178	190	G1	-1.115E-10	-2.438E-11
178	216	G1	-7.314E-11	-6.732E-11
178	215	G1	-1.040E-10	-5.716E-11
178	189	G2	0.00036	-0.00018
178	190	G2	0.00036	-0.00018
178	216	G2	0.00036	-0.00018
178	215	G2	0.00036	-0.00018
178	189	Qm	-0.00258	0.00023
178	190	Qm	-0.00261	0.00023
178	216	Qm	-0.00261	0.0003
178	215	Qm	-0.00258	0.0003
178	189	Qs	-1.497E-12	-4.648E-12
178	190	Qs	-1.302E-12	-2.064E-12
178	216	Qs	1.497E-12	-5.909E-12
178	215	Qs	-2.247E-12	-5.216E-12
178	189	T+	0.	0.
178	190	T+	0.	0.
178	216	T+	0.	0.
178	215	T+	0.	0.
178	189	T-	0.	0.
178	190	T-	0.	0.
178	216	T-	0.	0.
178	215	T-	0.	0.

Table 27: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13	V23
			KN/mm	KN/mm
178	189	W	0.0024	0.00043
178	190	W	0.00234	0.00043
178	216	W	0.00234	0.00034
178	215	W	0.0024	0.00034
178	189	Qm-1	-0.00327	0.00031
178	190	Qm-1	-0.00329	0.00031
178	216	Qm-1	-0.00329	0.00044
178	215	Qm-1	-0.00327	0.00044
178	189	Qm-2	-0.00015	7.535E-05
178	190	Qm-2	-9.190E-05	7.535E-05
178	216	Qm-2	-9.190E-05	0.00015
178	215	Qm-2	-0.00015	0.00015
179	190	DEAD	0.	0.
179	191	DEAD	0.	0.
179	217	DEAD	0.	0.
179	216	DEAD	0.	0.
179	190	G1	-1.660E-10	-3.195E-11
179	191	G1	-1.375E-10	-2.999E-11
179	217	G1	-1.281E-10	5.379E-11
179	216	G1	-1.173E-10	-2.243E-11
179	190	G2	0.00036	-0.00022
179	191	G2	0.00036	-0.00022
179	217	G2	0.00036	-0.00022
179	216	G2	0.00036	-0.00022
179	190	Qm	-0.00266	0.00113
179	191	Qm	-0.00275	0.00113
179	217	Qm	-0.00275	0.00132
179	216	Qm	-0.00266	0.00132
179	190	Qs	-4.683E-12	-3.682E-12
179	191	Qs	-2.272E-12	-3.990E-12
179	217	Qs	-1.688E-12	-6.867E-13
179	216	Qs	-1.641E-12	-5.566E-12
179	190	T+	0.	0.
179	191	T+	0.	0.
179	217	T+	0.	0.
179	216	T+	0.	0.
179	190	T-	0.	0.
179	191	T-	0.	0.
179	217	T-	0.	0.
179	216	T-	0.	0.
179	190	W	0.00237	0.00054
179	191	W	0.00234	0.00054
179	217	W	0.00234	0.00051
179	216	W	0.00237	0.00051
179	190	Qm-1	-0.00338	0.00143
179	191	Qm-1	-0.00348	0.00143
179	217	Qm-1	-0.00348	0.00174
179	216	Qm-1	-0.00338	0.00174
179	190	Qm-2	-0.00013	0.00024
179	191	Qm-2	-1.151E-05	0.00024
179	217	Qm-2	-1.151E-05	0.0003
179	216	Qm-2	-0.00013	0.0003
180	191	DEAD	0.	0.
180	192	DEAD	0.	0.

Table 27: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13	V23
			KN/mm	KN/mm
180	218	DEAD	0.	0.
180	217	DEAD	0.	0.
180	191	G1	-8.063E-11	-9.996E-13
180	192	G1	-1.199E-10	6.385E-12
180	218	G1	-1.159E-10	5.196E-11
180	217	G1	-1.073E-10	7.952E-11
180	191	G2	0.00036	-0.00025
180	192	G2	0.00036	-0.00025
180	218	G2	0.00036	-0.00025
180	217	G2	0.00036	-0.00025
180	191	Qm	-0.00286	0.00209
180	192	Qm	-0.003	0.00209
180	218	Qm	-0.003	0.00244
180	217	Qm	-0.00286	0.00244
180	191	Qs	1.544E-13	-4.146E-12
180	192	Qs	6.849E-13	-3.685E-12
180	218	Qs	-7.914E-13	-3.043E-12
180	217	Qs	-1.049E-12	-1.320E-12
180	191	T+	0.	0.
180	192	T+	0.	0.
180	218	T+	0.	0.
180	217	T+	0.	0.
180	191	T-	0.	0.
180	192	T-	0.	0.
180	218	T-	0.	0.
180	217	T-	0.	0.
180	191	W	0.00234	0.00065
180	192	W	0.00234	0.00065
180	218	W	0.00234	0.00068
180	217	W	0.00234	0.00068
180	191	Qm-1	-0.00366	0.00266
180	192	Qm-1	-0.00368	0.00266
180	218	Qm-1	-0.00368	0.00325
180	217	Qm-1	-0.00366	0.00325
180	191	Qm-2	-2.293E-05	0.00049
180	192	Qm-2	0.00018	0.00049
180	218	Qm-2	0.00018	0.00038
180	217	Qm-2	-2.293E-05	0.00038
181	192	DEAD	0.	0.
181	193	DEAD	0.	0.
181	219	DEAD	0.	0.
181	218	DEAD	0.	0.
181	192	G1	-1.267E-10	4.721E-11
181	193	G1	-9.862E-11	6.443E-11
181	219	G1	-1.267E-10	1.304E-10
181	218	G1	-9.358E-11	1.350E-10
181	192	G2	0.00036	-0.00027
181	193	G2	0.00036	-0.00027
181	219	G2	0.00036	-0.00027
181	218	G2	0.00036	-0.00027
181	192	Qm	-0.00317	0.00327
181	193	Qm	-0.00328	0.00327
181	219	Qm	-0.00328	0.00378
181	218	Qm	-0.00317	0.00378

Table 27: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13	V23
			KN/mm	KN/mm
181	192	Qs	-6.915E-13	-9.427E-14
181	193	Qs	1.320E-12	-7.402E-13
181	219	Qs	-2.186E-13	-7.248E-13
181	218	Qs	1.320E-12	-8.978E-13
181	192	T+	0.	0.
181	193	T+	0.	0.
181	219	T+	0.	0.
181	218	T+	0.	0.
181	192	T-	0.	0.
181	193	T-	0.	0.
181	219	T-	0.	0.
181	218	T-	0.	0.
181	192	W	0.00233	0.00084
181	193	W	0.00235	0.00084
181	219	W	0.00235	0.00087
181	218	W	0.00233	0.00087
181	192	Qm-1	-0.0039	0.00464
181	193	Qm-1	-0.00385	0.00464
181	219	Qm-1	-0.00385	0.00501
181	218	Qm-1	-0.0039	0.00501
181	192	Qm-2	0.00024	0.00043
181	193	Qm-2	0.00012	0.00043
181	219	Qm-2	0.00012	0.00025
181	218	Qm-2	0.00024	0.00025
182	193	DEAD	0.	0.
182	194	DEAD	0.	0.
182	220	DEAD	0.	0.
182	219	DEAD	0.	0.
182	193	G1	-1.261E-10	-1.551E-10
182	194	G1	-1.210E-10	-1.688E-10
182	220	G1	-8.068E-11	-1.172E-10
182	219	G1	-8.573E-11	-1.209E-10
182	193	G2	0.00036	-0.00028
182	194	G2	0.00036	-0.00028
182	220	G2	0.00036	-0.00028
182	219	G2	0.00036	-0.00028
182	193	Qm	-0.00348	0.00304
182	194	Qm	-0.00355	0.00304
182	220	Qm	-0.00355	0.00349
182	219	Qm	-0.00348	0.00349
182	193	Qs	2.421E-13	-5.368E-12
182	194	Qs	-2.164E-12	-6.014E-12
182	220	Qs	-1.334E-12	-3.004E-12
182	219	Qs	1.618E-12	-3.177E-12
182	193	T+	0.	0.
182	194	T+	0.	0.
182	220	T+	0.	0.
182	219	T+	0.	0.
182	193	T-	0.	0.
182	194	T-	0.	0.
182	220	T-	0.	0.
182	219	T-	0.	0.
182	193	W	0.00234	0.0011
182	194	W	0.00237	0.0011

Table 27: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13	V23
			KN/mm	KN/mm
182	220	W	0.00237	0.00108
182	219	W	0.00234	0.00108
182	193	Qm-1	-0.00392	-0.00208
182	194	Qm-1	-0.00408	-0.00208
182	220	Qm-1	-0.00408	-0.0021
182	219	Qm-1	-0.00392	-0.0021
182	193	Qm-2	9.825E-05	-7.490E-05
182	194	Qm-2	0.00033	-7.490E-05
182	220	Qm-2	0.00033	0.00017
182	219	Qm-2	9.825E-05	0.00017
183	194	DEAD	0.	0.
183	195	DEAD	0.	0.
183	221	DEAD	0.	0.
183	220	DEAD	0.	0.
183	194	G1	-1.200E-10	-3.917E-11
183	195	G1	2.162E-11	-4.606E-11
183	221	G1	-2.416E-11	-4.674E-11
183	220	G1	-5.656E-11	-4.858E-11
183	194	G2	0.00036	-0.00028
183	195	G2	0.00035	-0.00028
183	221	G2	0.00035	-0.00029
183	220	G2	0.00036	-0.00029
183	194	Qm	-0.00368	0.00136
183	195	Qm	-0.00371	0.00136
183	221	Qm	-0.00371	0.00154
183	220	Qm	-0.00368	0.00154
183	194	Qs	2.203E-13	-5.447E-12
183	195	Qs	6.068E-12	-6.308E-12
183	221	Qs	5.422E-12	-2.925E-12
183	220	Qs	3.934E-13	-3.156E-12
183	194	T+	0.	0.
183	195	T+	0.	0.
183	221	T+	0.	0.
183	220	T+	0.	0.
183	194	T-	0.	0.
183	195	T-	0.	0.
183	221	T-	0.	0.
183	220	T-	0.	0.
183	194	W	0.00239	0.00137
183	195	W	0.0024	0.00137
183	221	W	0.0024	0.00127
183	220	W	0.00239	0.00127
183	194	Qm-1	-0.00402	6.268E-06
183	195	Qm-1	-0.00409	6.268E-06
183	221	Qm-1	-0.00409	-0.00016
183	220	Qm-1	-0.00402	-0.00016
183	194	Qm-2	0.00023	-0.00014
183	195	Qm-2	0.00019	-0.00014
183	221	Qm-2	0.00019	2.983E-05
183	220	Qm-2	0.00023	2.983E-05
184	195	DEAD	0.	0.
184	196	DEAD	0.	0.
184	222	DEAD	0.	0.
184	221	DEAD	0.	0.

Table 27: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13	V23
			KN/mm	KN/mm
184	195	G1	1.447E-11	-3.588E-12
184	196	G1	-8.893E-11	-4.083E-12
184	222	G1	-1.091E-10	6.500E-12
184	221	G1	-5.709E-12	-1.921E-11
184	195	G2	0.00036	-0.00027
184	196	G2	0.00035	-0.00027
184	222	G2	0.00035	-0.00028
184	221	G2	0.00036	-0.00028
184	195	Qm	-0.00372	-0.00013
184	196	Qm	-0.00364	-0.00013
184	222	Qm	-0.00364	-0.00027
184	221	Qm	-0.00372	-0.00027
184	195	Qs	5.674E-12	-2.009E-12
184	196	Qs	7.566E-13	-1.578E-12
184	222	Qs	7.875E-13	-3.270E-12
184	221	Qs	4.067E-12	-3.154E-12
184	195	T+	0.	0.
184	196	T+	0.	0.
184	222	T+	0.	0.
184	221	T+	0.	0.
184	195	T-	0.	0.
184	196	T-	0.	0.
184	222	T-	0.	0.
184	221	T-	0.	0.
184	195	W	0.00245	0.00157
184	196	W	0.00245	0.00157
184	222	W	0.00245	0.00141
184	221	W	0.00245	0.00141
184	195	Qm-1	-0.00412	0.00153
184	196	Qm-1	-0.00394	0.00153
184	222	Qm-1	-0.00394	0.00181
184	221	Qm-1	-0.00412	0.00181
184	195	Qm-2	0.00019	0.00021
184	196	Qm-2	0.0003	0.00021
184	222	Qm-2	0.0003	1.835E-05
184	221	Qm-2	0.00019	1.835E-05
185	196	DEAD	0.	0.
185	197	DEAD	0.	0.
185	223	DEAD	0.	0.
185	222	DEAD	0.	0.
185	196	G1	-8.032E-11	1.157E-10
185	197	G1	-8.610E-11	1.344E-10
185	223	G1	-5.510E-11	9.548E-11
185	222	G1	-8.862E-11	1.772E-10
185	196	G2	0.00036	-0.00027
185	197	G2	0.00036	-0.00027
185	223	G2	0.00036	-0.00028
185	222	G2	0.00036	-0.00028
185	196	Qm	-0.00353	-0.00174
185	197	Qm	-0.0034	-0.00174
185	223	Qm	-0.0034	-0.00215
185	222	Qm	-0.00353	-0.00215
185	196	Qs	7.589E-13	2.808E-12
185	197	Qs	2.797E-12	3.301E-12

Table 27: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13	V23
			KN/mm	KN/mm
185	223	Qs	2.335E-12	2.861E-13
185	222	Qs	2.481E-12	3.616E-12
185	196	T+	0.	0.
185	197	T+	0.	0.
185	223	T+	0.	0.
185	222	T+	0.	0.
185	196	T-	0.	0.
185	197	T-	0.	0.
185	223	T-	0.	0.
185	222	T-	0.	0.
185	196	W	0.00251	0.00163
185	197	W	0.0025	0.00163
185	223	W	0.0025	0.00148
185	222	W	0.00251	0.00148
185	196	Qm-1	-0.00406	0.0037
185	197	Qm-1	-0.00378	0.0037
185	223	Qm-1	-0.00378	0.00383
185	222	Qm-1	-0.00406	0.00383
185	196	Qm-2	0.0004	0.00013
185	197	Qm-2	0.00024	0.00013
185	223	Qm-2	0.00024	-0.00014
185	222	Qm-2	0.0004	-0.00014
186	197	DEAD	0.	0.
186	198	DEAD	0.	0.
186	224	DEAD	0.	0.
186	223	DEAD	0.	0.
186	197	G1	-2.612E-11	-1.342E-10
186	198	G1	-8.266E-11	-1.352E-10
186	224	G1	-4.377E-11	-7.113E-11
186	223	G1	-8.770E-11	-1.226E-10
186	197	G2	0.00036	-0.00026
186	198	G2	0.00036	-0.00026
186	224	G2	0.00036	-0.00027
186	223	G2	0.00036	-0.00027
186	197	Qm	-0.00323	-0.00185
186	198	Qm	-0.00304	-0.00185
186	224	Qm	-0.00304	-0.00232
186	223	Qm	-0.00323	-0.00232
186	197	Qs	5.217E-12	-1.613E-12
186	198	Qs	1.537E-12	-2.720E-12
186	224	Qs	4.429E-12	1.067E-12
186	223	Qs	-3.542E-13	-8.288E-13
186	197	T+	0.	0.
186	198	T+	0.	0.
186	224	T+	0.	0.
186	223	T+	0.	0.
186	197	T-	0.	0.
186	198	T-	0.	0.
186	224	T-	0.	0.
186	223	T-	0.	0.
186	197	W	0.00255	0.00155
186	198	W	0.00257	0.00155
186	224	W	0.00257	0.00149
186	223	W	0.00255	0.00149

Table 27: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13	V23
			KN/mm	KN/mm
186	197	Qm-1	-0.00376	-0.00286
186	198	Qm-1	-0.00367	-0.00286
186	224	Qm-1	-0.00367	-0.00312
186	223	Qm-1	-0.00376	-0.00312
186	197	Qm-2	0.00027	-0.0004
186	198	Qm-2	0.00044	-0.0004
186	224	Qm-2	0.00044	-0.00026
186	223	Qm-2	0.00027	-0.00026
187	198	DEAD	0.	0.
187	199	DEAD	0.	0.
187	225	DEAD	0.	0.
187	224	DEAD	0.	0.
187	198	G1	-4.392E-11	-9.031E-11
187	199	G1	-5.659E-11	-9.720E-11
187	225	G1	-1.870E-11	-6.257E-11
187	224	G1	-5.407E-11	-6.442E-11
187	198	G2	0.00036	-0.00025
187	199	G2	0.00037	-0.00025
187	225	G2	0.00037	-0.00025
187	224	G2	0.00036	-0.00025
187	198	Qm	-0.00289	-0.00047
187	199	Qm	-0.00265	-0.00047
187	225	Qm	-0.00265	-0.00079
187	224	Qm	-0.00289	-0.00079
187	198	Qs	3.715E-12	-4.864E-12
187	199	Qs	-8.359E-14	-5.294E-12
187	225	Qs	5.624E-13	4.955E-13
187	224	Qs	3.542E-12	3.801E-13
187	198	T+	0.	0.
187	199	T+	0.	0.
187	225	T+	0.	0.
187	224	T+	0.	0.
187	198	T-	0.	0.
187	199	T-	0.	0.
187	225	T-	0.	0.
187	224	T-	0.	0.
187	198	W	0.00257	0.00141
187	199	W	0.00263	0.00141
187	225	W	0.00263	0.00146
187	224	W	0.00257	0.00146
187	198	Qm-1	-0.00351	-0.00062
187	199	Qm-1	-0.0033	-0.00062
187	225	Qm-1	-0.0033	-0.00113
187	224	Qm-1	-0.00351	-0.00113
187	198	Qm-2	0.0004	-0.00052
187	199	Qm-2	0.00024	-0.00052
187	225	Qm-2	0.00024	-0.00046
187	224	Qm-2	0.0004	-0.00046
188	199	DEAD	0.	0.
188	200	DEAD	0.	0.
188	226	DEAD	0.	0.
188	225	DEAD	0.	0.
188	199	G1	9.137E-12	-2.051E-11
188	200	G1	-6.904E-11	2.613E-12

Table 27: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13	V23
			KN/mm	KN/mm
188	226	G1	-8.922E-11	2.488E-11
188	225	G1	-1.104E-11	-2.009E-11
188	199	G2	0.00037	-0.00023
188	200	G2	0.00037	-0.00023
188	226	G2	0.00037	-0.00023
188	225	G2	0.00037	-0.00023
188	199	Qm	-0.00257	0.00075
188	200	Qm	-0.00235	0.00075
188	226	Qm	-0.00235	0.00058
188	225	Qm	-0.00257	0.00058
188	199	Qs	1.155E-12	-2.444E-12
188	200	Qs	1.320E-12	-2.909E-13
188	226	Qs	-2.156E-12	7.794E-14
188	225	Qs	3.685E-12	6.549E-13
188	199	T+	0.	0.
188	200	T+	0.	0.
188	226	T+	0.	0.
188	225	T+	0.	0.
188	199	T-	0.	0.
188	200	T-	0.	0.
188	226	T-	0.	0.
188	225	T-	0.	0.
188	199	W	0.00259	0.00131
188	200	W	0.00267	0.00131
188	226	W	0.00267	0.00144
188	225	W	0.00259	0.00144
188	199	Qm-1	-0.00316	0.00095
188	200	Qm-1	-0.00285	0.00095
188	226	Qm-1	-0.00285	0.00067
188	225	Qm-1	-0.00316	0.00067
188	199	Qm-2	0.00027	-0.00037
188	200	Qm-2	0.00018	-0.00037
188	226	Qm-2	0.00018	-0.00047
188	225	Qm-2	0.00027	-0.00047
189	200	DEAD	0.	0.
189	201	DEAD	0.	0.
189	227	DEAD	0.	0.
189	226	DEAD	0.	0.
189	200	G1	-3.898E-11	-2.223E-11
189	201	G1	-5.485E-11	4.667E-11
189	227	G1	-4.402E-11	-2.727E-11
189	226	G1	-6.746E-11	-8.813E-12
189	200	G2	0.00037	-0.0002
189	201	G2	0.00038	-0.0002
189	227	G2	0.00038	-0.0002
189	226	G2	0.00037	-0.0002
189	200	Qm	-0.00232	0.00198
189	201	Qm	-0.00213	0.00198
189	227	Qm	-0.00213	0.0019
189	226	Qm	-0.00232	0.0019
189	200	Qs	3.657E-12	-4.267E-12
189	201	Qs	-7.914E-13	-2.729E-12
189	227	Qs	3.470E-13	-2.376E-12
189	226	Qs	1.544E-13	-3.649E-13

Table 27: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13	V23
			KN/mm	KN/mm
189	200	T+	0.	0.
189	201	T+	0.	0.
189	227	T+	0.	0.
189	226	T+	0.	0.
189	200	T-	0.	0.
189	201	T-	0.	0.
189	227	T-	0.	0.
189	226	T-	0.	0.
189	200	W	0.00262	0.00134
189	201	W	0.00267	0.00134
189	227	W	0.00267	0.00143
189	226	W	0.00262	0.00143
189	200	Qm-1	-0.00278	0.00248
189	201	Qm-1	-0.00252	0.00248
189	227	Qm-1	-0.00252	0.00228
189	226	Qm-1	-0.00278	0.00228
189	200	Qm-2	0.00022	-0.00037
189	201	Qm-2	0.0002	-0.00037
189	227	Qm-2	0.0002	-0.00043
189	226	Qm-2	0.00022	-0.00043
190	201	DEAD	0.	0.
190	202	DEAD	0.	0.
190	228	DEAD	0.	0.
190	227	DEAD	0.	0.
190	201	G1	-2.484E-12	-1.658E-10
190	202	G1	-4.045E-11	-2.052E-10
190	228	G1	-2.518E-11	-1.356E-10
190	227	G1	-8.332E-11	-2.229E-10
190	201	G2	0.00038	-0.00016
190	202	G2	0.00038	-0.00016
190	228	G2	0.00038	-0.00016
190	227	G2	0.00038	-0.00016
190	201	Qm	-0.00212	0.00225
190	202	Qm	-0.00197	0.00225
190	228	Qm	-0.00197	0.00222
190	227	Qm	-0.00212	0.00222
190	201	Qs	4.122E-12	1.495E-12
190	202	Qs	-4.142E-15	1.649E-12
190	228	Qs	2.703E-12	2.340E-13
190	227	Qs	-2.999E-12	-2.923E-12
190	201	T+	0.	0.
190	202	T+	0.	0.
190	228	T+	0.	0.
190	227	T+	0.	0.
190	201	T-	0.	0.
190	202	T-	0.	0.
190	228	T-	0.	0.
190	227	T-	0.	0.
190	201	W	0.00265	0.00145
190	202	W	0.00264	0.00145
190	228	W	0.00264	0.00144
190	227	W	0.00265	0.00144
190	201	Qm-1	-0.00246	-0.00801
190	202	Qm-1	-0.00226	-0.00801

Table 27: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13	V23
			KN/mm	KN/mm
190	228	Qm-1	-0.00226	-0.00817
190	227	Qm-1	-0.00246	-0.00817
190	201	Qm-2	0.00021	-0.0004
190	202	Qm-2	0.00023	-0.0004
190	228	Qm-2	0.00023	-0.0004
190	227	Qm-2	0.00021	-0.0004
191	202	DEAD	0.	0.
191	203	DEAD	0.	0.
191	229	DEAD	0.	0.
191	228	DEAD	0.	0.
191	202	G1	1.148E-13	-1.549E-10
191	203	G1	-7.032E-11	-1.588E-10
191	229	G1	-8.311E-11	-1.145E-10
191	228	G1	-4.762E-11	-1.411E-10
191	202	G2	0.00038	-0.00011
191	203	G2	0.00038	-0.00011
191	229	G2	0.00038	-0.00011
191	228	G2	0.00038	-0.00011
191	202	Qm	-0.00198	0.00157
191	203	Qm	-0.00185	0.00157
191	229	Qm	-0.00185	0.00157
191	228	Qm	-0.00198	0.00157
191	202	Qs	3.956E-12	-2.024E-14
191	203	Qs	2.772E-13	4.104E-13
191	229	Qs	-3.137E-12	2.659E-12
191	228	Qs	3.272E-12	2.775E-12
191	202	T+	0.	0.
191	203	T+	0.	0.
191	229	T+	0.	0.
191	228	T+	0.	0.
191	202	T-	0.	0.
191	203	T-	0.	0.
191	229	T-	0.	0.
191	228	T-	0.	0.
191	202	W	0.00267	0.00154
191	203	W	0.0026	0.00154
191	229	W	0.0026	0.00144
191	228	W	0.00267	0.00144
191	202	Qm-1	-0.00221	-0.0065
191	203	Qm-1	-0.00206	-0.0065
191	229	Qm-1	-0.00206	-0.00665
191	228	Qm-1	-0.00221	-0.00665
191	202	Qm-2	0.00022	-0.00041
191	203	Qm-2	0.00025	-0.00041
191	229	Qm-2	0.00025	-0.00037
191	228	Qm-2	0.00022	-0.00037
192	203	DEAD	0.	0.
192	204	DEAD	0.	0.
192	230	DEAD	0.	0.
192	229	DEAD	0.	0.
192	203	G1	-4.436E-11	-6.873E-11
192	204	G1	-3.476E-11	-6.479E-11
192	230	G1	-3.427E-11	-9.143E-11
192	229	G1	-7.007E-11	-6.479E-11

Table 27: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13	V23
			KN/mm	KN/mm
192	203	G2	0.00039	-5.436E-05
192	204	G2	0.00039	-5.436E-05
192	230	G2	0.00039	-5.958E-05
192	229	G2	0.00039	-5.958E-05
192	203	Qm	-0.00187	0.00094
192	204	Qm	-0.00177	0.00094
192	230	Qm	-0.00177	0.00096
192	229	Qm	-0.00187	0.00096
192	203	Qs	-1.595E-12	2.939E-12
192	204	Qs	-2.199E-12	1.216E-12
192	230	Qs	1.389E-13	1.520E-12
192	229	Qs	-6.224E-13	1.059E-12
192	203	T+	0.	0.
192	204	T+	0.	0.
192	230	T+	0.	0.
192	229	T+	0.	0.
192	203	T-	0.	0.
192	204	T-	0.	0.
192	230	T-	0.	0.
192	229	T-	0.	0.
192	203	W	0.00266	0.00152
192	204	W	0.00256	0.00152
192	230	W	0.00256	0.00138
192	229	W	0.00266	0.00138
192	203	Qm-1	-0.00201	-0.00503
192	204	Qm-1	-0.0019	-0.00503
192	230	Qm-1	-0.0019	-0.00516
192	229	Qm-1	-0.00201	-0.00516
192	203	Qm-2	0.00023	-0.00037
192	204	Qm-2	0.00026	-0.00037
192	230	Qm-2	0.00026	-0.00032
192	229	Qm-2	0.00023	-0.00032
193	204	DEAD	0.	0.
193	205	DEAD	0.	0.
193	231	DEAD	0.	0.
193	230	DEAD	0.	0.
193	204	G1	-6.499E-11	-4.165E-11
193	205	G1	1.884E-12	-2.738E-11
193	231	G1	-6.751E-11	-7.192E-11
193	230	G1	-2.081E-11	-4.251E-11
193	204	G2	0.00039	2.205E-07
193	205	G2	0.0004	2.205E-07
193	231	G2	0.0004	-2.429E-06
193	230	G2	0.00039	-2.429E-06
193	204	Qm	-0.00178	0.00036
193	205	Qm	-0.0017	0.00036
193	231	Qm	-0.0017	0.00038
193	230	Qm	-0.00178	0.00038
193	204	Qs	-4.971E-12	1.658E-12
193	205	Qs	3.511E-12	2.550E-12
193	231	Qs	-2.764E-12	-1.021E-12
193	230	Qs	-1.691E-12	8.166E-13
193	204	T+	0.	0.
193	205	T+	0.	0.

Table 27: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13	V23
			KN/mm	KN/mm
193	231	T+	0.	0.
193	230	T+	0.	0.
193	204	T-	0.	0.
193	205	T-	0.	0.
193	231	T-	0.	0.
193	230	T-	0.	0.
193	204	W	0.00261	0.00134
193	205	W	0.00252	0.00134
193	231	W	0.00252	0.00127
193	230	W	0.00261	0.00127
193	204	Qm-1	-0.00186	-0.00359
193	205	Qm-1	-0.00177	-0.00359
193	231	Qm-1	-0.00177	-0.00368
193	230	Qm-1	-0.00186	-0.00368
193	204	Qm-2	0.00023	-0.00029
193	205	Qm-2	0.00026	-0.00029
193	231	Qm-2	0.00026	-0.00025
193	230	Qm-2	0.00023	-0.00025
194	205	DEAD	0.	0.
194	206	DEAD	0.	0.
194	232	DEAD	0.	0.
194	231	DEAD	0.	0.
194	205	G1	-4.473E-12	-1.552E-11
194	206	G1	-5.320E-11	-1.602E-11
194	232	G1	-2.465E-11	9.698E-12
194	231	G1	-6.329E-11	-1.602E-11
194	205	G2	0.00039	5.981E-05
194	206	G2	0.0004	5.981E-05
194	232	G2	0.0004	6.100E-05
194	231	G2	0.00039	6.100E-05
194	205	Qm	-0.00172	-0.00018
194	206	Qm	-0.00165	-0.00018
194	232	Qm	-0.00165	-0.00017
194	231	Qm	-0.00172	-0.00017
194	205	Qs	-1.289E-12	3.879E-12
194	206	Qs	1.032E-13	4.094E-12
194	232	Qs	2.876E-13	1.672E-12
194	231	Qs	2.608E-13	1.730E-12
194	205	T+	0.	0.
194	206	T+	0.	0.
194	232	T+	0.	0.
194	231	T+	0.	0.
194	205	T-	0.	0.
194	206	T-	0.	0.
194	232	T-	0.	0.
194	231	T-	0.	0.
194	205	W	0.00254	0.0011
194	206	W	0.00248	0.0011
194	232	W	0.00248	0.00112
194	231	W	0.00254	0.00112
194	205	Qm-1	-0.00174	-0.00216
194	206	Qm-1	-0.00167	-0.00216
194	232	Qm-1	-0.00167	-0.00222
194	231	Qm-1	-0.00174	-0.00222

Table 27: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13	V23
			KN/mm	KN/mm
194	205	Qm-2	0.00024	-0.00019
194	206	Qm-2	0.00026	-0.00019
194	232	Qm-2	0.00026	-0.00016
194	231	Qm-2	0.00024	-0.00016
195	206	DEAD	0.	0.
195	207	DEAD	0.	0.
195	233	DEAD	0.	0.
195	232	DEAD	0.	0.
195	206	G1	7.656E-12	3.040E-11
195	207	G1	2.655E-11	-2.472E-11
195	233	G1	-2.513E-11	6.570E-11
195	232	G1	2.150E-11	5.093E-11
195	206	G2	0.0004	0.00013
195	207	G2	0.00041	0.00013
195	233	G2	0.00041	0.00013
195	232	G2	0.0004	0.00013
195	206	Qm	-0.00166	-0.00069
195	207	Qm	-0.00161	-0.00069
195	233	Qm	-0.00161	-0.00069
195	232	Qm	-0.00166	-0.00069
195	206	Qs	2.951E-12	-1.234E-13
195	207	Qs	4.028E-12	-2.061E-12
195	233	Qs	1.690E-12	2.399E-12
195	232	Qs	1.979E-12	1.879E-12
195	206	T+	0.	0.
195	207	T+	0.	0.
195	233	T+	0.	0.
195	232	T+	0.	0.
195	206	T-	0.	0.
195	207	T-	0.	0.
195	233	T-	0.	0.
195	232	T-	0.	0.
195	206	W	0.00246	0.0009
195	207	W	0.00239	0.0009
195	233	W	0.00239	0.00099
195	232	W	0.00246	0.00099
195	206	Qm-1	-0.00166	-0.00073
195	207	Qm-1	-0.00159	-0.00073
195	233	Qm-1	-0.00159	-0.00075
195	232	Qm-1	-0.00166	-0.00075
195	206	Qm-2	0.00025	-7.231E-05
195	207	Qm-2	0.00028	-7.231E-05
195	233	Qm-2	0.00028	-6.527E-05
195	232	Qm-2	0.00025	-6.527E-05
196	207	DEAD	0.	0.
196	208	DEAD	0.	0.
196	234	DEAD	0.	0.
196	233	DEAD	0.	0.
196	207	G1	1.479E-11	7.977E-11
196	208	G1	-3.504E-11	9.355E-11
196	234	G1	-1.043E-11	1.924E-11
196	233	G1	-1.738E-11	2.293E-11
196	207	G2	0.00041	0.00021
196	208	G2	0.00041	0.00021

Table 27: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13	V23
			KN/mm	KN/mm
196	234	G2	0.00041	0.00021
196	233	G2	0.00041	0.00021
196	207	Qm	-0.00161	-0.00117
196	208	Qm	-0.00157	-0.00117
196	234	Qm	-0.00157	-0.00118
196	233	Qm	-0.00161	-0.00118
196	207	Qs	3.111E-12	2.800E-12
196	208	Qs	-1.276E-12	3.415E-12
196	234	Qs	-1.990E-13	3.115E-12
196	233	Qs	2.823E-12	1.681E-12
196	207	T+	0.	0.
196	208	T+	0.	0.
196	234	T+	0.	0.
196	233	T+	0.	0.
196	207	T-	0.	0.
196	208	T-	0.	0.
196	234	T-	0.	0.
196	233	T-	0.	0.
196	207	W	0.00236	0.00086
196	208	W	0.00222	0.00086
196	234	W	0.00222	0.00093
196	233	W	0.00236	0.00093
196	207	Qm-1	-0.0016	0.00071
196	208	Qm-1	-0.00155	0.00071
196	234	Qm-1	-0.00155	0.00075
196	233	Qm-1	-0.0016	0.00075
196	207	Qm-2	0.00028	3.845E-05
196	208	Qm-2	0.00031	3.845E-05
196	234	Qm-2	0.00031	2.788E-05
196	233	Qm-2	0.00028	2.788E-05
197	208	DEAD	0.	0.
197	209	DEAD	0.	0.
197	235	DEAD	0.	0.
197	234	DEAD	0.	0.
197	208	G1	-3.413E-11	5.011E-11
197	209	G1	-3.800E-11	8.456E-11
197	235	G1	-5.178E-11	9.550E-11
197	234	G1	-3.043E-11	1.047E-10
197	208	G2	0.00041	0.00031
197	209	G2	0.00041	0.00031
197	235	G2	0.00041	0.0003
197	234	G2	0.00041	0.0003
197	208	Qm	-0.00156	-0.00163
197	209	Qm	-0.00153	-0.00163
197	235	Qm	-0.00153	-0.00165
197	234	Qm	-0.00156	-0.00165
197	208	Qs	-3.771E-13	1.411E-12
197	209	Qs	-2.038E-12	1.626E-12
197	235	Qs	-2.899E-12	1.411E-12
197	234	Qs	-1.463E-13	1.468E-12
197	208	T+	0.	0.
197	209	T+	0.	0.
197	235	T+	0.	0.
197	234	T+	0.	0.

Table 27: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13	V23
			KN/mm	KN/mm
197	208	T-	0.	0.
197	209	T-	0.	0.
197	235	T-	0.	0.
197	234	T-	0.	0.
197	208	W	0.00222	0.00104
197	209	W	0.00194	0.00104
197	235	W	0.00194	0.00102
197	234	W	0.00222	0.00102
197	208	Qm-1	-0.00157	0.00221
197	209	Qm-1	-0.00152	0.00221
197	235	Qm-1	-0.00152	0.00227
197	234	Qm-1	-0.00157	0.00227
197	208	Qm-2	0.00031	0.00014
197	209	Qm-2	0.00034	0.00014
197	235	Qm-2	0.00034	0.00011
197	234	Qm-2	0.00031	0.00011
198	209	DEAD	0.	0.
198	210	DEAD	0.	0.
198	236	DEAD	0.	0.
198	235	DEAD	0.	0.
198	209	G1	3.766E-11	1.178E-10
198	210	G1	-4.509E-11	1.453E-10
198	236	G1	3.514E-11	1.531E-10
198	235	G1	-3.500E-11	1.605E-10
198	209	G2	0.00041	0.00042
198	210	G2	0.00039	0.00042
198	236	G2	0.00039	0.0004
198	235	G2	0.00041	0.0004
198	209	Qm	-0.00152	-0.00208
198	210	Qm	-0.00149	-0.00208
198	236	Qm	-0.00149	-0.00211
198	235	Qm	-0.00152	-0.00211
198	209	Qs	4.526E-13	5.496E-12
198	210	Qs	-4.282E-13	5.034E-12
198	236	Qs	2.186E-12	3.604E-12
198	235	Qs	-1.847E-12	1.882E-12
198	209	T+	0.	0.
198	210	T+	0.	0.
198	236	T+	0.	0.
198	235	T+	0.	0.
198	209	T-	0.	0.
198	210	T-	0.	0.
198	236	T-	0.	0.
198	235	T-	0.	0.
198	209	W	0.00197	0.00141
198	210	W	0.0012	0.00141
198	236	W	0.0012	0.00157
198	235	W	0.00197	0.00157
198	209	Qm-1	-0.00156	0.00376
198	210	Qm-1	-0.00152	0.00376
198	236	Qm-1	-0.00152	0.00384
198	235	Qm-1	-0.00156	0.00384
198	209	Qm-2	0.00035	0.00021
198	210	Qm-2	0.00038	0.00021

Table 27: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13	V23
			KN/mm	KN/mm
198	236	Qm-2	0.00038	0.00016
198	235	Qm-2	0.00035	0.00016
199	210	DEAD	0.	0.
199	211	DEAD	0.	0.
199	237	DEAD	0.	0.
199	236	DEAD	0.	0.
199	210	G1	-2.132E-12	1.532E-10
199	211	G1	-6.734E-11	1.675E-10
199	237	G1	7.956E-12	1.860E-10
199	236	G1	3.274E-12	2.154E-10
199	210	G2	0.0004	0.00055
199	211	G2	0.00035	0.00055
199	237	G2	0.00035	0.00053
199	236	G2	0.0004	0.00053
199	210	Qm	-0.00148	-0.00253
199	211	Qm	-0.00146	-0.00253
199	237	Qm	-0.00146	-0.00256
199	236	Qm	-0.00148	-0.00256
199	210	Qs	3.309E-12	3.292E-12
199	211	Qs	-7.548E-13	4.184E-12
199	237	Qs	3.152E-12	4.080E-12
199	236	Qs	6.638E-13	5.918E-12
199	210	T+	0.	0.
199	211	T+	0.	0.
199	237	T+	0.	0.
199	236	T+	0.	0.
199	210	T-	0.	0.
199	211	T-	0.	0.
199	237	T-	0.	0.
199	236	T-	0.	0.
199	210	W	0.00131	0.00321
199	211	W	0.00151	0.00321
199	237	W	0.00151	0.00258
199	236	W	0.00131	0.00258
199	210	Qm-1	-0.00155	0.0054
199	211	Qm-1	-0.00152	0.0054
199	237	Qm-1	-0.00152	0.00547
199	236	Qm-1	-0.00155	0.00547
199	210	Qm-2	0.00039	0.00023
199	211	Qm-2	0.00042	0.00023
199	237	Qm-2	0.00042	0.00019
199	236	Qm-2	0.00039	0.00019
200	211	DEAD	0.	0.
200	212	DEAD	0.	0.
200	238	DEAD	0.	0.
200	237	DEAD	0.	0.
200	211	G1	-3.168E-11	2.335E-10
200	212	G1	6.312E-11	2.527E-10
200	238	G1	1.104E-12	2.587E-10
200	237	G1	-1.507E-11	1.871E-10
200	211	G2	0.00039	0.00084
200	212	G2	0.00015	0.00084
200	238	G2	0.00015	0.00066
200	237	G2	0.00039	0.00066

Table 27: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13	V23
			KN/mm	KN/mm
200	211	Qm	-0.00145	-0.00297
200	212	Qm	-0.00144	-0.00297
200	238	Qm	-0.00144	-0.00301
200	237	Qm	-0.00145	-0.00301
200	211	Qs	9.296E-13	7.764E-12
200	212	Qs	6.866E-12	9.425E-12
200	238	Qs	4.713E-12	4.612E-12
200	237	Qs	1.507E-12	1.859E-12
200	211	T+	0.	0.
200	212	T+	0.	0.
200	238	T+	0.	0.
200	237	T+	0.	0.
200	211	T-	0.	0.
200	212	T-	0.	0.
200	238	T-	0.	0.
200	237	T-	0.	0.
200	211	W	0.00451	0.0163
200	212	W	-0.02095	0.0163
200	238	W	-0.02095	-0.0017
200	237	W	0.00451	-0.0017
200	211	Qm-1	-0.00155	0.0071
200	212	Qm-1	-0.00154	0.0071
200	238	Qm-1	-0.00154	0.00714
200	237	Qm-1	-0.00155	0.00714
200	211	Qm-2	0.00042	0.0002
200	212	Qm-2	0.00045	0.0002
200	238	Qm-2	0.00045	0.0002
200	237	Qm-2	0.00042	0.0002
201	212	DEAD	0.	0.
201	213	DEAD	0.	0.
201	239	DEAD	0.	0.
201	238	DEAD	0.	0.
201	212	G1	6.695E-12	-6.954E-11
201	213	G1	-2.499E-11	-6.314E-11
201	239	G1	-8.708E-13	-3.675E-11
201	238	G1	2.333E-13	-6.062E-11
201	212	G2	3.476E-05	0.00081
201	213	G2	-0.00123	0.00081
201	239	G2	-0.00123	0.00197
201	238	G2	3.476E-05	0.00197
201	212	Qm	-0.00143	-0.00241
201	213	Qm	-0.00142	-0.00241
201	239	Qm	-0.00142	-0.00244
201	238	Qm	-0.00143	-0.00244
201	212	Qs	4.679E-12	1.265E-12
201	213	Qs	1.023E-12	1.665E-12
201	239	Qs	1.054E-12	1.738E-12
201	238	Qs	3.072E-12	2.462E-13
201	212	T+	0.	0.
201	213	T+	0.	0.
201	239	T+	0.	0.
201	238	T+	0.	0.
201	212	T-	0.	0.
201	213	T-	0.	0.

Table 27: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13	V23
			KN/mm	KN/mm
201	239	T-	0.	0.
201	238	T-	0.	0.
201	212	W	-0.05353	-0.0817
201	213	W	-0.06747	-0.0817
201	239	W	-0.06747	0.17052
201	238	W	-0.05353	0.17052
201	212	Qm-1	-0.00155	-0.00314
201	213	Qm-1	-0.00156	-0.00314
201	239	Qm-1	-0.00156	-0.00315
201	238	Qm-1	-0.00155	-0.00315
201	212	Qm-2	0.00044	0.00014
201	213	Qm-2	0.00048	0.00014
201	239	Qm-2	0.00048	0.00018
201	238	Qm-2	0.00044	0.00018
202	213	DEAD	0.	0.
202	214	DEAD	0.	0.
202	240	DEAD	0.	0.
202	239	DEAD	0.	0.
202	213	G1	5.044E-12	3.322E-11
202	214	G1	-3.900E-11	-5.667E-12
202	240	G1	-5.044E-12	8.618E-11
202	239	G1	2.153E-11	2.460E-11
202	213	G2	-0.00126	2.044E-05
202	214	G2	-0.00019	2.044E-05
202	240	G2	-0.00019	-0.00089
202	239	G2	-0.00126	-0.00089
202	213	Qm	-0.00141	-0.00085
202	214	Qm	-0.00142	-0.00085
202	240	Qm	-0.00142	-0.00087
202	239	Qm	-0.00141	-0.00087
202	213	Qs	2.399E-12	1.340E-12
202	214	Qs	-1.141E-12	-1.306E-12
202	240	Qs	2.242E-12	7.487E-12
202	239	Qs	4.691E-12	3.581E-12
202	213	T+	0.	0.
202	214	T+	0.	0.
202	240	T+	0.	0.
202	239	T+	0.	0.
202	213	T-	0.	0.
202	214	T-	0.	0.
202	240	T-	0.	0.
202	239	T-	0.	0.
202	213	W	0.08176	-0.0691
202	214	W	0.08083	-0.0691
202	240	W	0.08083	0.15281
202	239	W	0.08176	0.15281
202	213	Qm-1	-0.00154	-0.00138
202	214	Qm-1	-0.00157	-0.00138
202	240	Qm-1	-0.00157	-0.00142
202	239	Qm-1	-0.00154	-0.00142
202	213	Qm-2	0.00045	8.403E-05
202	214	Qm-2	0.00051	8.403E-05
202	240	Qm-2	0.00051	0.00017
202	239	Qm-2	0.00045	0.00017

Table 27: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13	V23
			KN/mm	KN/mm
203	215	DEAD	0.	0.
203	216	DEAD	0.	0.
203	242	DEAD	0.	0.
203	241	DEAD	0.	0.
203	215	G1	-3.825E-11	-8.104E-11
203	216	G1	-9.251E-11	8.033E-12
203	242	G1	-4.329E-11	-5.582E-11
203	241	G1	-1.026E-10	-5.754E-11
203	215	G2	0.00029	-0.00018
203	216	G2	0.00029	-0.00018
203	242	G2	0.00029	-0.00018
203	241	G2	0.00029	-0.00018
203	215	Qm	-0.00228	0.0003
203	216	Qm	-0.00228	0.0003
203	242	Qm	-0.00228	0.00039
203	241	Qm	-0.00228	0.00039
203	215	Qs	2.144E-12	-5.635E-12
203	216	Qs	1.487E-13	-1.575E-12
203	242	Qs	1.041E-12	-2.009E-12
203	241	Qs	3.063E-13	-2.520E-12
203	215	T+	0.	0.
203	216	T+	0.	0.
203	242	T+	0.	0.
203	241	T+	0.	0.
203	215	T-	0.	0.
203	216	T-	0.	0.
203	242	T-	0.	0.
203	241	T-	0.	0.
203	215	W	0.00254	0.00036
203	216	W	0.0025	0.00036
203	242	W	0.0025	0.00029
203	241	W	0.00254	0.00029
203	215	Qm-1	-0.00285	0.00043
203	216	Qm-1	-0.00282	0.00043
203	242	Qm-1	-0.00282	0.00058
203	241	Qm-1	-0.00285	0.00058
203	215	Qm-2	-0.00018	0.00013
203	216	Qm-2	-0.00014	0.00013
203	242	Qm-2	-0.00014	0.00018
203	241	Qm-2	-0.00018	0.00018
204	216	DEAD	0.	0.
204	217	DEAD	0.	0.
204	243	DEAD	0.	0.
204	242	DEAD	0.	0.
204	216	G1	-8.939E-11	3.058E-11
204	217	G1	-5.224E-11	1.630E-11
204	243	G1	-5.913E-11	3.058E-11
204	242	G1	-8.754E-11	1.170E-12
204	216	G2	0.00029	-0.00022
204	217	G2	0.00029	-0.00022
204	243	G2	0.00029	-0.00022
204	242	G2	0.00029	-0.00022
204	216	Qm	-0.00234	0.00133
204	217	Qm	-0.00236	0.00133

Table 27: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13	V23
			KN/mm	KN/mm
204	243	Qm	-0.00236	0.00152
204	242	Qm	-0.00234	0.00152
204	216	Qs	1.665E-12	-2.554E-12
204	217	Qs	1.938E-12	-3.661E-12
204	243	Qs	2.462E-13	-1.450E-12
204	242	Qs	5.192E-13	-3.346E-12
204	216	T+	0.	0.
204	217	T+	0.	0.
204	243	T+	0.	0.
204	242	T+	0.	0.
204	216	T-	0.	0.
204	217	T-	0.	0.
204	243	T-	0.	0.
204	242	T-	0.	0.
204	216	W	0.00253	0.00052
204	217	W	0.00251	0.00052
204	243	W	0.00251	0.00049
204	242	W	0.00253	0.00049
204	216	Qm-1	-0.00291	0.00173
204	217	Qm-1	-0.00289	0.00173
204	243	Qm-1	-0.00289	0.00201
204	242	Qm-1	-0.00291	0.00201
204	216	Qm-2	-0.00016	0.00026
204	217	Qm-2	-0.00011	0.00026
204	243	Qm-2	-0.00011	0.0003
204	242	Qm-2	-0.00016	0.0003
205	217	DEAD	0.	0.
205	218	DEAD	0.	0.
205	244	DEAD	0.	0.
205	243	DEAD	0.	0.
205	217	G1	-6.645E-11	2.967E-11
205	218	G1	-8.275E-11	3.311E-11
205	244	G1	-6.897E-11	6.498E-11
205	243	G1	-7.014E-11	6.590E-11
205	217	G2	0.00029	-0.00025
205	218	G2	0.00029	-0.00025
205	244	G2	0.00029	-0.00025
205	243	G2	0.00029	-0.00025
205	217	Qm	-0.00246	0.00245
205	218	Qm	-0.00248	0.00245
205	244	Qm	-0.00248	0.00274
205	243	Qm	-0.00246	0.00274
205	217	Qs	1.659E-12	-4.468E-12
205	218	Qs	6.980E-13	-3.576E-12
205	244	Qs	1.344E-12	-3.995E-12
205	243	Qs	1.486E-12	-2.157E-12
205	217	T+	0.	0.
205	218	T+	0.	0.
205	244	T+	0.	0.
205	243	T+	0.	0.
205	217	T-	0.	0.
205	218	T-	0.	0.
205	244	T-	0.	0.
205	243	T-	0.	0.

Table 27: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13	V23
			KN/mm	KN/mm
205	217	W	0.00252	0.00068
205	218	W	0.00253	0.00068
205	244	W	0.00253	0.00067
205	243	W	0.00252	0.00067
205	217	Qm-1	-0.00302	0.00321
205	218	Qm-1	-0.00297	0.00321
205	244	Qm-1	-0.00297	0.00355
205	243	Qm-1	-0.00302	0.00355
205	217	Qm-2	-0.00012	0.00035
205	218	Qm-2	-9.391E-05	0.00035
205	244	Qm-2	-9.391E-05	0.00033
205	243	Qm-2	-0.00012	0.00033
206	218	DEAD	0.	0.
206	219	DEAD	0.	0.
206	245	DEAD	0.	0.
206	244	DEAD	0.	0.
206	218	G1	-8.241E-11	8.691E-11
206	219	G1	-2.992E-12	1.435E-10
206	245	G1	-7.484E-11	3.395E-11
206	244	G1	-8.874E-11	1.259E-10
206	218	G2	0.00029	-0.00027
206	219	G2	0.00029	-0.00027
206	245	G2	0.00029	-0.00027
206	244	G2	0.00029	-0.00027
206	218	Qm	-0.00261	0.00377
206	219	Qm	-0.00261	0.00377
206	245	Qm	-0.00261	0.00412
206	244	Qm	-0.00261	0.00412
206	218	Qs	3.120E-13	-4.120E-12
206	219	Qs	5.726E-12	-3.364E-13
206	245	Qs	-9.490E-13	-6.800E-12
206	244	Qs	2.100E-12	6.094E-13
206	218	T+	0.	0.
206	219	T+	0.	0.
206	245	T+	0.	0.
206	244	T+	0.	0.
206	218	T-	0.	0.
206	219	T-	0.	0.
206	245	T-	0.	0.
206	244	T-	0.	0.
206	218	W	0.00253	0.00087
206	219	W	0.00254	0.00087
206	245	W	0.00254	0.00086
206	244	W	0.00253	0.00086
206	218	Qm-1	-0.00309	0.00498
206	219	Qm-1	-0.00308	0.00498
206	245	Qm-1	-0.00308	0.00523
206	244	Qm-1	-0.00309	0.00523
206	218	Qm-2	-9.376E-05	0.00026
206	219	Qm-2	-6.541E-05	0.00026
206	245	Qm-2	-6.541E-05	0.00027
206	244	Qm-2	-9.376E-05	0.00027
207	219	DEAD	0.	0.
207	220	DEAD	0.	0.

Table 27: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13	V23
			KN/mm	KN/mm
207	246	DEAD	0.	0.
207	245	DEAD	0.	0.
207	219	G1	-5.083E-11	-1.381E-10
207	220	G1	-6.572E-11	-9.917E-11
207	246	G1	-9.623E-11	-1.910E-10
207	245	G1	-6.824E-11	-1.294E-10
207	219	G2	0.00029	-0.00028
207	220	G2	0.00029	-0.00028
207	246	G2	0.00029	-0.00028
207	245	G2	0.00029	-0.00028
207	219	Qm	-0.00275	0.00347
207	220	Qm	-0.00272	0.00347
207	246	Qm	-0.00272	0.00376
207	245	Qm	-0.00275	0.00376
207	219	Qs	1.800E-12	-3.612E-12
207	220	Qs	2.693E-12	-1.643E-12
207	246	Qs	-1.982E-12	-9.129E-12
207	245	Qs	-1.446E-13	-7.002E-12
207	219	T+	0.	0.
207	220	T+	0.	0.
207	246	T+	0.	0.
207	245	T+	0.	0.
207	219	T-	0.	0.
207	220	T-	0.	0.
207	246	T-	0.	0.
207	245	T-	0.	0.
207	219	W	0.00255	0.00108
207	220	W	0.00256	0.00108
207	246	W	0.00256	0.00103
207	245	W	0.00255	0.00103
207	219	Qm-1	-0.00315	-0.00207
207	220	Qm-1	-0.00317	-0.00207
207	246	Qm-1	-0.00317	-0.00198
207	245	Qm-1	-0.00315	-0.00198
207	219	Qm-2	-7.952E-05	0.00011
207	220	Qm-2	-3.543E-05	0.00011
207	246	Qm-2	-3.543E-05	0.00016
207	245	Qm-2	-7.952E-05	0.00016
208	220	DEAD	0.	0.
208	221	DEAD	0.	0.
208	247	DEAD	0.	0.
208	246	DEAD	0.	0.
208	220	G1	-9.133E-11	-6.591E-11
208	221	G1	-2.483E-11	-1.079E-11
208	247	G1	-4.845E-11	-7.096E-11
208	246	G1	-1.106E-10	-5.619E-11
208	220	G2	0.00029	-0.00028
208	221	G2	0.00029	-0.00028
208	247	G2	0.00029	-0.00029
208	246	G2	0.00029	-0.00029
208	220	Qm	-0.00281	0.00153
208	221	Qm	-0.00278	0.00153
208	247	Qm	-0.00278	0.00166
208	246	Qm	-0.00281	0.00166

Table 27: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13	V23
			KN/mm	KN/mm
208	220	Qs	-7.060E-13	-3.853E-12
208	221	Qs	1.712E-12	-4.080E-13
208	247	Qs	1.343E-12	-5.429E-12
208	246	Qs	-3.805E-12	-4.506E-12
208	220	T+	0.	0.
208	221	T+	0.	0.
208	247	T+	0.	0.
208	246	T+	0.	0.
208	220	T-	0.	0.
208	221	T-	0.	0.
208	247	T-	0.	0.
208	246	T-	0.	0.
208	220	W	0.00259	0.00128
208	221	W	0.00258	0.00128
208	247	W	0.00258	0.00119
208	246	W	0.00259	0.00119
208	220	Qm-1	-0.00319	-0.00015
208	221	Qm-1	-0.00319	-0.00015
208	247	Qm-1	-0.00319	-0.00011
208	246	Qm-1	-0.00319	-0.00011
208	220	Qm-2	-6.046E-05	8.562E-06
208	221	Qm-2	-9.153E-07	8.562E-06
208	247	Qm-2	-9.153E-07	5.787E-05
208	246	Qm-2	-6.046E-05	5.787E-05
209	221	DEAD	0.	0.
209	222	DEAD	0.	0.
209	248	DEAD	0.	0.
209	247	DEAD	0.	0.
209	221	G1	-4.991E-11	-6.137E-11
209	222	G1	-4.899E-11	-6.253E-12
209	248	G1	-9.278E-11	1.675E-12
209	247	G1	-8.934E-11	1.645E-11
209	221	G2	0.00029	-0.00028
209	222	G2	0.00029	-0.00028
209	248	G2	0.00029	-0.00029
209	247	G2	0.00029	-0.00029
209	221	Qm	-0.00279	-0.00028
209	222	Qm	-0.00276	-0.00028
209	248	Qm	-0.00276	-0.00037
209	247	Qm	-0.00279	-0.00037
209	221	Qs	2.099E-12	-4.395E-12
209	222	Qs	1.579E-12	-2.672E-12
209	248	Qs	9.954E-13	-2.976E-12
209	247	Qs	-9.425E-13	-2.515E-12
209	221	T+	0.	0.
209	222	T+	0.	0.
209	248	T+	0.	0.
209	247	T+	0.	0.
209	221	T-	0.	0.
209	222	T-	0.	0.
209	248	T-	0.	0.
209	247	T-	0.	0.
209	221	W	0.00262	0.00143
209	222	W	0.00261	0.00143

Table 27: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13	V23
			KN/mm	KN/mm
209	248	W	0.00261	0.00132
209	247	W	0.00262	0.00132
209	221	Qm-1	-0.00322	0.00174
209	222	Qm-1	-0.0031	0.00174
209	248	Qm-1	-0.0031	0.00181
209	247	Qm-1	-0.00322	0.00181
209	221	Qm-2	3.402E-07	1.523E-05
209	222	Qm-2	-5.139E-06	1.523E-05
209	248	Qm-2	-5.139E-06	-5.115E-05
209	247	Qm-2	3.402E-07	-5.115E-05
210	222	DEAD	0.	0.
210	223	DEAD	0.	0.
210	249	DEAD	0.	0.
210	248	DEAD	0.	0.
210	222	G1	-1.084E-10	1.270E-10
210	223	G1	-2.175E-11	1.201E-10
210	249	G1	-8.820E-11	5.642E-11
210	248	G1	-3.940E-11	5.458E-11
210	222	G2	0.00029	-0.00028
210	223	G2	0.00029	-0.00028
210	249	G2	0.00029	-0.00028
210	248	G2	0.00029	-0.00028
210	222	Qm	-0.00269	-0.00216
210	223	Qm	-0.00265	-0.00216
210	249	Qm	-0.00265	-0.00242
210	248	Qm	-0.00269	-0.00242
210	222	Qs	1.495E-12	4.783E-15
210	223	Qs	1.311E-12	1.328E-12
210	249	Qs	2.340E-13	-3.463E-12
210	248	Qs	1.783E-12	-1.510E-12
210	222	T+	0.	0.
210	223	T+	0.	0.
210	249	T+	0.	0.
210	248	T+	0.	0.
210	222	T-	0.	0.
210	223	T-	0.	0.
210	249	T-	0.	0.
210	248	T-	0.	0.
210	222	W	0.00266	0.00149
210	223	W	0.00265	0.00149
210	249	W	0.00265	0.0014
210	248	W	0.00266	0.0014
210	222	Qm-1	-0.00313	0.00374
210	223	Qm-1	-0.00298	0.00374
210	249	Qm-1	-0.00298	0.00374
210	248	Qm-1	-0.00313	0.00374
210	222	Qm-2	2.360E-05	-0.00011
210	223	Qm-2	3.004E-05	-0.00011
210	249	Qm-2	3.004E-05	-0.00017
210	248	Qm-2	2.360E-05	-0.00017
211	223	DEAD	0.	0.
211	224	DEAD	0.	0.
211	250	DEAD	0.	0.
211	249	DEAD	0.	0.

Table 27: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13	V23
			KN/mm	KN/mm
211	223	G1	1.413E-11	-1.103E-10
211	224	G1	-1.239E-11	-5.221E-11
211	250	G1	3.683E-11	-1.431E-10
211	249	G1	-5.022E-11	-1.531E-10
211	223	G2	0.00029	-0.00027
211	224	G2	0.00029	-0.00027
211	250	G2	0.00029	-0.00027
211	249	G2	0.00029	-0.00027
211	223	Qm	-0.00253	-0.00234
211	224	Qm	-0.00245	-0.00234
211	250	Qm	-0.00245	-0.00265
211	249	Qm	-0.00253	-0.00265
211	223	Qs	3.726E-12	8.571E-13
211	224	Qs	4.579E-12	3.441E-12
211	250	Qs	7.194E-12	-2.768E-12
211	249	Qs	1.427E-12	-2.076E-12
211	223	T+	0.	0.
211	224	T+	0.	0.
211	250	T+	0.	0.
211	249	T+	0.	0.
211	223	T-	0.	0.
211	224	T-	0.	0.
211	250	T-	0.	0.
211	249	T-	0.	0.
211	223	W	0.00268	0.00149
211	224	W	0.0027	0.00149
211	250	W	0.0027	0.00144
211	249	W	0.00268	0.00144
211	223	Qm-1	-0.00296	-0.00316
211	224	Qm-1	-0.00283	-0.00316
211	250	Qm-1	-0.00283	-0.00333
211	249	Qm-1	-0.00296	-0.00333
211	223	Qm-2	5.090E-05	-0.00029
211	224	Qm-2	6.611E-05	-0.00029
211	250	Qm-2	6.611E-05	-0.00033
211	249	Qm-2	5.090E-05	-0.00033
212	224	DEAD	0.	0.
212	225	DEAD	0.	0.
212	251	DEAD	0.	0.
212	250	DEAD	0.	0.
212	224	G1	-9.371E-13	-8.479E-11
212	225	G1	-5.162E-11	-8.823E-11
212	251	G1	-4.129E-11	-7.975E-11
212	250	G1	-3.706E-12	-8.067E-11
212	224	G2	0.00029	-0.00025
212	225	G2	0.00029	-0.00025
212	251	G2	0.00029	-0.00025
212	250	G2	0.00029	-0.00025
212	224	Qm	-0.00234	-0.00084
212	225	Qm	-0.00222	-0.00084
212	251	Qm	-0.00222	-0.0011
212	250	Qm	-0.00234	-0.0011
212	224	Qs	4.971E-12	-1.766E-12
212	225	Qs	2.118E-12	-1.981E-12

Table 27: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13	V23
			KN/mm	KN/mm
212	251	Qs	2.764E-12	-2.239E-12
212	250	Qs	4.798E-12	-2.296E-12
212	224	T+	0.	0.
212	225	T+	0.	0.
212	251	T+	0.	0.
212	250	T+	0.	0.
212	224	T-	0.	0.
212	225	T-	0.	0.
212	251	T-	0.	0.
212	250	T-	0.	0.
212	224	W	0.0027	0.00144
212	225	W	0.00274	0.00144
212	251	W	0.00274	0.00145
212	250	W	0.0027	0.00145
212	224	Qm-1	-0.00275	-0.00117
212	225	Qm-1	-0.00264	-0.00117
212	251	Qm-1	-0.00264	-0.00145
212	250	Qm-1	-0.00275	-0.00145
212	224	Qm-2	7.553E-05	-0.00044
212	225	Qm-2	8.756E-05	-0.00044
212	251	Qm-2	8.756E-05	-0.00045
212	250	Qm-2	7.553E-05	-0.00045
213	225	DEAD	0.	0.
213	226	DEAD	0.	0.
213	252	DEAD	0.	0.
213	251	DEAD	0.	0.
213	225	G1	-8.336E-11	5.758E-12
213	226	G1	-3.981E-11	-2.820E-11
213	252	G1	-1.274E-11	-4.216E-11
213	251	G1	-6.503E-11	-2.568E-11
213	225	G2	0.00029	-0.00023
213	226	G2	0.0003	-0.00023
213	252	G2	0.0003	-0.00023
213	251	G2	0.00029	-0.00023
213	225	Qm	-0.00215	0.00052
213	226	Qm	-0.002	0.00052
213	252	Qm	-0.002	0.00035
213	251	Qm	-0.00215	0.00035
213	225	Qs	2.061E-12	2.233E-12
213	226	Qs	3.906E-12	5.728E-13
213	252	Qs	4.583E-12	-3.599E-12
213	251	Qs	2.804E-13	-8.458E-13
213	225	T+	0.	0.
213	226	T+	0.	0.
213	252	T+	0.	0.
213	251	T+	0.	0.
213	225	T-	0.	0.
213	226	T-	0.	0.
213	252	T-	0.	0.
213	251	T-	0.	0.
213	225	W	0.00272	0.0014
213	226	W	0.00277	0.0014
213	252	W	0.00277	0.00145
213	251	W	0.00272	0.00145

Table 27: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13	V23
			KN/mm	KN/mm
213	225	Qm-1	-0.00254	0.0006
213	226	Qm-1	-0.00238	0.0006
213	252	Qm-1	-0.00238	0.00034
213	251	Qm-1	-0.00254	0.00034
213	225	Qm-2	0.0001	-0.00045
213	226	Qm-2	8.167E-05	-0.00045
213	252	Qm-2	8.167E-05	-0.0005
213	251	Qm-2	0.0001	-0.0005
214	226	DEAD	0.	0.
214	227	DEAD	0.	0.
214	253	DEAD	0.	0.
214	252	DEAD	0.	0.
214	226	G1	-7.827E-12	-3.397E-11
214	227	G1	-2.591E-11	3.937E-11
214	253	G1	-4.313E-11	-2.136E-11
214	252	G1	-3.212E-12	4.945E-11
214	226	G2	0.0003	-0.0002
214	227	G2	0.0003	-0.0002
214	253	G2	0.0003	-0.0002
214	252	G2	0.0003	-0.0002
214	226	Qm	-0.00196	0.00184
214	227	Qm	-0.00182	0.00184
214	253	Qm	-0.00182	0.00175
214	252	Qm	-0.00196	0.00175
214	226	Qs	5.040E-12	-2.708E-12
214	227	Qs	1.861E-12	1.199E-12
214	253	Qs	7.842E-13	-6.590E-13
214	252	Qs	5.328E-12	1.987E-12
214	226	T+	0.	0.
214	227	T+	0.	0.
214	253	T+	0.	0.
214	252	T+	0.	0.
214	226	T-	0.	0.
214	227	T-	0.	0.
214	253	T-	0.	0.
214	252	T-	0.	0.
214	226	W	0.00275	0.00141
214	227	W	0.00278	0.00141
214	253	W	0.00278	0.00145
214	252	W	0.00275	0.00145
214	226	Qm-1	-0.0023	0.00221
214	227	Qm-1	-0.00213	0.00221
214	253	Qm-1	-0.00213	0.00202
214	252	Qm-1	-0.0023	0.00202
214	226	Qm-2	0.0001	-0.00043
214	227	Qm-2	0.00011	-0.00043
214	253	Qm-2	0.00011	-0.00047
214	252	Qm-2	0.0001	-0.00047
215	227	DEAD	0.	0.
215	228	DEAD	0.	0.
215	254	DEAD	0.	0.
215	253	DEAD	0.	0.
215	227	G1	1.765E-11	-1.729E-10
215	228	G1	-2.553E-11	-1.626E-10

Table 27: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13	V23
			KN/mm	KN/mm
215	254	G1	-1.765E-11	-1.780E-10
215	253	G1	-3.562E-11	-1.752E-10
215	227	G2	0.0003	-0.00016
215	228	G2	0.00031	-0.00016
215	254	G2	0.00031	-0.00016
215	253	G2	0.0003	-0.00016
215	227	Qm	-0.0018	0.00217
215	228	Qm	-0.00167	0.00217
215	254	Qm	-0.00167	0.00212
215	253	Qm	-0.0018	0.00212
215	227	Qs	4.415E-12	-1.397E-12
215	228	Qs	-1.755E-13	-7.515E-13
215	254	Qs	3.170E-13	1.124E-12
215	253	Qs	1.086E-12	1.298E-12
215	227	T+	0.	0.
215	228	T+	0.	0.
215	254	T+	0.	0.
215	253	T+	0.	0.
215	227	T-	0.	0.
215	228	T-	0.	0.
215	254	T-	0.	0.
215	253	T-	0.	0.
215	227	W	0.00277	0.00144
215	228	W	0.00277	0.00144
215	254	W	0.00277	0.00144
215	253	W	0.00277	0.00144
215	227	Qm-1	-0.00207	-0.00823
215	228	Qm-1	-0.00192	-0.00823
215	254	Qm-1	-0.00192	-0.00838
215	253	Qm-1	-0.00207	-0.00838
215	227	Qm-2	0.00011	-0.00041
215	228	Qm-2	0.00014	-0.00041
215	254	Qm-2	0.00014	-0.00042
215	253	Qm-2	0.00011	-0.00042
216	228	DEAD	0.	0.
216	229	DEAD	0.	0.
216	255	DEAD	0.	0.
216	254	DEAD	0.	0.
216	228	G1	-5.207E-11	-1.341E-10
216	229	G1	-2.617E-11	-1.410E-10
216	255	G1	-1.928E-11	-1.542E-10
216	254	G1	-5.391E-11	-1.561E-10
216	228	G2	0.00031	-0.00011
216	229	G2	0.00031	-0.00011
216	255	G2	0.00031	-0.00011
216	254	G2	0.00031	-0.00011
216	228	Qm	-0.00167	0.00152
216	229	Qm	-0.00156	0.00152
216	255	Qm	-0.00156	0.00151
216	254	Qm	-0.00167	0.00151
216	228	Qs	-1.657E-13	2.212E-12
216	229	Qs	6.183E-13	1.996E-12
216	255	Qs	2.987E-12	3.157E-12
216	254	Qs	-8.003E-13	3.100E-12

Table 27: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13	V23
			KN/mm	KN/mm
216	228	T+	0.	0.
216	229	T+	0.	0.
216	255	T+	0.	0.
216	254	T+	0.	0.
216	228	T-	0.	0.
216	229	T-	0.	0.
216	255	T-	0.	0.
216	254	T-	0.	0.
216	228	W	0.00278	0.00146
216	229	W	0.00275	0.00146
216	255	W	0.00275	0.00142
216	254	W	0.00278	0.00142
216	228	Qm-1	-0.00187	-0.0067
216	229	Qm-1	-0.00175	-0.0067
216	255	Qm-1	-0.00175	-0.00682
216	254	Qm-1	-0.00187	-0.00682
216	228	Qm-2	0.00013	-0.00039
216	229	Qm-2	0.00016	-0.00039
216	255	Qm-2	0.00016	-0.00036
216	254	Qm-2	0.00013	-0.00036
217	229	DEAD	0.	0.
217	230	DEAD	0.	0.
217	256	DEAD	0.	0.
217	255	DEAD	0.	0.
217	229	G1	-5.555E-11	-1.109E-10
217	230	G1	4.195E-11	-4.593E-11
217	256	G1	7.500E-12	-8.567E-11
217	255	G1	-4.632E-11	-9.385E-11
217	229	G2	0.00031	-6.074E-05
217	230	G2	0.00031	-6.074E-05
217	256	G2	0.00031	-6.251E-05
217	255	G2	0.00031	-6.251E-05
217	229	Qm	-0.00157	0.00092
217	230	Qm	-0.00147	0.00092
217	256	Qm	-0.00147	0.00092
217	255	Qm	-0.00157	0.00092
217	229	Qs	-1.023E-13	2.795E-13
217	230	Qs	2.566E-12	1.479E-12
217	256	Qs	2.104E-12	1.541E-12
217	255	Qs	1.620E-12	-2.935E-12
217	229	T+	0.	0.
217	230	T+	0.	0.
217	256	T+	0.	0.
217	255	T+	0.	0.
217	229	T-	0.	0.
217	230	T-	0.	0.
217	256	T-	0.	0.
217	255	T-	0.	0.
217	229	W	0.00278	0.00142
217	230	W	0.00273	0.00142
217	256	W	0.00273	0.00136
217	255	W	0.00278	0.00136
217	229	Qm-1	-0.00171	-0.00519
217	230	Qm-1	-0.00161	-0.00519

Table 27: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13	V23
			KN/mm	KN/mm
217	256	Qm-1	-0.00161	-0.0053
217	255	Qm-1	-0.00171	-0.0053
217	229	Qm-2	0.00015	-0.00034
217	230	Qm-2	0.00018	-0.00034
217	256	Qm-2	0.00018	-0.0003
217	255	Qm-2	0.00015	-0.0003
218	230	DEAD	0.	0.
218	231	DEAD	0.	0.
218	257	DEAD	0.	0.
218	256	DEAD	0.	0.
218	230	G1	9.008E-12	-8.832E-11
218	231	G1	-3.362E-11	-7.504E-11
218	257	G1	-4.395E-11	-6.311E-11
218	256	G1	1.178E-11	-8.513E-11
218	230	G2	0.00031	-4.501E-06
218	231	G2	0.00032	-4.501E-06
218	257	G2	0.00032	-4.743E-06
218	256	G2	0.00031	-4.743E-06
218	230	Qm	-0.00148	0.00034
218	231	Qm	-0.0014	0.00034
218	257	Qm	-0.0014	0.00035
218	256	Qm	-0.00148	0.00035
218	230	Qs	2.888E-12	-1.240E-12
218	231	Qs	2.080E-12	1.098E-12
218	257	Qs	2.572E-12	9.669E-13
218	256	Qs	-4.420E-13	-5.658E-15
218	230	T+	0.	0.
218	231	T+	0.	0.
218	257	T+	0.	0.
218	256	T+	0.	0.
218	230	T-	0.	0.
218	231	T-	0.	0.
218	257	T-	0.	0.
218	256	T-	0.	0.
218	230	W	0.00275	0.0013
218	231	W	0.00272	0.0013
218	257	W	0.00272	0.00128
218	256	W	0.00275	0.00128
218	230	Qm-1	-0.00158	-0.00371
218	231	Qm-1	-0.00149	-0.00371
218	257	Qm-1	-0.00149	-0.00379
218	256	Qm-1	-0.00158	-0.00379
218	230	Qm-2	0.00017	-0.00026
218	231	Qm-2	0.0002	-0.00026
218	257	Qm-2	0.0002	-0.00023
218	256	Qm-2	0.00017	-0.00023
219	231	DEAD	0.	0.
219	232	DEAD	0.	0.
219	258	DEAD	0.	0.
219	257	DEAD	0.	0.
219	231	G1	-4.265E-11	9.151E-12
219	232	G1	-4.112E-11	2.638E-11
219	258	G1	-1.996E-11	-5.138E-11
219	257	G1	-7.391E-11	-4.676E-11

Table 27: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13	V23
			KN/mm	KN/mm
219	231	G2	0.00032	5.762E-05
219	232	G2	0.00033	5.762E-05
219	258	G2	0.00033	5.962E-05
219	257	G2	0.00032	5.962E-05
219	231	Qm	-0.00141	-0.0002
219	232	Qm	-0.00135	-0.0002
219	258	Qm	-0.00135	-0.00019
219	257	Qm	-0.00141	-0.00019
219	231	Qs	3.030E-12	3.082E-12
219	232	Qs	2.885E-13	2.867E-12
219	258	Qs	1.611E-12	2.924E-12
219	257	Qs	1.077E-12	2.867E-12
219	231	T+	0.	0.
219	232	T+	0.	0.
219	258	T+	0.	0.
219	257	T+	0.	0.
219	231	T-	0.	0.
219	232	T-	0.	0.
219	258	T-	0.	0.
219	257	T-	0.	0.
219	231	W	0.00272	0.00113
219	232	W	0.00273	0.00113
219	258	W	0.00273	0.00117
219	257	W	0.00272	0.00117
219	231	Qm-1	-0.00147	-0.00224
219	232	Qm-1	-0.0014	-0.00224
219	258	Qm-1	-0.0014	-0.00228
219	257	Qm-1	-0.00147	-0.00228
219	231	Qm-2	0.00018	-0.00017
219	232	Qm-2	0.00021	-0.00017
219	258	Qm-2	0.00021	-0.00015
219	257	Qm-2	0.00018	-0.00015
220	232	DEAD	0.	0.
220	233	DEAD	0.	0.
220	259	DEAD	0.	0.
220	258	DEAD	0.	0.
220	232	G1	-4.533E-11	7.370E-11
220	233	G1	-6.607E-11	7.320E-11
220	259	G1	-4.785E-11	5.610E-13
220	258	G1	-1.014E-10	-2.515E-11
220	232	G2	0.00033	0.00013
220	233	G2	0.00034	0.00013
220	259	G2	0.00034	0.00013
220	258	G2	0.00033	0.00013
220	232	Qm	-0.00136	-0.00071
220	233	Qm	-0.00131	-0.00071
220	259	Qm	-0.00131	-0.00071
220	258	Qm	-0.00136	-0.00071
220	232	Qs	2.468E-12	3.157E-12
220	233	Qs	-3.242E-12	2.081E-12
220	259	Qs	-2.104E-12	2.212E-12
220	258	Qs	-1.035E-12	1.923E-12
220	232	T+	0.	0.
220	233	T+	0.	0.

Table 27: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13	V23
			KN/mm	KN/mm
220	259	T+	0.	0.
220	258	T+	0.	0.
220	232	T-	0.	0.
220	233	T-	0.	0.
220	259	T-	0.	0.
220	258	T-	0.	0.
220	232	W	0.0027	0.00099
220	233	W	0.00274	0.00099
220	259	W	0.00274	0.00107
220	258	W	0.0027	0.00107
220	232	Qm-1	-0.0014	-0.00077
220	233	Qm-1	-0.00133	-0.00077
220	259	Qm-1	-0.00133	-0.00078
220	258	Qm-1	-0.0014	-0.00078
220	232	Qm-2	0.0002	-7.550E-05
220	233	Qm-2	0.00022	-7.550E-05
220	259	Qm-2	0.00022	-6.929E-05
220	258	Qm-2	0.0002	-6.929E-05
221	233	DEAD	0.	0.
221	234	DEAD	0.	0.
221	260	DEAD	0.	0.
221	259	DEAD	0.	0.
221	233	G1	-2.484E-11	5.406E-11
221	234	G1	-5.247E-11	7.522E-11
221	260	G1	-7.190E-12	1.875E-11
221	259	G1	-6.256E-11	5.000E-11
221	233	G2	0.00034	0.00021
221	234	G2	0.00035	0.00021
221	260	G2	0.00035	0.00021
221	259	G2	0.00034	0.00021
221	233	Qm	-0.00131	-0.00119
221	234	Qm	-0.00127	-0.00119
221	260	Qm	-0.00127	-0.0012
221	259	Qm	-0.00131	-0.0012
221	233	Qs	-1.327E-12	1.780E-12
221	234	Qs	2.767E-12	4.364E-12
221	260	Qs	3.875E-12	6.769E-13
221	259	Qs	-3.222E-12	1.369E-12
221	233	T+	0.	0.
221	234	T+	0.	0.
221	260	T+	0.	0.
221	259	T+	0.	0.
221	233	T-	0.	0.
221	234	T-	0.	0.
221	260	T-	0.	0.
221	259	T-	0.	0.
221	233	W	0.00271	0.00094
221	234	W	0.00281	0.00094
221	260	W	0.00281	0.00101
221	259	W	0.00271	0.00101
221	233	Qm-1	-0.00134	0.00072
221	234	Qm-1	-0.00129	0.00072
221	260	Qm-1	-0.00129	0.00074
221	259	Qm-1	-0.00134	0.00074

Table 27: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13	V23
			KN/mm	KN/mm
221	233	Qm-2	0.00022	1.843E-05
221	234	Qm-2	0.00024	1.843E-05
221	260	Qm-2	0.00024	1.034E-05
221	259	Qm-2	0.00022	1.034E-05
222	234	DEAD	0.	0.
222	235	DEAD	0.	0.
222	261	DEAD	0.	0.
222	260	DEAD	0.	0.
222	234	G1	-4.079E-11	1.248E-10
222	235	G1	4.200E-11	1.179E-10
222	261	G1	2.478E-11	7.180E-11
222	260	G1	-3.618E-11	6.996E-11
222	234	G2	0.00035	0.0003
222	235	G2	0.00037	0.0003
222	261	G2	0.00037	0.0003
222	260	G2	0.00035	0.0003
222	234	Qm	-0.00127	-0.00166
222	235	Qm	-0.00123	-0.00166
222	261	Qm	-0.00123	-0.00168
222	260	Qm	-0.00127	-0.00168
222	234	Qs	3.877E-12	2.425E-12
222	235	Qs	2.758E-12	2.209E-12
222	261	Qs	3.404E-12	4.947E-12
222	260	Qs	3.703E-12	4.889E-12
222	234	T+	0.	0.
222	235	T+	0.	0.
222	261	T+	0.	0.
222	260	T+	0.	0.
222	234	T-	0.	0.
222	235	T-	0.	0.
222	261	T-	0.	0.
222	260	T-	0.	0.
222	234	W	0.00277	0.00104
222	235	W	0.00294	0.00104
222	261	W	0.00294	0.00111
222	260	W	0.00277	0.00111
222	234	Qm-1	-0.0013	0.00225
222	235	Qm-1	-0.00125	0.00225
222	261	Qm-1	-0.00125	0.00229
222	260	Qm-1	-0.0013	0.00229
222	234	Qm-2	0.00025	0.0001
222	235	Qm-2	0.00026	0.0001
222	261	Qm-2	0.00026	7.943E-05
222	260	Qm-2	0.00025	7.943E-05
223	235	DEAD	0.	0.
223	236	DEAD	0.	0.
223	262	DEAD	0.	0.
223	261	DEAD	0.	0.
223	235	G1	2.940E-12	1.546E-10
223	236	G1	6.432E-11	1.827E-10
223	262	G1	7.860E-11	6.381E-11
223	261	G1	-2.647E-11	9.691E-11
223	235	G2	0.00036	0.0004
223	236	G2	0.0004	0.0004

Table 27: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13	V23
			KN/mm	KN/mm
223	262	G2	0.0004	0.00041
223	261	G2	0.00036	0.00041
223	235	Qm	-0.00123	-0.00212
223	236	Qm	-0.00121	-0.00212
223	262	Qm	-0.00121	-0.00214
223	261	Qm	-0.00123	-0.00214
223	235	Qs	1.490E-12	2.247E-12
223	236	Qs	3.513E-12	5.477E-12
223	262	Qs	3.697E-12	1.302E-12
223	261	Qs	3.040E-12	2.167E-12
223	235	T+	0.	0.
223	236	T+	0.	0.
223	262	T+	0.	0.
223	261	T+	0.	0.
223	235	T-	0.	0.
223	236	T-	0.	0.
223	262	T-	0.	0.
223	261	T-	0.	0.
223	235	W	0.00292	0.0016
223	236	W	0.00354	0.0016
223	262	W	0.00354	0.0014
223	261	W	0.00292	0.0014
223	235	Qm-1	-0.00128	0.00382
223	236	Qm-1	-0.00124	0.00382
223	262	Qm-1	-0.00124	0.00387
223	261	Qm-1	-0.00128	0.00387
223	235	Qm-2	0.00027	0.00016
223	236	Qm-2	0.00029	0.00016
223	262	Qm-2	0.00029	0.00013
223	261	Qm-2	0.00027	0.00013
224	236	DEAD	0.	0.
224	237	DEAD	0.	0.
224	263	DEAD	0.	0.
224	262	DEAD	0.	0.
224	236	G1	6.187E-11	1.498E-10
224	237	G1	4.471E-11	1.980E-10
224	263	G1	2.404E-11	2.128E-10
224	262	G1	6.741E-11	2.257E-10
224	236	G2	0.00039	0.00053
224	237	G2	0.00045	0.00053
224	263	G2	0.00045	0.00054
224	262	G2	0.00039	0.00054
224	236	Qm	-0.0012	-0.00257
224	237	Qm	-0.00118	-0.00257
224	263	Qm	-0.00118	-0.00259
224	262	Qm	-0.0012	-0.00259
224	236	Qs	2.154E-12	2.461E-12
224	237	Qs	4.480E-12	3.753E-12
224	263	Qs	2.942E-12	5.456E-12
224	262	Qs	4.165E-12	5.802E-12
224	236	T+	0.	0.
224	237	T+	0.	0.
224	263	T+	0.	0.
224	262	T+	0.	0.

Table 27: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13	V23
			KN/mm	KN/mm
224	236	T-	0.	0.
224	237	T-	0.	0.
224	263	T-	0.	0.
224	262	T-	0.	0.
224	236	W	0.00346	0.00261
224	237	W	0.00314	0.00261
224	263	W	0.00314	0.0032
224	262	W	0.00346	0.0032
224	236	Qm-1	-0.00126	0.00545
224	237	Qm-1	-0.00123	0.00545
224	263	Qm-1	-0.00123	0.0055
224	262	Qm-1	-0.00126	0.0055
224	236	Qm-2	0.0003	0.00019
224	237	Qm-2	0.00031	0.00019
224	263	Qm-2	0.00031	0.00017
224	262	Qm-2	0.0003	0.00017
225	237	DEAD	0.	0.
225	238	DEAD	0.	0.
225	264	DEAD	0.	0.
225	263	DEAD	0.	0.
225	237	G1	9.208E-11	2.606E-10
225	238	G1	2.743E-11	2.360E-10
225	264	G1	-1.636E-11	2.228E-10
225	263	G1	5.265E-11	1.906E-10
225	237	G2	0.00041	0.00066
225	238	G2	0.00066	0.00066
225	264	G2	0.00066	0.00084
225	263	G2	0.00041	0.00084
225	237	Qm	-0.00118	-0.00301
225	238	Qm	-0.00117	-0.00301
225	264	Qm	-0.00117	-0.00303
225	263	Qm	-0.00118	-0.00303
225	237	Qs	5.386E-12	5.074E-12
225	238	Qs	3.091E-12	5.012E-12
225	264	Qs	2.076E-12	3.025E-12
225	263	Qs	2.460E-12	-1.892E-13
225	237	T+	0.	0.
225	238	T+	0.	0.
225	264	T+	0.	0.
225	263	T+	0.	0.
225	237	T-	0.	0.
225	238	T-	0.	0.
225	264	T-	0.	0.
225	263	T-	0.	0.
225	237	W	0.00013	-0.00169
225	238	W	0.02556	-0.00169
225	264	W	0.02556	0.01639
225	263	W	0.00013	0.01639
225	237	Qm-1	-0.00125	0.00713
225	238	Qm-1	-0.00124	0.00713
225	264	Qm-1	-0.00124	0.00716
225	263	Qm-1	-0.00125	0.00716
225	237	Qm-2	0.00031	0.00019
225	238	Qm-2	0.00033	0.00019

Table 27: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13	V23
			KN/mm	KN/mm
225	264	Qm-2	0.00033	0.00019
225	263	Qm-2	0.00031	0.00019
226	238	DEAD	0.	0.
226	239	DEAD	0.	0.
226	265	DEAD	0.	0.
226	264	DEAD	0.	0.
226	238	G1	1.754E-11	-7.361E-11
226	239	G1	2.461E-11	-4.260E-11
226	265	G1	6.546E-11	-1.812E-11
226	264	G1	3.218E-11	-9.816E-12
226	238	G2	0.00077	0.00197
226	239	G2	0.00205	0.00197
226	265	G2	0.00205	0.00083
226	264	G2	0.00077	0.00083
226	238	Qm	-0.00116	-0.00244
226	239	Qm	-0.00115	-0.00244
226	265	Qm	-0.00115	-0.00246
226	264	Qm	-0.00116	-0.00246
226	238	Qs	1.993E-12	2.526E-14
226	239	Qs	2.897E-12	2.425E-12
226	265	Qs	2.466E-12	2.705E-12
226	264	Qs	2.109E-12	4.947E-12
226	238	T+	0.	0.
226	239	T+	0.	0.
226	265	T+	0.	0.
226	264	T+	0.	0.
226	238	T-	0.	0.
226	239	T-	0.	0.
226	265	T-	0.	0.
226	264	T-	0.	0.
226	238	W	0.05806	0.17049
226	239	W	0.07208	0.17049
226	265	W	0.07208	-0.08148
226	264	W	0.05806	-0.08148
226	238	Qm-1	-0.00124	-0.00315
226	239	Qm-1	-0.00124	-0.00315
226	265	Qm-1	-0.00124	-0.00315
226	264	Qm-1	-0.00124	-0.00315
226	238	Qm-2	0.00033	0.00017
226	239	Qm-2	0.00035	0.00017
226	265	Qm-2	0.00035	0.0002
226	264	Qm-2	0.00033	0.0002
227	239	DEAD	0.	0.
227	240	DEAD	0.	0.
227	266	DEAD	0.	0.
227	265	DEAD	0.	0.
227	239	G1	-1.334E-11	3.150E-11
227	240	G1	-2.552E-11	3.445E-12
227	266	G1	1.188E-11	3.402E-11
227	265	G1	2.222E-12	9.231E-13
227	239	G2	0.00206	-0.0009
227	240	G2	0.00102	-0.0009
227	266	G2	0.00102	5.783E-05
227	265	G2	0.00206	5.783E-05

Table 27: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13	V23
			KN/mm	KN/mm
227	239	Qm	-0.00115	-0.00087
227	240	Qm	-0.00115	-0.00087
227	266	Qm	-0.00115	-0.00088
227	265	Qm	-0.00115	-0.00088
227	239	Qs	1.585E-13	4.908E-12
227	240	Qs	-5.915E-13	3.616E-12
227	266	Qs	2.208E-12	3.647E-12
227	265	Qs	-5.915E-13	3.301E-12
227	239	T+	0.	0.
227	240	T+	0.	0.
227	266	T+	0.	0.
227	265	T+	0.	0.
227	239	T-	0.	0.
227	240	T-	0.	0.
227	266	T-	0.	0.
227	265	T-	0.	0.
227	239	W	-0.07732	0.15276
227	240	W	-0.07617	0.15276
227	266	W	-0.07617	-0.06876
227	265	W	-0.07732	-0.06876
227	239	Qm-1	-0.00124	-0.00142
227	240	Qm-1	-0.00125	-0.00142
227	266	Qm-1	-0.00125	-0.00143
227	265	Qm-1	-0.00124	-0.00143
227	239	Qm-2	0.00033	0.00015
227	240	Qm-2	0.00036	0.00015
227	266	Qm-2	0.00036	0.00021
227	265	Qm-2	0.00033	0.00021
228	241	DEAD	0.	0.
228	242	DEAD	0.	0.
228	268	DEAD	0.	0.
228	267	DEAD	0.	0.
228	241	G1	-5.243E-11	-1.051E-10
228	242	G1	-5.975E-11	-2.587E-11
228	268	G1	-9.026E-11	-5.215E-11
228	267	G1	-6.984E-11	-3.092E-11
228	241	G2	0.00022	-0.00018
228	242	G2	0.00022	-0.00018
228	268	G2	0.00022	-0.00018
228	267	G2	0.00022	-0.00018
228	241	Qm	-0.00187	0.00037
228	242	Qm	-0.00184	0.00037
228	268	Qm	-0.00184	0.00047
228	267	Qm	-0.00187	0.00047
228	241	Qs	8.214E-13	-5.165E-12
228	242	Qs	-1.805E-12	-2.151E-12
228	268	Qs	-9.124E-13	-3.116E-12
228	267	Qs	-1.016E-12	-2.308E-12
228	241	T+	0.	0.
228	242	T+	0.	0.
228	268	T+	0.	0.
228	267	T+	0.	0.
228	241	T-	0.	0.
228	242	T-	0.	0.

Table 27: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13	V23
			KN/mm	KN/mm
228	268	T-	0.	0.
228	267	T-	0.	0.
228	241	W	0.00266	0.00031
228	242	W	0.00264	0.00031
228	268	W	0.00264	0.00025
228	267	W	0.00266	0.00025
228	241	Qm-1	-0.00229	0.00056
228	242	Qm-1	-0.00223	0.00056
228	268	Qm-1	-0.00223	0.00071
228	267	Qm-1	-0.00229	0.00071
228	241	Qm-2	-0.00022	0.00017
228	242	Qm-2	-0.00023	0.00017
228	268	Qm-2	-0.00023	0.00019
228	267	Qm-2	-0.00022	0.00019
229	242	DEAD	0.	0.
229	243	DEAD	0.	0.
229	269	DEAD	0.	0.
229	268	DEAD	0.	0.
229	242	G1	-1.909E-11	-6.313E-11
229	243	G1	-3.361E-11	2.989E-11
229	269	G1	-4.935E-11	-2.278E-11
229	268	G1	-9.161E-11	2.146E-12
229	242	G2	0.00022	-0.00022
229	243	G2	0.00022	-0.00022
229	269	G2	0.00022	-0.00022
229	268	G2	0.00022	-0.00022
229	242	Qm	-0.0019	0.0015
229	243	Qm	-0.00188	0.0015
229	269	Qm	-0.00188	0.00166
229	268	Qm	-0.0019	0.00166
229	242	Qs	3.288E-12	-5.490E-12
229	243	Qs	9.229E-13	-3.122E-12
229	269	Qs	3.446E-12	-4.702E-12
229	268	Qs	-5.382E-12	-4.068E-12
229	242	T+	0.	0.
229	243	T+	0.	0.
229	269	T+	0.	0.
229	268	T+	0.	0.
229	242	T-	0.	0.
229	243	T-	0.	0.
229	269	T-	0.	0.
229	268	T-	0.	0.
229	242	W	0.00266	0.0005
229	243	W	0.00265	0.0005
229	269	W	0.00265	0.00045
229	268	W	0.00266	0.00045
229	242	Qm-1	-0.00231	0.00197
229	243	Qm-1	-0.00226	0.00197
229	269	Qm-1	-0.00226	0.00218
229	268	Qm-1	-0.00231	0.00218
229	242	Qm-2	-0.00024	0.00029
229	243	Qm-2	-0.00026	0.00029
229	269	Qm-2	-0.00026	0.00033
229	268	Qm-2	-0.00024	0.00033

Table 27: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13	V23
			KN/mm	KN/mm
230	243	DEAD	0.	0.
230	244	DEAD	0.	0.
230	270	DEAD	0.	0.
230	269	DEAD	0.	0.
230	243	G1	-1.559E-11	3.805E-11
230	244	G1	-3.189E-11	8.923E-11
230	270	G1	-3.829E-11	4.057E-11
230	269	G1	-3.946E-11	2.871E-11
230	243	G2	0.00022	-0.00025
230	244	G2	0.00022	-0.00025
230	270	G2	0.00022	-0.00025
230	269	G2	0.00022	-0.00025
230	243	Qm	-0.00196	0.00272
230	244	Qm	-0.00194	0.00272
230	270	Qm	-0.00194	0.00294
230	269	Qm	-0.00196	0.00294
230	243	Qs	4.432E-12	-5.296E-12
230	244	Qs	1.025E-12	-9.897E-13
230	270	Qs	3.486E-12	-4.350E-12
230	269	Qs	-1.025E-12	-3.196E-12
230	243	T+	0.	0.
230	244	T+	0.	0.
230	270	T+	0.	0.
230	269	T+	0.	0.
230	243	T-	0.	0.
230	244	T-	0.	0.
230	270	T-	0.	0.
230	269	T-	0.	0.
230	243	W	0.00266	0.00067
230	244	W	0.00266	0.00067
230	270	W	0.00266	0.00064
230	269	W	0.00266	0.00064
230	243	Qm-1	-0.00236	0.00351
230	244	Qm-1	-0.0023	0.00351
230	270	Qm-1	-0.0023	0.00373
230	269	Qm-1	-0.00236	0.00373
230	243	Qm-2	-0.00029	0.00032
230	244	Qm-2	-0.00028	0.00032
230	270	Qm-2	-0.00028	0.00042
230	269	Qm-2	-0.00029	0.00042
231	244	DEAD	0.	0.
231	245	DEAD	0.	0.
231	271	DEAD	0.	0.
231	270	DEAD	0.	0.
231	244	G1	-7.740E-11	8.392E-11
231	245	G1	-6.203E-11	6.325E-11
231	271	G1	-5.218E-11	8.644E-11
231	270	G1	-5.446E-11	8.090E-11
231	244	G2	0.00022	-0.00027
231	245	G2	0.00022	-0.00027
231	271	G2	0.00022	-0.00027
231	270	G2	0.00022	-0.00027
231	244	Qm	-0.00203	0.00408
231	245	Qm	-0.00199	0.00408

Table 27: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13	V23
			KN/mm	KN/mm
231	271	Qm	-0.00199	0.00432
231	270	Qm	-0.00203	0.00432
231	244	Qs	-1.233E-12	-4.247E-12
231	245	Qs	3.342E-12	-3.140E-12
231	271	Qs	2.234E-12	-5.035E-12
231	270	Qs	6.623E-13	-3.140E-12
231	244	T+	0.	0.
231	245	T+	0.	0.
231	271	T+	0.	0.
231	270	T+	0.	0.
231	244	T-	0.	0.
231	245	T-	0.	0.
231	271	T-	0.	0.
231	270	T-	0.	0.
231	244	W	0.00268	0.00085
231	245	W	0.00268	0.00085
231	271	W	0.00268	0.00082
231	270	W	0.00268	0.00082
231	244	Qm-1	-0.00239	0.0052
231	245	Qm-1	-0.00235	0.0052
231	271	Qm-1	-0.00235	0.00538
231	270	Qm-1	-0.00239	0.00538
231	244	Qm-2	-0.00031	0.00026
231	245	Qm-2	-0.0003	0.00026
231	271	Qm-2	-0.0003	0.00031
231	270	Qm-2	-0.00031	0.00031
232	245	DEAD	0.	0.
232	246	DEAD	0.	0.
232	272	DEAD	0.	0.
232	271	DEAD	0.	0.
232	245	G1	-6.101E-11	-1.079E-10
232	246	G1	-4.791E-11	-1.418E-10
232	272	G1	-6.858E-11	-1.003E-10
232	271	G1	-5.547E-11	-8.384E-11
232	245	G2	0.00022	-0.00028
232	246	G2	0.00022	-0.00028
232	272	G2	0.00022	-0.00028
232	271	G2	0.00022	-0.00028
232	245	Qm	-0.00209	0.00373
232	246	Qm	-0.00204	0.00373
232	272	Qm	-0.00204	0.00392
232	271	Qm	-0.00209	0.00392
232	245	Qs	2.487E-12	-5.970E-12
232	246	Qs	2.314E-12	-4.862E-12
232	272	Qs	1.699E-12	-5.497E-12
232	271	Qs	1.053E-12	-3.601E-12
232	245	T+	0.	0.
232	246	T+	0.	0.
232	272	T+	0.	0.
232	271	T+	0.	0.
232	245	T-	0.	0.
232	246	T-	0.	0.
232	272	T-	0.	0.
232	271	T-	0.	0.

Table 27: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13	V23
			KN/mm	KN/mm
232	245	W	0.0027	0.00104
232	246	W	0.0027	0.00104
232	272	W	0.0027	0.00099
232	271	W	0.0027	0.00099
232	245	Qm-1	-0.00241	-0.00199
232	246	Qm-1	-0.00239	-0.00199
232	272	Qm-1	-0.00239	-0.00188
232	271	Qm-1	-0.00241	-0.00188
232	245	Qm-2	-0.00031	0.00015
232	246	Qm-2	-0.00032	0.00015
232	272	Qm-2	-0.00032	0.00013
232	271	Qm-2	-0.00031	0.00013
233	246	DEAD	0.	0.
233	247	DEAD	0.	0.
233	273	DEAD	0.	0.
233	272	DEAD	0.	0.
233	246	G1	-7.397E-11	-5.936E-11
233	247	G1	-7.483E-11	-7.019E-11
233	273	G1	-8.911E-11	-6.440E-11
233	272	G1	-4.457E-11	-9.289E-11
233	246	G2	0.00022	-0.00029
233	247	G2	0.00022	-0.00029
233	273	G2	0.00022	-0.00029
233	272	G2	0.00022	-0.00029
233	246	Qm	-0.0021	0.00163
233	247	Qm	-0.00206	0.00163
233	273	Qm	-0.00206	0.00171
233	272	Qm	-0.0021	0.00171
233	246	Qs	6.751E-13	-3.345E-12
233	247	Qs	-1.596E-12	-4.237E-12
233	273	Qs	-2.950E-12	-1.296E-12
233	272	Qs	4.236E-12	-3.134E-12
233	246	T+	0.	0.
233	247	T+	0.	0.
233	273	T+	0.	0.
233	272	T+	0.	0.
233	246	T-	0.	0.
233	247	T-	0.	0.
233	273	T-	0.	0.
233	272	T-	0.	0.
233	246	W	0.00272	0.0012
233	247	W	0.00272	0.0012
233	273	W	0.00272	0.00113
233	272	W	0.00272	0.00113
233	246	Qm-1	-0.00242	-0.00013
233	247	Qm-1	-0.00239	-0.00013
233	273	Qm-1	-0.00239	-7.045E-05
233	272	Qm-1	-0.00242	-7.045E-05
233	246	Qm-2	-0.0003	4.915E-05
233	247	Qm-2	-0.00032	4.915E-05
233	273	Qm-2	-0.00032	-1.708E-06
233	272	Qm-2	-0.0003	-1.708E-06
234	247	DEAD	0.	0.
234	248	DEAD	0.	0.

Table 27: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13	V23
			KN/mm	KN/mm
234	274	DEAD	0.	0.
234	273	DEAD	0.	0.
234	247	G1	-1.041E-10	5.110E-11
234	248	G1	-7.266E-11	-3.207E-11
234	274	G1	-6.626E-11	4.354E-11
234	273	G1	-8.023E-11	-4.330E-12
234	247	G2	0.00022	-0.00029
234	248	G2	0.00022	-0.00029
234	274	G2	0.00022	-0.00029
234	273	G2	0.00022	-0.00029
234	247	Qm	-0.00207	-0.00038
234	248	Qm	-0.00205	-0.00038
234	274	Qm	-0.00205	-0.00043
234	273	Qm	-0.00207	-0.00043
234	247	Qs	-1.141E-12	-1.219E-14
234	248	Qs	8.125E-13	-3.734E-12
234	274	Qs	-1.771E-12	-1.698E-13
234	273	Qs	-4.485E-13	-4.365E-12
234	247	T+	0.	0.
234	248	T+	0.	0.
234	274	T+	0.	0.
234	273	T+	0.	0.
234	247	T-	0.	0.
234	248	T-	0.	0.
234	274	T-	0.	0.
234	273	T-	0.	0.
234	247	W	0.00275	0.00133
234	248	W	0.00274	0.00133
234	274	W	0.00274	0.00125
234	273	W	0.00275	0.00125
234	247	Qm-1	-0.00241	0.00177
234	248	Qm-1	-0.00234	0.00177
234	274	Qm-1	-0.00234	0.00179
234	273	Qm-1	-0.00241	0.00179
234	247	Qm-2	-0.00032	-6.060E-05
234	248	Qm-2	-0.00026	-6.060E-05
234	274	Qm-2	-0.00026	-2.340E-05
234	273	Qm-2	-0.00032	-2.340E-05
235	248	DEAD	0.	0.
235	249	DEAD	0.	0.
235	275	DEAD	0.	0.
235	274	DEAD	0.	0.
235	248	G1	-3.917E-11	7.655E-11
235	249	G1	-5.412E-11	3.028E-11
235	275	G1	-4.674E-11	9.672E-11
235	274	G1	-6.673E-11	7.580E-12
235	248	G2	0.00022	-0.00028
235	249	G2	0.00022	-0.00028
235	275	G2	0.00022	-0.00029
235	274	G2	0.00022	-0.00029
235	248	Qm	-0.002	-0.00242
235	249	Qm	-0.00198	-0.00242
235	275	Qm	-0.00198	-0.00258
235	274	Qm	-0.002	-0.00258

Table 27: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13	V23
			KN/mm	KN/mm
235	248	Qs	1.039E-12	-1.698E-12
235	249	Qs	-4.330E-13	-5.174E-12
235	275	Qs	-2.586E-12	-1.219E-13
235	274	Qs	1.616E-12	-2.652E-12
235	248	T+	0.	0.
235	249	T+	0.	0.
235	275	T+	0.	0.
235	274	T+	0.	0.
235	248	T-	0.	0.
235	249	T-	0.	0.
235	275	T-	0.	0.
235	274	T-	0.	0.
235	248	W	0.00277	0.00141
235	249	W	0.00277	0.00141
235	275	W	0.00277	0.00134
235	274	W	0.00277	0.00134
235	248	Qm-1	-0.00234	0.0037
235	249	Qm-1	-0.00225	0.0037
235	275	Qm-1	-0.00225	0.00366
235	274	Qm-1	-0.00234	0.00366
235	248	Qm-2	-0.00027	-0.00018
235	249	Qm-2	-0.00023	-0.00018
235	275	Qm-2	-0.00023	-0.00018
235	274	Qm-2	-0.00027	-0.00018
236	249	DEAD	0.	0.
236	250	DEAD	0.	0.
236	276	DEAD	0.	0.
236	275	DEAD	0.	0.
236	249	G1	2.508E-12	-1.529E-10
236	250	G1	-2.413E-11	-1.391E-10
236	276	G1	-4.037E-11	-1.252E-10
236	275	G1	-4.431E-11	-1.215E-10
236	249	G2	0.00022	-0.00027
236	250	G2	0.00022	-0.00027
236	276	G2	0.00022	-0.00027
236	275	G2	0.00022	-0.00027
236	249	Qm	-0.00191	-0.00266
236	250	Qm	-0.00187	-0.00266
236	276	Qm	-0.00187	-0.00287
236	275	Qm	-0.00191	-0.00287
236	249	Qs	-6.638E-13	-1.389E-12
236	250	Qs	2.477E-12	-5.282E-13
236	276	Qs	7.548E-13	-1.705E-12
236	275	Qs	-2.022E-13	-1.474E-12
236	249	T+	0.	0.
236	250	T+	0.	0.
236	276	T+	0.	0.
236	275	T+	0.	0.
236	249	T-	0.	0.
236	250	T-	0.	0.
236	276	T-	0.	0.
236	275	T-	0.	0.
236	249	W	0.00279	0.00144
236	250	W	0.0028	0.00144

Table 27: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13	V23
			KN/mm	KN/mm
236	276	W	0.0028	0.0014
236	275	W	0.00279	0.0014
236	249	Qm-1	-0.00222	-0.00336
236	250	Qm-1	-0.00214	-0.00336
236	276	Qm-1	-0.00214	-0.00348
236	275	Qm-1	-0.00222	-0.00348
236	249	Qm-2	-0.00022	-0.00034
236	250	Qm-2	-0.00019	-0.00034
236	276	Qm-2	-0.00019	-0.0004
236	275	Qm-2	-0.00022	-0.0004
237	250	DEAD	0.	0.
237	251	DEAD	0.	0.
237	277	DEAD	0.	0.
237	276	DEAD	0.	0.
237	250	G1	-3.173E-11	-1.115E-10
237	251	G1	-4.693E-11	-1.149E-10
237	277	G1	-9.036E-12	-2.828E-11
237	276	G1	-4.189E-11	-2.920E-11
237	250	G2	0.00022	-0.00025
237	251	G2	0.00022	-0.00025
237	277	G2	0.00022	-0.00026
237	276	G2	0.00022	-0.00026
237	250	Qm	-0.00179	-0.00112
237	251	Qm	-0.00173	-0.00112
237	277	Qm	-0.00173	-0.00132
237	276	Qm	-0.00179	-0.00132
237	250	Qs	1.790E-12	-3.560E-12
237	251	Qs	2.097E-13	-3.775E-12
237	277	Qs	2.578E-12	1.011E-12
237	276	Qs	1.155E-12	9.538E-13
237	250	T+	0.	0.
237	251	T+	0.	0.
237	277	T+	0.	0.
237	276	T+	0.	0.
237	250	T-	0.	0.
237	251	T-	0.	0.
237	277	T-	0.	0.
237	276	T-	0.	0.
237	250	W	0.00281	0.00144
237	251	W	0.00283	0.00144
237	277	W	0.00283	0.00143
237	276	W	0.00281	0.00143
237	250	Qm-1	-0.00209	-0.00147
237	251	Qm-1	-0.00201	-0.00147
237	277	Qm-1	-0.00201	-0.00165
237	276	Qm-1	-0.00209	-0.00165
237	250	Qm-2	-0.00015	-0.00045
237	251	Qm-2	-0.00013	-0.00045
237	277	Qm-2	-0.00013	-0.00057
237	276	Qm-2	-0.00015	-0.00057
238	251	DEAD	0.	0.
238	252	DEAD	0.	0.
238	278	DEAD	0.	0.
238	277	DEAD	0.	0.

Table 27: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13	V23
			KN/mm	KN/mm
238	251	G1	-1.790E-11	5.227E-14
238	252	G1	-5.820E-11	-1.767E-11
238	278	G1	4.797E-12	1.014E-11
238	277	G1	-8.595E-11	-2.019E-11
238	251	G2	0.00022	-0.00023
238	252	G2	0.00022	-0.00023
238	278	G2	0.00022	-0.00023
238	277	G2	0.00022	-0.00023
238	251	Qm	-0.00167	0.00032
238	252	Qm	-0.00158	0.00032
238	278	Qm	-0.00158	0.00017
238	277	Qm	-0.00167	0.00017
238	251	Qs	1.772E-12	-1.731E-13
238	252	Qs	-6.468E-13	-3.218E-12
238	278	Qs	3.506E-12	-6.460E-13
238	277	Qs	-2.538E-12	-3.061E-12
238	251	T+	0.	0.
238	252	T+	0.	0.
238	278	T+	0.	0.
238	277	T+	0.	0.
238	251	T-	0.	0.
238	252	T-	0.	0.
238	278	T-	0.	0.
238	277	T-	0.	0.
238	251	W	0.00283	0.00143
238	252	W	0.00286	0.00143
238	278	W	0.00286	0.00145
238	277	W	0.00283	0.00145
238	251	Qm-1	-0.00194	0.00031
238	252	Qm-1	-0.00185	0.00031
238	278	Qm-1	-0.00185	0.00012
238	277	Qm-1	-0.00194	0.00012
238	251	Qm-2	-9.603E-05	-0.0005
238	252	Qm-2	-3.931E-05	-0.0005
238	278	Qm-2	-3.931E-05	-0.00056
238	277	Qm-2	-9.603E-05	-0.00056
239	252	DEAD	0.	0.
239	253	DEAD	0.	0.
239	279	DEAD	0.	0.
239	278	DEAD	0.	0.
239	252	G1	-2.605E-11	-2.761E-11
239	253	G1	7.162E-12	-2.466E-11
239	279	G1	4.211E-12	-1.752E-11
239	278	G1	-5.084E-11	-4.232E-11
239	252	G2	0.00022	-0.0002
239	253	G2	0.00023	-0.0002
239	279	G2	0.00023	-0.0002
239	278	G2	0.00022	-0.0002
239	252	Qm	-0.00154	0.0017
239	253	Qm	-0.00144	0.0017
239	279	Qm	-0.00144	0.00161
239	278	Qm	-0.00154	0.00161
239	252	Qs	3.656E-12	4.851E-13
239	253	Qs	2.659E-12	-2.314E-12

Table 27: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13	V23
			KN/mm	KN/mm
239	279	Qs	4.444E-12	-3.031E-13
239	278	Qs	-2.024E-14	-1.053E-12
239	252	T+	0.	0.
239	253	T+	0.	0.
239	279	T+	0.	0.
239	278	T+	0.	0.
239	252	T-	0.	0.
239	253	T-	0.	0.
239	279	T-	0.	0.
239	278	T-	0.	0.
239	252	W	0.00285	0.00144
239	253	W	0.00287	0.00144
239	279	W	0.00287	0.00145
239	278	W	0.00285	0.00145
239	252	Qm-1	-0.00178	0.00198
239	253	Qm-1	-0.00168	0.00198
239	279	Qm-1	-0.00168	0.00181
239	278	Qm-1	-0.00178	0.00181
239	252	Qm-2	-2.748E-05	-0.00048
239	253	Qm-2	2.039E-05	-0.00048
239	279	Qm-2	2.039E-05	-0.0005
239	278	Qm-2	-2.748E-05	-0.0005
240	253	DEAD	0.	0.
240	254	DEAD	0.	0.
240	280	DEAD	0.	0.
240	279	DEAD	0.	0.
240	253	G1	2.419E-11	-1.710E-10
240	254	G1	-1.499E-11	-1.361E-10
240	280	G1	-4.894E-11	-1.609E-10
240	279	G1	7.709E-12	-1.260E-10
240	253	G2	0.00023	-0.00016
240	254	G2	0.00023	-0.00016
240	280	G2	0.00023	-0.00016
240	279	G2	0.00023	-0.00016
240	253	Qm	-0.00142	0.00208
240	254	Qm	-0.00132	0.00208
240	280	Qm	-0.00132	0.00203
240	279	Qm	-0.00142	0.00203
240	253	Qs	4.748E-12	5.615E-13
240	254	Qs	2.026E-12	2.776E-12
240	280	Qs	-9.261E-13	1.350E-12
240	279	Qs	2.342E-12	5.141E-12
240	253	T+	0.	0.
240	254	T+	0.	0.
240	280	T+	0.	0.
240	279	T+	0.	0.
240	253	T-	0.	0.
240	254	T-	0.	0.
240	280	T-	0.	0.
240	279	T-	0.	0.
240	253	W	0.00287	0.00144
240	254	W	0.00287	0.00144
240	280	W	0.00287	0.00144
240	279	W	0.00287	0.00144

Table 27: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13	V23
			KN/mm	KN/mm
240	253	Qm-1	-0.00163	-0.00842
240	254	Qm-1	-0.00152	-0.00842
240	280	Qm-1	-0.00152	-0.00855
240	279	Qm-1	-0.00163	-0.00855
240	253	Qm-2	2.198E-05	-0.00043
240	254	Qm-2	6.212E-05	-0.00043
240	280	Qm-2	6.212E-05	-0.00043
240	279	Qm-2	2.198E-05	-0.00043
241	254	DEAD	0.	0.
241	255	DEAD	0.	0.
241	281	DEAD	0.	0.
241	280	DEAD	0.	0.
241	254	G1	-1.383E-11	-1.349E-10
241	255	G1	-7.879E-11	-1.566E-10
241	281	G1	-1.383E-11	-1.097E-10
241	280	G1	-5.657E-12	-1.667E-10
241	254	G2	0.00023	-0.00012
241	255	G2	0.00023	-0.00012
241	281	G2	0.00023	-0.00012
241	280	G2	0.00023	-0.00012
241	254	Qm	-0.00132	0.00147
241	255	Qm	-0.00123	0.00147
241	281	Qm	-0.00123	0.00145
241	280	Qm	-0.00132	0.00145
241	254	Qs	-2.046E-13	4.228E-12
241	255	Qs	7.637E-13	1.367E-12
241	281	Qs	4.209E-12	1.233E-12
241	280	Qs	-1.128E-12	-2.732E-12
241	254	T+	0.	0.
241	255	T+	0.	0.
241	281	T+	0.	0.
241	280	T+	0.	0.
241	254	T-	0.	0.
241	255	T-	0.	0.
241	281	T-	0.	0.
241	280	T-	0.	0.
241	254	W	0.00287	0.00143
241	255	W	0.00287	0.00143
241	281	W	0.00287	0.00142
241	280	W	0.00287	0.00142
241	254	Qm-1	-0.00148	-0.00686
241	255	Qm-1	-0.00138	-0.00686
241	281	Qm-1	-0.00138	-0.00696
241	280	Qm-1	-0.00148	-0.00696
241	254	Qm-2	5.635E-05	-0.00038
241	255	Qm-2	9.303E-05	-0.00038
241	281	Qm-2	9.303E-05	-0.00037
241	280	Qm-2	5.635E-05	-0.00037
242	255	DEAD	0.	0.
242	256	DEAD	0.	0.
242	282	DEAD	0.	0.
242	281	DEAD	0.	0.
242	255	G1	-3.810E-11	-6.829E-11
242	256	G1	-4.333E-11	-1.229E-10

Table 27: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13	V23
			KN/mm	KN/mm
242	282	G1	-5.071E-11	-7.586E-11
242	281	G1	-1.054E-11	-6.491E-11
242	255	G2	0.00023	-6.432E-05
242	256	G2	0.00024	-6.432E-05
242	282	G2	0.00024	-6.434E-05
242	281	G2	0.00023	-6.434E-05
242	255	Qm	-0.00123	0.00088
242	256	Qm	-0.00115	0.00088
242	282	Qm	-0.00115	0.00087
242	281	Qm	-0.00123	0.00087
242	255	Qs	1.627E-12	2.584E-13
242	256	Qs	-2.628E-12	-3.402E-12
242	282	Qs	-2.628E-12	1.835E-12
242	281	Qs	1.627E-12	8.539E-13
242	255	T+	0.	0.
242	256	T+	0.	0.
242	282	T+	0.	0.
242	281	T+	0.	0.
242	255	T-	0.	0.
242	256	T-	0.	0.
242	282	T-	0.	0.
242	281	T-	0.	0.
242	255	W	0.00287	0.00138
242	256	W	0.00286	0.00138
242	282	W	0.00286	0.00137
242	281	W	0.00287	0.00137
242	255	Qm-1	-0.00135	-0.00533
242	256	Qm-1	-0.00127	-0.00533
242	282	Qm-1	-0.00127	-0.00541
242	281	Qm-1	-0.00135	-0.00541
242	255	Qm-2	8.263E-05	-0.00032
242	256	Qm-2	0.00012	-0.00032
242	282	Qm-2	0.00012	-0.0003
242	281	Qm-2	8.263E-05	-0.0003
243	256	DEAD	0.	0.
243	257	DEAD	0.	0.
243	283	DEAD	0.	0.
243	282	DEAD	0.	0.
243	256	G1	-5.351E-11	-8.592E-11
243	257	G1	3.433E-11	-8.937E-11
243	283	G1	1.711E-11	-1.238E-10
243	282	G1	-4.889E-11	-1.247E-10
243	256	G2	0.00024	-7.457E-06
243	257	G2	0.00024	-7.457E-06
243	283	G2	0.00024	-6.232E-06
243	282	G2	0.00024	-6.232E-06
243	256	Qm	-0.00115	0.00032
243	257	Qm	-0.00109	0.00032
243	283	Qm	-0.00109	0.00032
243	282	Qm	-0.00115	0.00032
243	256	Qs	-2.452E-12	3.298E-13
243	257	Qs	2.261E-12	1.145E-13
243	283	Qs	2.907E-12	-1.877E-12
243	282	Qs	-2.625E-12	-1.935E-12

Table 27: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13	V23
			KN/mm	KN/mm
243	256	T+	0.	0.
243	257	T+	0.	0.
243	283	T+	0.	0.
243	282	T+	0.	0.
243	256	T-	0.	0.
243	257	T-	0.	0.
243	283	T-	0.	0.
243	282	T-	0.	0.
243	256	W	0.00286	0.00128
243	257	W	0.00288	0.00128
243	283	W	0.00288	0.00129
243	282	W	0.00286	0.00129
243	256	Qm-1	-0.00125	-0.00381
243	257	Qm-1	-0.00117	-0.00381
243	283	Qm-1	-0.00117	-0.00387
243	282	Qm-1	-0.00125	-0.00387
243	256	Qm-2	0.0001	-0.00025
243	257	Qm-2	0.00013	-0.00025
243	283	Qm-2	0.00013	-0.00022
243	282	Qm-2	0.0001	-0.00022
244	257	DEAD	0.	0.
244	258	DEAD	0.	0.
244	284	DEAD	0.	0.
244	283	DEAD	0.	0.
244	257	G1	2.896E-11	-2.984E-11
244	258	G1	-5.298E-11	-8.496E-11
244	284	G1	-1.299E-12	7.994E-12
244	283	G1	1.512E-11	-6.775E-12
244	257	G2	0.00024	5.550E-05
244	258	G2	0.00025	5.550E-05
244	284	G2	0.00025	5.861E-05
244	283	G2	0.00024	5.861E-05
244	257	Qm	-0.00109	-0.00021
244	258	Qm	-0.00104	-0.00021
244	284	Qm	-0.00104	-0.00021
244	283	Qm	-0.00109	-0.00021
244	257	Qs	2.436E-12	3.385E-12
244	258	Qs	2.505E-12	1.232E-12
244	284	Qs	2.751E-12	2.439E-12
244	283	Qs	7.711E-13	1.862E-12
244	257	T+	0.	0.
244	258	T+	0.	0.
244	284	T+	0.	0.
244	283	T+	0.	0.
244	257	T-	0.	0.
244	258	T-	0.	0.
244	284	T-	0.	0.
244	283	T-	0.	0.
244	257	W	0.00286	0.00115
244	258	W	0.00293	0.00115
244	284	W	0.00293	0.0012
244	283	W	0.00286	0.0012
244	257	Qm-1	-0.00116	-0.00231
244	258	Qm-1	-0.0011	-0.00231

Table 27: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13	V23
			KN/mm	KN/mm
244	284	Qm-1	-0.0011	-0.00234
244	283	Qm-1	-0.00116	-0.00234
244	257	Qm-2	0.00012	-0.00016
244	258	Qm-2	0.00014	-0.00016
244	284	Qm-2	0.00014	-0.00015
244	283	Qm-2	0.00012	-0.00015
245	258	DEAD	0.	0.
245	259	DEAD	0.	0.
245	285	DEAD	0.	0.
245	284	DEAD	0.	0.
245	258	G1	-1.360E-11	-2.227E-11
245	259	G1	-5.949E-11	-1.599E-12
245	285	G1	-3.882E-11	4.284E-13
245	284	G1	-1.914E-11	5.967E-12
245	258	G2	0.00025	0.00013
245	259	G2	0.00026	0.00013
245	285	G2	0.00026	0.00013
245	284	G2	0.00025	0.00013
245	258	Qm	-0.00104	-0.00073
245	259	Qm	-0.001	-0.00073
245	285	Qm	-0.001	-0.00073
245	284	Qm	-0.00104	-0.00073
245	258	Qs	1.962E-12	9.954E-13
245	259	Qs	-4.330E-13	3.185E-13
245	285	Qs	8.589E-13	2.099E-12
245	284	Qs	1.616E-12	3.185E-13
245	258	T+	0.	0.
245	259	T+	0.	0.
245	285	T+	0.	0.
245	284	T+	0.	0.
245	258	T-	0.	0.
245	259	T-	0.	0.
245	285	T-	0.	0.
245	284	T-	0.	0.
245	258	W	0.00289	0.00102
245	259	W	0.00302	0.00102
245	285	W	0.00302	0.0011
245	284	W	0.00289	0.0011
245	258	Qm-1	-0.0011	-0.0008
245	259	Qm-1	-0.00104	-0.0008
245	285	Qm-1	-0.00104	-0.00081
245	284	Qm-1	-0.0011	-0.00081
245	258	Qm-2	0.00014	-7.819E-05
245	259	Qm-2	0.00016	-7.819E-05
245	285	Qm-2	0.00016	-7.311E-05
245	284	Qm-2	0.00014	-7.311E-05
246	259	DEAD	0.	0.
246	260	DEAD	0.	0.
246	286	DEAD	0.	0.
246	285	DEAD	0.	0.
246	259	G1	-3.303E-11	6.048E-11
246	260	G1	3.321E-11	6.737E-11
246	286	G1	1.993E-11	7.057E-11
246	285	G1	-5.505E-11	7.241E-11

Table 27: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13	V23
			KN/mm	KN/mm
246	259	G2	0.00026	0.0002
246	260	G2	0.00028	0.0002
246	286	G2	0.00028	0.00021
246	285	G2	0.00026	0.00021
246	259	Qm	-0.001	-0.00122
246	260	Qm	-0.00096	-0.00122
246	286	Qm	-0.00096	-0.00122
246	285	Qm	-0.001	-0.00122
246	259	Qs	1.600E-12	4.065E-12
246	260	Qs	3.441E-12	3.819E-12
246	286	Qs	5.225E-12	4.853E-12
246	285	Qs	-2.076E-12	3.188E-12
246	259	T+	0.	0.
246	260	T+	0.	0.
246	286	T+	0.	0.
246	285	T+	0.	0.
246	259	T-	0.	0.
246	260	T-	0.	0.
246	286	T-	0.	0.
246	285	T-	0.	0.
246	259	W	0.00298	0.00094
246	260	W	0.00323	0.00094
246	286	W	0.00323	0.00101
246	285	W	0.00298	0.00101
246	259	Qm-1	-0.00105	0.00072
246	260	Qm-1	-0.00099	0.00072
246	286	Qm-1	-0.00099	0.00073
246	285	Qm-1	-0.00105	0.00073
246	259	Qm-2	0.00016	3.543E-06
246	260	Qm-2	0.00017	3.543E-06
246	286	Qm-2	0.00017	-1.030E-06
246	285	Qm-2	0.00016	-1.030E-06
247	260	DEAD	0.	0.
247	261	DEAD	0.	0.
247	287	DEAD	0.	0.
247	286	DEAD	0.	0.
247	260	G1	1.121E-11	5.394E-11
247	261	G1	1.330E-11	8.101E-11
247	287	G1	-3.926E-12	1.019E-10
247	286	G1	1.582E-11	8.353E-11
247	260	G2	0.00028	0.00029
247	261	G2	0.00031	0.00029
247	287	G2	0.00031	0.0003
247	286	G2	0.00028	0.0003
247	260	Qm	-0.00096	-0.00169
247	261	Qm	-0.00093	-0.00169
247	287	Qm	-0.00093	-0.00169
247	286	Qm	-0.00096	-0.00169
247	260	Qs	3.448E-12	2.004E-12
247	261	Qs	9.109E-13	4.619E-12
247	287	Qs	1.557E-12	2.706E-13
247	286	Qs	3.275E-12	2.570E-12
247	260	T+	0.	0.
247	261	T+	0.	0.

Table 27: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13	V23
			KN/mm	KN/mm
247	287	T+	0.	0.
247	286	T+	0.	0.
247	260	T-	0.	0.
247	261	T-	0.	0.
247	287	T-	0.	0.
247	286	T-	0.	0.
247	260	W	0.00319	0.00096
247	261	W	0.00363	0.00096
247	287	W	0.00363	0.00095
247	286	W	0.00319	0.00095
247	260	Qm-1	-0.00101	0.00227
247	261	Qm-1	-0.00096	0.00227
247	287	Qm-1	-0.00096	0.0023
247	286	Qm-1	-0.00101	0.0023
247	260	Qm-2	0.00017	7.464E-05
247	261	Qm-2	0.00018	7.464E-05
247	287	Qm-2	0.00018	6.254E-05
247	286	Qm-2	0.00017	6.254E-05
248	261	DEAD	0.	0.
248	262	DEAD	0.	0.
248	288	DEAD	0.	0.
248	287	DEAD	0.	0.
248	261	G1	1.309E-11	5.642E-11
248	262	G1	2.644E-11	4.215E-11
248	288	G1	-2.474E-11	1.270E-10
248	287	G1	1.223E-12	9.763E-11
248	261	G2	0.00031	0.00038
248	262	G2	0.00037	0.00038
248	288	G2	0.00037	0.0004
248	287	G2	0.00031	0.0004
248	261	Qm	-0.00093	-0.00215
248	262	Qm	-0.00091	-0.00215
248	288	Qm	-0.00091	-0.00216
248	287	Qm	-0.00093	-0.00216
248	261	Qs	1.708E-12	-7.794E-14
248	262	Qs	5.222E-12	-9.701E-13
248	288	Qs	2.023E-12	2.444E-12
248	287	Qs	9.662E-13	6.061E-13
248	261	T+	0.	0.
248	262	T+	0.	0.
248	288	T+	0.	0.
248	287	T+	0.	0.
248	261	T-	0.	0.
248	262	T-	0.	0.
248	288	T-	0.	0.
248	287	T-	0.	0.
248	261	W	0.0036	0.00116
248	262	W	0.00455	0.00116
248	288	W	0.00455	0.00112
248	287	W	0.0036	0.00112
248	261	Qm-1	-0.00098	0.00385
248	262	Qm-1	-0.00094	0.00385
248	288	Qm-1	-0.00094	0.00389
248	287	Qm-1	-0.00098	0.00389

Table 27: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13	V23
			KN/mm	KN/mm
248	261	Qm-2	0.00019	0.00013
248	262	Qm-2	0.0002	0.00013
248	288	Qm-2	0.0002	0.00011
248	287	Qm-2	0.00019	0.00011
249	262	DEAD	0.	0.
249	263	DEAD	0.	0.
249	289	DEAD	0.	0.
249	288	DEAD	0.	0.
249	262	G1	1.515E-11	2.137E-10
249	263	G1	5.912E-11	1.542E-10
249	289	G1	2.271E-11	1.910E-10
249	288	G1	-5.184E-11	1.239E-10
249	262	G2	0.00036	0.0005
249	263	G2	0.00049	0.0005
249	289	G2	0.00049	0.00052
249	288	G2	0.00036	0.00052
249	262	Qm	-0.00091	-0.00259
249	263	Qm	-0.00089	-0.00259
249	289	Qm	-0.00089	-0.0026
249	288	Qm	-0.00091	-0.0026
249	262	Qs	4.666E-12	6.416E-12
249	263	Qs	3.596E-12	2.694E-12
249	289	Qs	4.981E-12	6.416E-12
249	288	Qs	-5.020E-13	2.221E-12
249	262	T+	0.	0.
249	263	T+	0.	0.
249	289	T+	0.	0.
249	288	T+	0.	0.
249	262	T-	0.	0.
249	263	T-	0.	0.
249	289	T-	0.	0.
249	288	T-	0.	0.
249	262	W	0.00464	0.00217
249	263	W	0.00794	0.00217
249	289	W	0.00794	0.00114
249	288	W	0.00464	0.00114
249	262	Qm-1	-0.00096	0.00548
249	263	Qm-1	-0.00093	0.00548
249	289	Qm-1	-0.00093	0.00552
249	288	Qm-1	-0.00096	0.00552
249	262	Qm-2	0.0002	0.00016
249	263	Qm-2	0.00021	0.00016
249	289	Qm-2	0.00021	0.00015
249	288	Qm-2	0.0002	0.00015
250	263	DEAD	0.	0.
250	264	DEAD	0.	0.
250	290	DEAD	0.	0.
250	289	DEAD	0.	0.
250	263	G1	2.721E-11	2.090E-10
250	264	G1	8.698E-12	2.578E-10
250	290	G1	-2.575E-11	1.914E-10
250	289	G1	3.644E-11	2.300E-10
250	263	G2	0.00049	0.00073
250	264	G2	0.00073	0.00073

Table 27: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13	V23
			KN/mm	KN/mm
250	290	G2	0.00073	0.00059
250	289	G2	0.00049	0.00059
250	263	Qm	-0.00089	-0.00303
250	264	Qm	-0.00088	-0.00303
250	290	Qm	-0.00088	-0.00304
250	289	Qm	-0.00089	-0.00304
250	263	Qs	5.874E-12	2.269E-12
250	264	Qs	1.068E-14	3.377E-12
250	290	Qs	4.159E-14	3.373E-12
250	289	Qs	4.266E-12	5.268E-12
250	263	T+	0.	0.
250	264	T+	0.	0.
250	290	T+	0.	0.
250	289	T+	0.	0.
250	263	T-	0.	0.
250	264	T-	0.	0.
250	290	T-	0.	0.
250	289	T-	0.	0.
250	263	W	0.0112	0.01363
250	264	W	0.00505	0.01363
250	290	W	0.00505	-0.00703
250	289	W	0.0112	-0.00703
250	263	Qm-1	-0.00095	0.00715
250	264	Qm-1	-0.00093	0.00715
250	290	Qm-1	-0.00093	0.00717
250	289	Qm-1	-0.00095	0.00717
250	263	Qm-2	0.00021	0.00018
250	264	Qm-2	0.00023	0.00018
250	290	Qm-2	0.00023	0.00018
250	289	Qm-2	0.00021	0.00018
251	264	DEAD	0.	0.
251	265	DEAD	0.	0.
251	291	DEAD	0.	0.
251	290	DEAD	0.	0.
251	264	G1	-2.948E-11	-1.591E-11
251	265	G1	3.474E-11	-5.626E-11
251	291	G1	4.113E-11	4.264E-12
251	290	G1	-5.615E-12	4.462E-11
251	264	G2	0.0008	0.00067
251	265	G2	0.00073	0.00067
251	291	G2	0.00073	0.00047
251	290	G2	0.0008	0.00047
251	264	Qm	-0.00088	-0.00246
251	265	Qm	-0.00087	-0.00246
251	291	Qm	-0.00087	-0.00246
251	290	Qm	-0.00088	-0.00246
251	264	Qs	4.413E-13	4.484E-12
251	265	Qs	5.243E-12	1.500E-12
251	291	Qs	4.382E-12	4.799E-12
251	290	Qs	6.721E-13	5.598E-12
251	264	T+	0.	0.
251	265	T+	0.	0.
251	291	T+	0.	0.
251	290	T+	0.	0.

Table 27: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13	V23
			KN/mm	KN/mm
251	264	T-	0.	0.
251	265	T-	0.	0.
251	291	T-	0.	0.
251	290	T-	0.	0.
251	264	W	0.00151	-0.07463
251	265	W	-0.01344	-0.07463
251	291	W	-0.01344	0.00667
251	290	W	0.00151	0.00667
251	264	Qm-1	-0.00094	-0.00315
251	265	Qm-1	-0.00093	-0.00315
251	291	Qm-1	-0.00093	-0.00314
251	290	Qm-1	-0.00094	-0.00314
251	264	Qm-2	0.00022	0.00018
251	265	Qm-2	0.00024	0.00018
251	291	Qm-2	0.00024	0.0002
251	290	Qm-2	0.00022	0.0002
252	265	DEAD	0.	0.
252	266	DEAD	0.	0.
252	292	DEAD	0.	0.
252	291	DEAD	0.	0.
252	265	G1	2.517E-11	-4.144E-13
252	266	G1	-1.863E-11	-1.863E-11
252	292	G1	-3.536E-11	6.011E-11
252	291	G1	4.069E-12	4.069E-12
252	265	G2	0.0007	9.383E-05
252	266	G2	0.00111	9.383E-05
252	292	G2	0.00111	0.00039
252	291	G2	0.0007	0.00039
252	265	Qm	-0.00087	-0.00088
252	266	Qm	-0.00087	-0.00088
252	292	Qm	-0.00087	-0.00088
252	291	Qm	-0.00087	-0.00088
252	265	Qs	2.784E-12	4.335E-12
252	266	Qs	-5.355E-14	1.720E-12
252	292	Qs	-5.355E-14	4.492E-12
252	291	Qs	2.784E-12	2.193E-12
252	265	T+	0.	0.
252	266	T+	0.	0.
252	292	T+	0.	0.
252	291	T+	0.	0.
252	265	T-	0.	0.
252	266	T-	0.	0.
252	292	T-	0.	0.
252	291	T-	0.	0.
252	265	W	0.01641	-0.06043
252	266	W	-0.00182	-0.06043
252	292	W	-0.00182	0.00266
252	291	W	0.01641	0.00266
252	265	Qm-1	-0.00093	-0.00143
252	266	Qm-1	-0.00093	-0.00143
252	292	Qm-1	-0.00093	-0.00143
252	291	Qm-1	-0.00093	-0.00143
252	265	Qm-2	0.00022	0.00019
252	266	Qm-2	0.00025	0.00019

Table 27: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13	V23
			KN/mm	KN/mm
252	292	Qm-2	0.00025	0.00023
252	291	Qm-2	0.00022	0.00023
253	267	DEAD	0.	0.
253	268	DEAD	0.	0.
253	294	DEAD	0.	0.
253	293	DEAD	0.	0.
253	267	G1	-3.227E-11	-3.223E-11
253	268	G1	-4.494E-11	-3.567E-11
253	294	G1	-7.047E-12	-3.475E-11
253	293	G1	-4.242E-11	-3.567E-11
253	267	G2	0.00014	-0.00018
253	268	G2	0.00014	-0.00018
253	294	G2	0.00014	-0.00018
253	293	G2	0.00014	-0.00018
253	267	Qm	-0.00138	0.00046
253	268	Qm	-0.00135	0.00046
253	294	Qm	-0.00135	0.00055
253	293	Qm	-0.00138	0.00055
253	267	Qs	8.669E-13	-2.742E-12
253	268	Qs	2.097E-13	-2.958E-12
253	294	Qs	-8.669E-13	-2.900E-12
253	293	Qs	1.155E-12	-2.958E-12
253	267	T+	0.	0.
253	268	T+	0.	0.
253	294	T+	0.	0.
253	293	T+	0.	0.
253	267	T-	0.	0.
253	268	T-	0.	0.
253	294	T-	0.	0.
253	293	T-	0.	0.
253	267	W	0.00275	0.00026
253	268	W	0.00273	0.00026
253	294	W	0.00273	0.00021
253	293	W	0.00275	0.00021
253	267	Qm-1	-0.00167	0.00068
253	268	Qm-1	-0.00161	0.00068
253	294	Qm-1	-0.00161	0.00081
253	293	Qm-1	-0.00167	0.00081
253	267	Qm-2	-0.00024	0.00019
253	268	Qm-2	-0.00028	0.00019
253	294	Qm-2	-0.00028	0.00018
253	293	Qm-2	-0.00024	0.00018
254	268	DEAD	0.	0.
254	269	DEAD	0.	0.
254	295	DEAD	0.	0.
254	294	DEAD	0.	0.
254	268	G1	-9.434E-11	-1.490E-11
254	269	G1	-7.410E-11	-1.834E-11
254	295	G1	-7.165E-11	-9.855E-12
254	294	G1	-4.384E-11	-1.078E-11
254	268	G2	0.00014	-0.00022
254	269	G2	0.00014	-0.00022
254	295	G2	0.00014	-0.00022
254	294	G2	0.00014	-0.00022

Table 27: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13	V23
			KN/mm	KN/mm
254	268	Qm	-0.0014	0.00164
254	269	Qm	-0.00137	0.00164
254	295	Qm	-0.00137	0.00177
254	294	Qm	-0.0014	0.00177
254	268	Qs	-3.133E-12	-4.502E-12
254	269	Qs	-3.348E-12	-5.548E-12
254	295	Qs	-1.872E-12	-6.236E-12
254	294	Qs	-1.930E-12	-4.917E-12
254	268	T+	0.	0.
254	269	T+	0.	0.
254	295	T+	0.	0.
254	294	T+	0.	0.
254	268	T-	0.	0.
254	269	T-	0.	0.
254	295	T-	0.	0.
254	294	T-	0.	0.
254	268	W	0.00275	0.00046
254	269	W	0.00274	0.00046
254	295	W	0.00274	0.00041
254	294	W	0.00275	0.00041
254	268	Qm-1	-0.00167	0.00214
254	269	Qm-1	-0.00162	0.00214
254	295	Qm-1	-0.00162	0.00229
254	294	Qm-1	-0.00167	0.00229
254	268	Qm-2	-0.00027	0.00035
254	269	Qm-2	-0.00037	0.00035
254	295	Qm-2	-0.00037	0.00037
254	294	Qm-2	-0.00027	0.00037
255	269	DEAD	0.	0.
255	270	DEAD	0.	0.
255	296	DEAD	0.	0.
255	295	DEAD	0.	0.
255	269	G1	-7.770E-11	1.476E-11
255	270	G1	-7.568E-11	4.576E-11
255	296	G1	-7.518E-11	1.728E-11
255	295	G1	-1.034E-10	2.559E-11
255	269	G2	0.00014	-0.00025
255	270	G2	0.00014	-0.00025
255	296	G2	0.00014	-0.00025
255	295	G2	0.00014	-0.00025
255	269	Qm	-0.00143	0.00291
255	270	Qm	-0.00139	0.00291
255	296	Qm	-0.00139	0.00306
255	295	Qm	-0.00143	0.00306
255	269	Qs	-1.368E-12	-5.983E-12
255	270	Qs	-5.225E-13	-2.291E-12
255	296	Qs	-1.999E-12	-8.032E-12
255	295	Qs	-2.572E-12	-5.444E-12
255	269	T+	0.	0.
255	270	T+	0.	0.
255	296	T+	0.	0.
255	295	T+	0.	0.
255	269	T-	0.	0.
255	270	T-	0.	0.

Table 27: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13	V23
			KN/mm	KN/mm
255	296	T-	0.	0.
255	295	T-	0.	0.
255	269	W	0.00276	0.00065
255	270	W	0.00275	0.00065
255	296	W	0.00275	0.0006
255	295	W	0.00276	0.0006
255	269	Qm-1	-0.00169	0.00369
255	270	Qm-1	-0.00164	0.00369
255	296	Qm-1	-0.00164	0.00384
255	295	Qm-1	-0.00169	0.00384
255	269	Qm-2	-0.00039	0.00043
255	270	Qm-2	-0.00056	0.00043
255	296	Qm-2	-0.00056	0.00062
255	295	Qm-2	-0.00039	0.00062
256	270	DEAD	0.	0.
256	271	DEAD	0.	0.
256	297	DEAD	0.	0.
256	296	DEAD	0.	0.
256	270	G1	-4.932E-11	6.142E-11
256	271	G1	-7.135E-11	7.864E-11
256	297	G1	-8.463E-11	1.119E-10
256	296	G1	-7.135E-11	1.165E-10
256	270	G2	0.00014	-0.00027
256	271	G2	0.00014	-0.00027
256	297	G2	0.00014	-0.00027
256	296	G2	0.00014	-0.00027
256	270	Qm	-0.00146	0.00428
256	271	Qm	-0.00141	0.00428
256	297	Qm	-0.00141	0.00444
256	296	Qm	-0.00146	0.00444
256	270	Qs	-1.707E-13	-5.457E-12
256	271	Qs	-6.240E-13	-5.180E-12
256	297	Qs	-2.377E-12	-4.826E-12
256	296	Qs	1.898E-12	-1.554E-12
256	270	T+	0.	0.
256	271	T+	0.	0.
256	297	T+	0.	0.
256	296	T+	0.	0.
256	270	T-	0.	0.
256	271	T-	0.	0.
256	297	T-	0.	0.
256	296	T-	0.	0.
256	270	W	0.00277	0.00082
256	271	W	0.00277	0.00082
256	297	W	0.00277	0.00078
256	296	W	0.00277	0.00078
256	270	Qm-1	-0.0017	0.00535
256	271	Qm-1	-0.00166	0.00535
256	297	Qm-1	-0.00166	0.00547
256	296	Qm-1	-0.0017	0.00547
256	270	Qm-2	-0.00066	0.00028
256	271	Qm-2	-0.00051	0.00028
256	297	Qm-2	-0.00051	0.00052
256	296	Qm-2	-0.00066	0.00052

Table 27: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13	V23
			KN/mm	KN/mm
257	271	DEAD	0.	0.
257	272	DEAD	0.	0.
257	298	DEAD	0.	0.
257	297	DEAD	0.	0.
257	271	G1	-7.286E-11	-1.088E-10
257	272	G1	-9.377E-11	-1.009E-10
257	298	G1	-8.294E-11	-1.315E-10
257	297	G1	-1.013E-10	-7.820E-11
257	271	G2	0.00014	-0.00028
257	272	G2	0.00014	-0.00028
257	298	G2	0.00014	-0.00028
257	297	G2	0.00014	-0.00028
257	271	Qm	-0.00147	0.00389
257	272	Qm	-0.00143	0.00389
257	298	Qm	-0.00143	0.004
257	297	Qm	-0.00147	0.004
257	271	Qs	-7.289E-13	-5.332E-12
257	272	Qs	-2.909E-12	-5.731E-12
257	298	Qs	-3.093E-12	-2.495E-12
257	297	Qs	-2.278E-12	-1.003E-12
257	271	T+	0.	0.
257	272	T+	0.	0.
257	298	T+	0.	0.
257	297	T+	0.	0.
257	271	T-	0.	0.
257	272	T-	0.	0.
257	298	T-	0.	0.
257	297	T-	0.	0.
257	271	W	0.00279	0.00099
257	272	W	0.00279	0.00099
257	298	W	0.00279	0.00094
257	297	W	0.00279	0.00094
257	271	Qm-1	-0.0017	-0.0019
257	272	Qm-1	-0.00167	-0.0019
257	298	Qm-1	-0.00167	-0.00182
257	297	Qm-1	-0.0017	-0.00182
257	271	Qm-2	-0.00051	0.00017
257	272	Qm-2	-0.00071	0.00017
257	298	Qm-2	-0.00071	-5.502E-05
257	297	Qm-2	-0.00051	-5.502E-05
258	272	DEAD	0.	0.
258	273	DEAD	0.	0.
258	299	DEAD	0.	0.
258	298	DEAD	0.	0.
258	272	G1	-8.262E-11	-6.765E-11
258	273	G1	-4.256E-11	-8.094E-11
258	299	G1	-1.154E-10	-5.757E-11
258	298	G1	-3.752E-11	-3.554E-11
258	272	G2	0.00014	-0.00029
258	273	G2	0.00014	-0.00029
258	299	G2	0.00014	-0.00029
258	298	G2	0.00014	-0.00029
258	272	Qm	-0.00147	0.00169
258	273	Qm	-0.00143	0.00169

Table 27: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13	V23
			KN/mm	KN/mm
258	299	Qm	-0.00143	0.00174
258	298	Qm	-0.00147	0.00174
258	272	Qs	-2.187E-12	-5.192E-13
258	273	Qs	1.219E-14	-1.842E-12
258	299	Qs	-2.818E-12	-1.938E-12
258	298	Qs	1.698E-13	-3.891E-12
258	272	T+	0.	0.
258	273	T+	0.	0.
258	299	T+	0.	0.
258	298	T+	0.	0.
258	272	T-	0.	0.
258	273	T-	0.	0.
258	299	T-	0.	0.
258	298	T-	0.	0.
258	272	W	0.00281	0.00114
258	273	W	0.00281	0.00114
258	299	W	0.00281	0.00108
258	298	W	0.00281	0.00108
258	272	Qm-1	-0.0017	-9.095E-05
258	273	Qm-1	-0.00166	-9.095E-05
258	299	Qm-1	-0.00166	-4.729E-05
258	298	Qm-1	-0.0017	-4.729E-05
258	272	Qm-2	-0.00062	3.707E-06
258	273	Qm-2	-0.00055	3.707E-06
258	299	Qm-2	-0.00055	-0.00017
258	298	Qm-2	-0.00062	-0.00017
259	273	DEAD	0.	0.
259	274	DEAD	0.	0.
259	300	DEAD	0.	0.
259	299	DEAD	0.	0.
259	273	G1	-5.625E-11	1.170E-11
259	274	G1	-6.567E-11	8.750E-12
259	300	G1	-5.878E-11	2.179E-11
259	299	G1	-5.810E-11	4.658E-11
259	273	G2	0.00014	-0.00029
259	274	G2	0.00014	-0.00029
259	300	G2	0.00014	-0.00029
259	299	G2	0.00014	-0.00029
259	273	Qm	-0.00144	-0.00044
259	274	Qm	-0.00142	-0.00044
259	300	Qm	-0.00142	-0.00047
259	299	Qm	-0.00144	-0.00047
259	273	Qs	-1.022E-12	-2.891E-12
259	274	Qs	3.697E-13	-1.814E-12
259	300	Qs	-7.069E-13	-3.206E-12
259	299	Qs	-7.337E-13	-2.918E-12
259	273	T+	0.	0.
259	274	T+	0.	0.
259	300	T+	0.	0.
259	299	T+	0.	0.
259	273	T-	0.	0.
259	274	T-	0.	0.
259	300	T-	0.	0.
259	299	T-	0.	0.

Table 27: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13	V23
			KN/mm	KN/mm
259	273	W	0.00283	0.00126
259	274	W	0.00283	0.00126
259	300	W	0.00283	0.00119
259	299	W	0.00283	0.00119
259	273	Qm-1	-0.00167	0.00176
259	274	Qm-1	-0.00162	0.00176
259	300	Qm-1	-0.00162	0.00176
259	299	Qm-1	-0.00167	0.00176
259	273	Qm-2	-0.00054	-4.167E-05
259	274	Qm-2	-0.00059	-4.167E-05
259	300	Qm-2	-0.00059	0.00013
259	299	Qm-2	-0.00054	0.00013
260	274	DEAD	0.	0.
260	275	DEAD	0.	0.
260	301	DEAD	0.	0.
260	300	DEAD	0.	0.
260	274	G1	-1.107E-10	6.871E-11
260	275	G1	-3.319E-11	6.083E-11
260	301	G1	-1.208E-10	1.570E-10
260	300	G1	-1.049E-11	1.037E-10
260	274	G2	0.00014	-0.00028
260	275	G2	0.00014	-0.00028
260	301	G2	0.00014	-0.00029
260	300	G2	0.00014	-0.00029
260	274	Qm	-0.00139	-0.00258
260	275	Qm	-0.00138	-0.00258
260	301	Qm	-0.00138	-0.00267
260	300	Qm	-0.00139	-0.00267
260	274	Qs	-1.004E-12	-4.463E-14
260	275	Qs	2.487E-12	-2.690E-12
260	301	Qs	-1.635E-12	2.320E-12
260	300	Qs	1.699E-12	-1.587E-12
260	274	T+	0.	0.
260	275	T+	0.	0.
260	301	T+	0.	0.
260	300	T+	0.	0.
260	274	T-	0.	0.
260	275	T-	0.	0.
260	301	T-	0.	0.
260	300	T-	0.	0.
260	274	W	0.00285	0.00134
260	275	W	0.00285	0.00134
260	301	W	0.00285	0.00129
260	300	W	0.00285	0.00129
260	274	Qm-1	-0.00162	0.00363
260	275	Qm-1	-0.00157	0.00363
260	301	Qm-1	-0.00157	0.00359
260	300	Qm-1	-0.00162	0.00359
260	274	Qm-2	-0.00069	-0.00023
260	275	Qm-2	-0.00045	-0.00023
260	301	Qm-2	-0.00045	-1.267E-05
260	300	Qm-2	-0.00069	-1.267E-05
261	275	DEAD	0.	0.
261	276	DEAD	0.	0.

Table 27: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13	V23
			KN/mm	KN/mm
261	302	DEAD	0.	0.
261	301	DEAD	0.	0.
261	275	G1	-6.240E-11	-1.498E-10
261	276	G1	-4.272E-11	-1.158E-10
261	302	G1	-2.205E-11	-1.851E-10
261	301	G1	-6.794E-11	-2.016E-10
261	275	G2	0.00015	-0.00027
261	276	G2	0.00015	-0.00027
261	302	G2	0.00015	-0.00028
261	301	G2	0.00015	-0.00028
261	275	Qm	-0.00133	-0.00286
261	276	Qm	-0.00131	-0.00286
261	302	Qm	-0.00131	-0.003
261	301	Qm	-0.00133	-0.003
261	275	Qs	1.434E-12	-2.936E-12
261	276	Qs	2.772E-13	-1.060E-12
261	302	Qs	-6.150E-13	-8.865E-13
261	301	Qs	3.272E-12	-3.582E-12
261	275	T+	0.	0.
261	276	T+	0.	0.
261	302	T+	0.	0.
261	301	T+	0.	0.
261	275	T-	0.	0.
261	276	T-	0.	0.
261	302	T-	0.	0.
261	301	T-	0.	0.
261	275	W	0.00287	0.0014
261	276	W	0.00288	0.0014
261	302	W	0.00288	0.00136
261	301	W	0.00287	0.00136
261	275	Qm-1	-0.00155	-0.0035
261	276	Qm-1	-0.00149	-0.0035
261	302	Qm-1	-0.00149	-0.00358
261	301	Qm-1	-0.00155	-0.00358
261	275	Qm-2	-0.00045	-0.00038
261	276	Qm-2	-0.00057	-0.00038
261	302	Qm-2	-0.00057	-0.00063
261	301	Qm-2	-0.00045	-0.00063
262	276	DEAD	0.	0.
262	277	DEAD	0.	0.
262	303	DEAD	0.	0.
262	302	DEAD	0.	0.
262	276	G1	-5.629E-11	-4.627E-11
262	277	G1	-6.552E-11	-5.316E-11
262	303	G1	-3.107E-11	-8.914E-11
262	302	G1	-6.552E-11	-9.099E-11
262	276	G2	0.00015	-0.00026
262	277	G2	0.00015	-0.00026
262	303	G2	0.00015	-0.00026
262	302	G2	0.00015	-0.00026
262	276	Qm	-0.00125	-0.00132
262	277	Qm	-0.00122	-0.00132
262	303	Qm	-0.00122	-0.00146
262	302	Qm	-0.00125	-0.00146

Table 27: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13	V23
			KN/mm	KN/mm
262	276	Qs	-4.274E-13	-6.825E-13
262	277	Qs	-1.850E-12	-8.978E-13
262	303	Qs	5.184E-13	-6.825E-13
262	302	Qs	-1.062E-12	-7.402E-13
262	276	T+	0.	0.
262	277	T+	0.	0.
262	303	T+	0.	0.
262	302	T+	0.	0.
262	276	T-	0.	0.
262	277	T-	0.	0.
262	303	T-	0.	0.
262	302	T-	0.	0.
262	276	W	0.00289	0.00142
262	277	W	0.0029	0.00142
262	303	W	0.0029	0.0014
262	302	W	0.00289	0.0014
262	276	Qm-1	-0.00145	-0.00167
262	277	Qm-1	-0.0014	-0.00167
262	303	Qm-1	-0.0014	-0.00179
262	302	Qm-1	-0.00145	-0.00179
262	276	Qm-2	-0.00047	-0.00059
262	277	Qm-2	-0.00028	-0.00059
262	303	Qm-2	-0.00028	-0.0008
262	302	Qm-2	-0.00047	-0.0008
263	277	DEAD	0.	0.
263	278	DEAD	0.	0.
263	304	DEAD	0.	0.
263	303	DEAD	0.	0.
263	277	G1	-5.881E-11	5.159E-12
263	278	G1	-3.593E-11	-7.137E-12
263	304	G1	-2.855E-11	-8.815E-11
263	303	G1	-8.637E-11	-1.470E-11
263	277	G2	0.00015	-0.00023
263	278	G2	0.00015	-0.00023
263	304	G2	0.00015	-0.00023
263	303	G2	0.00015	-0.00023
263	277	Qm	-0.00117	0.00015
263	278	Qm	-0.00112	0.00015
263	304	Qm	-0.00112	3.735E-05
263	303	Qm	-0.00117	3.735E-05
263	277	Qs	5.906E-13	-1.487E-13
263	278	Qs	-2.204E-12	-1.379E-12
263	304	Qs	-1.774E-12	-3.063E-13
263	303	Qs	4.753E-13	2.562E-12
263	277	T+	0.	0.
263	278	T+	0.	0.
263	304	T+	0.	0.
263	303	T+	0.	0.
263	277	T-	0.	0.
263	278	T-	0.	0.
263	304	T-	0.	0.
263	303	T-	0.	0.
263	277	W	0.0029	0.00144
263	278	W	0.00292	0.00144

Table 27: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13	V23
			KN/mm	KN/mm
263	304	W	0.00292	0.00143
263	303	W	0.0029	0.00143
263	277	Qm-1	-0.00136	9.857E-05
263	278	Qm-1	-0.0013	9.857E-05
263	304	Qm-1	-0.0013	-3.190E-05
263	303	Qm-1	-0.00136	-3.190E-05
263	277	Qm-2	-0.00025	-0.0006
263	278	Qm-2	-0.00012	-0.0006
263	304	Qm-2	-0.00012	-0.00063
263	303	Qm-2	-0.00025	-0.00063
264	278	DEAD	0.	0.
264	279	DEAD	0.	0.
264	305	DEAD	0.	0.
264	304	DEAD	0.	0.
264	278	G1	-1.092E-11	-7.994E-11
264	279	G1	-1.437E-11	-3.515E-11
264	305	G1	-1.092E-11	5.373E-11
264	304	G1	-1.184E-11	6.573E-11
264	278	G2	0.00015	-0.0002
264	279	G2	0.00015	-0.0002
264	305	G2	0.00015	-0.0002
264	304	G2	0.00015	-0.0002
264	278	Qm	-0.00109	0.00158
264	279	Qm	-0.00103	0.00158
264	305	Qm	-0.00103	0.0015
264	304	Qm	-0.00109	0.0015
264	278	Qs	-6.085E-13	-9.734E-13
264	279	Qs	2.271E-12	1.032E-13
264	305	Qs	2.702E-12	-2.765E-14
264	304	Qs	-7.239E-13	2.608E-13
264	278	T+	0.	0.
264	279	T+	0.	0.
264	305	T+	0.	0.
264	304	T+	0.	0.
264	278	T-	0.	0.
264	279	T-	0.	0.
264	305	T-	0.	0.
264	304	T-	0.	0.
264	278	W	0.00292	0.00144
264	279	W	0.00293	0.00144
264	305	W	0.00293	0.00145
264	304	W	0.00292	0.00145
264	278	Qm-1	-0.00125	0.00179
264	279	Qm-1	-0.00119	0.00179
264	305	Qm-1	-0.00119	0.00167
264	304	Qm-1	-0.00125	0.00167
264	278	Qm-2	-0.00012	-0.00052
264	279	Qm-2	-4.394E-05	-0.00052
264	305	Qm-2	-4.394E-05	-0.00053
264	304	Qm-2	-0.00012	-0.00053
265	279	DEAD	0.	0.
265	280	DEAD	0.	0.
265	306	DEAD	0.	0.
265	305	DEAD	0.	0.

Table 27: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13	V23
			KN/mm	KN/mm
265	279	G1	-3.333E-11	-1.402E-10
265	280	G1	-4.096E-11	-1.436E-10
265	306	G1	-3.069E-12	-1.831E-10
265	305	G1	-4.349E-11	-1.840E-10
265	279	G2	0.00015	-0.00016
265	280	G2	0.00015	-0.00016
265	306	G2	0.00015	-0.00016
265	305	G2	0.00015	-0.00016
265	279	Qm	-0.001	0.002
265	280	Qm	-0.00094	0.002
265	306	Qm	-0.00094	0.00195
265	305	Qm	-0.001	0.00195
265	279	Qs	5.362E-13	2.745E-12
265	280	Qs	-2.001E-12	2.529E-12
265	306	Qs	-1.355E-12	1.168E-12
265	305	Qs	3.631E-13	1.111E-12
265	279	T+	0.	0.
265	280	T+	0.	0.
265	306	T+	0.	0.
265	305	T+	0.	0.
265	279	T-	0.	0.
265	280	T-	0.	0.
265	306	T-	0.	0.
265	305	T-	0.	0.
265	279	W	0.00293	0.00144
265	280	W	0.00294	0.00144
265	306	W	0.00294	0.00144
265	305	W	0.00293	0.00144
265	279	Qm-1	-0.00115	-0.00858
265	280	Qm-1	-0.00108	-0.00858
265	306	Qm-1	-0.00108	-0.00867
265	305	Qm-1	-0.00115	-0.00867
265	279	Qm-2	-4.836E-05	-0.00045
265	280	Qm-2	2.522E-06	-0.00045
265	306	Qm-2	2.522E-06	-0.00045
265	305	Qm-2	-4.836E-05	-0.00045
266	280	DEAD	0.	0.
266	281	DEAD	0.	0.
266	307	DEAD	0.	0.
266	306	DEAD	0.	0.
266	280	G1	-4.033E-11	-1.636E-10
266	281	G1	4.026E-11	-1.435E-10
266	307	G1	-2.520E-11	-1.334E-10
266	306	G1	-2.279E-11	-1.536E-10
266	280	G2	0.00015	-0.00012
266	281	G2	0.00016	-0.00012
266	307	G2	0.00016	-0.00012
266	306	G2	0.00015	-0.00012
266	280	Qm	-0.00093	0.00142
266	281	Qm	-0.00086	0.00142
266	307	Qm	-0.00086	0.00139
266	306	Qm	-0.00093	0.00139
266	280	Qs	-3.715E-12	-2.744E-12
266	281	Qs	3.529E-12	-1.021E-12

Table 27: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13	V23
			KN/mm	KN/mm
266	307	Qs	-5.624E-13	1.197E-12
266	306	Qs	-2.619E-12	1.658E-12
266	280	T+	0.	0.
266	281	T+	0.	0.
266	307	T+	0.	0.
266	306	T+	0.	0.
266	280	T-	0.	0.
266	281	T-	0.	0.
266	307	T-	0.	0.
266	306	T-	0.	0.
266	280	W	0.00294	0.00142
266	281	W	0.00294	0.00142
266	307	W	0.00294	0.00142
266	306	W	0.00294	0.00142
266	280	Qm-1	-0.00105	-0.00699
266	281	Qm-1	-0.00098	-0.00699
266	307	Qm-1	-0.00098	-0.00706
266	306	Qm-1	-0.00105	-0.00706
266	280	Qm-2	-4.197E-06	-0.00038
266	281	Qm-2	3.251E-05	-0.00038
266	307	Qm-2	3.251E-05	-0.00037
266	306	Qm-2	-4.197E-06	-0.00037
267	281	DEAD	0.	0.
267	282	DEAD	0.	0.
267	308	DEAD	0.	0.
267	307	DEAD	0.	0.
267	281	G1	2.756E-11	-8.024E-11
267	282	G1	-2.756E-11	-1.039E-10
267	308	G1	7.385E-12	-1.105E-10
267	307	G1	-7.385E-12	-9.125E-11
267	281	G2	0.00016	-6.619E-05
267	282	G2	0.00016	-6.619E-05
267	308	G2	0.00016	-6.556E-05
267	307	G2	0.00016	-6.556E-05
267	281	Qm	-0.00086	0.00085
267	282	Qm	-0.0008	0.00085
267	308	Qm	-0.0008	0.00083
267	307	Qm	-0.00086	0.00083
267	281	Qs	5.671E-12	1.981E-12
267	282	Qs	-3.599E-12	5.047E-13
267	308	Qs	1.537E-13	2.296E-12
267	307	Qs	-1.317E-13	3.499E-12
267	281	T+	0.	0.
267	282	T+	0.	0.
267	308	T+	0.	0.
267	307	T+	0.	0.
267	281	T-	0.	0.
267	282	T-	0.	0.
267	308	T-	0.	0.
267	307	T-	0.	0.
267	281	W	0.00294	0.00137
267	282	W	0.00295	0.00137
267	308	W	0.00295	0.00138
267	307	W	0.00294	0.00138

Table 27: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13	V23
			KN/mm	KN/mm
267	281	Qm-1	-0.00096	-0.00543
267	282	Qm-1	-0.0009	-0.00543
267	308	Qm-1	-0.0009	-0.00549
267	307	Qm-1	-0.00096	-0.00549
267	281	Qm-2	2.474E-05	-0.00031
267	282	Qm-2	5.293E-05	-0.00031
267	308	Qm-2	5.293E-05	-0.0003
267	307	Qm-2	2.474E-05	-0.0003
268	282	DEAD	0.	0.
268	283	DEAD	0.	0.
268	309	DEAD	0.	0.
268	308	DEAD	0.	0.
268	282	G1	-5.406E-11	-1.474E-10
268	283	G1	5.114E-11	-7.506E-11
268	309	G1	-1.875E-11	-3.897E-11
268	308	G1	1.584E-11	-1.958E-11
268	282	G2	0.00016	-8.984E-06
268	283	G2	0.00017	-8.984E-06
268	309	G2	0.00017	-7.318E-06
268	308	G2	0.00016	-7.318E-06
268	282	Qm	-0.0008	0.0003
268	283	Qm	-0.00075	0.0003
268	309	Qm	-0.00075	0.00029
268	308	Qm	-0.0008	0.00029
268	282	Qs	-2.065E-12	-4.402E-12
268	283	Qs	3.002E-12	2.057E-12
268	309	Qs	-1.120E-12	2.218E-12
268	308	Qs	6.379E-13	3.949E-12
268	282	T+	0.	0.
268	283	T+	0.	0.
268	309	T+	0.	0.
268	308	T+	0.	0.
268	282	T-	0.	0.
268	283	T-	0.	0.
268	309	T-	0.	0.
268	308	T-	0.	0.
268	282	W	0.00294	0.00128
268	283	W	0.00297	0.00128
268	309	W	0.00297	0.00131
268	308	W	0.00294	0.00131
268	282	Qm-1	-0.00088	-0.00389
268	283	Qm-1	-0.00082	-0.00389
268	309	Qm-1	-0.00082	-0.00393
268	308	Qm-1	-0.00088	-0.00393
268	282	Qm-2	4.535E-05	-0.00024
268	283	Qm-2	6.748E-05	-0.00024
268	309	Qm-2	6.748E-05	-0.00022
268	308	Qm-2	4.535E-05	-0.00022
269	283	DEAD	0.	0.
269	284	DEAD	0.	0.
269	310	DEAD	0.	0.
269	309	DEAD	0.	0.
269	283	G1	-4.667E-13	-7.632E-12
269	284	G1	-5.338E-11	-1.452E-11

Table 27: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13	V23
			KN/mm	KN/mm
269	310	G1	4.997E-11	-4.042E-11
269	309	G1	-2.816E-11	-4.226E-11
269	283	G2	0.00016	5.438E-05
269	284	G2	0.00017	5.438E-05
269	310	G2	0.00017	5.765E-05
269	309	G2	0.00016	5.765E-05
269	283	Qm	-0.00075	-0.00023
269	284	Qm	-0.00071	-0.00023
269	310	Qm	-0.00071	-0.00024
269	309	Qm	-0.00075	-0.00024
269	283	Qs	1.210E-13	3.483E-12
269	284	Qs	-3.897E-12	8.678E-13
269	310	Qs	-6.671E-13	3.798E-12
269	309	Qs	-7.444E-13	1.498E-12
269	283	T+	0.	0.
269	284	T+	0.	0.
269	310	T+	0.	0.
269	309	T+	0.	0.
269	283	T-	0.	0.
269	284	T-	0.	0.
269	310	T-	0.	0.
269	309	T-	0.	0.
269	283	W	0.00295	0.00117
269	284	W	0.00303	0.00117
269	310	W	0.00303	0.00122
269	309	W	0.00295	0.00122
269	283	Qm-1	-0.00082	-0.00236
269	284	Qm-1	-0.00076	-0.00236
269	310	Qm-1	-0.00076	-0.00238
269	309	Qm-1	-0.00082	-0.00238
269	283	Qm-2	6.133E-05	-0.00016
269	284	Qm-2	7.864E-05	-0.00016
269	310	Qm-2	7.864E-05	-0.00015
269	309	Qm-2	6.133E-05	-0.00015
270	284	DEAD	0.	0.
270	285	DEAD	0.	0.
270	311	DEAD	0.	0.
270	310	DEAD	0.	0.
270	284	G1	4.378E-12	1.161E-11
270	285	G1	-7.146E-11	1.850E-11
270	311	G1	-9.902E-11	3.935E-11
270	310	G1	1.176E-11	4.120E-11
270	284	G2	0.00017	0.00012
270	285	G2	0.00018	0.00012
270	311	G2	0.00018	0.00013
270	310	G2	0.00017	0.00013
270	284	Qm	-0.00071	-0.00074
270	285	Qm	-0.00067	-0.00074
270	311	Qm	-0.00067	-0.00074
270	310	Qm	-0.00071	-0.00074
270	284	Qs	-5.112E-13	1.308E-13
270	285	Qs	-3.721E-12	1.023E-12
270	311	Qs	-4.767E-12	1.234E-12
270	310	Qs	-1.830E-12	3.072E-12

Table 27: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13	V23
			KN/mm	KN/mm
270	284	T+	0.	0.
270	285	T+	0.	0.
270	311	T+	0.	0.
270	310	T+	0.	0.
270	284	T-	0.	0.
270	285	T-	0.	0.
270	311	T-	0.	0.
270	310	T-	0.	0.
270	284	W	0.00299	0.00104
270	285	W	0.00314	0.00104
270	311	W	0.00314	0.00111
270	310	W	0.00299	0.00111
270	284	Qm-1	-0.00076	-0.00083
270	285	Qm-1	-0.00072	-0.00083
270	311	Qm-1	-0.00072	-0.00084
270	310	Qm-1	-0.00076	-0.00084
270	284	Qm-2	7.476E-05	-8.009E-05
270	285	Qm-2	8.813E-05	-8.009E-05
270	311	Qm-2	8.813E-05	-7.648E-05
270	310	Qm-2	7.476E-05	-7.648E-05
271	285	DEAD	0.	0.
271	286	DEAD	0.	0.
271	312	DEAD	0.	0.
271	311	DEAD	0.	0.
271	285	G1	-8.740E-11	9.705E-11
271	286	G1	-4.539E-12	7.883E-11
271	312	G1	-5.966E-11	3.400E-11
271	311	G1	-7.263E-11	-2.205E-11
271	285	G2	0.00018	0.0002
271	286	G2	0.0002	0.0002
271	312	G2	0.0002	0.00021
271	311	G2	0.00018	0.00021
271	285	Qm	-0.00068	-0.00123
271	286	Qm	-0.00064	-0.00123
271	312	Qm	-0.00064	-0.00123
271	311	Qm	-0.00068	-0.00123
271	285	Qs	-2.636E-12	6.269E-12
271	286	Qs	7.629E-13	4.669E-12
271	312	Qs	-2.005E-12	4.378E-12
271	311	Qs	-3.493E-12	-8.473E-13
271	285	T+	0.	0.
271	286	T+	0.	0.
271	312	T+	0.	0.
271	311	T+	0.	0.
271	285	T-	0.	0.
271	286	T-	0.	0.
271	312	T-	0.	0.
271	311	T-	0.	0.
271	285	W	0.0031	0.0009
271	286	W	0.00335	0.0009
271	312	W	0.00335	0.00094
271	311	W	0.0031	0.00094
271	285	Qm-1	-0.00072	0.00071
271	286	Qm-1	-0.00068	0.00071

Table 27: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13	V23
			KN/mm	KN/mm
271	312	Qm-1	-0.00068	0.00072
271	311	Qm-1	-0.00072	0.00072
271	285	Qm-2	8.679E-05	-5.987E-06
271	286	Qm-2	9.695E-05	-5.987E-06
271	312	Qm-2	9.695E-05	-7.772E-06
271	311	Qm-2	8.679E-05	-7.772E-06
272	286	DEAD	0.	0.
272	287	DEAD	0.	0.
272	313	DEAD	0.	0.
272	312	DEAD	0.	0.
272	286	G1	-1.621E-11	7.222E-11
272	287	G1	-2.956E-11	3.432E-11
272	313	G1	-1.873E-11	6.465E-11
272	312	G1	-4.470E-11	5.450E-11
272	286	G2	0.0002	0.00028
272	287	G2	0.00023	0.00028
272	313	G2	0.00023	0.00029
272	312	G2	0.0002	0.00029
272	286	Qm	-0.00065	-0.00171
272	287	Qm	-0.00062	-0.00171
272	313	Qm	-0.00062	-0.00171
272	312	Qm	-0.00065	-0.00171
272	286	Qs	8.759E-13	-3.518E-13
272	287	Qs	-2.008E-12	-5.362E-13
272	313	Qs	-1.331E-12	-1.942E-13
272	312	Qs	-9.044E-13	1.355E-12
272	286	T+	0.	0.
272	287	T+	0.	0.
272	313	T+	0.	0.
272	312	T+	0.	0.
272	286	T-	0.	0.
272	287	T-	0.	0.
272	313	T-	0.	0.
272	312	T-	0.	0.
272	286	W	0.00333	0.00079
272	287	W	0.00373	0.00079
272	313	W	0.00373	0.00068
272	312	W	0.00333	0.00068
272	286	Qm-1	-0.00069	0.00228
272	287	Qm-1	-0.00065	0.00228
272	313	Qm-1	-0.00065	0.0023
272	312	Qm-1	-0.00069	0.0023
272	286	Qm-2	9.779E-05	5.918E-05
272	287	Qm-2	0.00011	5.918E-05
272	313	Qm-2	0.00011	5.350E-05
272	312	Qm-2	9.779E-05	5.350E-05
273	287	DEAD	0.	0.
273	288	DEAD	0.	0.
273	314	DEAD	0.	0.
273	313	DEAD	0.	0.
273	287	G1	-6.183E-11	9.828E-11
273	288	G1	-9.907E-12	1.091E-10
273	314	G1	-5.174E-11	9.828E-11
273	313	G1	-2.504E-11	1.268E-10

Table 27: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13	V23
			KN/mm	KN/mm
273	287	G2	0.00023	0.00037
273	288	G2	0.00028	0.00037
273	314	G2	0.00028	0.00038
273	313	G2	0.00023	0.00038
273	287	Qm	-0.00062	-0.00216
273	288	Qm	-0.0006	-0.00216
273	314	Qm	-0.0006	-0.00216
273	313	Qm	-0.00062	-0.00216
273	287	Qs	-4.119E-12	1.944E-12
273	288	Qs	3.298E-13	3.667E-12
273	314	Qs	-2.070E-12	1.787E-12
273	313	Qs	-1.877E-12	2.248E-12
273	287	T+	0.	0.
273	288	T+	0.	0.
273	314	T+	0.	0.
273	313	T+	0.	0.
273	287	T-	0.	0.
273	288	T-	0.	0.
273	314	T-	0.	0.
273	313	T-	0.	0.
273	287	W	0.00386	0.00081
273	288	W	0.00422	0.00081
273	314	W	0.00422	9.731E-05
273	313	W	0.00386	9.731E-05
273	287	Qm-1	-0.00067	0.00387
273	288	Qm-1	-0.00064	0.00387
273	314	Qm-1	-0.00064	0.0039
273	313	Qm-1	-0.00067	0.0039
273	287	Qm-2	0.00011	0.00011
273	288	Qm-2	0.00011	0.00011
273	314	Qm-2	0.00011	0.00011
273	313	Qm-2	0.00011	0.00011
274	288	DEAD	0.	0.
274	289	DEAD	0.	0.
274	315	DEAD	0.	0.
274	314	DEAD	0.	0.
274	288	G1	-2.932E-11	1.877E-10
274	289	G1	-9.090E-11	1.612E-10
274	315	G1	-3.184E-11	1.676E-10
274	314	G1	-7.072E-11	2.116E-10
274	288	G2	0.00028	0.00047
274	289	G2	0.00036	0.00047
274	315	G2	0.00036	0.00045
274	314	G2	0.00028	0.00045
274	288	Qm	-0.00061	-0.00261
274	289	Qm	-0.00059	-0.00261
274	315	Qm	-0.00059	-0.00261
274	314	Qm	-0.00061	-0.00261
274	288	Qs	1.515E-12	3.324E-12
274	289	Qs	-6.578E-12	4.063E-12
274	315	Qs	-2.425E-12	1.590E-12
274	314	Qs	-2.795E-12	6.585E-12
274	288	T+	0.	0.
274	289	T+	0.	0.

Table 27: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13	V23
			KN/mm	KN/mm
274	315	T+	0.	0.
274	314	T+	0.	0.
274	288	T-	0.	0.
274	289	T-	0.	0.
274	315	T-	0.	0.
274	314	T-	0.	0.
274	288	W	0.00486	0.00112
274	289	W	0.00399	0.00112
274	315	W	0.00399	-0.00159
274	314	W	0.00486	-0.00159
274	288	Qm-1	-0.00065	0.0055
274	289	Qm-1	-0.00062	0.0055
274	315	Qm-1	-0.00062	0.00553
274	314	Qm-1	-0.00065	0.00553
274	288	Qm-2	0.00012	0.00015
274	289	Qm-2	0.00012	0.00015
274	315	Qm-2	0.00012	0.00015
274	314	Qm-2	0.00012	0.00015
275	289	DEAD	0.	0.
275	290	DEAD	0.	0.
275	316	DEAD	0.	0.
275	315	DEAD	0.	0.
275	289	G1	-6.526E-11	2.325E-10
275	290	G1	-1.187E-11	1.946E-10
275	316	G1	-1.482E-11	1.694E-10
275	315	G1	-9.005E-11	1.593E-10
275	289	G2	0.00037	0.00055
275	290	G2	0.00042	0.00055
275	316	G2	0.00042	0.00047
275	315	G2	0.00037	0.00047
275	289	Qm	-0.00059	-0.00305
275	290	Qm	-0.00058	-0.00305
275	316	Qm	-0.00058	-0.00304
275	315	Qm	-0.00059	-0.00304
275	289	Qs	-4.531E-12	6.059E-12
275	290	Qs	-3.170E-13	3.690E-12
275	316	Qs	-7.476E-13	8.574E-13
275	315	Qs	-4.415E-12	2.227E-13
275	289	T+	0.	0.
275	290	T+	0.	0.
275	316	T+	0.	0.
275	315	T+	0.	0.
275	289	T-	0.	0.
275	290	T-	0.	0.
275	316	T-	0.	0.
275	315	T-	0.	0.
275	289	W	0.00505	-0.00489
275	290	W	0.00217	-0.00489
275	316	W	0.00217	-0.00398
275	315	W	0.00505	-0.00398
275	289	Qm-1	-0.00063	0.00717
275	290	Qm-1	-0.00062	0.00717
275	316	Qm-1	-0.00062	0.00718
275	315	Qm-1	-0.00063	0.00718

Table 27: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13	V23
			KN/mm	KN/mm
275	289	Qm-2	0.00012	0.00018
275	290	Qm-2	0.00013	0.00018
275	316	Qm-2	0.00013	0.00018
275	315	Qm-2	0.00012	0.00018
276	290	DEAD	0.	0.
276	291	DEAD	0.	0.
276	317	DEAD	0.	0.
276	316	DEAD	0.	0.
276	290	G1	-2.003E-11	3.660E-11
276	291	G1	1.964E-11	-3.575E-11
276	317	G1	1.275E-11	3.912E-11
276	316	G1	-1.819E-11	1.973E-11
276	290	G2	0.00044	0.00047
276	291	G2	0.00049	0.00047
276	317	G2	0.00049	0.00045
276	316	G2	0.00044	0.00045
276	290	Qm	-0.00058	-0.00247
276	291	Qm	-0.00057	-0.00247
276	317	Qm	-0.00057	-0.00246
276	316	Qm	-0.00058	-0.00246
276	290	Qs	7.866E-13	7.083E-12
276	291	Qs	1.770E-12	1.884E-12
276	317	Qs	3.309E-12	6.295E-12
276	316	Qs	-1.224E-12	3.303E-12
276	290	T+	0.	0.
276	291	T+	0.	0.
276	317	T+	0.	0.
276	316	T+	0.	0.
276	290	T-	0.	0.
276	291	T-	0.	0.
276	317	T-	0.	0.
276	316	T-	0.	0.
276	290	W	0.00237	0.00675
276	291	W	0.00615	0.00675
276	317	W	0.00615	-0.00945
276	316	W	0.00237	-0.00945
276	290	Qm-1	-0.00063	-0.00314
276	291	Qm-1	-0.00062	-0.00314
276	317	Qm-1	-0.00062	-0.00313
276	316	Qm-1	-0.00063	-0.00313
276	290	Qm-2	0.00013	0.0002
276	291	Qm-2	0.00013	0.0002
276	317	Qm-2	0.00013	0.00021
276	316	Qm-2	0.00013	0.00021
277	291	DEAD	0.	0.
277	292	DEAD	0.	0.
277	318	DEAD	0.	0.
277	317	DEAD	0.	0.
277	291	G1	-1.321E-11	8.017E-11
277	292	G1	-4.618E-11	7.333E-12
277	318	G1	-3.338E-11	6.252E-11
277	317	G1	3.453E-11	1.742E-11
277	291	G2	0.00047	0.00031
277	292	G2	0.00055	0.00031

Table 27: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13	V23
			KN/mm	KN/mm
277	318	G2	0.00055	0.0004
277	317	G2	0.00047	0.0004
277	291	Qm	-0.00058	-0.00088
277	292	Qm	-0.00057	-0.00088
277	318	Qm	-0.00057	-0.00087
277	317	Qm	-0.00058	-0.00087
277	291	Qs	1.692E-12	6.770E-12
277	292	Qs	-6.840E-13	2.464E-12
277	318	Qs	-1.146E-12	4.878E-12
277	317	Qs	3.414E-12	3.725E-12
277	291	T+	0.	0.
277	292	T+	0.	0.
277	318	T+	0.	0.
277	317	T+	0.	0.
277	291	T-	0.	0.
277	292	T-	0.	0.
277	318	T-	0.	0.
277	317	T-	0.	0.
277	291	W	-0.00212	0.00319
277	292	W	0.00191	0.00319
277	318	W	0.00191	-0.01033
277	317	W	-0.00212	-0.01033
277	291	Qm-1	-0.00062	-0.00143
277	292	Qm-1	-0.00062	-0.00143
277	318	Qm-1	-0.00062	-0.00142
277	317	Qm-1	-0.00062	-0.00142
277	291	Qm-2	0.00013	0.00022
277	292	Qm-2	0.00014	0.00022
277	318	Qm-2	0.00014	0.00024
277	317	Qm-2	0.00013	0.00024
278	293	DEAD	0.	0.
278	294	DEAD	0.	0.
278	320	DEAD	0.	0.
278	319	DEAD	0.	0.
278	293	G1	-2.907E-11	-3.820E-11
278	294	G1	-5.688E-11	-4.164E-11
278	320	G1	-1.898E-11	-3.315E-11
278	319	G1	-3.922E-11	-3.407E-11
278	293	G2	7.177E-05	-0.00018
278	294	G2	7.182E-05	-0.00018
278	320	G2	7.182E-05	-0.00018
278	319	G2	7.177E-05	-0.00018
278	293	Qm	-0.00086	0.00053
278	294	Qm	-0.00083	0.00053
278	320	Qm	-0.00083	0.0006
278	319	Qm	-0.00086	0.0006
278	293	Qs	-2.765E-14	-3.719E-12
278	294	Qs	1.032E-13	-3.934E-12
278	320	Qs	-9.734E-13	-3.561E-12
278	319	Qs	2.608E-13	-3.619E-12
278	293	T+	0.	0.
278	294	T+	0.	0.
278	320	T+	0.	0.
278	319	T+	0.	0.

Table 27: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13	V23
			KN/mm	KN/mm
278	293	T-	0.	0.
278	294	T-	0.	0.
278	320	T-	0.	0.
278	319	T-	0.	0.
278	293	W	0.0028	0.00022
278	294	W	0.00278	0.00022
278	320	W	0.00278	0.00016
278	319	W	0.0028	0.00016
278	293	Qm-1	-0.00101	0.00078
278	294	Qm-1	-0.00097	0.00078
278	320	Qm-1	-0.00097	0.00087
278	319	Qm-1	-0.00101	0.00087
278	293	Qm-2	-0.0002	0.00019
278	294	Qm-2	-0.00024	0.00019
278	320	Qm-2	-0.00024	0.00017
278	319	Qm-2	-0.0002	0.00017
279	294	DEAD	0.	0.
279	295	DEAD	0.	0.
279	321	DEAD	0.	0.
279	320	DEAD	0.	0.
279	294	G1	-5.298E-11	1.806E-11
279	295	G1	3.234E-11	1.461E-11
279	321	G1	1.512E-11	2.562E-11
279	320	G1	-4.836E-11	2.470E-11
279	294	G2	7.177E-05	-0.00022
279	295	G2	7.184E-05	-0.00022
279	321	G2	7.184E-05	-0.00022
279	320	G2	7.177E-05	-0.00022
279	294	Qm	-0.00086	0.00175
279	295	Qm	-0.00084	0.00175
279	321	Qm	-0.00084	0.00183
279	320	Qm	-0.00086	0.00183
279	294	Qs	-1.624E-12	-4.544E-12
279	295	Qs	2.616E-12	-4.974E-12
279	321	Qs	3.262E-12	-3.283E-12
279	320	Qs	-1.797E-12	-3.398E-12
279	294	T+	0.	0.
279	295	T+	0.	0.
279	321	T+	0.	0.
279	320	T+	0.	0.
279	294	T-	0.	0.
279	295	T-	0.	0.
279	321	T-	0.	0.
279	320	T-	0.	0.
279	294	W	0.0028	0.00042
279	295	W	0.00279	0.00042
279	321	W	0.00279	0.00037
279	320	W	0.0028	0.00037
279	294	Qm-1	-0.00101	0.00226
279	295	Qm-1	-0.00098	0.00226
279	321	Qm-1	-0.00098	0.00235
279	320	Qm-1	-0.00101	0.00235
279	294	Qm-2	-0.00023	0.0004
279	295	Qm-2	-0.00031	0.0004

Table 27: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13	V23
			KN/mm	KN/mm
279	321	Qm-2	-0.00031	0.00043
279	320	Qm-2	-0.00023	0.00043
280	295	DEAD	0.	0.
280	296	DEAD	0.	0.
280	322	DEAD	0.	0.
280	321	DEAD	0.	0.
280	295	G1	1.067E-11	8.113E-12
280	296	G1	-3.983E-11	4.668E-12
280	322	G1	-1.937E-12	2.829E-11
280	321	G1	5.189E-13	2.737E-11
280	295	G2	7.179E-05	-0.00025
280	296	G2	7.188E-05	-0.00025
280	322	G2	7.188E-05	-0.00025
280	321	G2	7.179E-05	-0.00025
280	295	Qm	-0.00088	0.00303
280	296	Qm	-0.00084	0.00303
280	322	Qm	-0.00084	0.00313
280	321	Qm	-0.00088	0.00313
280	295	Qs	1.959E-12	-6.027E-12
280	296	Qs	-4.208E-13	-6.243E-12
280	322	Qs	2.251E-13	-5.712E-12
280	321	Qs	1.786E-12	-5.770E-12
280	295	T+	0.	0.
280	296	T+	0.	0.
280	322	T+	0.	0.
280	321	T+	0.	0.
280	295	T-	0.	0.
280	296	T-	0.	0.
280	322	T-	0.	0.
280	321	T-	0.	0.
280	295	W	0.00281	0.00061
280	296	W	0.0028	0.00061
280	322	W	0.0028	0.00056
280	321	W	0.00281	0.00056
280	295	Qm-1	-0.00102	0.00381
280	296	Qm-1	-0.00098	0.00381
280	322	Qm-1	-0.00098	0.0039
280	321	Qm-1	-0.00102	0.0039
280	295	Qm-2	-0.0003	0.00071
280	296	Qm-2	-0.00053	0.00071
280	322	Qm-2	-0.00053	0.00064
280	321	Qm-2	-0.0003	0.00064
281	296	DEAD	0.	0.
281	297	DEAD	0.	0.
281	323	DEAD	0.	0.
281	322	DEAD	0.	0.
281	296	G1	-3.409E-11	9.756E-11
281	297	G1	-3.814E-11	1.320E-10
281	323	G1	-7.948E-11	9.756E-11
281	322	G1	-2.301E-11	1.068E-10
281	296	G2	7.187E-05	-0.00027
281	297	G2	7.190E-05	-0.00027
281	323	G2	7.190E-05	-0.00027
281	322	G2	7.187E-05	-0.00027

Table 27: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13	V23
			KN/mm	KN/mm
281	296	Qm	-0.00088	0.00441
281	297	Qm	-0.00085	0.00441
281	323	Qm	-0.00085	0.0045
281	322	Qm	-0.00088	0.0045
281	296	Qs	-1.372E-12	-5.817E-12
281	297	Qs	-1.771E-12	-4.341E-12
281	323	Qs	-2.633E-12	-2.191E-12
281	322	Qs	-1.141E-12	-3.395E-12
281	296	T+	0.	0.
281	297	T+	0.	0.
281	323	T+	0.	0.
281	322	T+	0.	0.
281	296	T-	0.	0.
281	297	T-	0.	0.
281	323	T-	0.	0.
281	322	T-	0.	0.
281	296	W	0.00282	0.00079
281	297	W	0.00282	0.00079
281	323	W	0.00282	0.00074
281	322	W	0.00282	0.00074
281	296	Qm-1	-0.00102	0.00545
281	297	Qm-1	-0.00099	0.00545
281	323	Qm-1	-0.00099	0.00553
281	322	Qm-1	-0.00102	0.00553
281	296	Qm-2	-0.00067	0.00064
281	297	Qm-2	-0.00184	0.00064
281	323	Qm-2	-0.00184	0.00183
281	322	Qm-2	-0.00067	0.00183
282	297	DEAD	0.	0.
282	298	DEAD	0.	0.
282	324	DEAD	0.	0.
282	323	DEAD	0.	0.
282	297	G1	-9.568E-11	-8.896E-11
282	298	G1	-4.893E-11	-1.170E-10
282	324	G1	-1.498E-11	-8.140E-11
282	323	G1	-7.920E-11	-1.145E-10
282	297	G2	7.200E-05	-0.00028
282	298	G2	7.191E-05	-0.00028
282	324	G2	7.191E-05	-0.00028
282	323	G2	7.200E-05	-0.00028
282	297	Qm	-0.00088	0.00398
282	298	Qm	-0.00085	0.00398
282	324	Qm	-0.00085	0.00405
282	323	Qm	-0.00088	0.00405
282	297	Qs	-4.673E-12	-7.768E-13
282	298	Qs	-3.232E-12	-2.561E-12
282	324	Qs	2.136E-13	-1.407E-12
282	323	Qs	-5.596E-12	-5.083E-12
282	297	T+	0.	0.
282	298	T+	0.	0.
282	324	T+	0.	0.
282	323	T+	0.	0.
282	297	T-	0.	0.
282	298	T-	0.	0.

Table 27: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13	V23
			KN/mm	KN/mm
282	324	T-	0.	0.
282	323	T-	0.	0.
282	297	W	0.00284	0.00094
282	298	W	0.00284	0.00094
282	324	W	0.00284	0.00089
282	323	W	0.00284	0.00089
282	297	Qm-1	-0.00101	-0.00184
282	298	Qm-1	-0.00098	-0.00184
282	324	Qm-1	-0.00098	-0.00178
282	323	Qm-1	-0.00101	-0.00178
282	297	Qm-2	-0.00184	-0.00015
282	298	Qm-2	-0.00074	-0.00015
282	324	Qm-2	-0.00074	-0.00134
282	323	Qm-2	-0.00184	-0.00134
283	298	DEAD	0.	0.
283	299	DEAD	0.	0.
283	325	DEAD	0.	0.
283	324	DEAD	0.	0.
283	298	G1	-2.442E-11	-8.740E-11
283	299	G1	-7.424E-11	-3.278E-11
283	325	G1	-2.946E-11	-5.966E-11
283	324	G1	-3.642E-11	-7.060E-11
283	298	G2	7.217E-05	-0.00029
283	299	G2	7.195E-05	-0.00029
283	325	G2	7.195E-05	-0.00029
283	324	G2	7.217E-05	-0.00029
283	298	Qm	-0.00087	0.00173
283	299	Qm	-0.00085	0.00173
283	325	Qm	-0.00085	0.00176
283	324	Qm	-0.00087	0.00176
283	298	Qs	-1.923E-12	-3.322E-12
283	299	Qs	-9.734E-13	-1.384E-12
283	325	Qs	-2.081E-12	-3.322E-12
283	324	Qs	-2.765E-14	-2.802E-12
283	298	T+	0.	0.
283	299	T+	0.	0.
283	325	T+	0.	0.
283	324	T+	0.	0.
283	298	T-	0.	0.
283	299	T-	0.	0.
283	325	T-	0.	0.
283	324	T-	0.	0.
283	298	W	0.00286	0.00108
283	299	W	0.00285	0.00108
283	325	W	0.00285	0.00103
283	324	W	0.00286	0.00103
283	298	Qm-1	-0.001	-6.457E-05
283	299	Qm-1	-0.00097	-6.457E-05
283	325	Qm-1	-0.00097	-4.015E-05
283	324	Qm-1	-0.001	-4.015E-05
283	298	Qm-2	-0.0006	-0.00022
283	299	Qm-2	-0.00045	-0.00022
283	325	Qm-2	-0.00045	-0.00012
283	324	Qm-2	-0.0006	-0.00012

Table 27: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13	V23
			KN/mm	KN/mm
284	299	DEAD	0.	0.
284	300	DEAD	0.	0.
284	326	DEAD	0.	0.
284	325	DEAD	0.	0.
284	299	G1	-3.387E-11	-4.953E-12
284	300	G1	-3.898E-11	-8.398E-12
284	326	G1	-1.080E-12	-1.252E-11
284	325	G1	-4.402E-11	-1.344E-11
284	299	G2	7.235E-05	-0.00029
284	300	G2	7.209E-05	-0.00029
284	326	G2	7.209E-05	-0.00029
284	325	G2	7.235E-05	-0.00029
284	299	Qm	-0.00085	-0.00048
284	300	Qm	-0.00083	-0.00048
284	326	Qm	-0.00083	-0.00049
284	325	Qm	-0.00085	-0.00049
284	299	Qs	-2.014E-12	-3.691E-12
284	300	Qs	-2.818E-12	-4.122E-12
284	326	Qs	-2.172E-12	-2.588E-12
284	325	Qs	-2.187E-12	-2.703E-12
284	299	T+	0.	0.
284	300	T+	0.	0.
284	326	T+	0.	0.
284	325	T+	0.	0.
284	299	T-	0.	0.
284	300	T-	0.	0.
284	326	T-	0.	0.
284	325	T-	0.	0.
284	299	W	0.00288	0.0012
284	300	W	0.00287	0.0012
284	326	W	0.00287	0.00114
284	325	W	0.00288	0.00114
284	299	Qm-1	-0.00098	0.00175
284	300	Qm-1	-0.00095	0.00175
284	326	Qm-1	-0.00095	0.00174
284	325	Qm-1	-0.00098	0.00174
284	299	Qm-2	-0.00045	0.00017
284	300	Qm-2	-0.00058	0.00017
284	326	Qm-2	-0.00058	6.247E-05
284	325	Qm-2	-0.00045	6.247E-05
285	300	DEAD	0.	0.
285	301	DEAD	0.	0.
285	327	DEAD	0.	0.
285	326	DEAD	0.	0.
285	300	G1	-3.476E-11	9.323E-11
285	301	G1	-3.022E-11	1.415E-10
285	327	G1	-7.007E-11	6.548E-11
285	326	G1	-1.008E-10	7.841E-11
285	300	G2	7.255E-05	-0.00029
285	301	G2	7.242E-05	-0.00029
285	327	G2	7.242E-05	-0.00029
285	326	G2	7.255E-05	-0.00029
285	300	Qm	-0.00082	-0.00267
285	301	Qm	-0.0008	-0.00267

Table 27: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13	V23
			KN/mm	KN/mm
285	327	Qm	-0.0008	-0.00273
285	326	Qm	-0.00082	-0.00273
285	300	Qs	-3.194E-12	-1.515E-12
285	301	Qs	-1.522E-12	1.284E-12
285	327	Qs	-2.721E-12	-4.037E-12
285	326	Qs	-7.669E-12	-3.287E-12
285	300	T+	0.	0.
285	301	T+	0.	0.
285	327	T+	0.	0.
285	326	T+	0.	0.
285	300	T-	0.	0.
285	301	T-	0.	0.
285	327	T-	0.	0.
285	326	T-	0.	0.
285	300	W	0.0029	0.00129
285	301	W	0.0029	0.00129
285	327	W	0.0029	0.00124
285	326	W	0.0029	0.00124
285	300	Qm-1	-0.00094	0.00358
285	301	Qm-1	-0.00091	0.00358
285	327	Qm-1	-0.00091	0.00355
285	326	Qm-1	-0.00094	0.00355
285	300	Qm-2	-0.00073	7.380E-05
285	301	Qm-2	-0.00181	7.380E-05
285	327	Qm-2	-0.00181	0.00126
285	326	Qm-2	-0.00073	0.00126
286	301	DEAD	0.	0.
286	302	DEAD	0.	0.
286	328	DEAD	0.	0.
286	327	DEAD	0.	0.
286	301	G1	-7.811E-11	-1.440E-10
286	302	G1	-3.922E-11	-1.887E-10
286	328	G1	-1.185E-10	-1.414E-10
286	327	G1	-5.688E-11	-1.534E-10
286	301	G2	7.283E-05	-0.00028
286	302	G2	7.298E-05	-0.00028
286	328	G2	7.298E-05	-0.00028
286	327	G2	7.283E-05	-0.00028
286	301	Qm	-0.00078	-0.003
286	302	Qm	-0.00076	-0.003
286	328	Qm	-0.00076	-0.00308
286	327	Qm	-0.00078	-0.00308
286	301	Qs	-1.891E-12	-1.814E-12
286	302	Qs	-3.279E-12	-1.383E-12
286	328	Qs	-4.570E-12	-5.526E-13
286	327	Qs	-1.545E-12	-4.372E-13
286	301	T+	0.	0.
286	302	T+	0.	0.
286	328	T+	0.	0.
286	327	T+	0.	0.
286	301	T-	0.	0.
286	302	T-	0.	0.
286	328	T-	0.	0.
286	327	T-	0.	0.

Table 27: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13	V23
			KN/mm	KN/mm
286	301	W	0.00291	0.00136
286	302	W	0.00292	0.00136
286	328	W	0.00292	0.00132
286	327	W	0.00291	0.00132
286	301	Qm-1	-0.0009	-0.00359
286	302	Qm-1	-0.00087	-0.00359
286	328	Qm-1	-0.00087	-0.00365
286	327	Qm-1	-0.0009	-0.00365
286	301	Qm-2	-0.00182	-0.00076
286	302	Qm-2	-0.00063	-0.00076
286	328	Qm-2	-0.00063	-0.00195
286	327	Qm-2	-0.00182	-0.00195
287	302	DEAD	0.	0.
287	303	DEAD	0.	0.
287	329	DEAD	0.	0.
287	328	DEAD	0.	0.
287	302	G1	-1.651E-11	-1.212E-10
287	303	G1	-8.357E-11	-7.344E-11
287	329	G1	-4.173E-11	-7.830E-11
287	328	G1	-5.330E-11	-9.109E-11
287	302	G2	7.327E-05	-0.00026
287	303	G2	7.377E-05	-0.00026
287	329	G2	7.377E-05	-0.00026
287	328	G2	7.327E-05	-0.00026
287	302	Qm	-0.00073	-0.00146
287	303	Qm	-0.00071	-0.00146
287	329	Qm	-0.00071	-0.00155
287	328	Qm	-0.00073	-0.00155
287	302	Qs	-4.729E-13	-1.589E-12
287	303	Qs	-3.864E-12	1.394E-12
287	329	Qs	4.729E-13	-9.588E-13
287	328	Qs	-3.234E-12	-1.758E-12
287	302	T+	0.	0.
287	303	T+	0.	0.
287	329	T+	0.	0.
287	328	T+	0.	0.
287	302	T-	0.	0.
287	303	T-	0.	0.
287	329	T-	0.	0.
287	328	T-	0.	0.
287	302	W	0.00293	0.0014
287	303	W	0.00294	0.0014
287	329	W	0.00294	0.00138
287	328	W	0.00293	0.00138
287	302	Qm-1	-0.00084	-0.0018
287	303	Qm-1	-0.00081	-0.0018
287	329	Qm-1	-0.00081	-0.00187
287	328	Qm-1	-0.00084	-0.00187
287	302	Qm-2	-0.00049	-0.00089
287	303	Qm-2	-0.00024	-0.00089
287	329	Qm-2	-0.00024	-0.00082
287	328	Qm-2	-0.00049	-0.00082
288	303	DEAD	0.	0.
288	304	DEAD	0.	0.

Table 27: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13	V23
			KN/mm	KN/mm
288	330	DEAD	0.	0.
288	329	DEAD	0.	0.
288	303	G1	-4.068E-11	-6.313E-11
288	304	G1	-5.390E-11	-8.035E-11
288	330	G1	-5.833E-11	-2.278E-11
288	329	G1	1.167E-11	-2.739E-11
288	303	G2	7.390E-05	-0.00023
288	304	G2	7.472E-05	-0.00023
288	330	G2	7.472E-05	-0.00023
288	329	G2	7.390E-05	-0.00023
288	303	Qm	-0.00068	2.996E-05
288	304	Qm	-0.00065	2.996E-05
288	330	Qm	-0.00065	-5.047E-05
288	329	Qm	-0.00068	-5.047E-05
288	303	Qs	-1.211E-12	7.581E-13
288	304	Qs	-2.372E-12	-1.149E-12
288	330	Qs	-2.156E-12	-3.004E-14
288	329	Qs	-1.268E-12	1.058E-12
288	303	T+	0.	0.
288	304	T+	0.	0.
288	330	T+	0.	0.
288	329	T+	0.	0.
288	303	T-	0.	0.
288	304	T-	0.	0.
288	330	T-	0.	0.
288	329	T-	0.	0.
288	303	W	0.00295	0.00143
288	304	W	0.00296	0.00143
288	330	W	0.00296	0.00142
288	329	W	0.00295	0.00142
288	303	Qm-1	-0.00078	-4.157E-05
288	304	Qm-1	-0.00075	-4.157E-05
288	330	Qm-1	-0.00075	-0.00012
288	329	Qm-1	-0.00078	-0.00012
288	303	Qm-2	-0.00025	-0.00067
288	304	Qm-2	-0.00015	-0.00067
288	330	Qm-2	-0.00015	-0.00071
288	329	Qm-2	-0.00025	-0.00071
289	304	DEAD	0.	0.
289	305	DEAD	0.	0.
289	331	DEAD	0.	0.
289	330	DEAD	0.	0.
289	304	G1	-1.209E-11	4.061E-11
289	305	G1	-2.477E-11	1.066E-10
289	331	G1	-2.722E-11	1.035E-11
289	330	G1	-6.260E-11	5.360E-11
289	304	G2	7.473E-05	-0.0002
289	305	G2	7.581E-05	-0.0002
289	331	G2	7.581E-05	-0.0002
289	330	G2	7.473E-05	-0.0002
289	304	Qm	-0.00062	0.00149
289	305	Qm	-0.00059	0.00149
289	331	Qm	-0.00059	0.00142
289	330	Qm	-0.00062	0.00142

Table 27: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13	V23
			KN/mm	KN/mm
289	304	Qs	-1.917E-12	-3.658E-14
289	305	Qs	2.632E-13	4.085E-12
289	331	Qs	-8.134E-13	-5.094E-13
289	330	Qs	-1.628E-12	2.194E-12
289	304	T+	0.	0.
289	305	T+	0.	0.
289	331	T+	0.	0.
289	330	T+	0.	0.
289	304	T-	0.	0.
289	305	T-	0.	0.
289	331	T-	0.	0.
289	330	T-	0.	0.
289	304	W	0.00296	0.00144
289	305	W	0.00297	0.00144
289	331	W	0.00297	0.00144
289	330	W	0.00296	0.00144
289	304	Qm-1	-0.00072	0.00166
289	305	Qm-1	-0.00068	0.00166
289	331	Qm-1	-0.00068	0.00158
289	330	Qm-1	-0.00072	0.00158
289	304	Qm-2	-0.00015	-0.00056
289	305	Qm-2	-7.540E-05	-0.00056
289	331	Qm-2	-7.540E-05	-0.00056
289	330	Qm-2	-0.00015	-0.00056
290	305	DEAD	0.	0.
290	306	DEAD	0.	0.
290	332	DEAD	0.	0.
290	331	DEAD	0.	0.
290	305	G1	-1.422E-11	-2.062E-10
290	306	G1	-2.041E-12	-2.131E-10
290	332	G1	-1.927E-11	-2.087E-10
290	331	G1	-9.607E-12	-2.106E-10
290	305	G2	7.573E-05	-0.00016
290	306	G2	7.705E-05	-0.00016
290	332	G2	7.705E-05	-0.00016
290	331	G2	7.573E-05	-0.00016
290	305	Qm	-0.00057	0.00193
290	306	Qm	-0.00053	0.00193
290	332	Qm	-0.00053	0.00188
290	331	Qm	-0.00057	0.00188
290	305	Qs	6.338E-13	-9.035E-13
290	306	Qs	-2.365E-12	-1.334E-12
290	332	Qs	3.267E-15	3.575E-13
290	331	Qs	-8.754E-16	2.421E-13
290	305	T+	0.	0.
290	306	T+	0.	0.
290	332	T+	0.	0.
290	331	T+	0.	0.
290	305	T-	0.	0.
290	306	T-	0.	0.
290	332	T-	0.	0.
290	331	T-	0.	0.
290	305	W	0.00297	0.00144
290	306	W	0.00297	0.00144

Table 27: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13	V23
			KN/mm	KN/mm
290	332	W	0.00297	0.00144
290	331	W	0.00297	0.00144
290	305	Qm-1	-0.00066	-0.00869
290	306	Qm-1	-0.00062	-0.00869
290	332	Qm-1	-0.00062	-0.00875
290	331	Qm-1	-0.00066	-0.00875
290	305	Qm-2	-8.098E-05	-0.00047
290	306	Qm-2	-3.873E-05	-0.00047
290	332	Qm-2	-3.873E-05	-0.00046
290	331	Qm-2	-8.098E-05	-0.00046
291	306	DEAD	0.	0.
291	307	DEAD	0.	0.
291	333	DEAD	0.	0.
291	332	DEAD	0.	0.
291	306	G1	-1.418E-12	-1.826E-10
291	307	G1	-2.965E-11	-1.560E-10
291	333	G1	-2.916E-11	-1.246E-10
291	332	G1	-2.713E-11	-1.687E-10
291	306	G2	7.689E-05	-0.00012
291	307	G2	7.855E-05	-0.00012
291	333	G2	7.855E-05	-0.00012
291	332	G2	7.689E-05	-0.00012
291	306	Qm	-0.00052	0.00137
291	307	Qm	-0.00048	0.00137
291	333	Qm	-0.00048	0.00133
291	332	Qm	-0.00052	0.00133
291	306	Qs	2.468E-12	2.162E-13
291	307	Qs	-7.232E-13	3.697E-13
291	333	Qs	2.617E-13	2.423E-12
291	332	Qs	-4.191E-12	-7.337E-13
291	306	T+	0.	0.
291	307	T+	0.	0.
291	333	T+	0.	0.
291	332	T+	0.	0.
291	306	T-	0.	0.
291	307	T-	0.	0.
291	333	T-	0.	0.
291	332	T-	0.	0.
291	306	W	0.00297	0.00142
291	307	W	0.00297	0.00142
291	333	W	0.00297	0.00143
291	332	W	0.00297	0.00143
291	306	Qm-1	-0.0006	-0.00708
291	307	Qm-1	-0.00055	-0.00708
291	333	Qm-1	-0.00055	-0.00713
291	332	Qm-1	-0.0006	-0.00713
291	306	Qm-2	-4.384E-05	-0.00038
291	307	Qm-2	-1.720E-05	-0.00038
291	333	Qm-2	-1.720E-05	-0.00038
291	332	Qm-2	-4.384E-05	-0.00038
292	307	DEAD	0.	0.
292	308	DEAD	0.	0.
292	334	DEAD	0.	0.
292	333	DEAD	0.	0.

Table 27: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13	V23
			KN/mm	KN/mm
292	307	G1	-6.800E-12	-1.422E-10
292	308	G1	1.061E-11	-4.078E-11
292	334	G1	-1.941E-11	-1.825E-10
292	333	G1	-4.992E-11	-7.861E-11
292	307	G2	7.825E-05	-6.693E-05
292	308	G2	8.053E-05	-6.693E-05
292	334	G2	8.053E-05	-6.641E-05
292	333	G2	7.825E-05	-6.641E-05
292	307	Qm	-0.00047	0.00081
292	308	Qm	-0.00043	0.00081
292	334	Qm	-0.00043	0.00079
292	333	Qm	-0.00047	0.00079
292	307	Qs	-4.160E-13	-2.373E-13
292	308	Qs	-6.314E-13	5.423E-12
292	334	Qs	-1.677E-12	-2.129E-12
292	333	Qs	-1.735E-12	2.586E-12
292	307	T+	0.	0.
292	308	T+	0.	0.
292	334	T+	0.	0.
292	333	T+	0.	0.
292	307	T-	0.	0.
292	308	T-	0.	0.
292	334	T-	0.	0.
292	333	T-	0.	0.
292	307	W	0.00297	0.00137
292	308	W	0.00298	0.00137
292	334	W	0.00298	0.00139
292	333	W	0.00297	0.00139
292	307	Qm-1	-0.00054	-0.0055
292	308	Qm-1	-0.0005	-0.0055
292	334	Qm-1	-0.0005	-0.00554
292	333	Qm-1	-0.00054	-0.00554
292	307	Qm-2	-2.141E-05	-0.00031
292	308	Qm-2	-3.383E-06	-0.00031
292	334	Qm-2	-3.383E-06	-0.0003
292	333	Qm-2	-2.141E-05	-0.0003
293	308	DEAD	0.	0.
293	309	DEAD	0.	0.
293	335	DEAD	0.	0.
293	334	DEAD	0.	0.
293	308	G1	-1.733E-11	-4.258E-11
293	309	G1	9.555E-12	-3.470E-11
293	335	G1	-2.490E-11	-7.536E-11
293	334	G1	-8.099E-12	-2.209E-11
293	308	G2	7.996E-05	-9.378E-06
293	309	G2	8.336E-05	-9.378E-06
293	335	G2	8.336E-05	-8.245E-06
293	334	G2	7.996E-05	-8.245E-06
293	308	Qm	-0.00043	0.00027
293	309	Qm	-0.0004	0.00027
293	335	Qm	-0.0004	0.00026
293	334	Qm	-0.00043	0.00026
293	308	Qs	-9.100E-14	2.010E-12
293	309	Qs	1.601E-12	2.749E-12

Table 27: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13	V23
			KN/mm	KN/mm
293	335	Qs	-9.100E-14	-8.271E-13
293	334	Qs	-1.237E-12	4.167E-12
293	308	T+	0.	0.
293	309	T+	0.	0.
293	335	T+	0.	0.
293	334	T+	0.	0.
293	308	T-	0.	0.
293	309	T-	0.	0.
293	335	T-	0.	0.
293	334	T-	0.	0.
293	308	W	0.00297	0.0013
293	309	W	0.00299	0.0013
293	335	W	0.00299	0.00133
293	334	W	0.00297	0.00133
293	308	Qm-1	-0.00049	-0.00395
293	309	Qm-1	-0.00045	-0.00395
293	335	Qm-1	-0.00045	-0.00397
293	334	Qm-1	-0.00049	-0.00397
293	308	Qm-2	-6.810E-06	-0.00023
293	309	Qm-2	6.103E-06	-0.00023
293	335	Qm-2	6.103E-06	-0.00023
293	334	Qm-2	-6.810E-06	-0.00023
294	309	DEAD	0.	0.
294	310	DEAD	0.	0.
294	336	DEAD	0.	0.
294	335	DEAD	0.	0.
294	309	G1	-1.875E-11	-4.775E-11
294	310	G1	-5.330E-12	-5.169E-11
294	336	G1	-5.406E-11	-2.505E-11
294	335	G1	1.989E-11	-5.169E-11
294	309	G2	8.235E-05	5.442E-05
294	310	G2	8.767E-05	5.442E-05
294	336	G2	8.767E-05	5.650E-05
294	335	G2	8.235E-05	5.650E-05
294	309	Qm	-0.0004	-0.00025
294	310	Qm	-0.00036	-0.00025
294	336	Qm	-0.00036	-0.00026
294	335	Qm	-0.0004	-0.00026
294	309	Qs	-5.606E-13	1.933E-12
294	310	Qs	8.312E-13	1.796E-13
294	336	Qs	1.016E-12	3.982E-12
294	335	Qs	9.888E-13	1.913E-12
294	309	T+	0.	0.
294	310	T+	0.	0.
294	336	T+	0.	0.
294	335	T+	0.	0.
294	309	T-	0.	0.
294	310	T-	0.	0.
294	336	T-	0.	0.
294	335	T-	0.	0.
294	309	W	0.00297	0.00119
294	310	W	0.00302	0.00119
294	336	W	0.00302	0.00124
294	335	W	0.00297	0.00124

Table 27: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13	V23
			KN/mm	KN/mm
294	309	Qm-1	-0.00045	-0.0024
294	310	Qm-1	-0.00041	-0.0024
294	336	Qm-1	-0.00041	-0.00241
294	335	Qm-1	-0.00045	-0.00241
294	309	Qm-2	3.481E-06	-0.00016
294	310	Qm-2	1.304E-05	-0.00016
294	336	Qm-2	1.304E-05	-0.00015
294	335	Qm-2	3.481E-06	-0.00015
295	310	DEAD	0.	0.
295	311	DEAD	0.	0.
295	337	DEAD	0.	0.
295	336	DEAD	0.	0.
295	310	G1	-3.108E-11	1.166E-11
295	311	G1	-1.442E-11	3.578E-11
295	337	G1	4.710E-11	4.949E-11
295	336	G1	-2.198E-11	5.595E-11
295	310	G2	8.599E-05	0.00012
295	311	G2	9.451E-05	0.00012
295	337	G2	9.451E-05	0.00013
295	336	G2	8.599E-05	0.00013
295	310	Qm	-0.00037	-0.00076
295	311	Qm	-0.00034	-0.00076
295	337	Qm	-0.00034	-0.00076
295	336	Qm	-0.00037	-0.00076
295	310	Qs	-1.324E-13	8.861E-14
295	311	Qs	-7.670E-13	2.273E-12
295	337	Qs	2.862E-12	1.822E-12
295	336	Qs	4.940E-13	4.007E-12
295	310	T+	0.	0.
295	311	T+	0.	0.
295	337	T+	0.	0.
295	336	T+	0.	0.
295	310	T-	0.	0.
295	311	T-	0.	0.
295	337	T-	0.	0.
295	336	T-	0.	0.
295	310	W	0.00299	0.00105
295	311	W	0.00308	0.00105
295	337	W	0.00308	0.00111
295	336	W	0.00299	0.00111
295	310	Qm-1	-0.00041	-0.00085
295	311	Qm-1	-0.00038	-0.00085
295	337	Qm-1	-0.00038	-0.00086
295	336	Qm-1	-0.00041	-0.00086
295	310	Qm-2	1.130E-05	-8.100E-05
295	311	Qm-2	1.847E-05	-8.100E-05
295	337	Qm-2	1.847E-05	-7.931E-05
295	336	Qm-2	1.130E-05	-7.931E-05
296	311	DEAD	0.	0.
296	312	DEAD	0.	0.
296	338	DEAD	0.	0.
296	337	DEAD	0.	0.
296	311	G1	-2.474E-11	6.563E-11
296	312	G1	-3.809E-11	-4.264E-12

Table 27: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13	V23
			KN/mm	KN/mm
296	338	G1	1.309E-11	8.580E-11
296	337	G1	-1.287E-11	1.591E-11
296	311	G2	9.196E-05	0.0002
296	312	G2	0.00011	0.0002
296	338	G2	0.00011	0.0002
296	337	G2	9.196E-05	0.0002
296	311	Qm	-0.00034	-0.00124
296	312	Qm	-0.00032	-0.00124
296	338	Qm	-0.00032	-0.00124
296	337	Qm	-0.00034	-0.00124
296	311	Qs	-8.182E-13	5.610E-12
296	312	Qs	-3.917E-13	1.919E-12
296	338	Qs	1.546E-12	1.670E-12
296	337	Qs	-1.337E-12	-9.181E-13
296	311	T+	0.	0.
296	312	T+	0.	0.
296	338	T+	0.	0.
296	337	T+	0.	0.
296	311	T-	0.	0.
296	312	T-	0.	0.
296	338	T-	0.	0.
296	337	T-	0.	0.
296	311	W	0.00305	0.00086
296	312	W	0.0032	0.00086
296	338	W	0.0032	0.00088
296	337	W	0.00305	0.00088
296	311	Qm-1	-0.00038	0.00071
296	312	Qm-1	-0.00035	0.00071
296	338	Qm-1	-0.00035	0.00071
296	337	Qm-1	-0.00038	0.00071
296	311	Qm-2	1.759E-05	-1.096E-05
296	312	Qm-2	2.299E-05	-1.096E-05
296	338	Qm-2	2.299E-05	-1.088E-05
296	337	Qm-2	1.759E-05	-1.088E-05
297	312	DEAD	0.	0.
297	313	DEAD	0.	0.
297	339	DEAD	0.	0.
297	338	DEAD	0.	0.
297	312	G1	1.686E-11	8.456E-11
297	313	G1	-1.328E-10	5.011E-11
297	339	G1	-6.637E-11	1.047E-10
297	338	G1	-5.211E-11	9.550E-11
297	312	G2	0.0001	0.00028
297	313	G2	0.00012	0.00028
297	339	G2	0.00012	0.00028
297	338	G2	0.0001	0.00028
297	312	Qm	-0.00032	-0.00172
297	313	Qm	-0.0003	-0.00172
297	339	Qm	-0.0003	-0.00171
297	338	Qm	-0.00032	-0.00171
297	312	Qs	1.561E-12	2.469E-12
297	313	Qs	-6.748E-12	-7.295E-13
297	339	Qs	-2.380E-12	2.627E-12
297	338	Qs	-2.807E-12	3.369E-12

Table 27: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13	V23
			KN/mm	KN/mm
297	312	T+	0.	0.
297	313	T+	0.	0.
297	339	T+	0.	0.
297	338	T+	0.	0.
297	312	T-	0.	0.
297	313	T-	0.	0.
297	339	T-	0.	0.
297	338	T-	0.	0.
297	312	W	0.00321	0.00059
297	313	W	0.00334	0.00059
297	339	W	0.00334	0.00045
297	338	W	0.00321	0.00045
297	312	Qm-1	-0.00036	0.00228
297	313	Qm-1	-0.00033	0.00228
297	339	Qm-1	-0.00033	0.00229
297	338	Qm-1	-0.00036	0.00229
297	312	Qm-2	2.279E-05	5.127E-05
297	313	Qm-2	2.693E-05	5.127E-05
297	339	Qm-2	2.693E-05	5.031E-05
297	338	Qm-2	2.279E-05	5.031E-05
298	313	DEAD	0.	0.
298	314	DEAD	0.	0.
298	340	DEAD	0.	0.
298	339	DEAD	0.	0.
298	313	G1	-7.588E-11	1.208E-10
298	314	G1	-7.180E-12	1.380E-10
298	340	G1	-2.745E-12	1.107E-10
298	339	G1	-1.282E-10	1.153E-10
298	313	G2	0.00012	0.00036
298	314	G2	0.00015	0.00036
298	340	G2	0.00015	0.00036
298	339	G2	0.00012	0.00036
298	313	Qm	-0.00031	-0.00217
298	314	Qm	-0.00029	-0.00217
298	340	Qm	-0.00029	-0.00216
298	339	Qm	-0.00031	-0.00216
298	313	Qs	-2.668E-12	1.735E-12
298	314	Qs	2.145E-12	4.534E-12
298	340	Qs	4.842E-13	6.314E-13
298	339	Qs	-5.421E-12	1.381E-12
298	313	T+	0.	0.
298	314	T+	0.	0.
298	340	T+	0.	0.
298	339	T+	0.	0.
298	313	T-	0.	0.
298	314	T-	0.	0.
298	340	T-	0.	0.
298	339	T-	0.	0.
298	313	W	0.00347	0.00013
298	314	W	0.00336	0.00013
298	340	W	0.00336	-0.00043
298	339	W	0.00347	-0.00043
298	313	Qm-1	-0.00034	0.00388
298	314	Qm-1	-0.00032	0.00388

Table 27: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13	V23
			KN/mm	KN/mm
298	340	Qm-1	-0.00032	0.0039
298	339	Qm-1	-0.00034	0.0039
298	313	Qm-2	2.703E-05	0.0001
298	314	Qm-2	3.046E-05	0.0001
298	340	Qm-2	3.046E-05	0.0001
298	339	Qm-2	2.703E-05	0.0001
299	314	DEAD	0.	0.
299	315	DEAD	0.	0.
299	341	DEAD	0.	0.
299	340	DEAD	0.	0.
299	314	G1	1.005E-11	1.651E-10
299	315	G1	-1.733E-11	2.133E-10
299	341	G1	1.762E-11	1.348E-10
299	340	G1	-2.490E-11	1.478E-10
299	314	G2	0.00015	0.00043
299	315	G2	0.00018	0.00043
299	341	G2	0.00018	0.00041
299	340	G2	0.00015	0.00041
299	314	Qm	-0.00029	-0.00262
299	315	Qm	-0.00028	-0.00262
299	341	Qm	-0.00028	-0.0026
299	340	Qm	-0.00029	-0.0026
299	314	Qs	4.949E-13	2.888E-12
299	315	Qs	3.372E-13	6.364E-12
299	341	Qs	1.598E-12	2.572E-12
299	340	Qs	1.756E-12	5.103E-12
299	314	T+	0.	0.
299	315	T+	0.	0.
299	341	T+	0.	0.
299	340	T+	0.	0.
299	314	T-	0.	0.
299	315	T-	0.	0.
299	341	T-	0.	0.
299	340	T-	0.	0.
299	314	W	0.0037	-0.00113
299	315	W	0.003	-0.00113
299	341	W	0.003	-0.00195
299	340	W	0.0037	-0.00195
299	314	Qm-1	-0.00032	0.00552
299	315	Qm-1	-0.00031	0.00552
299	341	Qm-1	-0.00031	0.00553
299	340	Qm-1	-0.00032	0.00553
299	314	Qm-2	3.034E-05	0.00014
299	315	Qm-2	3.359E-05	0.00014
299	341	Qm-2	3.359E-05	0.00014
299	340	Qm-2	3.034E-05	0.00014
300	315	DEAD	0.	0.
300	316	DEAD	0.	0.
300	342	DEAD	0.	0.
300	341	DEAD	0.	0.
300	315	G1	1.522E-11	1.554E-10
300	316	G1	-2.187E-11	2.037E-10
300	342	G1	-3.270E-11	2.261E-10
300	341	G1	4.371E-11	2.390E-10

Table 27: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13	V23
			KN/mm	KN/mm
300	315	G2	0.00019	0.00046
300	316	G2	0.0002	0.00046
300	342	G2	0.0002	0.00043
300	341	G2	0.00019	0.00043
300	315	Qm	-0.00029	-0.00305
300	316	Qm	-0.00027	-0.00305
300	342	Qm	-0.00027	-0.00303
300	341	Qm	-0.00029	-0.00303
300	315	Qs	1.844E-12	-9.579E-14
300	316	Qs	-1.251E-12	4.641E-12
300	342	Qs	-2.055E-13	3.372E-12
300	341	Qs	3.162E-12	4.641E-12
300	315	T+	0.	0.
300	316	T+	0.	0.
300	342	T+	0.	0.
300	341	T+	0.	0.
300	315	T-	0.	0.
300	316	T-	0.	0.
300	342	T-	0.	0.
300	341	T-	0.	0.
300	315	W	0.00317	-0.00341
300	316	W	0.00292	-0.00341
300	342	W	0.00292	-0.00365
300	341	W	0.00317	-0.00365
300	315	Qm-1	-0.00031	0.00718
300	316	Qm-1	-0.0003	0.00718
300	342	Qm-1	-0.0003	0.00719
300	341	Qm-1	-0.00031	0.00719
300	315	Qm-2	3.271E-05	0.00018
300	316	Qm-2	3.631E-05	0.00018
300	342	Qm-2	3.631E-05	0.00018
300	341	Qm-2	3.271E-05	0.00018
301	316	DEAD	0.	0.
301	317	DEAD	0.	0.
301	343	DEAD	0.	0.
301	342	DEAD	0.	0.
301	316	G1	-5.667E-11	4.349E-11
301	317	G1	5.772E-12	1.248E-11
301	343	G1	1.338E-12	4.096E-11
301	342	G1	-4.316E-12	3.266E-11
301	316	G2	0.00021	0.00043
301	317	G2	0.00023	0.00043
301	343	G2	0.00023	0.00043
301	342	G2	0.00021	0.00043
301	316	Qm	-0.00028	-0.00247
301	317	Qm	-0.00027	-0.00247
301	343	Qm	-0.00027	-0.00245
301	342	Qm	-0.00028	-0.00245
301	316	Qs	-3.639E-12	4.272E-12
301	317	Qs	7.248E-13	6.240E-12
301	343	Qs	-1.275E-12	5.375E-12
301	342	Qs	9.427E-14	7.501E-12
301	316	T+	0.	0.
301	317	T+	0.	0.

Table 27: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13	V23
			KN/mm	KN/mm
301	343	T+	0.	0.
301	342	T+	0.	0.
301	316	T-	0.	0.
301	317	T-	0.	0.
301	343	T-	0.	0.
301	342	T-	0.	0.
301	316	W	0.00287	-0.00953
301	317	W	0.00178	-0.00953
301	343	W	0.00178	-0.00459
301	342	W	0.00287	-0.00459
301	316	Qm-1	-0.00031	-0.00314
301	317	Qm-1	-0.0003	-0.00314
301	343	Qm-1	-0.0003	-0.00312
301	342	Qm-1	-0.00031	-0.00312
301	316	Qm-2	3.428E-05	0.00021
301	317	Qm-2	3.798E-05	0.00021
301	343	Qm-2	3.798E-05	0.00021
301	342	Qm-2	3.428E-05	0.00021
302	317	DEAD	0.	0.
302	318	DEAD	0.	0.
302	344	DEAD	0.	0.
302	343	DEAD	0.	0.
302	317	G1	2.440E-11	5.631E-11
302	318	G1	-5.612E-11	-1.654E-11
302	344	G1	-8.384E-12	6.892E-11
302	343	G1	3.719E-11	2.382E-11
302	317	G2	0.00022	0.00038
302	318	G2	0.00025	0.00038
302	344	G2	0.00025	0.00042
302	343	G2	0.00022	0.00042
302	317	Qm	-0.00028	-0.00087
302	318	Qm	-0.00027	-0.00087
302	344	Qm	-0.00027	-0.00085
302	343	Qm	-0.00028	-0.00085
302	317	Qs	2.455E-12	6.956E-12
302	318	Qs	-4.457E-12	4.142E-15
302	344	Qs	-2.273E-12	8.059E-12
302	343	Qs	2.713E-13	2.999E-12
302	317	T+	0.	0.
302	318	T+	0.	0.
302	344	T+	0.	0.
302	343	T+	0.	0.
302	317	T-	0.	0.
302	318	T-	0.	0.
302	344	T-	0.	0.
302	343	T-	0.	0.
302	317	W	0.00296	-0.01067
302	318	W	0.00269	-0.01067
302	344	W	0.00269	-0.00541
302	343	W	0.00296	-0.00541
302	317	Qm-1	-0.0003	-0.00143
302	318	Qm-1	-0.0003	-0.00143
302	344	Qm-1	-0.0003	-0.00141
302	343	Qm-1	-0.0003	-0.00141

Table 27: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13	V23
			KN/mm	KN/mm
302	317	Qm-2	3.476E-05	0.00024
302	318	Qm-2	3.956E-05	0.00024
302	344	Qm-2	3.956E-05	0.00025
302	343	Qm-2	3.476E-05	0.00025
303	319	DEAD	0.	0.
303	320	DEAD	0.	0.
303	346	DEAD	0.	0.
303	345	DEAD	0.	0.
303	319	G1	-5.400E-11	-5.935E-11
303	320	G1	-1.894E-11	-6.624E-11
303	346	G1	-8.608E-12	-2.656E-11
303	345	G1	-5.677E-11	-2.841E-11
303	319	G2	-2.540E-12	-0.00018
303	320	G2	-8.565E-13	-0.00018
303	346	G2	3.450E-12	-0.00018
303	345	G2	-3.694E-12	-0.00018
303	319	Qm	-0.00032	0.00059
303	320	Qm	-0.0003	0.00059
303	346	Qm	-0.0003	0.00063
303	345	Qm	-0.00032	0.00063
303	319	Qs	-2.780E-12	-4.934E-12
303	320	Qs	4.136E-14	-5.365E-12
303	346	Qs	6.873E-13	-2.255E-12
303	345	Qs	-2.953E-12	-2.370E-12
303	319	T+	0.	0.
303	320	T+	0.	0.
303	346	T+	0.	0.
303	345	T+	0.	0.
303	319	T-	0.	0.
303	320	T-	0.	0.
303	346	T-	0.	0.
303	345	T-	0.	0.
303	319	W	0.00281	0.00017
303	320	W	0.00278	0.00017
303	346	W	0.00278	0.00012
303	345	W	0.00281	0.00012
303	319	Qm-1	-0.00035	0.00086
303	320	Qm-1	-0.00033	0.00086
303	346	Qm-1	-0.00033	0.0009
303	345	Qm-1	-0.00035	0.0009
303	319	Qm-2	-9.333E-05	0.00018
303	320	Qm-2	-0.00011	0.00018
303	346	Qm-2	-0.00011	0.00017
303	345	Qm-2	-9.333E-05	0.00017
304	320	DEAD	0.	0.
304	321	DEAD	0.	0.
304	347	DEAD	0.	0.
304	346	DEAD	0.	0.
304	320	G1	-5.187E-12	4.793E-11
304	321	G1	-5.053E-11	3.760E-11
304	347	G1	1.247E-11	-1.007E-11
304	346	G1	-7.323E-11	-1.284E-11
304	320	G2	1.542E-12	-0.00022
304	321	G2	-7.119E-13	-0.00022

Table 27: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13	V23
			KN/mm	KN/mm
304	347	G2	5.010E-12	-0.00022
304	346	G2	-6.386E-12	-0.00022
304	320	Qm	-0.00032	0.00182
304	321	Qm	-0.0003	0.00182
304	347	Qm	-0.0003	0.00186
304	346	Qm	-0.00032	0.00186
304	320	Qs	1.065E-12	-1.329E-12
304	321	Qs	-1.454E-12	-3.944E-12
304	347	Qs	2.484E-12	-3.221E-12
304	346	Qs	-3.188E-12	-5.520E-12
304	320	T+	0.	0.
304	321	T+	0.	0.
304	347	T+	0.	0.
304	346	T+	0.	0.
304	320	T-	0.	0.
304	321	T-	0.	0.
304	347	T-	0.	0.
304	346	T-	0.	0.
304	320	W	0.00281	0.00038
304	321	W	0.0028	0.00038
304	347	W	0.0028	0.00033
304	346	W	0.00281	0.00033
304	320	Qm-1	-0.00035	0.00233
304	321	Qm-1	-0.00033	0.00233
304	347	Qm-1	-0.00033	0.00238
304	346	Qm-1	-0.00035	0.00238
304	320	Qm-2	-0.00011	0.00046
304	321	Qm-2	-0.00016	0.00046
304	347	Qm-2	-0.00016	0.00045
304	346	Qm-2	-0.00011	0.00045
305	321	DEAD	0.	0.
305	322	DEAD	0.	0.
305	348	DEAD	0.	0.
305	347	DEAD	0.	0.
305	321	G1	-1.174E-11	2.466E-11
305	322	G1	-1.131E-11	2.761E-11
305	348	G1	5.915E-12	4.232E-11
305	347	G1	-1.635E-11	1.752E-11
305	321	G2	4.553E-12	-0.00025
305	322	G2	-6.906E-13	-0.00025
305	348	G2	-3.643E-12	-0.00025
305	347	G2	2.147E-12	-0.00025
305	321	Qm	-0.00032	0.00311
305	322	Qm	-0.0003	0.00311
305	348	Qm	-0.0003	0.00315
305	347	Qm	-0.00032	0.00315
305	321	Qs	3.176E-13	-5.872E-12
305	322	Qs	-1.185E-12	-7.410E-12
305	348	Qs	-2.047E-12	-4.138E-12
305	347	Qs	5.484E-13	-6.149E-12
305	321	T+	0.	0.
305	322	T+	0.	0.
305	348	T+	0.	0.
305	347	T+	0.	0.

Table 27: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13	V23
			KN/mm	KN/mm
305	321	T-	0.	0.
305	322	T-	0.	0.
305	348	T-	0.	0.
305	347	T-	0.	0.
305	321	W	0.00282	0.00057
305	322	W	0.00281	0.00057
305	348	W	0.00281	0.00052
305	347	W	0.00282	0.00052
305	321	Qm-1	-0.00035	0.00389
305	322	Qm-1	-0.00033	0.00389
305	348	Qm-1	-0.00033	0.00393
305	347	Qm-1	-0.00035	0.00393
305	321	Qm-2	-0.00021	0.00065
305	322	Qm-2	-0.00016	0.00065
305	348	Qm-2	-0.00016	0.00098
305	347	Qm-2	-0.00021	0.00098
306	322	DEAD	0.	0.
306	323	DEAD	0.	0.
306	349	DEAD	0.	0.
306	348	DEAD	0.	0.
306	322	G1	2.725E-11	6.145E-11
306	323	G1	-6.134E-11	1.067E-10
306	349	G1	-5.346E-11	8.415E-11
306	348	G1	-2.603E-11	1.219E-10
306	322	G2	-9.166E-13	-0.00027
306	323	G2	-9.475E-13	-0.00027
306	349	G2	-2.178E-12	-0.00027
306	348	G2	-3.785E-12	-0.00027
306	322	Qm	-0.00032	0.00448
306	323	Qm	-0.0003	0.00448
306	349	Qm	-0.0003	0.00452
306	348	Qm	-0.00032	0.00452
306	322	Qs	3.444E-13	-5.623E-12
306	323	Qs	-2.208E-12	-2.793E-12
306	349	Qs	-3.439E-12	-4.205E-12
306	348	Qs	-2.524E-12	-1.848E-12
306	322	T+	0.	0.
306	323	T+	0.	0.
306	349	T+	0.	0.
306	348	T+	0.	0.
306	322	T-	0.	0.
306	323	T-	0.	0.
306	349	T-	0.	0.
306	348	T-	0.	0.
306	322	W	0.00283	0.00074
306	323	W	0.00283	0.00074
306	349	W	0.00283	0.00069
306	348	W	0.00283	0.00069
306	322	Qm-1	-0.00034	0.00551
306	323	Qm-1	-0.00032	0.00551
306	349	Qm-1	-0.00032	0.00554
306	348	Qm-1	-0.00034	0.00554
306	322	Qm-2	-0.00013	0.0018
306	323	Qm-2	0.00118	0.0018

Table 27: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13	V23
			KN/mm	KN/mm
306	349	Qm-2	0.00118	0.00087
306	348	Qm-2	-0.00013	0.00087
307	323	DEAD	0.	0.
307	324	DEAD	0.	0.
307	350	DEAD	0.	0.
307	349	DEAD	0.	0.
307	323	G1	-6.620E-11	-1.230E-10
307	324	G1	-2.855E-11	-8.808E-11
307	350	G1	-5.611E-11	-8.519E-11
307	349	G1	-5.881E-11	-5.025E-11
307	323	G2	-3.320E-12	-0.00028
307	324	G2	-1.389E-12	-0.00028
307	350	G2	-7.418E-12	-0.00028
307	349	G2	-1.705E-12	-0.00028
307	323	Qm	-0.00031	0.00403
307	324	Qm	-0.00029	0.00403
307	350	Qm	-0.00029	0.00406
307	349	Qm	-0.00031	0.00406
307	323	Qs	-1.953E-12	-3.622E-12
307	324	Qs	3.997E-13	-1.438E-12
307	350	Qs	-1.323E-12	-4.568E-12
307	349	Qs	-1.492E-12	-2.384E-12
307	323	T+	0.	0.
307	324	T+	0.	0.
307	350	T+	0.	0.
307	349	T+	0.	0.
307	323	T-	0.	0.
307	324	T-	0.	0.
307	350	T-	0.	0.
307	349	T-	0.	0.
307	323	W	0.00285	0.0009
307	324	W	0.00284	0.0009
307	350	W	0.00284	0.00084
307	349	W	0.00285	0.00084
307	323	Qm-1	-0.00034	-0.0018
307	324	Qm-1	-0.00032	-0.0018
307	350	Qm-1	-0.00032	-0.00178
307	349	Qm-1	-0.00034	-0.00178
307	323	Qm-2	0.00118	-0.00129
307	324	Qm-2	-0.00016	-0.00129
307	350	Qm-2	-0.00016	-0.00036
307	349	Qm-2	0.00118	-0.00036
308	324	DEAD	0.	0.
308	325	DEAD	0.	0.
308	351	DEAD	0.	0.
308	350	DEAD	0.	0.
308	324	G1	-3.813E-11	-5.382E-11
308	325	G1	-2.306E-11	-5.727E-11
308	351	G1	1.483E-11	-4.373E-11
308	350	G1	-4.828E-11	-4.466E-11
308	324	G2	-3.063E-12	-0.00029
308	325	G2	-2.348E-12	-0.00029
308	351	G2	-1.487E-12	-0.00029
308	350	G2	-3.294E-12	-0.00029

Table 27: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13	V23
			KN/mm	KN/mm
308	324	Qm	-0.0003	0.00175
308	325	Qm	-0.00028	0.00175
308	351	Qm	-0.00028	0.00175
308	350	Qm	-0.0003	0.00175
308	324	Qs	-1.091E-12	-3.275E-12
308	325	Qs	6.272E-13	-3.491E-12
308	351	Qs	1.273E-12	-9.109E-13
308	350	Qs	-1.264E-12	-9.686E-13
308	324	T+	0.	0.
308	325	T+	0.	0.
308	351	T+	0.	0.
308	350	T+	0.	0.
308	324	T-	0.	0.
308	325	T-	0.	0.
308	351	T-	0.	0.
308	350	T-	0.	0.
308	324	W	0.00287	0.00103
308	325	W	0.00286	0.00103
308	351	W	0.00286	0.00098
308	350	W	0.00287	0.00098
308	324	Qm-1	-0.00032	-5.078E-05
308	325	Qm-1	-0.00031	-5.078E-05
308	351	Qm-1	-0.00031	-4.738E-05
308	350	Qm-1	-0.00032	-4.738E-05
308	324	Qm-2	-0.00019	-0.00011
308	325	Qm-2	-0.0003	-0.00011
308	351	Qm-2	-0.0003	-0.00044
308	350	Qm-2	-0.00019	-0.00044
309	325	DEAD	0.	0.
309	326	DEAD	0.	0.
309	352	DEAD	0.	0.
309	351	DEAD	0.	0.
309	325	G1	-1.422E-11	-4.133E-11
309	326	G1	-5.716E-11	-4.477E-11
309	352	G1	-1.927E-11	2.677E-11
309	351	G1	-2.438E-11	2.584E-11
309	325	G2	-1.219E-13	-0.00029
309	326	G2	-6.435E-12	-0.00029
309	352	G2	-1.698E-12	-0.00029
309	351	G2	-1.391E-12	-0.00029
309	325	Qm	-0.00028	-0.0005
309	326	Qm	-0.00027	-0.0005
309	352	Qm	-0.00027	-0.00051
309	351	Qm	-0.00028	-0.00051
309	325	Qs	-9.246E-13	-4.366E-12
309	326	Qs	5.658E-15	-4.797E-12
309	352	Qs	6.516E-13	3.623E-13
309	351	Qs	-1.098E-12	2.469E-13
309	325	T+	0.	0.
309	326	T+	0.	0.
309	352	T+	0.	0.
309	351	T+	0.	0.
309	325	T-	0.	0.
309	326	T-	0.	0.

Table 27: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13	V23
			KN/mm	KN/mm
309	352	T-	0.	0.
309	351	T-	0.	0.
309	325	W	0.00289	0.00115
309	326	W	0.00288	0.00115
309	352	W	0.00288	0.00109
309	351	W	0.00289	0.00109
309	325	Qm-1	-0.00031	0.00173
309	326	Qm-1	-0.00029	0.00173
309	352	Qm-1	-0.00029	0.00172
309	351	Qm-1	-0.00031	0.00172
309	325	Qm-2	-0.0003	4.909E-05
309	326	Qm-2	-0.00019	4.909E-05
309	352	Qm-2	-0.00019	0.00038
309	351	Qm-2	-0.0003	0.00038
310	326	DEAD	0.	0.
310	327	DEAD	0.	0.
310	353	DEAD	0.	0.
310	352	DEAD	0.	0.
310	326	G1	-2.273E-11	7.838E-11
310	327	G1	-6.037E-11	5.032E-11
310	353	G1	-5.299E-11	6.577E-11
310	352	G1	-5.029E-11	3.267E-11
310	326	G2	-4.102E-12	-0.00029
310	327	G2	-5.363E-12	-0.00029
310	353	G2	-5.363E-12	-0.00029
310	352	G2	-4.102E-12	-0.00029
310	326	Qm	-0.00026	-0.00273
310	327	Qm	-0.00025	-0.00273
310	353	Qm	-0.00025	-0.00276
310	352	Qm	-0.00026	-0.00276
310	326	Qs	1.394E-12	-3.837E-12
310	327	Qs	-2.681E-12	-5.344E-12
310	353	Qs	-1.758E-12	-2.261E-12
310	352	Qs	-2.051E-12	-2.664E-12
310	326	T+	0.	0.
310	327	T+	0.	0.
310	353	T+	0.	0.
310	352	T+	0.	0.
310	326	T-	0.	0.
310	327	T-	0.	0.
310	353	T-	0.	0.
310	352	T-	0.	0.
310	326	W	0.00291	0.00125
310	327	W	0.00291	0.00125
310	353	W	0.00291	0.0012
310	352	W	0.00291	0.0012
310	326	Qm-1	-0.00029	0.00354
310	327	Qm-1	-0.00027	0.00354
310	353	Qm-1	-0.00027	0.00352
310	352	Qm-1	-0.00029	0.00352
310	326	Qm-2	-0.00016	0.00121
310	327	Qm-2	0.00118	0.00121
310	353	Qm-2	0.00118	0.00028
310	352	Qm-2	-0.00016	0.00028

Table 27: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13	V23
			KN/mm	KN/mm
311	327	DEAD	0.	0.
311	328	DEAD	0.	0.
311	354	DEAD	0.	0.
311	353	DEAD	0.	0.
311	327	G1	-3.587E-11	-1.628E-10
311	328	G1	-6.645E-11	-1.559E-10
311	354	G1	-3.839E-11	-1.502E-10
311	353	G1	-6.897E-11	-1.484E-10
311	327	G2	-4.745E-12	-0.00028
311	328	G2	-9.851E-12	-0.00028
311	354	G2	-7.267E-12	-0.00028
311	353	G2	-5.438E-12	-0.00028
311	327	Qm	-0.00024	-0.00308
311	328	Qm	-0.00023	-0.00308
311	354	Qm	-0.00023	-0.00312
311	353	Qm	-0.00024	-0.00312
311	327	Qs	-2.439E-12	-8.288E-13
311	328	Qs	-4.677E-12	-1.829E-13
311	354	Qs	-3.385E-12	-2.720E-12
311	353	Qs	-2.785E-12	-2.547E-12
311	327	T+	0.	0.
311	328	T+	0.	0.
311	354	T+	0.	0.
311	353	T+	0.	0.
311	327	T-	0.	0.
311	328	T-	0.	0.
311	354	T-	0.	0.
311	353	T-	0.	0.
311	327	W	0.00292	0.00132
311	328	W	0.00293	0.00132
311	354	W	0.00293	0.00128
311	353	W	0.00292	0.00128
311	327	Qm-1	-0.00026	-0.00366
311	328	Qm-1	-0.00025	-0.00366
311	354	Qm-1	-0.00025	-0.00369
311	353	Qm-1	-0.00026	-0.00369
311	327	Qm-2	0.00117	-0.00193
311	328	Qm-2	-0.00013	-0.00193
311	354	Qm-2	-0.00013	-0.00099
311	353	Qm-2	0.00117	-0.00099
312	328	DEAD	0.	0.
312	329	DEAD	0.	0.
312	355	DEAD	0.	0.
312	354	DEAD	0.	0.
312	328	G1	-9.688E-11	-7.557E-11
312	329	G1	-4.446E-11	-5.540E-11
312	355	G1	-1.070E-10	-8.314E-11
312	354	G1	-5.455E-11	-1.033E-10
312	328	G2	-1.315E-11	-0.00026
312	329	G2	-6.032E-12	-0.00026
312	355	G2	-1.378E-11	-0.00026
312	354	G2	-1.108E-11	-0.00026
312	328	Qm	-0.00021	-0.00155
312	329	Qm	-0.0002	-0.00155

Table 27: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13	V23
			KN/mm	KN/mm
312	355	Qm	-0.0002	-0.0016
312	354	Qm	-0.00021	-0.0016
312	328	Qs	-5.691E-12	-1.571E-12
312	329	Qs	-2.876E-12	2.335E-12
312	355	Qs	-6.321E-12	-1.887E-12
312	354	Qs	-4.768E-12	7.589E-13
312	328	T+	0.	0.
312	329	T+	0.	0.
312	355	T+	0.	0.
312	354	T+	0.	0.
312	328	T-	0.	0.
312	329	T-	0.	0.
312	355	T-	0.	0.
312	354	T-	0.	0.
312	328	W	0.00294	0.00138
312	329	W	0.00295	0.00138
312	355	W	0.00295	0.00135
312	354	W	0.00294	0.00135
312	328	Qm-1	-0.00024	-0.00188
312	329	Qm-1	-0.00023	-0.00188
312	355	Qm-1	-0.00023	-0.00191
312	354	Qm-1	-0.00024	-0.00191
312	328	Qm-2	-0.00016	-0.00085
312	329	Qm-2	-0.00021	-0.00085
312	355	Qm-2	-0.00021	-0.00117
312	354	Qm-2	-0.00016	-0.00117
313	329	DEAD	0.	0.
313	330	DEAD	0.	0.
313	356	DEAD	0.	0.
313	355	DEAD	0.	0.
313	329	G1	-1.046E-10	-3.917E-11
313	330	G1	-5.074E-11	-4.606E-11
313	356	G1	-1.629E-11	-4.674E-11
313	355	G1	-1.138E-10	-4.858E-11
313	329	G2	-9.292E-12	-0.00023
313	330	G2	-6.663E-12	-0.00023
313	356	G2	-2.357E-12	-0.00023
313	355	G2	-1.045E-11	-0.00023
313	329	Qm	-0.00018	-5.305E-05
313	330	Qm	-0.00017	-5.305E-05
313	356	Qm	-0.00017	-0.0001
313	355	Qm	-0.00018	-0.0001
313	329	Qs	-5.098E-12	1.267E-13
313	330	Qs	-1.645E-12	-3.039E-13
313	356	Qs	-9.995E-13	-1.765E-12
313	355	Qs	-5.271E-12	-1.880E-12
313	329	T+	0.	0.
313	330	T+	0.	0.
313	356	T+	0.	0.
313	355	T+	0.	0.
313	329	T-	0.	0.
313	330	T-	0.	0.
313	356	T-	0.	0.
313	355	T-	0.	0.

Table 27: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13	V23
			KN/mm	KN/mm
313	329	W	0.00296	0.00142
313	330	W	0.00296	0.00142
313	356	W	0.00296	0.0014
313	355	W	0.00296	0.0014
313	329	Qm-1	-0.00021	-0.00013
313	330	Qm-1	-0.0002	-0.00013
313	356	Qm-1	-0.0002	-0.00017
313	355	Qm-1	-0.00021	-0.00017
313	329	Qm-2	-0.00016	-0.00074
313	330	Qm-2	-9.895E-05	-0.00074
313	356	Qm-2	-9.895E-05	-0.00074
313	355	Qm-2	-0.00016	-0.00074
314	330	DEAD	0.	0.
314	331	DEAD	0.	0.
314	357	DEAD	0.	0.
314	356	DEAD	0.	0.
314	330	G1	-5.830E-11	1.226E-11
314	331	G1	-2.888E-12	5.368E-12
314	357	G1	3.501E-11	-4.575E-11
314	356	G1	-6.846E-11	-4.759E-11
314	330	G2	-7.508E-12	-0.0002
314	331	G2	4.581E-13	-0.0002
314	357	G2	1.319E-12	-0.0002
314	356	G2	-7.738E-12	-0.0002
314	330	Qm	-0.00015	0.00142
314	331	Qm	-0.00014	0.00142
314	357	Qm	-0.00014	0.00137
314	356	Qm	-0.00015	0.00137
314	330	Qs	-2.980E-12	-1.517E-12
314	331	Qs	7.872E-13	-1.732E-12
314	357	Qs	1.433E-12	-2.305E-12
314	356	Qs	-3.153E-12	-2.363E-12
314	330	T+	0.	0.
314	331	T+	0.	0.
314	357	T+	0.	0.
314	356	T+	0.	0.
314	330	T-	0.	0.
314	331	T-	0.	0.
314	357	T-	0.	0.
314	356	T-	0.	0.
314	330	W	0.00297	0.00144
314	331	W	0.00297	0.00144
314	357	W	0.00297	0.00143
314	356	W	0.00297	0.00143
314	330	Qm-1	-0.00018	0.00158
314	331	Qm-1	-0.00017	0.00158
314	357	Qm-1	-0.00017	0.00154
314	356	Qm-1	-0.00018	0.00154
314	330	Qm-2	-0.0001	-0.00058
314	331	Qm-2	-7.687E-05	-0.00058
314	357	Qm-2	-7.687E-05	-0.00058
314	356	Qm-2	-0.0001	-0.00058
315	331	DEAD	0.	0.
315	332	DEAD	0.	0.

Table 27: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13	V23
			KN/mm	KN/mm
315	358	DEAD	0.	0.
315	357	DEAD	0.	0.
315	331	G1	-1.689E-11	-2.267E-10
315	332	G1	-4.722E-11	-2.336E-10
315	358	G1	-9.322E-12	-1.737E-10
315	357	G1	-2.704E-11	-1.756E-10
315	331	G2	-3.068E-12	-0.00016
315	332	G2	-2.330E-12	-0.00016
315	358	G2	1.976E-12	-0.00016
315	357	G2	-4.222E-12	-0.00016
315	331	Qm	-0.00012	0.00187
315	332	Qm	-0.00011	0.00187
315	358	Qm	-0.00011	0.00184
315	357	Qm	-0.00012	0.00184
315	331	Qs	-3.607E-13	-1.588E-12
315	332	Qs	-2.099E-12	-1.804E-12
315	358	Qs	2.697E-13	1.406E-12
315	357	Qs	-9.954E-13	1.349E-12
315	331	T+	0.	0.
315	332	T+	0.	0.
315	358	T+	0.	0.
315	357	T+	0.	0.
315	331	T-	0.	0.
315	332	T-	0.	0.
315	358	T-	0.	0.
315	357	T-	0.	0.
315	331	W	0.00298	0.00144
315	332	W	0.00298	0.00144
315	358	W	0.00298	0.00144
315	357	W	0.00298	0.00144
315	331	Qm-1	-0.00016	-0.00876
315	332	Qm-1	-0.00014	-0.00876
315	358	Qm-1	-0.00014	-0.00879
315	357	Qm-1	-0.00016	-0.00879
315	331	Qm-2	-7.872E-05	-0.00047
315	332	Qm-2	-6.513E-05	-0.00047
315	358	Qm-2	-6.513E-05	-0.00047
315	357	Qm-2	-7.872E-05	-0.00047
316	332	DEAD	0.	0.
316	333	DEAD	0.	0.
316	359	DEAD	0.	0.
316	358	DEAD	0.	0.
316	332	G1	-1.539E-11	-1.295E-10
316	333	G1	-3.262E-11	-1.393E-10
316	359	G1	-3.557E-11	-1.749E-10
316	358	G1	-4.018E-11	-1.519E-10
316	332	G2	-1.966E-12	-0.00012
316	333	G2	-1.398E-12	-0.00012
316	359	G2	-3.858E-12	-0.00012
316	358	G2	-7.703E-12	-0.00012
316	332	Qm	-9.382E-05	0.00133
316	333	Qm	-7.830E-05	0.00133
316	359	Qm	-7.830E-05	0.00129
316	358	Qm	-9.382E-05	0.00129

Table 27: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13	V23
			KN/mm	KN/mm
316	332	Qs	-1.383E-12	5.371E-13
316	333	Qs	-4.681E-13	1.860E-12
316	359	Qs	-4.372E-13	1.010E-12
316	358	Qs	-2.990E-12	2.963E-12
316	332	T+	0.	0.
316	333	T+	0.	0.
316	359	T+	0.	0.
316	358	T+	0.	0.
316	332	T-	0.	0.
316	333	T-	0.	0.
316	359	T-	0.	0.
316	358	T-	0.	0.
316	332	W	0.00298	0.00143
316	333	W	0.00297	0.00143
316	359	W	0.00297	0.00143
316	358	W	0.00298	0.00143
316	332	Qm-1	-0.00013	-0.00714
316	333	Qm-1	-0.00011	-0.00714
316	359	Qm-1	-0.00011	-0.00716
316	358	Qm-1	-0.00013	-0.00716
316	332	Qm-2	-6.524E-05	-0.00039
316	333	Qm-2	-5.882E-05	-0.00039
316	359	Qm-2	-5.882E-05	-0.00039
316	358	Qm-2	-6.524E-05	-0.00039
317	333	DEAD	0.	0.
317	334	DEAD	0.	0.
317	360	DEAD	0.	0.
317	359	DEAD	0.	0.
317	333	G1	-5.183E-11	-1.118E-10
317	334	G1	-2.704E-11	-9.756E-11
317	360	G1	-4.427E-11	-1.270E-10
317	359	G1	-4.722E-11	-9.756E-11
317	333	G2	-2.815E-12	-6.691E-05
317	334	G2	-7.542E-13	-6.691E-05
317	360	G2	-1.554E-12	-6.691E-05
317	359	G2	-5.798E-12	-6.691E-05
317	333	Qm	-6.823E-05	0.00078
317	334	Qm	-5.255E-05	0.00078
317	360	Qm	-5.255E-05	0.00076
317	359	Qm	-6.823E-05	0.00076
317	333	Qs	-3.111E-12	5.573E-13
317	334	Qs	1.458E-14	1.450E-12
317	360	Qs	1.990E-13	-1.649E-12
317	359	Qs	-1.562E-12	1.885E-13
317	333	T+	0.	0.
317	334	T+	0.	0.
317	360	T+	0.	0.
317	359	T+	0.	0.
317	333	T-	0.	0.
317	334	T-	0.	0.
317	360	T-	0.	0.
317	359	T-	0.	0.
317	333	W	0.00297	0.00139
317	334	W	0.00296	0.00139

Table 27: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13	V23
			KN/mm	KN/mm
317	360	W	0.00296	0.0014
317	359	W	0.00297	0.0014
317	333	Qm-1	-0.00011	-0.00555
317	334	Qm-1	-8.166E-05	-0.00555
317	360	Qm-1	-8.166E-05	-0.00556
317	359	Qm-1	-0.00011	-0.00556
317	333	Qm-2	-5.773E-05	-0.00031
317	334	Qm-2	-5.515E-05	-0.00031
317	360	Qm-2	-5.515E-05	-0.00031
317	359	Qm-2	-5.773E-05	-0.00031
318	334	DEAD	0.	0.
318	335	DEAD	0.	0.
318	361	DEAD	0.	0.
318	360	DEAD	0.	0.
318	334	G1	6.005E-12	-9.992E-11
318	335	G1	1.794E-11	-6.941E-11
318	361	G1	-2.930E-11	-6.461E-11
318	360	G1	-3.250E-11	-8.202E-11
318	334	G2	2.691E-12	-9.009E-06
318	335	G2	4.413E-12	-9.009E-06
318	361	G2	-4.875E-12	-9.009E-06
318	360	G2	-4.413E-12	-9.009E-06
318	334	Qm	-4.561E-05	0.00025
318	335	Qm	-3.004E-05	0.00025
318	361	Qm	-3.004E-05	0.00023
318	360	Qm	-4.561E-05	0.00023
318	334	Qs	2.310E-12	-4.387E-13
318	335	Qs	-4.696E-13	1.468E-12
318	361	Qs	-1.946E-12	2.714E-12
318	360	Qs	1.107E-12	1.626E-12
318	334	T+	0.	0.
318	335	T+	0.	0.
318	361	T+	0.	0.
318	360	T+	0.	0.
318	334	T-	0.	0.
318	335	T-	0.	0.
318	361	T-	0.	0.
318	360	T-	0.	0.
318	334	W	0.00295	0.00132
318	335	W	0.00294	0.00132
318	361	W	0.00294	0.00135
318	360	W	0.00295	0.00135
318	334	Qm-1	-8.153E-05	-0.00398
318	335	Qm-1	-5.845E-05	-0.00398
318	361	Qm-1	-5.845E-05	-0.00398
318	360	Qm-1	-8.153E-05	-0.00398
318	334	Qm-2	-5.359E-05	-0.00023
318	335	Qm-2	-5.278E-05	-0.00023
318	361	Qm-2	-5.278E-05	-0.00023
318	360	Qm-2	-5.359E-05	-0.00023
319	335	DEAD	0.	0.
319	336	DEAD	0.	0.
319	362	DEAD	0.	0.
319	361	DEAD	0.	0.

Table 27: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13	V23
			KN/mm	KN/mm
319	335	G1	-1.151E-11	-2.785E-11
319	336	G1	2.817E-11	-2.785E-11
319	362	G1	-1.907E-11	7.461E-12
319	361	G1	-5.001E-11	7.461E-12
319	335	G2	-2.925E-12	5.529E-05
319	336	G2	2.181E-12	5.529E-05
319	362	G2	-5.447E-12	5.529E-05
319	361	G2	-7.277E-12	5.529E-05
319	335	Qm	-2.624E-05	-0.00027
319	336	Qm	-1.087E-05	-0.00027
319	362	Qm	-1.087E-05	-0.00028
319	361	Qm	-2.624E-05	-0.00028
319	335	Qs	-1.428E-12	2.156E-12
319	336	Qs	9.627E-13	4.556E-12
319	362	Qs	-4.827E-13	1.211E-12
319	361	Qs	-4.239E-12	3.452E-12
319	335	T+	0.	0.
319	336	T+	0.	0.
319	362	T+	0.	0.
319	361	T+	0.	0.
319	335	T-	0.	0.
319	336	T-	0.	0.
319	362	T-	0.	0.
319	361	T-	0.	0.
319	335	W	0.00293	0.00123
319	336	W	0.00293	0.00123
319	362	W	0.00293	0.00126
319	361	W	0.00293	0.00126
319	335	Qm-1	-5.965E-05	-0.00242
319	336	Qm-1	-3.867E-05	-0.00242
319	362	Qm-1	-3.867E-05	-0.00242
319	361	Qm-1	-5.965E-05	-0.00242
319	335	Qm-2	-5.144E-05	-0.00015
319	336	Qm-2	-5.126E-05	-0.00015
319	362	Qm-2	-5.126E-05	-0.00016
319	361	Qm-2	-5.144E-05	-0.00016
320	336	DEAD	0.	0.
320	337	DEAD	0.	0.
320	363	DEAD	0.	0.
320	362	DEAD	0.	0.
320	336	G1	5.967E-12	3.951E-11
320	337	G1	-2.227E-11	2.868E-11
320	363	G1	-1.599E-12	4.203E-11
320	362	G1	4.284E-13	1.355E-11
320	336	G2	-2.717E-12	0.00013
320	337	G2	-3.640E-12	0.00013
320	363	G2	-1.951E-13	0.00013
320	362	G2	-3.640E-12	0.00013
320	336	Qm	-1.014E-05	-0.00077
320	337	Qm	5.054E-06	-0.00077
320	363	Qm	5.054E-06	-0.00077
320	362	Qm	-1.014E-05	-0.00077
320	336	Qs	1.268E-12	2.327E-12
320	337	Qs	-1.285E-12	1.650E-12

Table 27: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13	V23
			KN/mm	KN/mm
320	363	Qs	6.534E-15	3.588E-12
320	362	Qs	9.214E-13	1.808E-12
320	336	T+	0.	0.
320	337	T+	0.	0.
320	363	T+	0.	0.
320	362	T+	0.	0.
320	336	T-	0.	0.
320	337	T-	0.	0.
320	363	T-	0.	0.
320	362	T-	0.	0.
320	336	W	0.00291	0.00109
320	337	W	0.00291	0.00109
320	363	W	0.00291	0.00113
320	362	W	0.00291	0.00113
320	336	Qm-1	-4.026E-05	-0.00087
320	337	Qm-1	-2.211E-05	-0.00087
320	363	Qm-1	-2.211E-05	-0.00087
320	362	Qm-1	-4.026E-05	-0.00087
320	336	Qm-2	-5.059E-05	-8.087E-05
320	337	Qm-2	-5.050E-05	-8.087E-05
320	363	Qm-2	-5.050E-05	-8.150E-05
320	362	Qm-2	-5.059E-05	-8.150E-05
321	337	DEAD	0.	0.
321	338	DEAD	0.	0.
321	364	DEAD	0.	0.
321	363	DEAD	0.	0.
321	337	G1	-2.968E-11	8.085E-11
321	338	G1	5.189E-13	7.740E-11
321	364	G1	3.841E-11	5.311E-11
321	363	G1	-3.983E-11	5.218E-11
321	337	G2	-2.509E-12	0.0002
321	338	G2	2.473E-12	0.0002
321	364	G2	5.057E-12	0.0002
321	363	G2	-3.201E-12	0.0002
321	337	Qm	2.837E-06	-0.00125
321	338	Qm	1.793E-05	-0.00125
321	364	Qm	1.793E-05	-0.00124
321	363	Qm	2.837E-06	-0.00124
321	337	Qs	-1.291E-12	2.417E-12
321	338	Qs	1.373E-12	1.987E-12
321	364	Qs	2.019E-12	1.314E-12
321	363	Qs	-1.464E-12	1.199E-12
321	337	T+	0.	0.
321	338	T+	0.	0.
321	364	T+	0.	0.
321	363	T+	0.	0.
321	337	T-	0.	0.
321	338	T-	0.	0.
321	364	T-	0.	0.
321	363	T-	0.	0.
321	337	W	0.00289	0.00085
321	338	W	0.00289	0.00085
321	364	W	0.00289	0.0009
321	363	W	0.00289	0.0009

Table 27: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13	V23
			KN/mm	KN/mm
321	337	Qm-1	-2.357E-05	0.0007
321	338	Qm-1	-8.369E-06	0.0007
321	364	Qm-1	-8.369E-06	0.0007
321	363	Qm-1	-2.357E-05	0.0007
321	337	Qm-2	-5.068E-05	-1.213E-05
321	338	Qm-2	-5.045E-05	-1.213E-05
321	364	Qm-2	-5.045E-05	-1.069E-05
321	363	Qm-2	-5.068E-05	-1.069E-05
322	338	DEAD	0.	0.
322	339	DEAD	0.	0.
322	365	DEAD	0.	0.
322	364	DEAD	0.	0.
322	338	G1	1.625E-11	1.118E-10
322	339	G1	-4.047E-11	5.325E-11
322	365	G1	-8.970E-12	8.912E-11
322	364	G1	-1.777E-11	7.343E-11
322	338	G2	8.063E-12	0.00028
322	339	G2	-6.900E-12	0.00028
322	365	G2	-7.699E-12	0.00028
322	364	G2	5.080E-12	0.00028
322	338	Qm	1.299E-05	-0.00172
322	339	Qm	2.799E-05	-0.00172
322	365	Qm	2.799E-05	-0.00171
322	364	Qm	1.299E-05	-0.00171
322	338	Qs	4.032E-12	3.508E-12
322	339	Qs	-2.192E-12	2.032E-12
322	365	Qs	-1.484E-12	4.072E-14
322	364	Qs	6.451E-13	1.244E-12
322	338	T+	0.	0.
322	339	T+	0.	0.
322	365	T+	0.	0.
322	364	T+	0.	0.
322	338	T-	0.	0.
322	339	T-	0.	0.
322	365	T-	0.	0.
322	364	T-	0.	0.
322	338	W	0.00286	0.00043
322	339	W	0.00286	0.00043
322	365	W	0.00286	0.00049
322	364	W	0.00286	0.00049
322	338	Qm-1	-9.647E-06	0.00228
322	339	Qm-1	3.007E-06	0.00228
322	365	Qm-1	3.007E-06	0.00228
322	364	Qm-1	-9.647E-06	0.00228
322	338	Qm-2	-5.142E-05	4.928E-05
322	339	Qm-2	-5.102E-05	4.928E-05
322	365	Qm-2	-5.102E-05	5.234E-05
322	364	Qm-2	-5.142E-05	5.234E-05
323	339	DEAD	0.	0.
323	340	DEAD	0.	0.
323	366	DEAD	0.	0.
323	365	DEAD	0.	0.
323	339	G1	-2.842E-11	1.251E-10
323	340	G1	3.616E-11	1.423E-10

Table 27: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13	V23
			KN/mm	KN/mm
323	366	G1	3.715E-11	9.480E-11
323	365	G1	-7.985E-11	9.942E-11
323	339	G2	-2.775E-12	0.00035
323	340	G2	1.621E-12	0.00035
323	366	G2	6.052E-12	0.00035
323	365	G2	-1.036E-11	0.00035
323	339	Qm	2.065E-05	-0.00217
323	340	Qm	3.553E-05	-0.00217
323	366	Qm	3.553E-05	-0.00215
323	365	Qm	2.065E-05	-0.00215
323	339	Qs	-1.674E-12	5.005E-13
323	340	Qs	6.174E-13	3.761E-12
323	366	Qs	2.177E-13	5.005E-13
323	365	Qs	-3.166E-12	2.973E-12
323	339	T+	0.	0.
323	340	T+	0.	0.
323	366	T+	0.	0.
323	365	T+	0.	0.
323	339	T-	0.	0.
323	340	T-	0.	0.
323	366	T-	0.	0.
323	365	T-	0.	0.
323	339	W	0.00284	-0.00038
323	340	W	0.00284	-0.00038
323	366	W	0.00284	-0.00032
323	365	W	0.00284	-0.00032
323	339	Qm-1	1.533E-06	0.00389
323	340	Qm-1	1.240E-05	0.00389
323	366	Qm-1	1.240E-05	0.00389
323	365	Qm-1	1.533E-06	0.00389
323	339	Qm-2	-5.249E-05	0.0001
323	340	Qm-2	-5.210E-05	0.0001
323	366	Qm-2	-5.210E-05	0.00011
323	365	Qm-2	-5.249E-05	0.00011
324	340	DEAD	0.	0.
324	341	DEAD	0.	0.
324	367	DEAD	0.	0.
324	366	DEAD	0.	0.
324	340	G1	4.618E-11	1.350E-10
324	341	G1	-4.191E-11	1.832E-10
324	367	G1	-3.453E-11	1.577E-10
324	366	G1	1.862E-11	1.706E-10
324	340	G2	3.032E-12	0.00041
324	341	G2	-1.132E-11	0.00041
324	367	G2	-1.202E-13	0.00041
324	366	G2	3.220E-14	0.00041
324	340	Qm	2.622E-05	-0.00261
324	341	Qm	4.072E-05	-0.00261
324	367	Qm	4.072E-05	-0.00259
324	366	Qm	2.622E-05	-0.00259
324	340	Qs	5.874E-13	1.441E-12
324	341	Qs	-2.192E-12	6.639E-12
324	367	Qs	-2.407E-12	6.525E-13
324	366	Qs	6.451E-13	3.644E-12

Table 27: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13	V23
			KN/mm	KN/mm
324	340	T+	0.	0.
324	341	T+	0.	0.
324	367	T+	0.	0.
324	366	T+	0.	0.
324	340	T-	0.	0.
324	341	T-	0.	0.
324	367	T-	0.	0.
324	366	T-	0.	0.
324	340	W	0.00282	-0.0018
324	341	W	0.00282	-0.0018
324	367	W	0.00282	-0.00174
324	366	W	0.00282	-0.00174
324	340	Qm-1	1.013E-05	0.00552
324	341	Qm-1	1.995E-05	0.00552
324	367	Qm-1	1.995E-05	0.00553
324	366	Qm-1	1.013E-05	0.00553
324	340	Qm-2	-5.360E-05	0.00014
324	341	Qm-2	-5.352E-05	0.00014
324	367	Qm-2	-5.352E-05	0.00015
324	366	Qm-2	-5.360E-05	0.00015
325	341	DEAD	0.	0.
325	342	DEAD	0.	0.
325	368	DEAD	0.	0.
325	367	DEAD	0.	0.
325	341	G1	-4.546E-11	2.186E-10
325	342	G1	-3.064E-11	2.152E-10
325	368	G1	-2.588E-12	1.934E-10
325	367	G1	-7.856E-11	1.925E-10
325	341	G2	-8.648E-12	0.00043
325	342	G2	-4.021E-12	0.00043
325	368	G2	-4.520E-13	0.00043
325	367	G2	-1.600E-11	0.00043
325	341	Qm	2.993E-05	-0.00304
325	342	Qm	4.407E-05	-0.00304
325	368	Qm	4.407E-05	-0.00302
325	367	Qm	2.993E-05	-0.00302
325	341	Qs	-3.239E-12	4.440E-12
325	342	Qs	-4.324E-13	2.503E-12
325	368	Qs	-4.015E-13	3.022E-12
325	367	Qs	-4.846E-12	2.503E-12
325	341	T+	0.	0.
325	342	T+	0.	0.
325	368	T+	0.	0.
325	367	T+	0.	0.
325	341	T-	0.	0.
325	342	T-	0.	0.
325	368	T-	0.	0.
325	367	T-	0.	0.
325	341	W	0.0028	-0.00358
325	342	W	0.0028	-0.00358
325	368	W	0.0028	-0.00352
325	367	W	0.0028	-0.00352
325	341	Qm-1	1.630E-05	0.00718
325	342	Qm-1	2.583E-05	0.00718

Table 27: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13	V23
			KN/mm	KN/mm
325	368	Qm-1	2.583E-05	0.00719
325	367	Qm-1	1.630E-05	0.00719
325	341	Qm-2	-5.454E-05	0.00018
325	342	Qm-2	-5.508E-05	0.00018
325	368	Qm-2	-5.508E-05	0.00018
325	367	Qm-2	-5.454E-05	0.00018
326	342	DEAD	0.	0.
326	343	DEAD	0.	0.
326	369	DEAD	0.	0.
326	368	DEAD	0.	0.
326	342	G1	-3.493E-11	4.425E-11
326	343	G1	-5.227E-14	3.786E-11
326	369	G1	2.898E-12	1.399E-11
326	368	G1	-1.014E-11	3.786E-11
326	342	G2	-2.145E-12	0.00042
326	343	G2	2.961E-12	0.00042
326	369	G2	5.421E-12	0.00042
326	368	G2	3.591E-12	0.00042
326	342	Qm	3.230E-05	-0.00246
326	343	Qm	4.467E-05	-0.00246
326	369	Qm	4.467E-05	-0.00243
326	368	Qm	3.230E-05	-0.00243
326	342	Qs	-2.495E-12	6.388E-12
326	343	Qs	-9.993E-14	5.988E-12
326	369	Qs	1.130E-12	5.442E-12
326	368	Qs	3.729E-13	6.934E-12
326	342	T+	0.	0.
326	343	T+	0.	0.
326	369	T+	0.	0.
326	368	T+	0.	0.
326	342	T-	0.	0.
326	343	T-	0.	0.
326	369	T-	0.	0.
326	368	T-	0.	0.
326	342	W	0.00278	-0.00459
326	343	W	0.00279	-0.00459
326	369	W	0.00279	-0.00453
326	368	W	0.00278	-0.00453
326	342	Qm-1	2.049E-05	-0.00313
326	343	Qm-1	2.905E-05	-0.00313
326	369	Qm-1	2.905E-05	-0.00311
326	368	Qm-1	2.049E-05	-0.00311
326	342	Qm-2	-5.525E-05	0.00021
326	343	Qm-2	-5.631E-05	0.00021
326	369	Qm-2	-5.631E-05	0.00021
326	368	Qm-2	-5.525E-05	0.00021
327	343	DEAD	0.	0.
327	344	DEAD	0.	0.
327	370	DEAD	0.	0.
327	369	DEAD	0.	0.
327	343	G1	-1.740E-11	6.711E-11
327	344	G1	-1.004E-10	-5.734E-12
327	370	G1	-7.288E-11	2.171E-11
327	369	G1	-2.478E-11	-2.339E-11

Table 27: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13	V23
			KN/mm	KN/mm
327	343	G2	5.586E-12	0.00041
327	344	G2	-1.580E-11	0.00041
327	370	G2	-1.396E-11	0.00041
327	369	G2	-1.304E-12	0.00041
327	343	Qm	3.234E-05	-0.00086
327	344	Qm	4.679E-05	-0.00086
327	370	Qm	4.679E-05	-0.00083
327	369	Qm	3.234E-05	-0.00083
327	343	Qs	-2.926E-13	7.470E-12
327	344	Qs	-5.798E-12	2.456E-12
327	370	Qs	-4.076E-12	4.633E-12
327	369	Qs	-7.542E-13	9.188E-14
327	343	T+	0.	0.
327	344	T+	0.	0.
327	370	T+	0.	0.
327	369	T+	0.	0.
327	343	T-	0.	0.
327	344	T-	0.	0.
327	370	T-	0.	0.
327	369	T-	0.	0.
327	343	W	0.00276	-0.00553
327	344	W	0.00279	-0.00553
327	370	W	0.00279	-0.00547
327	369	W	0.00276	-0.00547
327	343	Qm-1	2.213E-05	-0.00142
327	344	Qm-1	3.181E-05	-0.00142
327	370	Qm-1	3.181E-05	-0.0014
327	369	Qm-1	2.213E-05	-0.0014
327	343	Qm-2	-5.557E-05	0.00024
327	344	Qm-2	-5.727E-05	0.00024
327	370	Qm-2	-5.727E-05	0.00024
327	369	Qm-2	-5.557E-05	0.00024
328	345	DEAD	0.	0.
328	346	DEAD	0.	0.
328	372	DEAD	0.	0.
328	371	DEAD	0.	0.
328	345	G1	5.846E-11	-8.113E-12
328	346	G1	2.303E-12	-3.961E-11
328	372	G1	-4.588E-12	-2.829E-11
328	371	G1	6.031E-11	-6.231E-11
328	345	G2	-7.177E-05	-0.00018
328	346	G2	-7.182E-05	-0.00018
328	372	G2	-7.182E-05	-0.00018
328	371	G2	-7.177E-05	-0.00018
328	345	Qm	0.00023	0.00062
328	346	Qm	0.00024	0.00062
328	372	Qm	0.00024	0.00064
328	371	Qm	0.00023	0.00064
328	345	Qs	1.565E-12	-1.954E-12
328	346	Qs	-2.112E-13	-3.461E-12
328	372	Qs	6.192E-13	-3.688E-12
328	371	Qs	2.941E-12	-4.092E-12
328	345	T+	0.	0.
328	346	T+	0.	0.

Table 27: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13	V23
			KN/mm	KN/mm
328	372	T+	0.	0.
328	371	T+	0.	0.
328	345	T-	0.	0.
328	346	T-	0.	0.
328	372	T-	0.	0.
328	371	T-	0.	0.
328	345	W	0.00277	0.00013
328	346	W	0.00275	0.00013
328	372	W	0.00275	7.170E-05
328	371	W	0.00277	7.170E-05
328	345	Qm-1	0.00031	0.0009
328	346	Qm-1	0.00032	0.0009
328	372	Qm-1	0.00032	0.0009
328	371	Qm-1	0.00031	0.0009
328	345	Qm-2	3.663E-05	0.00017
328	346	Qm-2	5.262E-05	0.00017
328	372	Qm-2	5.262E-05	0.00018
328	371	Qm-2	3.663E-05	0.00018
329	346	DEAD	0.	0.
329	347	DEAD	0.	0.
329	373	DEAD	0.	0.
329	372	DEAD	0.	0.
329	346	G1	1.131E-11	-1.792E-11
329	347	G1	-1.860E-12	4.804E-11
329	373	G1	1.635E-11	-3.305E-11
329	372	G1	-4.473E-11	1.021E-11
329	346	G2	-7.177E-05	-0.00022
329	347	G2	-7.184E-05	-0.00022
329	373	G2	-7.184E-05	-0.00022
329	372	G2	-7.177E-05	-0.00022
329	346	Qm	0.00023	0.00185
329	347	Qm	0.00024	0.00185
329	373	Qm	0.00024	0.00186
329	372	Qm	0.00023	0.00186
329	346	Qs	6.427E-13	-4.866E-12
329	347	Qs	-1.138E-12	-2.928E-12
329	373	Qs	-4.607E-13	-6.600E-12
329	372	Qs	-1.138E-12	-6.081E-12
329	346	T+	0.	0.
329	347	T+	0.	0.
329	373	T+	0.	0.
329	372	T+	0.	0.
329	346	T-	0.	0.
329	347	T-	0.	0.
329	373	T-	0.	0.
329	372	T-	0.	0.
329	346	W	0.00277	0.00034
329	347	W	0.00276	0.00034
329	373	W	0.00276	0.00028
329	372	W	0.00277	0.00028
329	346	Qm-1	0.00032	0.00237
329	347	Qm-1	0.00032	0.00237
329	373	Qm-1	0.00032	0.00237
329	372	Qm-1	0.00032	0.00237

Table 27: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13	V23
			KN/mm	KN/mm
329	346	Qm-2	4.780E-05	0.00045
329	347	Qm-2	0.0001	0.00045
329	373	Qm-2	0.0001	0.00046
329	372	Qm-2	4.780E-05	0.00046
330	347	DEAD	0.	0.
330	348	DEAD	0.	0.
330	374	DEAD	0.	0.
330	373	DEAD	0.	0.
330	347	G1	3.527E-11	1.859E-11
330	348	G1	1.897E-11	5.698E-11
330	374	G1	-7.604E-12	2.363E-11
330	373	G1	-8.775E-12	5.950E-11
330	347	G2	-7.179E-05	-0.00025
330	348	G2	-7.188E-05	-0.00025
330	374	G2	-7.188E-05	-0.00025
330	373	G2	-7.179E-05	-0.00025
330	347	Qm	0.00024	0.00315
330	348	Qm	0.00024	0.00315
330	374	Qm	0.00024	0.00314
330	373	Qm	0.00024	0.00314
330	347	Qs	2.814E-12	-5.248E-12
330	348	Qs	-1.089E-12	-2.849E-12
330	374	Qs	-8.116E-13	-6.036E-12
330	373	Qs	-4.583E-13	-3.794E-12
330	347	T+	0.	0.
330	348	T+	0.	0.
330	374	T+	0.	0.
330	373	T+	0.	0.
330	347	T-	0.	0.
330	348	T-	0.	0.
330	374	T-	0.	0.
330	373	T-	0.	0.
330	347	W	0.00278	0.00053
330	348	W	0.00278	0.00053
330	374	W	0.00278	0.00048
330	373	W	0.00278	0.00048
330	347	Qm-1	0.00032	0.00392
330	348	Qm-1	0.00033	0.00392
330	374	Qm-1	0.00033	0.00391
330	373	Qm-1	0.00032	0.00391
330	347	Qm-2	0.00015	0.00098
330	348	Qm-2	9.422E-05	0.00098
330	374	Qm-2	9.422E-05	0.00066
330	373	Qm-2	0.00015	0.00066
331	348	DEAD	0.	0.
331	349	DEAD	0.	0.
331	375	DEAD	0.	0.
331	374	DEAD	0.	0.
331	348	G1	3.847E-11	8.960E-11
331	349	G1	2.180E-11	8.911E-11
331	375	G1	-1.954E-11	9.969E-11
331	374	G1	4.954E-11	7.397E-11
331	348	G2	-7.187E-05	-0.00027
331	349	G2	-7.190E-05	-0.00027

Table 27: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13	V23
			KN/mm	KN/mm
331	375	G2	-7.190E-05	-0.00027
331	374	G2	-7.187E-05	-0.00027
331	348	Qm	0.00025	0.00451
331	349	Qm	0.00025	0.00451
331	375	Qm	0.00025	0.0045
331	374	Qm	0.00025	0.0045
331	348	Qs	5.817E-13	-4.150E-12
331	349	Qs	1.274E-12	-3.504E-12
331	375	Qs	-1.310E-12	-3.677E-12
331	374	Qs	1.274E-12	-3.504E-12
331	348	T+	0.	0.
331	349	T+	0.	0.
331	375	T+	0.	0.
331	374	T+	0.	0.
331	348	T-	0.	0.
331	349	T-	0.	0.
331	375	T-	0.	0.
331	374	T-	0.	0.
331	348	W	0.0028	0.0007
331	349	W	0.00279	0.0007
331	375	W	0.00279	0.00065
331	374	W	0.0028	0.00065
331	348	Qm-1	0.00033	0.00553
331	349	Qm-1	0.00033	0.00553
331	375	Qm-1	0.00033	0.00552
331	374	Qm-1	0.00033	0.00552
331	348	Qm-2	6.329E-05	0.00087
331	349	Qm-2	-0.00125	0.00087
331	375	Qm-2	-0.00125	0.00181
331	374	Qm-2	6.329E-05	0.00181
332	349	DEAD	0.	0.
332	350	DEAD	0.	0.
332	376	DEAD	0.	0.
332	375	DEAD	0.	0.
332	349	G1	1.412E-11	-4.323E-11
332	350	G1	-1.234E-11	-6.045E-11
332	376	G1	-1.014E-12	-1.315E-10
332	375	G1	-4.008E-11	-1.361E-10
332	349	G2	-7.200E-05	-0.00028
332	350	G2	-7.191E-05	-0.00028
332	376	G2	-7.191E-05	-0.00028
332	375	G2	-7.200E-05	-0.00028
332	349	Qm	0.00026	0.00405
332	350	Qm	0.00026	0.00405
332	376	Qm	0.00026	0.00404
332	375	Qm	0.00026	0.00404
332	349	Qs	3.453E-13	-7.753E-13
332	350	Qs	-2.765E-14	-2.313E-12
332	376	Qs	-1.073E-12	-5.504E-12
332	375	Qs	-9.734E-13	-7.515E-12
332	349	T+	0.	0.
332	350	T+	0.	0.
332	376	T+	0.	0.
332	375	T+	0.	0.

Table 27: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13	V23
			KN/mm	KN/mm
332	349	T-	0.	0.
332	350	T-	0.	0.
332	376	T-	0.	0.
332	375	T-	0.	0.
332	349	W	0.00282	0.00085
332	350	W	0.00281	0.00085
332	376	W	0.00281	0.00079
332	375	W	0.00282	0.00079
332	349	Qm-1	0.00034	-0.00178
332	350	Qm-1	0.00034	-0.00178
332	376	Qm-1	0.00034	-0.0018
332	375	Qm-1	0.00034	-0.0018
332	349	Qm-2	-0.00125	-0.00036
332	350	Qm-2	8.214E-05	-0.00036
332	376	Qm-2	8.214E-05	-0.00129
332	375	Qm-2	-0.00125	-0.00129
333	350	DEAD	0.	0.
333	351	DEAD	0.	0.
333	377	DEAD	0.	0.
333	376	DEAD	0.	0.
333	350	G1	1.656E-11	-5.534E-11
333	351	G1	1.348E-11	-5.829E-11
333	377	G1	5.187E-11	-9.317E-11
333	376	G1	-1.930E-11	-6.838E-11
333	350	G2	-7.217E-05	-0.00029
333	351	G2	-7.195E-05	-0.00029
333	377	G2	-7.195E-05	-0.00029
333	376	G2	-7.217E-05	-0.00029
333	350	Qm	0.00027	0.00175
333	351	Qm	0.00028	0.00175
333	377	Qm	0.00028	0.00174
333	376	Qm	0.00027	0.00174
333	350	Qs	-1.679E-12	-2.448E-12
333	351	Qs	3.007E-13	-1.618E-12
333	377	Qs	1.315E-12	-2.921E-12
333	376	Qs	1.246E-12	-4.297E-12
333	350	T+	0.	0.
333	351	T+	0.	0.
333	377	T+	0.	0.
333	376	T+	0.	0.
333	350	T-	0.	0.
333	351	T-	0.	0.
333	377	T-	0.	0.
333	376	T-	0.	0.
333	350	W	0.00284	0.00098
333	351	W	0.00283	0.00098
333	377	W	0.00283	0.00092
333	376	W	0.00284	0.00092
333	350	Qm-1	0.00035	-5.030E-05
333	351	Qm-1	0.00035	-5.030E-05
333	377	Qm-1	0.00035	-6.811E-05
333	376	Qm-1	0.00035	-6.811E-05
333	350	Qm-2	0.00011	-0.00043
333	351	Qm-2	0.00021	-0.00043

Table 27: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13	V23
			KN/mm	KN/mm
333	377	Qm-2	0.00021	-0.0001
333	376	Qm-2	0.00011	-0.0001
334	351	DEAD	0.	0.
334	352	DEAD	0.	0.
334	378	DEAD	0.	0.
334	377	DEAD	0.	0.
334	351	G1	2.578E-11	2.106E-11
334	352	G1	1.403E-11	1.417E-11
334	378	G1	4.848E-11	1.097E-11
334	377	G1	1.655E-11	9.126E-12
334	351	G2	-7.235E-05	-0.00029
334	352	G2	-7.209E-05	-0.00029
334	378	G2	-7.209E-05	-0.00029
334	377	G2	-7.235E-05	-0.00029
334	351	Qm	0.00028	-0.00052
334	352	Qm	0.00029	-0.00052
334	378	Qm	0.00029	-0.00052
334	377	Qm	0.00028	-0.00052
334	351	Qs	1.259E-12	5.963E-13
334	352	Qs	2.190E-12	3.810E-13
334	378	Qs	2.836E-12	-2.871E-12
334	377	Qs	1.086E-12	-2.929E-12
334	351	T+	0.	0.
334	352	T+	0.	0.
334	378	T+	0.	0.
334	377	T+	0.	0.
334	351	T-	0.	0.
334	352	T-	0.	0.
334	378	T-	0.	0.
334	377	T-	0.	0.
334	351	W	0.00286	0.0011
334	352	W	0.00286	0.0011
334	378	W	0.00286	0.00104
334	377	W	0.00286	0.00104
334	351	Qm-1	0.00036	0.00172
334	352	Qm-1	0.00036	0.00172
334	378	Qm-1	0.00036	0.0017
334	377	Qm-1	0.00036	0.0017
334	351	Qm-2	0.00021	0.00038
334	352	Qm-2	9.165E-05	0.00038
334	378	Qm-2	9.165E-05	5.843E-05
334	377	Qm-2	0.00021	5.843E-05
335	352	DEAD	0.	0.
335	353	DEAD	0.	0.
335	379	DEAD	0.	0.
335	378	DEAD	0.	0.
335	352	G1	3.537E-11	3.470E-11
335	353	G1	-1.599E-12	6.275E-11
335	379	G1	1.268E-11	2.209E-11
335	378	G1	5.967E-12	5.519E-11
335	352	G2	-7.255E-05	-0.00029
335	353	G2	-7.242E-05	-0.00029
335	379	G2	-7.242E-05	-0.00029
335	378	G2	-7.255E-05	-0.00029

Table 27: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13	V23
			KN/mm	KN/mm
335	352	Qm	0.00029	-0.00277
335	353	Qm	0.0003	-0.00277
335	379	Qm	0.0003	-0.00277
335	378	Qm	0.00029	-0.00277
335	352	Qs	2.535E-12	-3.806E-12
335	353	Qs	-1.310E-12	-3.191E-12
335	379	Qs	1.307E-14	-6.534E-13
335	378	Qs	5.817E-13	-2.087E-12
335	352	T+	0.	0.
335	353	T+	0.	0.
335	379	T+	0.	0.
335	378	T+	0.	0.
335	352	T-	0.	0.
335	353	T-	0.	0.
335	379	T-	0.	0.
335	378	T-	0.	0.
335	352	W	0.00288	0.0012
335	353	W	0.00288	0.0012
335	379	W	0.00288	0.00115
335	378	W	0.00288	0.00115
335	352	Qm-1	0.00037	0.00352
335	353	Qm-1	0.00036	0.00352
335	379	Qm-1	0.00036	0.0035
335	378	Qm-1	0.00037	0.0035
335	352	Qm-2	6.224E-05	0.00029
335	353	Qm-2	-0.00129	0.00029
335	379	Qm-2	-0.00129	0.00122
335	378	Qm-2	6.224E-05	0.00122
336	353	DEAD	0.	0.
336	354	DEAD	0.	0.
336	380	DEAD	0.	0.
336	379	DEAD	0.	0.
336	353	G1	2.605E-11	-1.385E-10
336	354	G1	4.796E-11	-1.527E-10
336	380	G1	-4.211E-12	-1.309E-10
336	379	G1	6.561E-11	-1.603E-10
336	353	G2	-7.283E-05	-0.00028
336	354	G2	-7.298E-05	-0.00028
336	380	G2	-7.298E-05	-0.00028
336	379	G2	-7.283E-05	-0.00028
336	353	Qm	0.0003	-0.00312
336	354	Qm	0.00031	-0.00312
336	380	Qm	0.00031	-0.00312
336	379	Qm	0.0003	-0.00312
336	353	Qs	-1.836E-12	-8.491E-13
336	354	Qs	8.833E-13	-3.218E-12
336	380	Qs	-2.624E-12	-6.096E-14
336	379	Qs	2.302E-12	-6.956E-13
336	353	T+	0.	0.
336	354	T+	0.	0.
336	380	T+	0.	0.
336	379	T+	0.	0.
336	353	T-	0.	0.
336	354	T-	0.	0.

Table 27: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13	V23
			KN/mm	KN/mm
336	380	T-	0.	0.
336	379	T-	0.	0.
336	353	W	0.0029	0.00128
336	354	W	0.0029	0.00128
336	380	W	0.0029	0.00125
336	379	W	0.0029	0.00125
336	353	Qm-1	0.00037	-0.00369
336	354	Qm-1	0.00036	-0.00369
336	380	Qm-1	0.00036	-0.0037
336	379	Qm-1	0.00037	-0.0037
336	353	Qm-2	-0.00129	-0.00099
336	354	Qm-2	1.169E-05	-0.00099
336	380	Qm-2	1.169E-05	-0.00191
336	379	Qm-2	-0.00129	-0.00191
337	354	DEAD	0.	0.
337	355	DEAD	0.	0.
337	381	DEAD	0.	0.
337	380	DEAD	0.	0.
337	354	G1	1.703E-11	-9.104E-11
337	355	G1	-8.437E-12	-9.449E-11
337	381	G1	1.898E-12	-6.330E-11
337	380	G1	1.426E-11	-6.422E-11
337	354	G2	-7.327E-05	-0.00026
337	355	G2	-7.377E-05	-0.00026
337	381	G2	-7.377E-05	-0.00026
337	380	G2	-7.327E-05	-0.00026
337	354	Qm	0.00031	-0.0016
337	355	Qm	0.00031	-0.0016
337	381	Qm	0.00031	-0.00161
337	380	Qm	0.00031	-0.00161
337	354	Qs	-1.555E-12	-1.677E-12
337	355	Qs	-1.086E-12	-1.892E-12
337	381	Qs	1.282E-12	-4.160E-13
337	380	Qs	-2.190E-12	-4.737E-13
337	354	T+	0.	0.
337	355	T+	0.	0.
337	381	T+	0.	0.
337	380	T+	0.	0.
337	354	T-	0.	0.
337	355	T-	0.	0.
337	381	T-	0.	0.
337	380	T-	0.	0.
337	354	W	0.00292	0.00135
337	355	W	0.00293	0.00135
337	381	W	0.00293	0.00133
337	380	W	0.00292	0.00133
337	354	Qm-1	0.00037	-0.00191
337	355	Qm-1	0.00036	-0.00191
337	381	Qm-1	0.00036	-0.00192
337	380	Qm-1	0.00037	-0.00192
337	354	Qm-2	3.941E-05	-0.00117
337	355	Qm-2	7.937E-05	-0.00117
337	381	Qm-2	7.937E-05	-0.00083
337	380	Qm-2	3.941E-05	-0.00083

Table 27: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13	V23
			KN/mm	KN/mm
338	355	DEAD	0.	0.
338	356	DEAD	0.	0.
338	382	DEAD	0.	0.
338	381	DEAD	0.	0.
338	355	G1	-1.212E-11	-1.273E-11
338	356	G1	1.027E-11	-5.062E-11
338	382	G1	3.832E-11	-4.551E-11
338	381	G1	-4.521E-11	-5.567E-11
338	355	G2	-7.390E-05	-0.00023
338	356	G2	-7.472E-05	-0.00023
338	382	G2	-7.472E-05	-0.00023
338	381	G2	-7.390E-05	-0.00023
338	355	Qm	0.00032	-0.0001
338	356	Qm	0.00032	-0.0001
338	382	Qm	0.00032	-0.00012
338	381	Qm	0.00032	-0.00012
338	355	Qs	1.408E-12	1.158E-12
338	356	Qs	-1.472E-12	-1.211E-12
338	382	Qs	3.142E-12	-1.522E-12
338	381	Qs	-4.625E-12	-2.156E-12
338	355	T+	0.	0.
338	356	T+	0.	0.
338	382	T+	0.	0.
338	381	T+	0.	0.
338	355	T-	0.	0.
338	356	T-	0.	0.
338	382	T-	0.	0.
338	381	T-	0.	0.
338	355	W	0.00293	0.0014
338	356	W	0.00294	0.0014
338	382	W	0.00294	0.00139
338	381	W	0.00293	0.00139
338	355	Qm-1	0.00036	-0.00017
338	356	Qm-1	0.00036	-0.00017
338	382	Qm-1	0.00036	-0.00017
338	381	Qm-1	0.00036	-0.00017
338	355	Qm-2	3.119E-05	-0.00074
338	356	Qm-2	-3.802E-05	-0.00074
338	382	Qm-2	-3.802E-05	-0.00073
338	381	Qm-2	3.119E-05	-0.00073
339	356	DEAD	0.	0.
339	357	DEAD	0.	0.
339	383	DEAD	0.	0.
339	382	DEAD	0.	0.
339	356	G1	-2.015E-11	-3.584E-11
339	357	G1	-2.027E-11	-6.390E-11
339	383	G1	-4.537E-11	3.730E-11
339	382	G1	3.774E-11	4.197E-12
339	356	G2	-7.473E-05	-0.0002
339	357	G2	-7.581E-05	-0.0002
339	383	G2	-7.581E-05	-0.0002
339	382	G2	-7.473E-05	-0.0002
339	356	Qm	0.00032	0.00138
339	357	Qm	0.00032	0.00138

Table 27: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13	V23
			KN/mm	KN/mm
339	383	Qm	0.00032	0.00135
339	382	Qm	0.00032	0.00135
339	356	Qs	1.146E-12	-2.143E-12
339	357	Qs	-3.014E-12	-3.682E-12
339	383	Qs	-1.692E-12	1.324E-12
339	382	Qs	-8.077E-13	-6.867E-13
339	356	T+	0.	0.
339	357	T+	0.	0.
339	383	T+	0.	0.
339	382	T+	0.	0.
339	356	T-	0.	0.
339	357	T-	0.	0.
339	383	T-	0.	0.
339	382	T-	0.	0.
339	356	W	0.00295	0.00143
339	357	W	0.00295	0.00143
339	383	W	0.00295	0.00142
339	382	W	0.00295	0.00142
339	356	Qm-1	0.00035	0.00154
339	357	Qm-1	0.00035	0.00154
339	383	Qm-1	0.00035	0.00155
339	382	Qm-1	0.00035	0.00155
339	356	Qm-2	-3.565E-05	-0.00058
339	357	Qm-2	-6.791E-05	-0.00058
339	383	Qm-2	-6.791E-05	-0.00058
339	382	Qm-2	-3.565E-05	-0.00058
340	357	DEAD	0.	0.
340	358	DEAD	0.	0.
340	384	DEAD	0.	0.
340	383	DEAD	0.	0.
340	357	G1	-1.110E-11	-1.926E-10
340	358	G1	-1.369E-11	-1.995E-10
340	384	G1	2.421E-11	-1.976E-10
340	383	G1	-2.126E-11	-1.995E-10
340	357	G2	-7.573E-05	-0.00016
340	358	G2	-7.705E-05	-0.00016
340	384	G2	-7.705E-05	-0.00016
340	383	G2	-7.573E-05	-0.00016
340	357	Qm	0.00033	0.00184
340	358	Qm	0.00033	0.00184
340	384	Qm	0.00033	0.00181
340	383	Qm	0.00033	0.00181
340	357	Qs	-6.938E-13	2.153E-13
340	358	Qs	-8.556E-13	-2.153E-13
340	384	Qs	1.513E-12	5.769E-14
340	383	Qs	-1.328E-12	-5.769E-14
340	357	T+	0.	0.
340	358	T+	0.	0.
340	384	T+	0.	0.
340	383	T+	0.	0.
340	357	T-	0.	0.
340	358	T-	0.	0.
340	384	T-	0.	0.
340	383	T-	0.	0.

Table 27: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13	V23
			KN/mm	KN/mm
340	357	W	0.00295	0.00144
340	358	W	0.00295	0.00144
340	384	W	0.00295	0.00144
340	383	W	0.00295	0.00144
340	357	Qm-1	0.00035	-0.00879
340	358	Qm-1	0.00035	-0.00879
340	384	Qm-1	0.00035	-0.00878
340	383	Qm-1	0.00035	-0.00878
340	357	Qm-2	-6.341E-05	-0.00047
340	358	Qm-2	-8.640E-05	-0.00047
340	384	Qm-2	-8.640E-05	-0.00048
340	383	Qm-2	-6.341E-05	-0.00048
341	358	DEAD	0.	0.
341	359	DEAD	0.	0.
341	385	DEAD	0.	0.
341	384	DEAD	0.	0.
341	358	G1	-1.220E-11	-1.825E-10
341	359	G1	-9.607E-12	-1.200E-10
341	385	G1	-4.750E-11	-1.800E-10
341	384	G1	-2.041E-12	-1.377E-10
341	358	G2	-7.689E-05	-0.00012
341	359	G2	-7.855E-05	-0.00012
341	385	G2	-7.855E-05	-0.00012
341	384	G2	-7.689E-05	-0.00012
341	358	Qm	0.00034	0.00129
341	359	Qm	0.00033	0.00129
341	385	Qm	0.00033	0.00127
341	384	Qm	0.00034	0.00127
341	358	Qs	-1.233E-12	1.689E-13
341	359	Qs	-1.029E-12	2.815E-12
341	385	Qs	-4.228E-12	-2.353E-12
341	384	Qs	-1.974E-12	1.554E-12
341	358	T+	0.	0.
341	359	T+	0.	0.
341	385	T+	0.	0.
341	384	T+	0.	0.
341	358	T-	0.	0.
341	359	T-	0.	0.
341	385	T-	0.	0.
341	384	T-	0.	0.
341	358	W	0.00295	0.00143
341	359	W	0.00294	0.00143
341	385	W	0.00294	0.00143
341	384	W	0.00295	0.00143
341	358	Qm-1	0.00034	-0.00716
341	359	Qm-1	0.00034	-0.00716
341	385	Qm-1	0.00034	-0.00714
341	384	Qm-1	0.00034	-0.00714
341	358	Qm-2	-7.995E-05	-0.00039
341	359	Qm-2	-9.798E-05	-0.00039
341	385	Qm-2	-9.798E-05	-0.0004
341	384	Qm-2	-7.995E-05	-0.0004
342	359	DEAD	0.	0.
342	360	DEAD	0.	0.

Table 27: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13	V23
			KN/mm	KN/mm
342	386	DEAD	0.	0.
342	385	DEAD	0.	0.
342	359	G1	9.531E-12	-1.219E-10
342	360	G1	-1.539E-11	-9.775E-11
342	386	G1	5.745E-11	-1.067E-10
342	385	G1	-3.557E-11	-1.003E-10
342	359	G2	-7.825E-05	-6.641E-05
342	360	G2	-8.053E-05	-6.641E-05
342	386	G2	-8.053E-05	-6.693E-05
342	385	G2	-7.825E-05	-6.693E-05
342	359	Qm	0.00034	0.00076
342	360	Qm	0.00034	0.00076
342	386	Qm	0.00034	0.00073
342	385	Qm	0.00034	0.00073
342	359	Qs	-1.174E-12	-3.022E-13
342	360	Qs	-5.953E-12	-1.225E-12
342	386	Qs	-1.647E-12	2.850E-12
342	385	Qs	-2.328E-12	-5.948E-13
342	359	T+	0.	0.
342	360	T+	0.	0.
342	386	T+	0.	0.
342	385	T+	0.	0.
342	359	T-	0.	0.
342	360	T-	0.	0.
342	386	T-	0.	0.
342	385	T-	0.	0.
342	359	W	0.00294	0.00141
342	360	W	0.00291	0.00141
342	386	W	0.00291	0.00141
342	385	W	0.00294	0.00141
342	359	Qm-1	0.00034	-0.00556
342	360	Qm-1	0.00034	-0.00556
342	386	Qm-1	0.00034	-0.00554
342	385	Qm-1	0.00034	-0.00554
342	359	Qm-2	-9.045E-05	-0.00031
342	360	Qm-2	-0.00011	-0.00031
342	386	Qm-2	-0.00011	-0.00032
342	385	Qm-2	-9.045E-05	-0.00032
343	360	DEAD	0.	0.
343	361	DEAD	0.	0.
343	387	DEAD	0.	0.
343	386	DEAD	0.	0.
343	360	G1	-6.942E-12	-7.300E-11
343	361	G1	-2.921E-11	-4.888E-11
343	387	G1	-1.199E-11	-7.552E-11
343	386	G1	-1.156E-11	-6.906E-11
343	360	G2	-7.996E-05	-8.245E-06
343	361	G2	-8.336E-05	-8.245E-06
343	387	G2	-8.336E-05	-9.378E-06
343	386	G2	-7.996E-05	-9.378E-06
343	360	Qm	0.00035	0.00023
343	361	Qm	0.00035	0.00023
343	387	Qm	0.00035	0.00021
343	386	Qm	0.00035	0.00021

Table 27: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13	V23
			KN/mm	KN/mm
343	360	Qs	-2.699E-12	2.736E-12
343	361	Qs	-2.446E-12	4.243E-12
343	387	Qs	-1.123E-12	1.632E-12
343	386	Qs	-4.653E-12	2.036E-12
343	360	T+	0.	0.
343	361	T+	0.	0.
343	387	T+	0.	0.
343	386	T+	0.	0.
343	360	T-	0.	0.
343	361	T-	0.	0.
343	387	T-	0.	0.
343	386	T-	0.	0.
343	360	W	0.00291	0.00136
343	361	W	0.00287	0.00136
343	387	W	0.00287	0.00136
343	386	W	0.00291	0.00136
343	360	Qm-1	0.00033	-0.00399
343	361	Qm-1	0.00034	-0.00399
343	387	Qm-1	0.00034	-0.00397
343	386	Qm-1	0.00033	-0.00397
343	360	Qm-2	-9.805E-05	-0.00023
343	361	Qm-2	-0.00011	-0.00023
343	387	Qm-2	-0.00011	-0.00024
343	386	Qm-2	-9.805E-05	-0.00024
344	361	DEAD	0.	0.
344	362	DEAD	0.	0.
344	388	DEAD	0.	0.
344	387	DEAD	0.	0.
344	361	G1	-3.344E-11	-2.731E-11
344	362	G1	-2.580E-11	-2.042E-11
344	388	G1	-2.335E-11	5.472E-12
344	387	G1	1.707E-11	7.319E-12
344	361	G2	-8.235E-05	5.650E-05
344	362	G2	-8.767E-05	5.650E-05
344	388	G2	-8.767E-05	5.442E-05
344	387	G2	-8.235E-05	5.442E-05
344	361	Qm	0.00035	-0.00028
344	362	Qm	0.00035	-0.00028
344	388	Qm	0.00035	-0.00029
344	387	Qm	0.00035	-0.00029
344	361	Qs	-2.154E-12	8.508E-13
344	362	Qs	-1.121E-13	6.046E-13
344	388	Qs	-2.942E-12	4.791E-12
344	387	Qs	2.031E-13	3.127E-12
344	361	T+	0.	0.
344	362	T+	0.	0.
344	388	T+	0.	0.
344	387	T+	0.	0.
344	361	T-	0.	0.
344	362	T-	0.	0.
344	388	T-	0.	0.
344	387	T-	0.	0.
344	361	W	0.00287	0.00128
344	362	W	0.0028	0.00128

Table 27: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13	V23
			KN/mm	KN/mm
344	388	W	0.0028	0.00129
344	387	W	0.00287	0.00129
344	361	Qm-1	0.00033	-0.00243
344	362	Qm-1	0.00034	-0.00243
344	388	Qm-1	0.00034	-0.00242
344	387	Qm-1	0.00033	-0.00242
344	361	Qm-2	-0.0001	-0.00015
344	362	Qm-2	-0.00011	-0.00015
344	388	Qm-2	-0.00011	-0.00016
344	387	Qm-2	-0.0001	-0.00016
345	362	DEAD	0.	0.
345	363	DEAD	0.	0.
345	389	DEAD	0.	0.
345	388	DEAD	0.	0.
345	362	G1	-1.970E-11	5.157E-11
345	363	G1	3.612E-12	4.419E-11
345	389	G1	8.047E-12	-6.434E-12
345	388	G1	-7.205E-11	-3.399E-11
345	362	G2	-8.599E-05	0.00013
345	363	G2	-9.451E-05	0.00013
345	389	G2	-9.451E-05	0.00012
345	388	G2	-8.599E-05	0.00012
345	362	Qm	0.00035	-0.00077
345	363	Qm	0.00036	-0.00077
345	389	Qm	0.00036	-0.00077
345	388	Qm	0.00035	-0.00077
345	362	Qs	-1.805E-12	3.712E-12
345	363	Qs	-2.339E-12	4.297E-12
345	389	Qs	-1.016E-12	2.294E-12
345	388	Qs	-3.758E-12	-7.474E-13
345	362	T+	0.	0.
345	363	T+	0.	0.
345	389	T+	0.	0.
345	388	T+	0.	0.
345	362	T-	0.	0.
345	363	T-	0.	0.
345	389	T-	0.	0.
345	388	T-	0.	0.
345	362	W	0.0028	0.00115
345	363	W	0.0027	0.00115
345	389	W	0.0027	0.00118
345	388	W	0.0028	0.00118
345	362	Qm-1	0.00034	-0.00087
345	363	Qm-1	0.00034	-0.00087
345	389	Qm-1	0.00034	-0.00087
345	388	Qm-1	0.00034	-0.00087
345	362	Qm-2	-0.00011	-7.985E-05
345	363	Qm-2	-0.00012	-7.985E-05
345	389	Qm-2	-0.00012	-8.295E-05
345	388	Qm-2	-0.00011	-8.295E-05
346	363	DEAD	0.	0.
346	364	DEAD	0.	0.
346	390	DEAD	0.	0.
346	389	DEAD	0.	0.

Table 27: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13	V23
			KN/mm	KN/mm
346	363	G1	4.849E-12	3.397E-11
346	364	G1	-1.810E-11	3.052E-11
346	390	G1	-7.761E-12	2.136E-11
346	389	G1	2.080E-12	2.044E-11
346	363	G2	-9.196E-05	0.0002
346	364	G2	-0.00011	0.0002
346	390	G2	-0.00011	0.0002
346	389	G2	-9.196E-05	0.0002
346	363	Qm	0.00036	-0.00125
346	364	Qm	0.00036	-0.00125
346	390	Qm	0.00036	-0.00124
346	389	Qm	0.00036	-0.00124
346	363	Qs	-1.355E-12	1.068E-12
346	364	Qs	-1.832E-12	6.370E-13
346	390	Qs	5.362E-13	7.524E-13
346	389	Qs	-1.990E-12	6.370E-13
346	363	T+	0.	0.
346	364	T+	0.	0.
346	390	T+	0.	0.
346	389	T+	0.	0.
346	363	T-	0.	0.
346	364	T-	0.	0.
346	390	T-	0.	0.
346	389	T-	0.	0.
346	363	W	0.00268	0.00093
346	364	W	0.00254	0.00093
346	390	W	0.00254	0.00101
346	389	W	0.00268	0.00101
346	363	Qm-1	0.00034	0.0007
346	364	Qm-1	0.00034	0.0007
346	390	Qm-1	0.00034	0.00069
346	389	Qm-1	0.00034	0.00069
346	363	Qm-2	-0.00012	-9.811E-06
346	364	Qm-2	-0.00012	-9.811E-06
346	390	Qm-2	-0.00012	-6.874E-06
346	389	Qm-2	-0.00012	-6.874E-06
347	364	DEAD	0.	0.
347	365	DEAD	0.	0.
347	391	DEAD	0.	0.
347	390	DEAD	0.	0.
347	364	G1	-1.817E-11	7.824E-11
347	365	G1	4.765E-11	7.774E-11
347	391	G1	5.749E-11	7.319E-11
347	390	G1	4.772E-12	4.748E-11
347	364	G2	-0.0001	0.00028
347	365	G2	-0.00012	0.00028
347	391	G2	-0.00012	0.00028
347	390	G2	-0.0001	0.00028
347	364	Qm	0.00036	-0.00171
347	365	Qm	0.00037	-0.00171
347	391	Qm	0.00037	-0.00169
347	390	Qm	0.00036	-0.00169
347	364	Qs	-3.253E-12	3.007E-13
347	365	Qs	2.729E-12	-1.207E-12

Table 27: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13	V23
			KN/mm	KN/mm
347	391	Qs	1.160E-12	1.246E-12
347	390	Qs	3.649E-13	8.425E-13
347	364	T+	0.	0.
347	365	T+	0.	0.
347	391	T+	0.	0.
347	390	T+	0.	0.
347	364	T-	0.	0.
347	365	T-	0.	0.
347	391	T-	0.	0.
347	390	T-	0.	0.
347	364	W	0.00248	0.0005
347	365	W	0.00235	0.0005
347	391	W	0.00235	0.00075
347	390	W	0.00248	0.00075
347	364	Qm-1	0.00034	0.00228
347	365	Qm-1	0.00034	0.00228
347	391	Qm-1	0.00034	0.00227
347	390	Qm-1	0.00034	0.00227
347	364	Qm-2	-0.00012	5.261E-05
347	365	Qm-2	-0.00013	5.261E-05
347	391	Qm-2	-0.00013	6.012E-05
347	390	Qm-2	-0.00012	6.012E-05
348	365	DEAD	0.	0.
348	366	DEAD	0.	0.
348	392	DEAD	0.	0.
348	391	DEAD	0.	0.
348	365	G1	2.222E-12	8.383E-11
348	366	G1	-1.370E-11	8.236E-11
348	392	G1	-2.552E-11	1.040E-10
348	391	G1	8.213E-11	2.059E-10
348	365	G2	-0.00012	0.00036
348	366	G2	-0.00015	0.00036
348	392	G2	-0.00015	0.00036
348	391	G2	-0.00012	0.00036
348	365	Qm	0.00036	-0.00216
348	366	Qm	0.00037	-0.00216
348	392	Qm	0.00037	-0.00213
348	391	Qm	0.00036	-0.00213
348	365	Qs	-1.965E-12	3.430E-12
348	366	Qs	1.041E-13	2.661E-12
348	392	Qs	8.726E-13	1.195E-13
348	391	Qs	2.626E-12	4.710E-12
348	365	T+	0.	0.
348	366	T+	0.	0.
348	392	T+	0.	0.
348	391	T+	0.	0.
348	365	T-	0.	0.
348	366	T-	0.	0.
348	392	T-	0.	0.
348	391	T-	0.	0.
348	365	W	0.00217	-0.00038
348	366	W	0.00228	-0.00038
348	392	W	0.00228	0.00028
348	391	W	0.00217	0.00028

Table 27: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13	V23
			KN/mm	KN/mm
348	365	Qm-1	0.00035	0.00389
348	366	Qm-1	0.00035	0.00389
348	392	Qm-1	0.00035	0.00388
348	391	Qm-1	0.00035	0.00388
348	365	Qm-2	-0.00013	0.00011
348	366	Qm-2	-0.00013	0.00011
348	392	Qm-2	-0.00013	0.00011
348	391	Qm-2	-0.00013	0.00011
349	366	DEAD	0.	0.
349	367	DEAD	0.	0.
349	393	DEAD	0.	0.
349	392	DEAD	0.	0.
349	366	G1	-8.526E-11	2.071E-10
349	367	G1	2.222E-12	1.412E-10
349	393	G1	-2.977E-11	1.744E-10
349	392	G1	-2.552E-11	1.311E-10
349	366	G2	-0.00015	0.00041
349	367	G2	-0.00018	0.00041
349	393	G2	-0.00018	0.00043
349	392	G2	-0.00015	0.00043
349	366	Qm	0.00035	-0.0026
349	367	Qm	0.00037	-0.0026
349	393	Qm	0.00037	-0.00257
349	392	Qm	0.00035	-0.00257
349	366	Qs	-3.439E-12	3.712E-12
349	367	Qs	1.240E-12	8.515E-13
349	393	Qs	-2.021E-12	2.294E-12
349	392	Qs	-9.669E-13	-1.670E-12
349	366	T+	0.	0.
349	367	T+	0.	0.
349	393	T+	0.	0.
349	392	T+	0.	0.
349	366	T-	0.	0.
349	367	T-	0.	0.
349	393	T-	0.	0.
349	392	T-	0.	0.
349	366	W	0.00189	-0.00191
349	367	W	0.00259	-0.00191
349	393	W	0.00259	-0.00098
349	392	W	0.00189	-0.00098
349	366	Qm-1	0.00035	0.00553
349	367	Qm-1	0.00035	0.00553
349	393	Qm-1	0.00035	0.00552
349	392	Qm-1	0.00035	0.00552
349	366	Qm-2	-0.00014	0.00015
349	367	Qm-2	-0.00014	0.00015
349	393	Qm-2	-0.00014	0.00015
349	392	Qm-2	-0.00014	0.00015
350	367	DEAD	0.	0.
350	368	DEAD	0.	0.
350	394	DEAD	0.	0.
350	393	DEAD	0.	0.
350	367	G1	-2.452E-11	2.104E-10
350	368	G1	-1.873E-11	2.689E-10

Table 27: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13	V23
			KN/mm	KN/mm
350	394	G1	-4.974E-11	2.381E-10
350	393	G1	-1.621E-11	2.538E-10
350	367	G2	-0.00019	0.00043
350	368	G2	-0.0002	0.00043
350	394	G2	-0.0002	0.00046
350	393	G2	-0.00019	0.00046
350	367	Qm	0.00035	-0.00303
350	368	Qm	0.00037	-0.00303
350	394	Qm	0.00037	-0.00299
350	393	Qm	0.00035	-0.00299
350	367	Qs	-1.199E-12	3.808E-12
350	368	Qs	-2.414E-12	7.468E-12
350	394	Qs	-4.352E-12	5.384E-12
350	393	Qs	-6.801E-13	6.365E-12
350	367	T+	0.	0.
350	368	T+	0.	0.
350	394	T+	0.	0.
350	393	T+	0.	0.
350	367	T-	0.	0.
350	368	T-	0.	0.
350	394	T-	0.	0.
350	393	T-	0.	0.
350	367	W	0.00238	-0.00361
350	368	W	0.00265	-0.00361
350	394	W	0.00265	-0.00326
350	393	W	0.00238	-0.00326
350	367	Qm-1	0.00035	0.00719
350	368	Qm-1	0.00036	0.00719
350	394	Qm-1	0.00036	0.00719
350	393	Qm-1	0.00035	0.00719
350	367	Qm-2	-0.00014	0.00018
350	368	Qm-2	-0.00015	0.00018
350	394	Qm-2	-0.00015	0.00018
350	393	Qm-2	-0.00014	0.00018
351	368	DEAD	0.	0.
351	369	DEAD	0.	0.
351	395	DEAD	0.	0.
351	394	DEAD	0.	0.
351	368	G1	1.966E-11	7.514E-12
351	369	G1	-6.795E-11	1.096E-11
351	395	G1	1.966E-11	-1.771E-11
351	394	G1	-8.056E-11	-1.678E-11
351	368	G2	-0.00021	0.00043
351	369	G2	-0.00023	0.00043
351	395	G2	-0.00023	0.00043
351	394	G2	-0.00021	0.00043
351	368	Qm	0.00035	-0.00244
351	369	Qm	0.00036	-0.00244
351	395	Qm	0.00036	-0.0024
351	394	Qm	0.00035	-0.0024
351	368	Qs	-4.877E-14	4.173E-12
351	369	Qs	-6.370E-12	4.173E-12
351	395	Qs	-6.793E-13	1.651E-12
351	394	Qs	-6.370E-12	1.651E-12

Table 27: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13	V23
			KN/mm	KN/mm
351	368	T+	0.	0.
351	369	T+	0.	0.
351	395	T+	0.	0.
351	394	T+	0.	0.
351	368	T-	0.	0.
351	369	T-	0.	0.
351	395	T-	0.	0.
351	394	T-	0.	0.
351	368	W	0.00265	-0.00455
351	369	W	0.00376	-0.00455
351	395	W	0.00376	-0.00936
351	394	W	0.00265	-0.00936
351	368	Qm-1	0.00035	-0.00312
351	369	Qm-1	0.00036	-0.00312
351	395	Qm-1	0.00036	-0.00311
351	394	Qm-1	0.00035	-0.00311
351	368	Qm-2	-0.00015	0.00021
351	369	Qm-2	-0.00015	0.00021
351	395	Qm-2	-0.00015	0.00021
351	394	Qm-2	-0.00015	0.00021
352	369	DEAD	0.	0.
352	370	DEAD	0.	0.
352	396	DEAD	0.	0.
352	395	DEAD	0.	0.
352	369	G1	-2.415E-11	-7.942E-12
352	370	G1	4.979E-11	-1.877E-11
352	396	G1	2.124E-11	3.998E-11
352	395	G1	3.466E-11	1.149E-11
352	369	G2	-0.00022	0.00042
352	370	G2	-0.00025	0.00042
352	396	G2	-0.00025	0.00038
352	395	G2	-0.00022	0.00038
352	369	Qm	0.00035	-0.00084
352	370	Qm	0.00037	-0.00084
352	396	Qm	0.00037	-0.0008
352	395	Qm	0.00035	-0.0008
352	369	Qs	-3.499E-12	1.688E-12
352	370	Qs	1.461E-12	1.011E-12
352	396	Qs	1.861E-12	4.683E-12
352	395	Qs	-2.007E-12	2.902E-12
352	369	T+	0.	0.
352	370	T+	0.	0.
352	396	T+	0.	0.
352	395	T+	0.	0.
352	369	T-	0.	0.
352	370	T-	0.	0.
352	396	T-	0.	0.
352	395	T-	0.	0.
352	369	W	0.00252	-0.00537
352	370	W	0.00285	-0.00537
352	396	W	0.00285	-0.0105
352	395	W	0.00252	-0.0105
352	369	Qm-1	0.00035	-0.00141
352	370	Qm-1	0.00037	-0.00141

Table 27: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13	V23
			KN/mm	KN/mm
352	396	Qm-1	0.00037	-0.00138
352	395	Qm-1	0.00035	-0.00138
352	369	Qm-2	-0.00015	0.00024
352	370	Qm-2	-0.00016	0.00024
352	396	Qm-2	-0.00016	0.00023
352	395	Qm-2	-0.00015	0.00023
353	371	DEAD	0.	0.
353	372	DEAD	0.	0.
353	398	DEAD	0.	0.
353	397	DEAD	0.	0.
353	371	G1	5.662E-11	-4.343E-11
353	372	G1	2.937E-11	-5.032E-11
353	398	G1	-1.148E-11	-3.082E-11
353	397	G1	4.198E-11	-3.267E-11
353	371	G2	-0.00014	-0.00018
353	372	G2	-0.00014	-0.00018
353	398	G2	-0.00014	-0.00018
353	397	G2	-0.00014	-0.00018
353	371	Qm	0.00076	0.00064
353	372	Qm	0.00076	0.00064
353	398	Qm	0.00076	0.00062
353	397	Qm	0.00076	0.00062
353	371	Qs	2.841E-12	-3.531E-12
353	372	Qs	9.921E-13	-3.962E-12
353	398	Qs	1.618E-13	-4.477E-12
353	397	Qs	1.465E-12	-4.592E-12
353	371	T+	0.	0.
353	372	T+	0.	0.
353	398	T+	0.	0.
353	397	T+	0.	0.
353	371	T-	0.	0.
353	372	T-	0.	0.
353	398	T-	0.	0.
353	397	T-	0.	0.
353	371	W	0.0027	8.415E-05
353	372	W	0.00267	8.415E-05
353	398	W	0.00267	2.654E-05
353	397	W	0.0027	2.654E-05
353	371	Qm-1	0.00097	0.0009
353	372	Qm-1	0.00096	0.0009
353	398	Qm-1	0.00096	0.00087
353	397	Qm-1	0.00097	0.00087
353	371	Qm-2	0.00014	0.00017
353	372	Qm-2	0.00018	0.00017
353	398	Qm-2	0.00018	0.00019
353	397	Qm-2	0.00014	0.00019
354	372	DEAD	0.	0.
354	373	DEAD	0.	0.
354	399	DEAD	0.	0.
354	398	DEAD	0.	0.
354	372	G1	1.190E-11	-6.476E-12
354	373	G1	1.073E-11	6.046E-11
354	399	G1	2.451E-11	-6.196E-11
354	398	G1	8.203E-12	3.272E-11

Table 27: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13	V23
			KN/mm	KN/mm
354	372	G2	-0.00014	-0.00022
354	373	G2	-0.00014	-0.00022
354	399	G2	-0.00014	-0.00022
354	398	G2	-0.00014	-0.00022
354	372	Qm	0.00077	0.00186
354	373	Qm	0.00077	0.00186
354	399	Qm	0.00077	0.00182
354	398	Qm	0.00077	0.00182
354	372	Qs	2.454E-13	-5.624E-12
354	373	Qs	-9.157E-13	-3.378E-12
354	399	Qs	-7.004E-13	-6.570E-12
354	398	Qs	1.877E-13	-1.172E-12
354	372	T+	0.	0.
354	373	T+	0.	0.
354	399	T+	0.	0.
354	398	T+	0.	0.
354	372	T-	0.	0.
354	373	T-	0.	0.
354	399	T-	0.	0.
354	398	T-	0.	0.
354	372	W	0.00269	0.00029
354	373	W	0.00268	0.00029
354	399	W	0.00268	0.00024
354	398	W	0.00269	0.00024
354	372	Qm-1	0.00098	0.00237
354	373	Qm-1	0.00097	0.00237
354	399	Qm-1	0.00097	0.00232
354	398	Qm-1	0.00098	0.00232
354	372	Qm-2	0.00018	0.00043
354	373	Qm-2	0.00025	0.00043
354	399	Qm-2	0.00025	0.0004
354	398	Qm-2	0.00018	0.0004
355	373	DEAD	0.	0.
355	374	DEAD	0.	0.
355	400	DEAD	0.	0.
355	399	DEAD	0.	0.
355	373	G1	3.470E-11	1.029E-10
355	374	G1	3.587E-11	5.023E-11
355	400	G1	2.209E-11	1.155E-10
355	399	G1	3.839E-11	5.023E-11
355	373	G2	-0.00014	-0.00025
355	374	G2	-0.00014	-0.00025
355	400	G2	-0.00014	-0.00025
355	399	G2	-0.00014	-0.00025
355	373	Qm	0.00079	0.00314
355	374	Qm	0.00079	0.00314
355	400	Qm	0.00079	0.00309
355	399	Qm	0.00079	0.00309
355	373	Qs	9.148E-13	-1.926E-12
355	374	Qs	1.292E-12	-3.064E-12
355	400	Qs	-2.553E-12	-3.494E-13
355	399	Qs	3.462E-13	-3.852E-12
355	373	T+	0.	0.
355	374	T+	0.	0.

Table 27: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13	V23
			KN/mm	KN/mm
355	400	T+	0.	0.
355	399	T+	0.	0.
355	373	T-	0.	0.
355	374	T-	0.	0.
355	400	T-	0.	0.
355	399	T-	0.	0.
355	373	W	0.0027	0.00048
355	374	W	0.0027	0.00048
355	400	W	0.0027	0.00044
355	399	W	0.0027	0.00044
355	373	Qm-1	0.00099	0.00391
355	374	Qm-1	0.00098	0.00391
355	400	Qm-1	0.00098	0.00386
355	399	Qm-1	0.00099	0.00386
355	373	Qm-2	0.00025	0.00064
355	374	Qm-2	0.00047	0.00064
355	400	Qm-2	0.00047	0.00071
355	399	Qm-2	0.00025	0.00071
356	374	DEAD	0.	0.
356	375	DEAD	0.	0.
356	401	DEAD	0.	0.
356	400	DEAD	0.	0.
356	374	G1	-1.247E-12	9.280E-11
356	375	G1	3.960E-11	9.329E-11
356	401	G1	3.910E-11	8.775E-11
356	400	G1	2.447E-11	1.135E-10
356	374	G2	-0.00014	-0.00027
356	375	G2	-0.00014	-0.00027
356	401	G2	-0.00014	-0.00027
356	400	G2	-0.00014	-0.00027
356	374	Qm	0.00081	0.00451
356	375	Qm	0.0008	0.00451
356	401	Qm	0.0008	0.00444
356	400	Qm	0.00081	0.00444
356	374	Qs	-1.334E-12	-5.342E-12
356	375	Qs	1.534E-12	-3.342E-12
356	401	Qs	2.421E-13	-4.396E-12
356	400	Qs	-9.880E-13	-6.623E-13
356	374	T+	0.	0.
356	375	T+	0.	0.
356	401	T+	0.	0.
356	400	T+	0.	0.
356	374	T-	0.	0.
356	375	T-	0.	0.
356	401	T-	0.	0.
356	400	T-	0.	0.
356	374	W	0.00272	0.00065
356	375	W	0.00272	0.00065
356	401	W	0.00272	0.0006
356	400	W	0.00272	0.0006
356	374	Qm-1	0.001	0.00552
356	375	Qm-1	0.001	0.00552
356	401	Qm-1	0.001	0.00547
356	400	Qm-1	0.001	0.00547

Table 27: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13	V23
			KN/mm	KN/mm
356	374	Qm-2	0.00061	0.00183
356	375	Qm-2	0.00177	0.00183
356	401	Qm-2	0.00177	0.00065
356	400	Qm-2	0.00061	0.00065
357	375	DEAD	0.	0.
357	376	DEAD	0.	0.
357	402	DEAD	0.	0.
357	401	DEAD	0.	0.
357	375	G1	1.025E-10	-1.250E-10
357	376	G1	4.368E-11	-1.250E-10
357	402	G1	7.223E-11	-8.466E-11
357	401	G1	4.368E-11	-8.466E-11
357	375	G2	-0.00014	-0.00028
357	376	G2	-0.00014	-0.00028
357	402	G2	-0.00014	-0.00028
357	401	G2	-0.00014	-0.00028
357	375	Qm	0.00083	0.00404
357	376	Qm	0.00082	0.00404
357	402	Qm	0.00082	0.00399
357	401	Qm	0.00083	0.00399
357	375	Qs	3.967E-12	-5.941E-12
357	376	Qs	-6.858E-13	-5.726E-12
357	402	Qs	1.129E-12	-2.158E-12
357	401	Qs	-1.316E-12	-2.100E-12
357	375	T+	0.	0.
357	376	T+	0.	0.
357	402	T+	0.	0.
357	401	T+	0.	0.
357	375	T-	0.	0.
357	376	T-	0.	0.
357	402	T-	0.	0.
357	401	T-	0.	0.
357	375	W	0.00274	0.0008
357	376	W	0.00274	0.0008
357	402	W	0.00274	0.00074
357	401	W	0.00274	0.00074
357	375	Qm-1	0.00102	-0.0018
357	376	Qm-1	0.00101	-0.0018
357	402	Qm-1	0.00101	-0.00185
357	401	Qm-1	0.00102	-0.00185
357	375	Qm-2	0.00177	-0.00133
357	376	Qm-2	0.00066	-0.00133
357	402	Qm-2	0.00066	-0.00014
357	401	Qm-2	0.00177	-0.00014
358	376	DEAD	0.	0.
358	377	DEAD	0.	0.
358	403	DEAD	0.	0.
358	402	DEAD	0.	0.
358	376	G1	9.527E-11	-6.856E-11
358	377	G1	3.571E-11	-1.138E-10
358	403	G1	7.509E-11	-2.317E-11
358	402	G1	7.970E-12	-6.088E-11
358	376	G2	-0.00014	-0.00029
358	377	G2	-0.00014	-0.00029

Table 27: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13	V23
			KN/mm	KN/mm
358	403	G2	-0.00014	-0.00029
358	402	G2	-0.00014	-0.00029
358	376	Qm	0.00084	0.00174
358	377	Qm	0.00084	0.00174
358	403	Qm	0.00084	0.00171
358	402	Qm	0.00084	0.00171
358	376	Qs	2.611E-12	-1.969E-12
358	377	Qs	9.270E-13	-4.583E-12
358	403	Qs	1.666E-12	-2.126E-12
358	402	Qs	-2.383E-12	-4.426E-12
358	376	T+	0.	0.
358	377	T+	0.	0.
358	403	T+	0.	0.
358	402	T+	0.	0.
358	376	T-	0.	0.
358	377	T-	0.	0.
358	403	T-	0.	0.
358	402	T-	0.	0.
358	376	W	0.00276	0.00093
358	377	W	0.00276	0.00093
358	403	W	0.00276	0.00087
358	402	W	0.00276	0.00087
358	376	Qm-1	0.00103	-6.369E-05
358	377	Qm-1	0.00102	-6.369E-05
358	403	Qm-1	0.00102	-0.0001
358	402	Qm-1	0.00103	-0.0001
358	376	Qm-2	0.00052	-0.00011
358	377	Qm-2	0.00037	-0.00011
358	403	Qm-2	0.00037	-0.00021
358	402	Qm-2	0.00052	-0.00021
359	377	DEAD	0.	0.
359	378	DEAD	0.	0.
359	404	DEAD	0.	0.
359	403	DEAD	0.	0.
359	377	G1	5.198E-11	-7.071E-12
359	378	G1	2.651E-11	-1.396E-11
359	404	G1	3.684E-11	3.328E-11
359	403	G1	4.921E-11	3.143E-11
359	377	G2	-0.00014	-0.00029
359	378	G2	-0.00014	-0.00029
359	404	G2	-0.00014	-0.00029
359	403	G2	-0.00014	-0.00029
359	377	Qm	0.00084	-0.00052
359	378	Qm	0.00085	-0.00052
359	404	Qm	0.00085	-0.00052
359	403	Qm	0.00084	-0.00052
359	377	Qs	2.055E-13	-3.745E-12
359	378	Qs	-7.670E-13	-4.175E-12
359	404	Qs	-1.844E-12	1.957E-13
359	403	Qs	4.940E-13	8.033E-14
359	377	T+	0.	0.
359	378	T+	0.	0.
359	404	T+	0.	0.
359	403	T+	0.	0.

Table 27: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13	V23
			KN/mm	KN/mm
359	377	T-	0.	0.
359	378	T-	0.	0.
359	404	T-	0.	0.
359	403	T-	0.	0.
359	377	W	0.00279	0.00105
359	378	W	0.00279	0.00105
359	404	W	0.00279	0.00098
359	403	W	0.00279	0.00098
359	377	Qm-1	0.00103	0.00171
359	378	Qm-1	0.00102	0.00171
359	404	Qm-1	0.00102	0.00168
359	403	Qm-1	0.00103	0.00168
359	377	Qm-2	0.00037	7.495E-05
359	378	Qm-2	0.00049	7.495E-05
359	404	Qm-2	0.00049	0.00019
359	403	Qm-2	0.00037	0.00019
360	378	DEAD	0.	0.
360	379	DEAD	0.	0.
360	405	DEAD	0.	0.
360	404	DEAD	0.	0.
360	378	G1	7.924E-11	5.403E-11
360	379	G1	5.472E-12	1.614E-11
360	405	G1	2.123E-11	8.429E-11
360	404	G1	-2.731E-11	7.414E-11
360	378	G2	-0.00014	-0.00029
360	379	G2	-0.00014	-0.00029
360	405	G2	-0.00014	-0.00028
360	404	G2	-0.00014	-0.00028
360	378	Qm	0.00084	-0.00277
360	379	Qm	0.00085	-0.00277
360	405	Qm	0.00085	-0.00274
360	404	Qm	0.00084	-0.00274
360	378	Qs	5.404E-13	4.208E-13
360	379	Qs	-7.557E-13	-3.670E-12
360	405	Qs	1.644E-12	-1.786E-12
360	404	Qs	-1.701E-12	-2.882E-12
360	378	T+	0.	0.
360	379	T+	0.	0.
360	405	T+	0.	0.
360	404	T+	0.	0.
360	378	T-	0.	0.
360	379	T-	0.	0.
360	405	T-	0.	0.
360	404	T-	0.	0.
360	378	W	0.00281	0.00115
360	379	W	0.00282	0.00115
360	405	W	0.00282	0.0011
360	404	W	0.00281	0.0011
360	378	Qm-1	0.00103	0.00351
360	379	Qm-1	0.001	0.00351
360	405	Qm-1	0.001	0.0035
360	404	Qm-1	0.00103	0.0035
360	378	Qm-2	0.00063	0.00128
360	379	Qm-2	0.0017	0.00128

Table 27: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13	V23
			KN/mm	KN/mm
360	405	Qm-2	0.0017	9.920E-05
360	404	Qm-2	0.00063	9.920E-05
361	379	DEAD	0.	0.
361	380	DEAD	0.	0.
361	406	DEAD	0.	0.
361	405	DEAD	0.	0.
361	379	G1	1.946E-11	-1.321E-10
361	380	G1	2.665E-12	-1.739E-10
361	406	G1	1.694E-11	-1.548E-10
361	405	G1	-9.945E-12	-1.916E-10
361	379	G2	-0.00015	-0.00028
361	380	G2	-0.00015	-0.00028
361	406	G2	-0.00015	-0.00027
361	405	G2	-0.00015	-0.00027
361	379	Qm	0.00084	-0.00313
361	380	Qm	0.00084	-0.00313
361	406	Qm	0.00084	-0.00309
361	405	Qm	0.00084	-0.00309
361	379	Qs	-1.398E-13	-2.306E-12
361	380	Qs	-1.662E-12	-2.737E-12
361	406	Qs	-7.703E-13	-3.882E-12
361	405	Qs	-1.978E-12	-3.998E-12
361	379	T+	0.	0.
361	380	T+	0.	0.
361	406	T+	0.	0.
361	405	T+	0.	0.
361	379	T-	0.	0.
361	380	T-	0.	0.
361	406	T-	0.	0.
361	405	T-	0.	0.
361	379	W	0.00284	0.00124
361	380	W	0.00285	0.00124
361	406	W	0.00285	0.00121
361	405	W	0.00284	0.00121
361	379	Qm-1	0.00101	-0.0037
361	380	Qm-1	0.00098	-0.0037
361	406	Qm-1	0.00098	-0.00369
361	405	Qm-1	0.00101	-0.00369
361	379	Qm-2	0.0017	-0.00193
361	380	Qm-2	0.00051	-0.00193
361	406	Qm-2	0.00051	-0.00073
361	405	Qm-2	0.0017	-0.00073
362	380	DEAD	0.	0.
362	381	DEAD	0.	0.
362	407	DEAD	0.	0.
362	406	DEAD	0.	0.
362	380	G1	1.855E-11	-8.848E-11
362	381	G1	4.100E-11	-9.193E-11
362	407	G1	5.134E-11	-9.353E-11
362	406	G1	1.578E-11	-9.445E-11
362	380	G2	-0.00015	-0.00026
362	381	G2	-0.00015	-0.00026
362	407	G2	-0.00015	-0.00026
362	406	G2	-0.00015	-0.00026

Table 27: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13	V23
			KN/mm	KN/mm
362	380	Qm	0.00083	-0.00161
362	381	Qm	0.00083	-0.00161
362	407	Qm	0.00083	-0.00158
362	406	Qm	0.00083	-0.00158
362	380	Qs	-1.888E-12	-1.010E-12
362	381	Qs	1.567E-13	-1.441E-12
362	407	Qs	2.525E-12	-5.371E-13
362	406	Qs	-2.523E-12	-6.525E-13
362	380	T+	0.	0.
362	381	T+	0.	0.
362	407	T+	0.	0.
362	406	T+	0.	0.
362	380	T-	0.	0.
362	381	T-	0.	0.
362	407	T-	0.	0.
362	406	T-	0.	0.
362	380	W	0.00286	0.00132
362	381	W	0.00288	0.00132
362	407	W	0.00288	0.0013
362	406	W	0.00286	0.0013
362	380	Qm-1	0.00098	-0.00191
362	381	Qm-1	0.00095	-0.00191
362	407	Qm-1	0.00095	-0.00189
362	406	Qm-1	0.00098	-0.00189
362	380	Qm-2	0.00036	-0.00081
362	381	Qm-2	0.00011	-0.00081
362	407	Qm-2	0.00011	-0.00086
362	406	Qm-2	0.00036	-0.00086
363	381	DEAD	0.	0.
363	382	DEAD	0.	0.
363	408	DEAD	0.	0.
363	407	DEAD	0.	0.
363	381	G1	1.975E-11	-4.537E-11
363	382	G1	7.149E-11	-1.486E-11
363	408	G1	2.094E-12	-2.015E-11
363	407	G1	6.392E-11	-3.756E-11
363	381	G2	-0.00015	-0.00023
363	382	G2	-0.00015	-0.00023
363	408	G2	-0.00015	-0.00023
363	407	G2	-0.00015	-0.00023
363	381	Qm	0.00082	-0.00011
363	382	Qm	0.0008	-0.00011
363	408	Qm	0.0008	-9.870E-05
363	407	Qm	0.00082	-9.870E-05
363	381	Qs	1.367E-12	-3.378E-12
363	382	Qs	1.787E-12	1.513E-12
363	408	Qs	-3.664E-13	1.193E-12
363	407	Qs	1.944E-12	-6.938E-13
363	381	T+	0.	0.
363	382	T+	0.	0.
363	408	T+	0.	0.
363	407	T+	0.	0.
363	381	T-	0.	0.
363	382	T-	0.	0.

Table 27: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13	V23
			KN/mm	KN/mm
363	408	T-	0.	0.
363	407	T-	0.	0.
363	381	W	0.00288	0.00138
363	382	W	0.0029	0.00138
363	408	W	0.0029	0.00138
363	407	W	0.00288	0.00138
363	381	Qm-1	0.00094	-0.00016
363	382	Qm-1	0.00092	-0.00016
363	408	Qm-1	0.00092	-0.00012
363	407	Qm-1	0.00094	-0.00012
363	381	Qm-2	0.00011	-0.0007
363	382	Qm-2	5.101E-06	-0.0007
363	408	Qm-2	5.101E-06	-0.00065
363	407	Qm-2	0.00011	-0.00065
364	382	DEAD	0.	0.
364	383	DEAD	0.	0.
364	409	DEAD	0.	0.
364	408	DEAD	0.	0.
364	382	G1	2.822E-12	-4.947E-13
364	383	G1	4.459E-11	2.067E-11
364	409	G1	2.048E-11	-2.571E-11
364	408	G1	9.283E-12	5.539E-12
364	382	G2	-0.00015	-0.0002
364	383	G2	-0.00015	-0.0002
364	409	G2	-0.00015	-0.0002
364	408	G2	-0.00015	-0.0002
364	382	Qm	0.0008	0.00136
364	383	Qm	0.00078	0.00136
364	409	Qm	0.00078	0.00135
364	408	Qm	0.0008	0.00135
364	382	Qs	-1.629E-12	5.906E-13
364	383	Qs	1.374E-12	6.525E-13
364	409	Qs	-2.102E-12	-1.774E-12
364	408	Qs	9.011E-13	1.441E-12
364	382	T+	0.	0.
364	383	T+	0.	0.
364	409	T+	0.	0.
364	408	T+	0.	0.
364	382	T-	0.	0.
364	383	T-	0.	0.
364	409	T-	0.	0.
364	408	T-	0.	0.
364	382	W	0.0029	0.00142
364	383	W	0.00291	0.00142
364	409	W	0.00291	0.00142
364	408	W	0.0029	0.00142
364	382	Qm-1	0.0009	0.00155
364	383	Qm-1	0.00088	0.00155
364	409	Qm-1	0.00088	0.0016
364	408	Qm-1	0.0009	0.0016
364	382	Qm-2	4.004E-06	-0.00056
364	383	Qm-2	-7.305E-05	-0.00056
364	409	Qm-2	-7.305E-05	-0.00056
364	408	Qm-2	4.004E-06	-0.00056

Table 27: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13	V23
			KN/mm	KN/mm
365	383	DEAD	0.	0.
365	384	DEAD	0.	0.
365	410	DEAD	0.	0.
365	409	DEAD	0.	0.
365	383	G1	3.212E-12	-2.112E-10
365	384	G1	-1.199E-11	-2.147E-10
365	410	G1	2.591E-11	-1.936E-10
365	409	G1	-6.942E-12	-1.945E-10
365	383	G2	-0.00015	-0.00016
365	384	G2	-0.00015	-0.00016
365	410	G2	-0.00015	-0.00016
365	409	G2	-0.00015	-0.00016
365	383	Qm	0.00079	0.00182
365	384	Qm	0.00076	0.00182
365	410	Qm	0.00076	0.0018
365	409	Qm	0.00079	0.0018
365	383	Qs	-2.447E-12	-1.576E-13
365	384	Qs	-1.202E-12	-5.883E-13
365	410	Qs	-5.558E-13	1.576E-13
365	409	Qs	-2.620E-12	4.223E-14
365	383	T+	0.	0.
365	384	T+	0.	0.
365	410	T+	0.	0.
365	409	T+	0.	0.
365	383	T-	0.	0.
365	384	T-	0.	0.
365	410	T-	0.	0.
365	409	T-	0.	0.
365	383	W	0.00291	0.00144
365	384	W	0.0029	0.00144
365	410	W	0.0029	0.00144
365	409	W	0.00291	0.00144
365	383	Qm-1	0.00086	-0.00877
365	384	Qm-1	0.00084	-0.00877
365	410	Qm-1	0.00084	-0.00872
365	409	Qm-1	0.00086	-0.00872
365	383	Qm-2	-6.485E-05	-0.00046
365	384	Qm-2	-0.00012	-0.00046
365	410	Qm-2	-0.00012	-0.00048
365	409	Qm-2	-6.485E-05	-0.00048
366	384	DEAD	0.	0.
366	385	DEAD	0.	0.
366	411	DEAD	0.	0.
366	410	DEAD	0.	0.
366	384	G1	-1.639E-11	-1.808E-10
366	385	G1	6.058E-12	-1.843E-10
366	411	G1	1.639E-11	-1.279E-10
366	410	G1	-1.916E-11	-1.288E-10
366	384	G2	-0.00015	-0.00012
366	385	G2	-0.00016	-0.00012
366	411	G2	-0.00016	-0.00012
366	410	G2	-0.00015	-0.00012
366	384	Qm	0.00077	0.00128
366	385	Qm	0.00074	0.00128

Table 27: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13	V23
			KN/mm	KN/mm
366	411	Qm	0.00074	0.00125
366	410	Qm	0.00077	0.00125
366	384	Qs	-6.272E-13	-1.375E-12
366	385	Qs	-1.104E-12	-1.591E-12
366	411	Qs	1.264E-12	3.196E-12
366	410	Qs	-1.262E-12	3.138E-12
366	384	T+	0.	0.
366	385	T+	0.	0.
366	411	T+	0.	0.
366	410	T+	0.	0.
366	384	T-	0.	0.
366	385	T-	0.	0.
366	411	T-	0.	0.
366	410	T-	0.	0.
366	384	W	0.00291	0.00144
366	385	W	0.00288	0.00144
366	411	W	0.00288	0.00143
366	410	W	0.00291	0.00143
366	384	Qm-1	0.00082	-0.00714
366	385	Qm-1	0.0008	-0.00714
366	411	Qm-1	0.0008	-0.00709
366	410	Qm-1	0.00082	-0.00709
366	384	Qm-2	-0.0001	-0.00039
366	385	Qm-2	-0.00014	-0.00039
366	411	Qm-2	-0.00014	-0.00041
366	410	Qm-2	-0.0001	-0.00041
367	385	DEAD	0.	0.
367	386	DEAD	0.	0.
367	412	DEAD	0.	0.
367	411	DEAD	0.	0.
367	385	G1	6.162E-12	-1.046E-10
367	386	G1	3.212E-11	-1.258E-10
367	412	G1	1.118E-12	-6.428E-11
367	411	G1	1.447E-11	-9.553E-11
367	385	G2	-0.00016	-6.556E-05
367	386	G2	-0.00016	-6.556E-05
367	412	G2	-0.00016	-6.619E-05
367	411	G2	-0.00016	-6.619E-05
367	385	Qm	0.00076	0.00074
367	386	Qm	0.00073	0.00074
367	412	Qm	0.00073	0.00071
367	411	Qm	0.00076	0.00071
367	385	Qs	4.223E-14	3.218E-13
367	386	Qs	-1.576E-13	-1.089E-13
367	412	Qs	-5.883E-13	9.523E-13
367	411	Qs	1.576E-13	8.369E-13
367	385	T+	0.	0.
367	386	T+	0.	0.
367	412	T+	0.	0.
367	411	T+	0.	0.
367	385	T-	0.	0.
367	386	T-	0.	0.
367	412	T-	0.	0.
367	411	T-	0.	0.

Table 27: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13	V23
			KN/mm	KN/mm
367	385	W	0.00289	0.00142
367	386	W	0.00285	0.00142
367	412	W	0.00285	0.00141
367	411	W	0.00289	0.00141
367	385	Qm-1	0.00078	-0.00555
367	386	Qm-1	0.00077	-0.00555
367	412	Qm-1	0.00077	-0.0055
367	411	Qm-1	0.00078	-0.0055
367	385	Qm-2	-0.00013	-0.00031
367	386	Qm-2	-0.00016	-0.00031
367	412	Qm-2	-0.00016	-0.00034
367	411	Qm-2	-0.00013	-0.00034
368	386	DEAD	0.	0.
368	387	DEAD	0.	0.
368	413	DEAD	0.	0.
368	412	DEAD	0.	0.
368	386	G1	-5.134E-12	-4.986E-11
368	387	G1	-3.596E-11	-1.124E-10
368	413	G1	2.261E-11	-8.264E-11
368	412	G1	-2.083E-11	-1.250E-10
368	386	G2	-0.00016	-7.318E-06
368	387	G2	-0.00017	-7.318E-06
368	413	G2	-0.00017	-8.984E-06
368	412	G2	-0.00016	-8.984E-06
368	386	Qm	0.00075	0.00022
368	387	Qm	0.00073	0.00022
368	413	Qm	0.00073	0.00019
368	412	Qm	0.00075	0.00019
368	386	Qs	-2.741E-12	4.279E-12
368	387	Qs	-1.073E-13	5.874E-13
368	413	Qs	1.831E-12	1.805E-13
368	412	Qs	-3.260E-12	-2.407E-12
368	386	T+	0.	0.
368	387	T+	0.	0.
368	413	T+	0.	0.
368	412	T+	0.	0.
368	386	T-	0.	0.
368	387	T-	0.	0.
368	413	T-	0.	0.
368	412	T-	0.	0.
368	386	W	0.00286	0.00139
368	387	W	0.00279	0.00139
368	413	W	0.00279	0.00138
368	412	W	0.00286	0.00138
368	386	Qm-1	0.00075	-0.00397
368	387	Qm-1	0.00074	-0.00397
368	413	Qm-1	0.00074	-0.00394
368	412	Qm-1	0.00075	-0.00394
368	386	Qm-2	-0.00014	-0.00024
368	387	Qm-2	-0.00017	-0.00024
368	413	Qm-2	-0.00017	-0.00026
368	412	Qm-2	-0.00014	-0.00026
369	387	DEAD	0.	0.
369	388	DEAD	0.	0.

Table 27: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13	V23
			KN/mm	KN/mm
369	414	DEAD	0.	0.
369	413	DEAD	0.	0.
369	387	G1	2.877E-11	4.677E-11
369	388	G1	8.280E-12	3.250E-11
369	414	G1	-4.016E-12	1.147E-11
369	413	G1	-4.468E-11	-1.794E-11
369	387	G2	-0.00016	5.765E-05
369	388	G2	-0.00017	5.765E-05
369	414	G2	-0.00017	5.438E-05
369	413	G2	-0.00016	5.438E-05
369	387	Qm	0.00074	-0.00028
369	388	Qm	0.00072	-0.00028
369	414	Qm	0.00072	-0.0003
369	413	Qm	0.00074	-0.0003
369	387	Qs	-2.528E-13	5.800E-12
369	388	Qs	2.024E-14	4.908E-12
369	414	Qs	-2.932E-12	5.485E-12
369	413	Qs	-2.659E-12	3.647E-12
369	387	T+	0.	0.
369	388	T+	0.	0.
369	414	T+	0.	0.
369	413	T+	0.	0.
369	387	T-	0.	0.
369	388	T-	0.	0.
369	414	T-	0.	0.
369	413	T-	0.	0.
369	387	W	0.00279	0.00133
369	388	W	0.00269	0.00133
369	414	W	0.00269	0.00134
369	413	W	0.00279	0.00134
369	387	Qm-1	0.00073	-0.00242
369	388	Qm-1	0.00072	-0.00242
369	414	Qm-1	0.00072	-0.00239
369	413	Qm-1	0.00073	-0.00239
369	387	Qm-2	-0.00016	-0.00016
369	388	Qm-2	-0.00017	-0.00016
369	414	Qm-2	-0.00017	-0.00017
369	413	Qm-2	-0.00016	-0.00017
370	388	DEAD	0.	0.
370	389	DEAD	0.	0.
370	415	DEAD	0.	0.
370	414	DEAD	0.	0.
370	388	G1	5.327E-11	9.464E-12
370	389	G1	4.184E-11	5.030E-12
370	415	G1	7.880E-12	9.464E-12
370	414	G1	3.679E-11	-4.289E-11
370	388	G2	-0.00017	0.00013
370	389	G2	-0.00018	0.00013
370	415	G2	-0.00018	0.00012
370	414	G2	-0.00017	0.00012
370	388	Qm	0.00073	-0.00077
370	389	Qm	0.00072	-0.00077
370	415	Qm	0.00072	-0.00077
370	414	Qm	0.00073	-0.00077

Table 27: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13	V23
			KN/mm	KN/mm
370	388	Qs	2.381E-12	2.545E-12
370	389	Qs	2.711E-12	2.268E-12
370	415	Qs	8.044E-13	1.914E-12
370	414	Qs	1.293E-12	-1.358E-12
370	388	T+	0.	0.
370	389	T+	0.	0.
370	415	T+	0.	0.
370	414	T+	0.	0.
370	388	T-	0.	0.
370	389	T-	0.	0.
370	415	T-	0.	0.
370	414	T-	0.	0.
370	388	W	0.0027	0.00123
370	389	W	0.00254	0.00123
370	415	W	0.00254	0.00126
370	414	W	0.0027	0.00126
370	388	Qm-1	0.00071	-0.00087
370	389	Qm-1	0.0007	-0.00087
370	415	Qm-1	0.0007	-0.00086
370	414	Qm-1	0.00071	-0.00086
370	388	Qm-2	-0.00017	-7.814E-05
370	389	Qm-2	-0.00018	-7.814E-05
370	415	Qm-2	-0.00018	-8.352E-05
370	414	Qm-2	-0.00017	-8.352E-05
371	389	DEAD	0.	0.
371	390	DEAD	0.	0.
371	416	DEAD	0.	0.
371	415	DEAD	0.	0.
371	389	G1	1.280E-11	3.602E-12
371	390	G1	7.333E-12	-6.733E-12
371	416	G1	-9.893E-12	3.134E-11
371	415	G1	1.742E-11	2.857E-11
371	389	G2	-0.00018	0.00021
371	390	G2	-0.0002	0.00021
371	416	G2	-0.0002	0.0002
371	415	G2	-0.00018	0.0002
371	389	Qm	0.00072	-0.00124
371	390	Qm	0.00071	-0.00124
371	416	Qm	0.00071	-0.00123
371	415	Qm	0.00072	-0.00123
371	389	Qs	1.008E-13	9.100E-14
371	390	Qs	-3.762E-13	-3.396E-13
371	416	Qs	1.992E-12	9.100E-14
371	415	Qs	-5.338E-13	-2.438E-14
371	389	T+	0.	0.
371	390	T+	0.	0.
371	416	T+	0.	0.
371	415	T+	0.	0.
371	389	T-	0.	0.
371	390	T-	0.	0.
371	416	T-	0.	0.
371	415	T-	0.	0.
371	389	W	0.00253	0.00109
371	390	W	0.00228	0.00109

Table 27: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13	V23
			KN/mm	KN/mm
371	416	W	0.00228	0.00116
371	415	W	0.00253	0.00116
371	389	Qm-1	0.0007	0.0007
371	390	Qm-1	0.00069	0.0007
371	416	Qm-1	0.00069	0.00069
371	415	Qm-1	0.0007	0.00069
371	389	Qm-2	-0.00018	-3.772E-06
371	390	Qm-2	-0.00019	-3.772E-06
371	416	Qm-2	-0.00019	1.353E-06
371	415	Qm-2	-0.00018	1.353E-06
372	390	DEAD	0.	0.
372	391	DEAD	0.	0.
372	417	DEAD	0.	0.
372	416	DEAD	0.	0.
372	390	G1	4.411E-11	9.108E-11
372	391	G1	4.109E-11	8.764E-11
372	417	G1	2.141E-11	3.560E-11
372	416	G1	-1.780E-12	3.467E-11
372	390	G2	-0.0002	0.00029
372	391	G2	-0.00023	0.00029
372	417	G2	-0.00023	0.00028
372	416	G2	-0.0002	0.00028
372	390	Qm	0.00071	-0.0017
372	391	Qm	0.00071	-0.0017
372	417	Qm	0.00071	-0.00167
372	416	Qm	0.00071	-0.00167
372	390	Qs	2.880E-12	3.508E-12
372	391	Qs	8.467E-13	3.293E-12
372	417	Qs	-1.060E-12	4.072E-14
372	416	Qs	1.792E-12	-1.698E-14
372	390	T+	0.	0.
372	391	T+	0.	0.
372	417	T+	0.	0.
372	416	T+	0.	0.
372	390	T-	0.	0.
372	391	T-	0.	0.
372	417	T-	0.	0.
372	416	T-	0.	0.
372	390	W	0.00225	0.00084
372	391	W	0.00184	0.00084
372	417	W	0.00184	0.00106
372	416	W	0.00225	0.00106
372	390	Qm-1	0.0007	0.00228
372	391	Qm-1	0.00069	0.00228
372	417	Qm-1	0.00069	0.00226
372	416	Qm-1	0.0007	0.00226
372	390	Qm-2	-0.0002	6.186E-05
372	391	Qm-2	-0.0002	6.186E-05
372	417	Qm-2	-0.0002	7.529E-05
372	416	Qm-2	-0.0002	7.529E-05
373	391	DEAD	0.	0.
373	392	DEAD	0.	0.
373	418	DEAD	0.	0.
373	417	DEAD	0.	0.

Table 27: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13	V23
			KN/mm	KN/mm
373	391	G1	3.585E-11	1.055E-10
373	392	G1	3.155E-11	9.816E-11
373	418	G1	5.470E-13	1.711E-10
373	417	G1	4.416E-11	1.436E-10
373	391	G2	-0.00023	0.00038
373	392	G2	-0.00028	0.00038
373	418	G2	-0.00028	0.00037
373	417	G2	-0.00023	0.00037
373	391	Qm	0.0007	-0.00214
373	392	Qm	0.0007	-0.00214
373	418	Qm	0.0007	-0.00211
373	417	Qm	0.0007	-0.00211
373	391	Qs	8.303E-13	1.260E-12
373	392	Qs	-9.148E-13	-9.237E-13
373	418	Qs	-1.376E-12	5.201E-12
373	417	Qs	2.553E-12	3.017E-12
373	391	T+	0.	0.
373	392	T+	0.	0.
373	418	T+	0.	0.
373	417	T+	0.	0.
373	391	T-	0.	0.
373	392	T-	0.	0.
373	418	T-	0.	0.
373	417	T-	0.	0.
373	391	W	0.00167	0.00025
373	392	W	0.0013	0.00025
373	418	W	0.0013	0.00107
373	417	W	0.00167	0.00107
373	391	Qm-1	0.0007	0.00388
373	392	Qm-1	0.00069	0.00388
373	418	Qm-1	0.00069	0.00386
373	417	Qm-1	0.0007	0.00386
373	391	Qm-2	-0.00021	0.00012
373	392	Qm-2	-0.00022	0.00012
373	418	Qm-2	-0.00022	0.00013
373	417	Qm-2	-0.00021	0.00013
374	392	DEAD	0.	0.
374	393	DEAD	0.	0.
374	419	DEAD	0.	0.
374	418	DEAD	0.	0.
374	392	G1	-1.153E-11	1.782E-10
374	393	G1	2.679E-12	1.255E-10
374	419	G1	4.648E-11	2.135E-10
374	418	G1	2.790E-11	1.482E-10
374	392	G2	-0.00028	0.00045
374	393	G2	-0.00036	0.00045
374	419	G2	-0.00036	0.00047
374	418	G2	-0.00028	0.00047
374	392	Qm	0.00069	-0.00258
374	393	Qm	0.0007	-0.00258
374	419	Qm	0.0007	-0.00253
374	418	Qm	0.00069	-0.00253
374	392	Qs	-1.544E-13	2.409E-12
374	393	Qs	-6.849E-13	-4.208E-13

Table 27: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13	V23
			KN/mm	KN/mm
374	419	Qs	7.914E-13	4.143E-12
374	418	Qs	1.049E-12	1.786E-12
374	392	T+	0.	0.
374	393	T+	0.	0.
374	419	T+	0.	0.
374	418	T+	0.	0.
374	392	T-	0.	0.
374	393	T-	0.	0.
374	419	T-	0.	0.
374	418	T-	0.	0.
374	392	W	0.00061	-0.00144
374	393	W	0.00148	-0.00144
374	419	W	0.00148	0.00136
374	418	W	0.00061	0.00136
374	392	Qm-1	0.0007	0.00552
374	393	Qm-1	0.00069	0.00552
374	419	Qm-1	0.00069	0.00551
374	418	Qm-1	0.0007	0.00551
374	392	Qm-2	-0.00022	0.00016
374	393	Qm-2	-0.00023	0.00016
374	419	Qm-2	-0.00023	0.00017
374	418	Qm-2	-0.00022	0.00017
375	393	DEAD	0.	0.
375	394	DEAD	0.	0.
375	420	DEAD	0.	0.
375	419	DEAD	0.	0.
375	393	G1	4.354E-11	2.661E-10
375	394	G1	2.874E-12	2.248E-10
375	420	G1	5.110E-11	2.056E-10
375	419	G1	3.062E-11	1.945E-10
375	393	G2	-0.00037	0.00047
375	394	G2	-0.00042	0.00047
375	420	G2	-0.00042	0.00055
375	419	G2	-0.00037	0.00055
375	393	Qm	0.00068	-0.003
375	394	Qm	0.00069	-0.003
375	420	Qm	0.00069	-0.00295
375	419	Qm	0.00068	-0.00295
375	393	Qs	1.841E-12	9.247E-12
375	394	Qs	1.873E-14	4.479E-12
375	420	Qs	1.526E-12	4.676E-12
375	419	Qs	1.437E-12	1.800E-12
375	393	T+	0.	0.
375	394	T+	0.	0.
375	420	T+	0.	0.
375	419	T+	0.	0.
375	393	T-	0.	0.
375	394	T-	0.	0.
375	420	T-	0.	0.
375	419	T-	0.	0.
375	393	W	0.00037	-0.00383
375	394	W	0.00326	-0.00383
375	420	W	0.00326	-0.00464
375	419	W	0.00037	-0.00464

Table 27: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13	V23
			KN/mm	KN/mm
375	393	Qm-1	0.0007	0.00719
375	394	Qm-1	0.0007	0.00719
375	420	Qm-1	0.0007	0.00719
375	419	Qm-1	0.0007	0.00719
375	393	Qm-2	-0.00023	0.00019
375	394	Qm-2	-0.00024	0.00019
375	420	Qm-2	-0.00024	0.00019
375	419	Qm-2	-0.00023	0.00019
376	394	DEAD	0.	0.
376	395	DEAD	0.	0.
376	421	DEAD	0.	0.
376	420	DEAD	0.	0.
376	394	G1	3.079E-11	2.473E-13
376	395	G1	3.029E-11	-2.781E-11
376	421	G1	7.114E-11	1.286E-11
376	420	G1	4.542E-11	-2.024E-11
376	394	G2	-0.00044	0.00045
376	395	G2	-0.00049	0.00045
376	421	G2	-0.00049	0.00047
376	420	G2	-0.00044	0.00047
376	394	Qm	0.00067	-0.00241
376	395	Qm	0.00069	-0.00241
376	421	Qm	0.00069	-0.00236
376	420	Qm	0.00067	-0.00236
376	394	Qs	4.377E-12	2.625E-12
376	395	Qs	-3.331E-14	2.133E-12
376	421	Qs	3.904E-12	6.566E-12
376	420	Qs	1.243E-13	3.236E-12
376	394	T+	0.	0.
376	395	T+	0.	0.
376	421	T+	0.	0.
376	420	T+	0.	0.
376	394	T-	0.	0.
376	395	T-	0.	0.
376	421	T-	0.	0.
376	420	T-	0.	0.
376	394	W	0.00301	-0.00931
376	395	W	-0.00075	-0.00931
376	421	W	-0.00075	0.00701
376	420	W	0.00301	0.00701
376	394	Qm-1	0.0007	-0.00311
376	395	Qm-1	0.00071	-0.00311
376	421	Qm-1	0.00071	-0.00309
376	420	Qm-1	0.0007	-0.00309
376	394	Qm-2	-0.00024	0.00021
376	395	Qm-2	-0.00025	0.00021
376	421	Qm-2	-0.00025	0.0002
376	420	Qm-2	-0.00024	0.0002
377	395	DEAD	0.	0.
377	396	DEAD	0.	0.
377	422	DEAD	0.	0.
377	421	DEAD	0.	0.
377	395	G1	4.241E-11	4.830E-11
377	396	G1	7.099E-12	4.830E-11

Table 27: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13	V23
			KN/mm	KN/mm
377	422	G1	7.099E-12	6.091E-11
377	421	G1	4.241E-11	6.091E-11
377	395	G2	-0.00047	0.0004
377	396	G2	-0.00055	0.0004
377	422	G2	-0.00055	0.00031
377	421	G2	-0.00047	0.00031
377	395	Qm	0.00067	-0.00081
377	396	Qm	0.00069	-0.00081
377	422	Qm	0.00069	-0.00077
377	421	Qm	0.00067	-0.00077
377	395	Qs	-4.306E-13	4.332E-12
377	396	Qs	3.462E-13	4.332E-12
377	422	Qs	-1.154E-13	6.224E-12
377	421	Qs	1.292E-12	6.224E-12
377	395	T+	0.	0.
377	396	T+	0.	0.
377	422	T+	0.	0.
377	421	T+	0.	0.
377	395	T-	0.	0.
377	396	T-	0.	0.
377	422	T-	0.	0.
377	421	T-	0.	0.
377	395	W	0.00746	-0.01019
377	396	W	0.00349	-0.01019
377	422	W	0.00349	0.00347
377	421	W	0.00746	0.00347
377	395	Qm-1	0.00069	-0.00139
377	396	Qm-1	0.00071	-0.00139
377	422	Qm-1	0.00071	-0.00136
377	421	Qm-1	0.00069	-0.00136
377	395	Qm-2	-0.00024	0.00024
377	396	Qm-2	-0.00026	0.00024
377	422	Qm-2	-0.00026	0.00021
377	421	Qm-2	-0.00024	0.00021
378	397	DEAD	0.	0.
378	398	DEAD	0.	0.
378	424	DEAD	0.	0.
378	423	DEAD	0.	0.
378	397	G1	1.061E-11	-8.685E-11
378	398	G1	5.047E-11	-1.115E-10
378	424	G1	9.131E-11	-2.381E-11
378	423	G1	2.525E-11	-5.598E-11
378	397	G2	-0.00022	-0.00018
378	398	G2	-0.00022	-0.00018
378	424	G2	-0.00022	-0.00018
378	423	G2	-0.00022	-0.00018
378	397	Qm	0.00129	0.00062
378	398	Qm	0.00128	0.00062
378	424	Qm	0.00128	0.00059
378	423	Qm	0.00129	0.00059
378	397	Qs	-4.684E-12	-5.101E-12
378	398	Qs	-8.208E-14	-7.347E-12
378	424	Qs	2.409E-12	-1.633E-12
378	423	Qs	-5.549E-13	-7.032E-12

Table 27: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13	V23
			KN/mm	KN/mm
378	397	T+	0.	0.
378	398	T+	0.	0.
378	424	T+	0.	0.
378	423	T+	0.	0.
378	397	T-	0.	0.
378	398	T-	0.	0.
378	424	T-	0.	0.
378	423	T-	0.	0.
378	397	W	0.00257	3.939E-05
378	398	W	0.00255	3.939E-05
378	424	W	0.00255	-2.049E-05
378	423	W	0.00257	-2.049E-05
378	397	Qm-1	0.00162	0.00088
378	398	Qm-1	0.00159	0.00088
378	424	Qm-1	0.00159	0.00081
378	423	Qm-1	0.00162	0.00081
378	397	Qm-2	0.00019	0.00018
378	398	Qm-2	0.00023	0.00018
378	424	Qm-2	0.00023	0.00019
378	423	Qm-2	0.00019	0.00019
379	398	DEAD	0.	0.
379	399	DEAD	0.	0.
379	425	DEAD	0.	0.
379	424	DEAD	0.	0.
379	398	G1	1.132E-10	-1.346E-11
379	399	G1	3.654E-12	7.214E-12
379	425	G1	8.044E-11	-4.624E-11
379	424	G1	4.148E-11	-4.070E-11
379	398	G2	-0.00022	-0.00022
379	399	G2	-0.00022	-0.00022
379	425	G2	-0.00022	-0.00022
379	424	G2	-0.00022	-0.00022
379	398	Qm	0.0013	0.00182
379	399	Qm	0.0013	0.00182
379	425	Qm	0.0013	0.00175
379	424	Qm	0.0013	0.00175
379	398	Qs	3.023E-12	-3.123E-12
379	399	Qs	-1.871E-12	-1.369E-12
379	425	Qs	3.438E-13	-6.433E-12
379	424	Qs	-7.679E-13	-4.364E-12
379	398	T+	0.	0.
379	399	T+	0.	0.
379	425	T+	0.	0.
379	424	T+	0.	0.
379	398	T-	0.	0.
379	399	T-	0.	0.
379	425	T-	0.	0.
379	424	T-	0.	0.
379	398	W	0.00257	0.00025
379	399	W	0.00256	0.00025
379	425	W	0.00256	0.00021
379	424	W	0.00257	0.00021
379	398	Qm-1	0.00163	0.00234
379	399	Qm-1	0.00161	0.00234

Table 27: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13	V23
			KN/mm	KN/mm
379	425	Qm-1	0.00161	0.00224
379	424	Qm-1	0.00163	0.00224
379	398	Qm-2	0.00022	0.00037
379	399	Qm-2	0.00031	0.00037
379	425	Qm-2	0.00031	0.00036
379	424	Qm-2	0.00022	0.00036
380	399	DEAD	0.	0.
380	400	DEAD	0.	0.
380	426	DEAD	0.	0.
380	425	DEAD	0.	0.
380	399	G1	4.810E-11	7.114E-11
380	400	G1	7.591E-11	1.258E-10
380	426	G1	5.819E-11	3.079E-11
380	425	G1	7.843E-11	1.984E-11
380	399	G2	-0.00022	-0.00025
380	400	G2	-0.00022	-0.00025
380	426	G2	-0.00022	-0.00025
380	425	G2	-0.00022	-0.00025
380	399	Qm	0.00134	0.0031
380	400	Qm	0.00133	0.0031
380	426	Qm	0.00133	0.00299
380	425	Qm	0.00134	0.00299
380	399	Qs	-7.694E-13	-2.975E-12
380	400	Qs	1.610E-12	6.856E-13
380	426	Qs	2.225E-12	-8.492E-12
380	425	Qs	6.647E-13	-7.511E-12
380	399	T+	0.	0.
380	400	T+	0.	0.
380	426	T+	0.	0.
380	425	T+	0.	0.
380	399	T-	0.	0.
380	400	T-	0.	0.
380	426	T-	0.	0.
380	425	T-	0.	0.
380	399	W	0.00258	0.00044
380	400	W	0.00258	0.00044
380	426	W	0.00258	0.00041
380	425	W	0.00258	0.00041
380	399	Qm-1	0.00165	0.00387
380	400	Qm-1	0.00163	0.00387
380	426	Qm-1	0.00163	0.00376
380	425	Qm-1	0.00165	0.00376
380	399	Qm-2	0.00034	0.00063
380	400	Qm-2	0.0005	0.00063
380	426	Qm-2	0.0005	0.00044
380	425	Qm-2	0.00034	0.00044
381	400	DEAD	0.	0.
381	401	DEAD	0.	0.
381	427	DEAD	0.	0.
381	426	DEAD	0.	0.
381	400	G1	3.713E-11	9.931E-11
381	401	G1	2.679E-11	9.587E-11
381	427	G1	3.713E-11	1.220E-10
381	426	G1	3.436E-11	1.211E-10

Table 27: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13	V23
			KN/mm	KN/mm
381	400	G2	-0.00022	-0.00027
381	401	G2	-0.00022	-0.00027
381	427	G2	-0.00022	-0.00027
381	426	G2	-0.00022	-0.00027
381	400	Qm	0.00138	0.00446
381	401	Qm	0.00136	0.00446
381	427	Qm	0.00136	0.00433
381	426	Qm	0.00138	0.00433
381	400	Qs	1.032E-13	-2.014E-12
381	401	Qs	-3.851E-13	-2.230E-12
381	427	Qs	2.608E-13	-2.172E-12
381	426	Qs	-6.989E-14	-2.230E-12
381	400	T+	0.	0.
381	401	T+	0.	0.
381	427	T+	0.	0.
381	426	T+	0.	0.
381	400	T-	0.	0.
381	401	T-	0.	0.
381	427	T-	0.	0.
381	426	T-	0.	0.
381	400	W	0.00259	0.00061
381	401	W	0.0026	0.00061
381	427	W	0.0026	0.00057
381	426	W	0.00259	0.00057
381	400	Qm-1	0.00168	0.00548
381	401	Qm-1	0.00167	0.00548
381	427	Qm-1	0.00167	0.00537
381	426	Qm-1	0.00168	0.00537
381	400	Qm-2	0.0006	0.00053
381	401	Qm-2	0.00044	0.00053
381	427	Qm-2	0.00044	0.00029
381	426	Qm-2	0.0006	0.00029
382	401	DEAD	0.	0.
382	402	DEAD	0.	0.
382	428	DEAD	0.	0.
382	427	DEAD	0.	0.
382	401	G1	-7.980E-12	-9.587E-11
382	402	G1	2.978E-11	-9.931E-11
382	428	G1	6.768E-11	-1.211E-10
382	427	G1	-1.813E-11	-1.220E-10
382	401	G2	-0.00022	-0.00028
382	402	G2	-0.00022	-0.00028
382	428	G2	-0.00022	-0.00028
382	427	G2	-0.00022	-0.00028
382	401	Qm	0.00141	0.004
382	402	Qm	0.0014	0.004
382	428	Qm	0.0014	0.0039
382	427	Qm	0.00141	0.0039
382	401	Qs	-9.912E-13	-3.052E-12
382	402	Qs	2.543E-13	-3.483E-12
382	428	Qs	9.002E-13	-3.682E-12
382	427	Qs	-1.164E-12	-3.798E-12
382	401	T+	0.	0.
382	402	T+	0.	0.

Table 27: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13	V23
			KN/mm	KN/mm
382	428	T+	0.	0.
382	427	T+	0.	0.
382	401	T-	0.	0.
382	402	T-	0.	0.
382	428	T-	0.	0.
382	427	T-	0.	0.
382	401	W	0.00262	0.00075
382	402	W	0.00262	0.00075
382	428	W	0.00262	0.0007
382	427	W	0.00262	0.0007
382	401	Qm-1	0.00171	-0.00184
382	402	Qm-1	0.00169	-0.00184
382	428	Qm-1	0.00169	-0.00192
382	427	Qm-1	0.00171	-0.00192
382	401	Qm-2	0.00044	-4.184E-05
382	402	Qm-2	0.00064	-4.184E-05
382	428	Qm-2	0.00064	0.00019
382	427	Qm-2	0.00044	0.00019
383	402	DEAD	0.	0.
383	403	DEAD	0.	0.
383	429	DEAD	0.	0.
383	428	DEAD	0.	0.
383	402	G1	2.068E-11	-8.167E-11
383	403	G1	3.305E-11	-8.511E-11
383	429	G1	4.338E-11	-3.627E-11
383	428	G1	1.792E-11	-3.720E-11
383	402	G2	-0.00022	-0.00029
383	403	G2	-0.00022	-0.00029
383	429	G2	-0.00022	-0.00029
383	428	G2	-0.00022	-0.00029
383	402	Qm	0.00143	0.00172
383	403	Qm	0.00142	0.00172
383	429	Qm	0.00142	0.00167
383	428	Qm	0.00143	0.00167
383	402	Qs	-1.058E-12	-4.713E-12
383	403	Qs	5.029E-13	-4.929E-12
383	429	Qs	1.149E-12	-3.295E-12
383	428	Qs	-1.231E-12	-3.353E-12
383	402	T+	0.	0.
383	403	T+	0.	0.
383	429	T+	0.	0.
383	428	T+	0.	0.
383	402	T-	0.	0.
383	403	T-	0.	0.
383	429	T-	0.	0.
383	428	T-	0.	0.
383	402	W	0.00265	0.00087
383	403	W	0.00265	0.00087
383	429	W	0.00265	0.0008
383	428	W	0.00265	0.0008
383	402	Qm-1	0.00172	-9.254E-05
383	403	Qm-1	0.00171	-9.254E-05
383	429	Qm-1	0.00171	-0.00015
383	428	Qm-1	0.00172	-0.00015

Table 27: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13	V23
			KN/mm	KN/mm
383	402	Qm-2	0.00055	-0.00016
383	403	Qm-2	0.00046	-0.00016
383	429	Qm-2	0.00046	2.386E-05
383	428	Qm-2	0.00055	2.386E-05
384	403	DEAD	0.	0.
384	404	DEAD	0.	0.
384	430	DEAD	0.	0.
384	429	DEAD	0.	0.
384	403	G1	2.704E-11	6.409E-12
384	404	G1	9.322E-12	2.964E-12
384	430	G1	4.722E-11	1.398E-11
384	429	G1	1.689E-11	1.305E-11
384	403	G2	-0.00022	-0.00029
384	404	G2	-0.00022	-0.00029
384	430	G2	-0.00022	-0.00029
384	429	G2	-0.00022	-0.00029
384	403	Qm	0.00143	-0.00052
384	404	Qm	0.00143	-0.00052
384	430	Qm	0.00143	-0.00051
384	429	Qm	0.00143	-0.00051
384	403	Qs	-9.912E-13	-1.073E-12
384	404	Qs	2.543E-13	-1.289E-12
384	430	Qs	9.002E-13	3.453E-13
384	429	Qs	-1.164E-12	2.876E-13
384	403	T+	0.	0.
384	404	T+	0.	0.
384	430	T+	0.	0.
384	429	T+	0.	0.
384	403	T-	0.	0.
384	404	T-	0.	0.
384	430	T-	0.	0.
384	429	T-	0.	0.
384	403	W	0.00268	0.00099
384	404	W	0.00268	0.00099
384	430	W	0.00268	0.00091
384	429	W	0.00268	0.00091
384	403	Qm-1	0.00173	0.0017
384	404	Qm-1	0.0017	0.0017
384	430	Qm-1	0.0017	0.00166
384	429	Qm-1	0.00173	0.00166
384	403	Qm-2	0.00046	0.00015
384	404	Qm-2	0.0005	0.00015
384	430	Qm-2	0.0005	-1.333E-05
384	429	Qm-2	0.00046	-1.333E-05
385	404	DEAD	0.	0.
385	405	DEAD	0.	0.
385	431	DEAD	0.	0.
385	430	DEAD	0.	0.
385	404	G1	1.049E-11	6.706E-11
385	405	G1	7.109E-11	1.020E-10
385	431	G1	3.319E-11	1.157E-11
385	430	G1	2.065E-11	4.652E-11
385	404	G2	-0.00022	-0.00029
385	405	G2	-0.00022	-0.00029

Table 27: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13	V23
			KN/mm	KN/mm
385	431	G2	-0.00022	-0.00028
385	430	G2	-0.00022	-0.00028
385	404	Qm	0.00141	-0.00275
385	405	Qm	0.00142	-0.00275
385	431	Qm	0.00142	-0.00268
385	430	Qm	0.00141	-0.00268
385	404	Qs	-3.738E-13	-2.264E-12
385	405	Qs	1.395E-12	3.819E-13
385	431	Qs	-2.265E-12	-4.470E-12
385	430	Qs	6.070E-13	-5.639E-13
385	404	T+	0.	0.
385	405	T+	0.	0.
385	431	T+	0.	0.
385	430	T+	0.	0.
385	404	T-	0.	0.
385	405	T-	0.	0.
385	431	T-	0.	0.
385	430	T-	0.	0.
385	404	W	0.00271	0.0011
385	405	W	0.00272	0.0011
385	431	W	0.00272	0.00103
385	430	W	0.00271	0.00103
385	404	Qm-1	0.00171	0.00351
385	405	Qm-1	0.00167	0.00351
385	431	Qm-1	0.00167	0.0035
385	430	Qm-1	0.00171	0.0035
385	404	Qm-2	0.00059	1.642E-05
385	405	Qm-2	0.00034	1.642E-05
385	431	Qm-2	0.00034	-0.00019
385	430	Qm-2	0.00059	-0.00019
386	405	DEAD	0.	0.
386	406	DEAD	0.	0.
386	432	DEAD	0.	0.
386	431	DEAD	0.	0.
386	405	G1	5.450E-11	-1.442E-10
386	406	G1	7.222E-11	-1.717E-10
386	432	G1	3.432E-11	-1.164E-10
386	431	G1	6.465E-11	-1.238E-10
386	405	G2	-0.00022	-0.00027
386	406	G2	-0.00022	-0.00027
386	432	G2	-0.00022	-0.00027
386	431	G2	-0.00022	-0.00027
386	405	Qm	0.00139	-0.0031
386	406	Qm	0.00139	-0.0031
386	432	Qm	0.00139	-0.00301
386	431	Qm	0.00139	-0.00301
386	405	Qs	1.819E-12	-2.071E-12
386	406	Qs	-8.223E-13	-3.363E-12
386	432	Qs	-5.451E-13	-2.199E-14
386	431	Qs	-1.453E-12	-3.682E-13
386	405	T+	0.	0.
386	406	T+	0.	0.
386	432	T+	0.	0.
386	431	T+	0.	0.

Table 27: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13	V23
			KN/mm	KN/mm
386	405	T-	0.	0.
386	406	T-	0.	0.
386	432	T-	0.	0.
386	431	T-	0.	0.
386	405	W	0.00274	0.0012
386	406	W	0.00276	0.0012
386	432	W	0.00276	0.00116
386	431	W	0.00274	0.00116
386	405	Qm-1	0.00167	-0.00368
386	406	Qm-1	0.00162	-0.00368
386	432	Qm-1	0.00162	-0.00365
386	431	Qm-1	0.00167	-0.00365
386	405	Qm-2	0.00034	-0.0006
386	406	Qm-2	0.00045	-0.0006
386	432	Qm-2	0.00045	-0.00033
386	431	Qm-2	0.00034	-0.00033
387	406	DEAD	0.	0.
387	407	DEAD	0.	0.
387	433	DEAD	0.	0.
387	432	DEAD	0.	0.
387	406	G1	1.958E-11	-9.445E-11
387	407	G1	9.229E-11	-9.789E-11
387	433	G1	7.506E-11	-9.193E-11
387	432	G1	2.420E-11	-9.285E-11
387	406	G2	-0.00022	-0.00026
387	407	G2	-0.00022	-0.00026
387	433	G2	-0.00022	-0.00025
387	432	G2	-0.00022	-0.00025
387	406	Qm	0.00136	-0.00158
387	407	Qm	0.00134	-0.00158
387	433	Qm	0.00134	-0.0015
387	432	Qm	0.00136	-0.0015
387	406	Qs	-1.527E-12	-1.623E-12
387	407	Qs	2.252E-12	-1.839E-12
387	433	Qs	4.621E-12	-3.200E-12
387	432	Qs	-2.161E-12	-3.257E-12
387	406	T+	0.	0.
387	407	T+	0.	0.
387	433	T+	0.	0.
387	432	T+	0.	0.
387	406	T-	0.	0.
387	407	T-	0.	0.
387	433	T-	0.	0.
387	432	T-	0.	0.
387	406	W	0.00277	0.00129
387	407	W	0.0028	0.00129
387	433	W	0.0028	0.00129
387	432	W	0.00277	0.00129
387	406	Qm-1	0.00161	-0.00188
387	407	Qm-1	0.00156	-0.00188
387	433	Qm-1	0.00156	-0.00182
387	432	Qm-1	0.00161	-0.00182
387	406	Qm-2	0.00034	-0.00077
387	407	Qm-2	0.00014	-0.00077

Table 27: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13	V23
			KN/mm	KN/mm
387	433	Qm-2	0.00014	-0.00054
387	432	Qm-2	0.00034	-0.00054
388	407	DEAD	0.	0.
388	408	DEAD	0.	0.
388	434	DEAD	0.	0.
388	433	DEAD	0.	0.
388	407	G1	7.691E-11	-3.678E-11
388	408	G1	4.370E-11	-4.022E-11
388	434	G1	2.647E-11	-3.992E-12
388	433	G1	8.153E-11	-4.915E-12
388	407	G2	-0.00022	-0.00023
388	408	G2	-0.00022	-0.00023
388	434	G2	-0.00022	-0.00023
388	433	G2	-0.00022	-0.00023
388	407	Qm	0.00132	-9.160E-05
388	408	Qm	0.00129	-9.160E-05
388	434	Qm	0.00129	-4.709E-05
388	433	Qm	0.00132	-4.709E-05
388	407	Qs	8.312E-13	-5.306E-13
388	408	Qs	3.429E-13	-9.612E-13
388	434	Qs	9.888E-13	2.576E-13
388	433	Qs	6.581E-13	1.422E-13
388	407	T+	0.	0.
388	408	T+	0.	0.
388	434	T+	0.	0.
388	433	T+	0.	0.
388	407	T-	0.	0.
388	408	T-	0.	0.
388	434	T-	0.	0.
388	433	T-	0.	0.
388	407	W	0.00279	0.00137
388	408	W	0.00283	0.00137
388	434	W	0.00283	0.00138
388	433	W	0.00279	0.00138
388	407	Qm-1	0.00154	-0.00011
388	408	Qm-1	0.00149	-0.00011
388	434	Qm-1	0.00149	-2.961E-05
388	433	Qm-1	0.00154	-2.961E-05
388	407	Qm-2	0.0001	-0.00061
388	408	Qm-2	-2.883E-05	-0.00061
388	434	Qm-2	-2.883E-05	-0.00056
388	433	Qm-2	0.0001	-0.00056
389	408	DEAD	0.	0.
389	409	DEAD	0.	0.
389	435	DEAD	0.	0.
389	434	DEAD	0.	0.
389	408	G1	5.470E-13	-1.604E-11
389	409	G1	-2.041E-12	-1.949E-11
389	435	G1	3.585E-11	4.953E-11
389	434	G1	-9.607E-12	4.861E-11
389	408	G2	-0.00022	-0.0002
389	409	G2	-0.00023	-0.0002
389	435	G2	-0.00023	-0.0002
389	434	G2	-0.00022	-0.0002

Table 27: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13	V23
			KN/mm	KN/mm
389	408	Qm	0.00128	0.00137
389	409	Qm	0.00123	0.00137
389	435	Qm	0.00123	0.00137
389	434	Qm	0.00128	0.00137
389	408	Qs	-1.453E-12	-1.003E-12
389	409	Qs	-1.468E-12	-1.218E-12
389	435	Qs	-8.223E-13	3.096E-12
389	434	Qs	-1.626E-12	3.038E-12
389	408	T+	0.	0.
389	409	T+	0.	0.
389	435	T+	0.	0.
389	434	T+	0.	0.
389	408	T-	0.	0.
389	409	T-	0.	0.
389	435	T-	0.	0.
389	434	T-	0.	0.
389	408	W	0.00282	0.00141
389	409	W	0.00284	0.00141
389	435	W	0.00284	0.00143
389	434	W	0.00282	0.00143
389	408	Qm-1	0.00146	0.00161
389	409	Qm-1	0.0014	0.00161
389	435	Qm-1	0.0014	0.0017
389	434	Qm-1	0.00146	0.0017
389	408	Qm-2	-3.309E-05	-0.00053
389	409	Qm-2	-0.00011	-0.00053
389	435	Qm-2	-0.00011	-0.00051
389	434	Qm-2	-3.309E-05	-0.00051
390	409	DEAD	0.	0.
390	410	DEAD	0.	0.
390	436	DEAD	0.	0.
390	435	DEAD	0.	0.
390	409	G1	6.314E-11	-2.035E-10
390	410	G1	1.041E-11	-2.286E-10
390	436	G1	6.062E-11	-2.086E-10
390	435	G1	-5.264E-11	-2.664E-10
390	409	G2	-0.00023	-0.00016
390	410	G2	-0.00023	-0.00016
390	436	G2	-0.00023	-0.00016
390	435	G2	-0.00023	-0.00016
390	409	Qm	0.00124	0.00181
390	410	Qm	0.00119	0.00181
390	436	Qm	0.00119	0.00179
390	435	Qm	0.00124	0.00179
390	409	Qs	1.174E-12	-1.034E-12
390	410	Qs	-1.860E-12	-1.096E-12
390	436	Qs	1.647E-12	-8.767E-13
390	435	Qs	-2.963E-12	-4.091E-12
390	409	T+	0.	0.
390	410	T+	0.	0.
390	436	T+	0.	0.
390	435	T+	0.	0.
390	409	T-	0.	0.
390	410	T-	0.	0.

Table 27: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13	V23
			KN/mm	KN/mm
390	436	T-	0.	0.
390	435	T-	0.	0.
390	409	W	0.00284	0.00144
390	410	W	0.00284	0.00144
390	436	W	0.00284	0.00144
390	435	W	0.00284	0.00144
390	409	Qm-1	0.00137	-0.00871
390	410	Qm-1	0.00132	-0.00871
390	436	Qm-1	0.00132	-0.00862
390	435	Qm-1	0.00137	-0.00862
390	409	Qm-2	-0.00011	-0.00046
390	410	Qm-2	-0.00017	-0.00046
390	436	Qm-2	-0.00017	-0.00047
390	435	Qm-2	-0.00011	-0.00047
391	410	DEAD	0.	0.
391	411	DEAD	0.	0.
391	437	DEAD	0.	0.
391	436	DEAD	0.	0.
391	410	G1	4.305E-11	-1.701E-10
391	411	G1	-3.026E-11	-1.666E-10
391	437	G1	-7.800E-11	-1.474E-10
391	436	G1	3.026E-11	-1.464E-10
391	410	G2	-0.00023	-0.00012
391	411	G2	-0.00023	-0.00012
391	437	G2	-0.00023	-0.00012
391	436	G2	-0.00023	-0.00012
391	410	Qm	0.00121	0.00126
391	411	Qm	0.00116	0.00126
391	437	Qm	0.00116	0.00123
391	436	Qm	0.00121	0.00123
391	410	Qs	1.241E-12	1.401E-12
391	411	Qs	-3.372E-12	1.831E-12
391	437	Qs	-5.064E-12	-4.907E-13
391	436	Qs	9.579E-14	-3.753E-13
391	410	T+	0.	0.
391	411	T+	0.	0.
391	437	T+	0.	0.
391	436	T+	0.	0.
391	410	T-	0.	0.
391	411	T-	0.	0.
391	437	T-	0.	0.
391	436	T-	0.	0.
391	410	W	0.00284	0.00144
391	411	W	0.00282	0.00144
391	437	W	0.00282	0.00142
391	436	W	0.00284	0.00142
391	410	Qm-1	0.00129	-0.00708
391	411	Qm-1	0.00125	-0.00708
391	437	Qm-1	0.00125	-0.00699
391	436	Qm-1	0.00129	-0.00699
391	410	Qm-2	-0.00015	-0.00039
391	411	Qm-2	-0.0002	-0.00039
391	437	Qm-2	-0.0002	-0.00043
391	436	Qm-2	-0.00015	-0.00043

Table 27: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13	V23
			KN/mm	KN/mm
392	411	DEAD	0.	0.
392	412	DEAD	0.	0.
392	438	DEAD	0.	0.
392	437	DEAD	0.	0.
392	411	G1	-4.663E-11	-9.650E-11
392	412	G1	8.670E-12	-6.599E-11
392	438	G1	-1.889E-11	-1.394E-10
392	437	G1	-3.925E-11	-1.568E-10
392	411	G2	-0.00023	-6.434E-05
392	412	G2	-0.00024	-6.434E-05
392	438	G2	-0.00024	-6.432E-05
392	437	G2	-0.00023	-6.432E-05
392	411	Qm	0.00118	0.00073
392	412	Qm	0.00113	0.00073
392	438	Qm	0.00113	0.00069
392	437	Qm	0.00118	0.00069
392	411	Qs	-4.401E-12	3.429E-13
392	412	Qs	-2.060E-12	6.574E-14
392	438	Qs	-4.244E-12	6.581E-13
392	437	Qs	-2.217E-12	-2.614E-12
392	411	T+	0.	0.
392	412	T+	0.	0.
392	438	T+	0.	0.
392	437	T+	0.	0.
392	411	T-	0.	0.
392	412	T-	0.	0.
392	438	T-	0.	0.
392	437	T-	0.	0.
392	411	W	0.00283	0.00143
392	412	W	0.00278	0.00143
392	438	W	0.00278	0.00141
392	437	W	0.00283	0.00141
392	411	Qm-1	0.00122	-0.00549
392	412	Qm-1	0.00118	-0.00549
392	438	Qm-1	0.00118	-0.00541
392	437	Qm-1	0.00122	-0.00541
392	411	Qm-2	-0.00018	-0.00032
392	412	Qm-2	-0.00021	-0.00032
392	438	Qm-2	-0.00021	-0.00037
392	437	Qm-2	-0.00018	-0.00037
393	412	DEAD	0.	0.
393	413	DEAD	0.	0.
393	439	DEAD	0.	0.
393	438	DEAD	0.	0.
393	412	G1	-4.087E-11	-5.878E-11
393	413	G1	4.229E-11	-6.567E-11
393	439	G1	8.018E-11	-5.625E-11
393	438	G1	-5.102E-11	-5.810E-11
393	412	G2	-0.00024	-6.232E-06
393	413	G2	-0.00024	-6.232E-06
393	439	G2	-0.00024	-7.457E-06
393	438	G2	-0.00024	-7.457E-06
393	412	Qm	0.00115	0.00021
393	413	Qm	0.00111	0.00021

Table 27: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13	V23
			KN/mm	KN/mm
393	439	Qm	0.00111	0.00018
393	438	Qm	0.00115	0.00018
393	412	Qs	-2.914E-12	1.163E-13
393	413	Qs	5.386E-13	-9.905E-14
393	439	Qs	1.185E-12	2.796E-12
393	438	Qs	-3.087E-12	2.738E-12
393	412	T+	0.	0.
393	413	T+	0.	0.
393	439	T+	0.	0.
393	438	T+	0.	0.
393	412	T-	0.	0.
393	413	T-	0.	0.
393	439	T-	0.	0.
393	438	T-	0.	0.
393	412	W	0.00279	0.00141
393	413	W	0.00272	0.00141
393	439	W	0.00272	0.0014
393	438	W	0.00279	0.0014
393	412	Qm-1	0.00116	-0.00393
393	413	Qm-1	0.00113	-0.00393
393	439	Qm-1	0.00113	-0.00387
393	438	Qm-1	0.00116	-0.00387
393	412	Qm-2	-0.00019	-0.00025
393	413	Qm-2	-0.00022	-0.00025
393	439	Qm-2	-0.00022	-0.00028
393	438	Qm-2	-0.00019	-0.00028
394	413	DEAD	0.	0.
394	414	DEAD	0.	0.
394	440	DEAD	0.	0.
394	439	DEAD	0.	0.
394	413	G1	4.431E-11	1.949E-11
394	414	G1	2.019E-11	-4.135E-12
394	440	G1	2.413E-11	-4.861E-11
394	439	G1	1.767E-11	-2.935E-11
394	413	G2	-0.00024	5.861E-05
394	414	G2	-0.00025	5.861E-05
394	440	G2	-0.00025	5.550E-05
394	439	G2	-0.00024	5.550E-05
394	413	Qm	0.00113	-0.00029
394	414	Qm	0.0011	-0.00029
394	440	Qm	0.0011	-0.00031
394	439	Qm	0.00113	-0.00031
394	413	Qs	1.292E-12	6.048E-12
394	414	Qs	-1.154E-13	2.387E-12
394	440	Qs	3.462E-13	3.053E-12
394	439	Qs	-4.306E-13	2.072E-12
394	413	T+	0.	0.
394	414	T+	0.	0.
394	440	T+	0.	0.
394	439	T+	0.	0.
394	413	T-	0.	0.
394	414	T-	0.	0.
394	440	T-	0.	0.
394	439	T-	0.	0.

Table 27: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13	V23
			KN/mm	KN/mm
394	413	W	0.00272	0.00138
394	414	W	0.00263	0.00138
394	440	W	0.00263	0.00139
394	439	W	0.00272	0.00139
394	413	Qm-1	0.00111	-0.00239
394	414	Qm-1	0.00109	-0.00239
394	440	Qm-1	0.00109	-0.00235
394	439	Qm-1	0.00111	-0.00235
394	413	Qm-2	-0.00021	-0.00016
394	414	Qm-2	-0.00023	-0.00016
394	440	Qm-2	-0.00023	-0.00018
394	439	Qm-2	-0.00021	-0.00018
395	414	DEAD	0.	0.
395	415	DEAD	0.	0.
395	441	DEAD	0.	0.
395	440	DEAD	0.	0.
395	414	G1	9.659E-12	-1.247E-11
395	415	G1	1.907E-11	-3.953E-11
395	441	G1	1.218E-11	5.187E-12
395	440	G1	1.151E-11	2.352E-11
395	414	G2	-0.00025	0.00013
395	415	G2	-0.00026	0.00013
395	441	G2	-0.00026	0.00013
395	440	G2	-0.00025	0.00013
395	414	Qm	0.00111	-0.00077
395	415	Qm	0.00109	-0.00077
395	441	Qm	0.00109	-0.00077
395	440	Qm	0.00111	-0.00077
395	414	Qs	2.064E-13	-5.930E-13
395	415	Qs	-7.703E-13	-2.242E-13
395	441	Qs	5.216E-13	3.505E-12
395	440	Qs	-1.398E-13	4.062E-13
395	414	T+	0.	0.
395	415	T+	0.	0.
395	441	T+	0.	0.
395	440	T+	0.	0.
395	414	T-	0.	0.
395	415	T-	0.	0.
395	441	T-	0.	0.
395	440	T-	0.	0.
395	414	W	0.00263	0.00132
395	415	W	0.00248	0.00132
395	441	W	0.00248	0.00137
395	440	W	0.00263	0.00137
395	414	Qm-1	0.00108	-0.00085
395	415	Qm-1	0.00106	-0.00085
395	441	Qm-1	0.00106	-0.00084
395	440	Qm-1	0.00108	-0.00084
395	414	Qm-2	-0.00022	-7.596E-05
395	415	Qm-2	-0.00024	-7.596E-05
395	441	Qm-2	-0.00024	-8.309E-05
395	440	Qm-2	-0.00022	-8.309E-05
396	415	DEAD	0.	0.
396	416	DEAD	0.	0.

Table 27: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13	V23
			KN/mm	KN/mm
396	442	DEAD	0.	0.
396	441	DEAD	0.	0.
396	415	G1	2.523E-11	1.921E-11
396	416	G1	5.101E-11	3.448E-11
396	442	G1	1.262E-11	4.083E-12
396	441	G1	6.110E-11	8.492E-11
396	415	G2	-0.00026	0.00021
396	416	G2	-0.00028	0.00021
396	442	G2	-0.00028	0.0002
396	441	G2	-0.00026	0.0002
396	415	Qm	0.00108	-0.00123
396	416	Qm	0.00107	-0.00123
396	442	Qm	0.00107	-0.00121
396	441	Qm	0.00108	-0.00121
396	415	Qs	1.034E-12	-2.299E-13
396	416	Qs	3.030E-12	-1.245E-12
396	442	Qs	8.767E-13	1.504E-12
396	441	Qs	1.611E-12	4.430E-12
396	415	T+	0.	0.
396	416	T+	0.	0.
396	442	T+	0.	0.
396	441	T+	0.	0.
396	415	T-	0.	0.
396	416	T-	0.	0.
396	442	T-	0.	0.
396	441	T-	0.	0.
396	415	W	0.00247	0.00126
396	416	W	0.00222	0.00126
396	442	W	0.00222	0.00133
396	441	W	0.00247	0.00133
396	415	Qm-1	0.00106	0.00069
396	416	Qm-1	0.00104	0.00069
396	442	Qm-1	0.00104	0.00068
396	441	Qm-1	0.00106	0.00068
396	415	Qm-2	-0.00024	6.922E-06
396	416	Qm-2	-0.00026	6.922E-06
396	442	Qm-2	-0.00026	1.489E-05
396	441	Qm-2	-0.00024	1.489E-05
397	416	DEAD	0.	0.
397	417	DEAD	0.	0.
397	443	DEAD	0.	0.
397	442	DEAD	0.	0.
397	416	G1	1.031E-11	5.213E-11
397	417	G1	3.141E-11	2.457E-11
397	443	G1	6.832E-11	6.726E-11
397	442	G1	5.159E-11	5.988E-11
397	416	G2	-0.00028	0.0003
397	417	G2	-0.00031	0.0003
397	443	G2	-0.00031	0.00029
397	442	G2	-0.00028	0.00029
397	416	Qm	0.00106	-0.00167
397	417	Qm	0.00106	-0.00167
397	443	Qm	0.00106	-0.00164
397	442	Qm	0.00106	-0.00164

Table 27: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13	V23
			KN/mm	KN/mm
397	416	Qs	-9.782E-13	2.372E-12
397	417	Qs	4.574E-12	-1.289E-12
397	443	Qs	3.435E-12	1.268E-12
397	442	Qs	2.525E-12	2.876E-13
397	416	T+	0.	0.
397	417	T+	0.	0.
397	443	T+	0.	0.
397	442	T+	0.	0.
397	416	T-	0.	0.
397	417	T-	0.	0.
397	443	T-	0.	0.
397	442	T-	0.	0.
397	416	W	0.0022	0.00121
397	417	W	0.00174	0.00121
397	443	W	0.00174	0.00134
397	442	W	0.0022	0.00134
397	416	Qm-1	0.00105	0.00226
397	417	Qm-1	0.00103	0.00226
397	443	Qm-1	0.00103	0.00223
397	442	Qm-1	0.00105	0.00223
397	416	Qm-2	-0.00026	7.896E-05
397	417	Qm-2	-0.00028	7.896E-05
397	443	Qm-2	-0.00028	0.0001
397	442	Qm-2	-0.00026	0.0001
398	417	DEAD	0.	0.
398	418	DEAD	0.	0.
398	444	DEAD	0.	0.
398	443	DEAD	0.	0.
398	417	G1	5.926E-11	1.651E-10
398	418	G1	-6.618E-13	1.651E-10
398	444	G1	4.412E-11	1.625E-10
398	443	G1	4.726E-11	1.625E-10
398	417	G2	-0.00031	0.0004
398	418	G2	-0.00037	0.0004
398	444	G2	-0.00037	0.00038
398	443	G2	-0.00031	0.00038
398	417	Qm	0.00104	-0.00211
398	418	Qm	0.00105	-0.00211
398	444	Qm	0.00105	-0.00206
398	443	Qm	0.00104	-0.00206
398	417	Qs	3.188E-12	2.594E-12
398	418	Qs	-1.561E-12	5.024E-12
398	444	Qs	1.454E-12	2.594E-12
398	443	Qs	2.380E-12	6.443E-12
398	417	T+	0.	0.
398	418	T+	0.	0.
398	444	T+	0.	0.
398	443	T+	0.	0.
398	417	T-	0.	0.
398	418	T-	0.	0.
398	444	T-	0.	0.
398	443	T-	0.	0.
398	417	W	0.00173	0.00137
398	418	W	0.00075	0.00137

Table 27: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13	V23
			KN/mm	KN/mm
398	444	W	0.00075	0.00151
398	443	W	0.00173	0.00151
398	417	Qm-1	0.00105	0.00387
398	418	Qm-1	0.00103	0.00387
398	444	Qm-1	0.00103	0.00383
398	443	Qm-1	0.00105	0.00383
398	417	Qm-2	-0.00029	0.00013
398	418	Qm-2	-0.0003	0.00013
398	444	Qm-2	-0.0003	0.00016
398	443	Qm-2	-0.00029	0.00016
399	418	DEAD	0.	0.
399	419	DEAD	0.	0.
399	445	DEAD	0.	0.
399	444	DEAD	0.	0.
399	418	G1	4.525E-12	1.482E-10
399	419	G1	1.806E-11	1.714E-10
399	445	G1	3.479E-11	2.012E-10
399	444	G1	2.562E-11	1.562E-10
399	418	G2	-0.00036	0.00052
399	419	G2	-0.00049	0.00052
399	445	G2	-0.00049	0.0005
399	444	G2	-0.00036	0.0005
399	418	Qm	0.00102	-0.00254
399	419	Qm	0.00103	-0.00254
399	445	Qm	0.00103	-0.00248
399	444	Qm	0.00102	-0.00248
399	418	Qs	-4.217E-13	2.234E-12
399	419	Qs	-1.871E-12	5.863E-12
399	445	Qs	-5.793E-13	5.229E-12
399	444	Qs	-7.679E-13	4.602E-12
399	418	T+	0.	0.
399	419	T+	0.	0.
399	445	T+	0.	0.
399	444	T+	0.	0.
399	418	T-	0.	0.
399	419	T-	0.	0.
399	445	T-	0.	0.
399	444	T-	0.	0.
399	418	W	0.00062	0.00138
399	419	W	-0.0027	0.00138
399	445	W	-0.0027	0.00249
399	444	W	0.00062	0.00249
399	418	Qm-1	0.00104	0.00551
399	419	Qm-1	0.00104	0.00551
399	445	Qm-1	0.00104	0.00548
399	444	Qm-1	0.00104	0.00548
399	418	Qm-2	-0.00031	0.00017
399	419	Qm-2	-0.00033	0.00017
399	445	Qm-2	-0.00033	0.0002
399	444	Qm-2	-0.00031	0.0002
400	419	DEAD	0.	0.
400	420	DEAD	0.	0.
400	446	DEAD	0.	0.
400	445	DEAD	0.	0.

Table 27: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13	V23
			KN/mm	KN/mm
400	419	G1	7.604E-12	1.952E-10
400	420	G1	4.151E-11	1.790E-10
400	446	G1	-3.527E-11	1.775E-10
400	445	G1	7.934E-11	2.244E-10
400	419	G2	-0.00049	0.00059
400	420	G2	-0.00073	0.00059
400	446	G2	-0.00073	0.00073
400	445	G2	-0.00049	0.00073
400	419	Qm	0.00101	-0.00296
400	420	Qm	0.00102	-0.00296
400	446	Qm	0.00102	-0.0029
400	445	Qm	0.00101	-0.0029
400	419	Qs	-1.424E-12	2.638E-12
400	420	Qs	2.791E-12	2.085E-12
400	446	Qs	-3.946E-12	2.739E-13
400	445	Qs	3.579E-12	4.922E-12
400	419	T+	0.	0.
400	420	T+	0.	0.
400	446	T+	0.	0.
400	445	T+	0.	0.
400	419	T-	0.	0.
400	420	T-	0.	0.
400	446	T-	0.	0.
400	445	T-	0.	0.
400	419	W	-0.00599	-0.00679
400	420	W	0.00015	-0.00679
400	446	W	0.00015	0.01396
400	445	W	-0.00599	0.01396
400	419	Qm-1	0.00104	0.00719
400	420	Qm-1	0.00105	0.00719
400	446	Qm-1	0.00105	0.00718
400	445	Qm-1	0.00104	0.00718
400	419	Qm-2	-0.00033	0.00019
400	420	Qm-2	-0.00035	0.00019
400	446	Qm-2	-0.00035	0.0002
400	445	Qm-2	-0.00033	0.0002
401	420	DEAD	0.	0.
401	421	DEAD	0.	0.
401	447	DEAD	0.	0.
401	446	DEAD	0.	0.
401	420	G1	3.407E-12	2.677E-11
401	421	G1	2.223E-11	-1.113E-11
401	447	G1	2.863E-11	-4.133E-11
401	446	G1	2.727E-11	-5.148E-11
401	420	G2	-0.0008	0.00047
401	421	G2	-0.00073	0.00047
401	447	G2	-0.00073	0.00067
401	446	G2	-0.0008	0.00067
401	420	Qm	0.00099	-0.00238
401	421	Qm	0.00101	-0.00238
401	447	Qm	0.00101	-0.00231
401	446	Qm	0.00099	-0.00231
401	420	Qs	-9.692E-13	4.131E-12
401	421	Qs	1.722E-13	5.423E-12

Table 27: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13	V23
			KN/mm	KN/mm
401	447	Qs	2.971E-12	2.239E-12
401	446	Qs	-1.719E-12	2.586E-12
401	420	T+	0.	0.
401	421	T+	0.	0.
401	447	T+	0.	0.
401	446	T+	0.	0.
401	420	T-	0.	0.
401	421	T-	0.	0.
401	447	T-	0.	0.
401	446	T-	0.	0.
401	420	W	0.00365	0.00691
401	421	W	0.01861	0.00691
401	447	W	0.01861	-0.07427
401	446	W	0.00365	-0.07427
401	420	Qm-1	0.00104	-0.0031
401	421	Qm-1	0.00106	-0.0031
401	447	Qm-1	0.00106	-0.00308
401	446	Qm-1	0.00104	-0.00308
401	420	Qm-2	-0.00034	0.00021
401	421	Qm-2	-0.00036	0.00021
401	447	Qm-2	-0.00036	0.00018
401	446	Qm-2	-0.00034	0.00018
402	421	DEAD	0.	0.
402	422	DEAD	0.	0.
402	448	DEAD	0.	0.
402	447	DEAD	0.	0.
402	421	G1	4.033E-11	5.412E-11
402	422	G1	-2.009E-11	-8.384E-12
402	448	G1	2.520E-11	6.673E-11
402	447	G1	2.613E-12	2.440E-11
402	421	G2	-0.0007	0.00039
402	422	G2	-0.00111	0.00039
402	448	G2	-0.00111	9.383E-05
402	447	G2	-0.0007	9.383E-05
402	421	Qm	0.00098	-0.00078
402	422	Qm	0.00101	-0.00078
402	448	Qm	0.00101	-0.00072
402	447	Qm	0.00098	-0.00072
402	421	Qs	3.151E-12	6.837E-12
402	422	Qs	-2.347E-12	1.207E-12
402	448	Qs	9.442E-13	4.630E-12
402	447	Qs	-9.288E-13	1.523E-12
402	421	T+	0.	0.
402	422	T+	0.	0.
402	448	T+	0.	0.
402	447	T+	0.	0.
402	421	T-	0.	0.
402	422	T-	0.	0.
402	448	T-	0.	0.
402	447	T-	0.	0.
402	421	W	-0.0113	0.0029
402	422	W	0.007	0.0029
402	448	W	0.007	-0.06004
402	447	W	-0.0113	-0.06004

Table 27: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13	V23
			KN/mm	KN/mm
402	421	Qm-1	0.00104	-0.00137
402	422	Qm-1	0.00107	-0.00137
402	448	Qm-1	0.00107	-0.00132
402	447	Qm-1	0.00104	-0.00132
402	421	Qm-2	-0.00035	0.00022
402	422	Qm-2	-0.00038	0.00022
402	448	Qm-2	-0.00038	0.00017
402	447	Qm-2	-0.00035	0.00017
403	423	DEAD	0.	0.
403	424	DEAD	0.	0.
403	450	DEAD	0.	0.
403	449	DEAD	0.	0.
403	423	G1	6.110E-11	-7.775E-12
403	424	G1	-7.552E-12	-7.280E-12
403	450	G1	5.101E-11	-3.299E-11
403	449	G1	4.541E-11	-7.280E-12
403	423	G2	-0.00029	-0.00018
403	424	G2	-0.00029	-0.00018
403	450	G2	-0.00029	-0.00018
403	449	G2	-0.00029	-0.00018
403	423	Qm	0.00177	0.00059
403	424	Qm	0.00177	0.00059
403	450	Qm	0.00177	0.00055
403	449	Qm	0.00177	0.00055
403	423	Qs	-3.374E-12	-1.060E-12
403	424	Qs	-1.187E-12	-1.675E-12
403	450	Qs	1.827E-12	-3.582E-12
403	449	Qs	-4.182E-12	-2.148E-12
403	423	T+	0.	0.
403	424	T+	0.	0.
403	450	T+	0.	0.
403	449	T+	0.	0.
403	423	T-	0.	0.
403	424	T-	0.	0.
403	450	T-	0.	0.
403	449	T-	0.	0.
403	423	W	0.00242	-5.541E-06
403	424	W	0.00238	-5.541E-06
403	450	W	0.00238	-7.553E-05
403	449	W	0.00242	-7.553E-05
403	423	Qm-1	0.00223	0.00082
403	424	Qm-1	0.00221	0.00082
403	450	Qm-1	0.00221	0.00073
403	449	Qm-1	0.00223	0.00073
403	423	Qm-2	0.00018	0.00018
403	424	Qm-2	0.00019	0.00018
403	450	Qm-2	0.00019	0.00017
403	449	Qm-2	0.00018	0.00017
404	424	DEAD	0.	0.
404	425	DEAD	0.	0.
404	451	DEAD	0.	0.
404	450	DEAD	0.	0.
404	424	G1	6.547E-11	-3.736E-11
404	425	G1	-3.678E-12	-2.457E-11

Table 27: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13	V23
			KN/mm	KN/mm
404	451	G1	5.538E-11	-1.214E-11
404	450	G1	2.406E-11	-5.988E-11
404	424	G2	-0.00029	-0.00022
404	425	G2	-0.00029	-0.00022
404	451	G2	-0.00029	-0.00022
404	450	G2	-0.00029	-0.00022
404	424	Qm	0.0018	0.00176
404	425	Qm	0.00181	0.00176
404	451	Qm	0.00181	0.00165
404	450	Qm	0.0018	0.00165
404	424	Qs	3.556E-12	-5.710E-12
404	425	Qs	-3.860E-12	-5.157E-12
404	451	Qs	-1.645E-12	-1.297E-12
404	450	Qs	-2.349E-13	-5.945E-12
404	424	T+	0.	0.
404	425	T+	0.	0.
404	451	T+	0.	0.
404	450	T+	0.	0.
404	424	T-	0.	0.
404	425	T-	0.	0.
404	451	T-	0.	0.
404	450	T-	0.	0.
404	424	W	0.00241	0.00022
404	425	W	0.00239	0.00022
404	451	W	0.00239	0.00018
404	450	W	0.00241	0.00018
404	424	Qm-1	0.00226	0.00226
404	425	Qm-1	0.00224	0.00226
404	451	Qm-1	0.00224	0.0021
404	450	Qm-1	0.00226	0.0021
404	424	Qm-2	0.0002	0.00033
404	425	Qm-2	0.00022	0.00033
404	451	Qm-2	0.00022	0.00029
404	450	Qm-2	0.0002	0.00029
405	425	DEAD	0.	0.
405	426	DEAD	0.	0.
405	452	DEAD	0.	0.
405	451	DEAD	0.	0.
405	425	G1	2.910E-11	5.032E-11
405	426	G1	5.677E-11	4.343E-11
405	452	G1	9.467E-11	3.267E-11
405	451	G1	1.894E-11	3.082E-11
405	425	G2	-0.00029	-0.00025
405	426	G2	-0.00029	-0.00025
405	452	G2	-0.00029	-0.00025
405	451	G2	-0.00029	-0.00025
405	425	Qm	0.00187	0.003
405	426	Qm	0.00187	0.003
405	452	Qm	0.00187	0.00283
405	451	Qm	0.00187	0.00283
405	425	Qs	-1.952E-12	-7.740E-12
405	426	Qs	3.964E-13	-8.171E-12
405	452	Qs	1.042E-12	-4.272E-12
405	451	Qs	-2.126E-12	-4.388E-12

Table 27: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13	V23
			KN/mm	KN/mm
405	425	T+	0.	0.
405	426	T+	0.	0.
405	452	T+	0.	0.
405	451	T+	0.	0.
405	425	T-	0.	0.
405	426	T-	0.	0.
405	452	T-	0.	0.
405	451	T-	0.	0.
405	425	W	0.00241	0.00041
405	426	W	0.00241	0.00041
405	452	W	0.00241	0.0004
405	451	W	0.00241	0.0004
405	425	Qm-1	0.00231	0.00378
405	426	Qm-1	0.00229	0.00378
405	452	Qm-1	0.00229	0.00359
405	451	Qm-1	0.00231	0.00359
405	425	Qm-2	0.00024	0.00042
405	426	Qm-2	0.00023	0.00042
405	452	Qm-2	0.00023	0.00033
405	451	Qm-2	0.00024	0.00033
406	426	DEAD	0.	0.
406	427	DEAD	0.	0.
406	453	DEAD	0.	0.
406	452	DEAD	0.	0.
406	426	G1	5.304E-11	1.025E-10
406	427	G1	2.253E-11	9.214E-11
406	453	G1	3.287E-11	1.378E-10
406	452	G1	5.027E-11	1.350E-10
406	426	G2	-0.00029	-0.00027
406	427	G2	-0.00029	-0.00027
406	453	G2	-0.00029	-0.00027
406	452	G2	-0.00029	-0.00027
406	426	Qm	0.00195	0.00435
406	427	Qm	0.00194	0.00435
406	453	Qm	0.00194	0.00415
406	452	Qm	0.00195	0.00415
406	426	Qs	-8.247E-13	-3.773E-12
406	427	Qs	-3.673E-13	-3.988E-12
406	453	Qs	2.787E-13	-7.777E-13
406	452	Qs	-9.978E-13	-8.354E-13
406	426	T+	0.	0.
406	427	T+	0.	0.
406	453	T+	0.	0.
406	452	T+	0.	0.
406	426	T-	0.	0.
406	427	T-	0.	0.
406	453	T-	0.	0.
406	452	T-	0.	0.
406	426	W	0.00242	0.00057
406	427	W	0.00243	0.00057
406	453	W	0.00243	0.00055
406	452	W	0.00242	0.00055
406	426	Qm-1	0.00236	0.00539
406	427	Qm-1	0.00235	0.00539

Table 27: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13	V23
			KN/mm	KN/mm
406	453	Qm-1	0.00235	0.00524
406	452	Qm-1	0.00236	0.00524
406	426	Qm-2	0.00026	0.00032
406	427	Qm-2	0.00025	0.00032
406	453	Qm-2	0.00025	0.00028
406	452	Qm-2	0.00026	0.00028
407	427	DEAD	0.	0.
407	428	DEAD	0.	0.
407	454	DEAD	0.	0.
407	453	DEAD	0.	0.
407	427	G1	2.647E-11	-1.207E-10
407	428	G1	6.657E-11	-1.276E-10
407	454	G1	7.691E-11	-1.283E-10
407	453	G1	2.370E-11	-1.301E-10
407	427	G2	-0.00029	-0.00028
407	428	G2	-0.00029	-0.00028
407	454	G2	-0.00029	-0.00028
407	453	G2	-0.00029	-0.00028
407	427	Qm	0.00202	0.00392
407	428	Qm	0.002	0.00392
407	454	Qm	0.002	0.00375
407	453	Qm	0.00202	0.00375
407	427	Qs	-7.914E-13	-4.810E-12
407	428	Qs	-4.916E-13	-5.241E-12
407	454	Qs	1.544E-13	-2.288E-12
407	453	Qs	-9.645E-13	-2.404E-12
407	427	T+	0.	0.
407	428	T+	0.	0.
407	454	T+	0.	0.
407	453	T+	0.	0.
407	427	T-	0.	0.
407	428	T-	0.	0.
407	454	T-	0.	0.
407	453	T-	0.	0.
407	427	W	0.00245	0.0007
407	428	W	0.00246	0.0007
407	454	W	0.00246	0.00065
407	453	W	0.00245	0.00065
407	427	Qm-1	0.00241	-0.00191
407	428	Qm-1	0.00241	-0.00191
407	454	Qm-1	0.00241	-0.00201
407	453	Qm-1	0.00241	-0.00201
407	427	Qm-2	0.00025	0.00015
407	428	Qm-2	0.00026	0.00015
407	454	Qm-2	0.00026	0.00017
407	453	Qm-2	0.00025	0.00017
408	428	DEAD	0.	0.
408	429	DEAD	0.	0.
408	455	DEAD	0.	0.
408	454	DEAD	0.	0.
408	428	G1	6.096E-11	-4.757E-11
408	429	G1	4.810E-11	-5.101E-11
408	455	G1	5.844E-11	-6.018E-11
408	454	G1	5.819E-11	-6.110E-11

Table 27: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13	V23
			KN/mm	KN/mm
408	428	G2	-0.00029	-0.00029
408	429	G2	-0.00029	-0.00029
408	455	G2	-0.00029	-0.00028
408	454	G2	-0.00029	-0.00028
408	428	Qm	0.00206	0.00168
408	429	Qm	0.00205	0.00168
408	455	Qm	0.00205	0.0016
408	454	Qm	0.00206	0.0016
408	428	Qs	-1.089E-12	-3.825E-12
408	429	Qs	-2.827E-12	-4.041E-12
408	455	Qs	-4.583E-13	-4.456E-12
408	454	Qs	-1.723E-12	-4.514E-12
408	428	T+	0.	0.
408	429	T+	0.	0.
408	455	T+	0.	0.
408	454	T+	0.	0.
408	428	T-	0.	0.
408	429	T-	0.	0.
408	455	T-	0.	0.
408	454	T-	0.	0.
408	428	W	0.00249	0.00081
408	429	W	0.00249	0.00081
408	455	W	0.00249	0.00072
408	454	W	0.00249	0.00072
408	428	Qm-1	0.00245	-0.00014
408	429	Qm-1	0.00244	-0.00014
408	455	Qm-1	0.00244	-0.00021
408	454	Qm-1	0.00245	-0.00021
408	428	Qm-2	0.00024	2.332E-05
408	429	Qm-2	0.00024	2.332E-05
408	455	Qm-2	0.00024	7.338E-05
408	454	Qm-2	0.00024	7.338E-05
409	429	DEAD	0.	0.
409	430	DEAD	0.	0.
409	456	DEAD	0.	0.
409	455	DEAD	0.	0.
409	429	G1	3.070E-11	-3.536E-12
409	430	G1	5.081E-11	-6.981E-12
409	456	G1	8.870E-11	1.664E-11
409	455	G1	2.054E-11	1.572E-11
409	429	G2	-0.00029	-0.00029
409	430	G2	-0.00029	-0.00029
409	456	G2	-0.00029	-0.00028
409	455	G2	-0.00029	-0.00028
409	429	Qm	0.00206	-0.00051
409	430	Qm	0.00206	-0.00051
409	456	Qm	0.00206	-0.00047
409	455	Qm	0.00206	-0.00047
409	429	Qs	-4.436E-12	-1.546E-14
409	430	Qs	-6.688E-13	-4.461E-13
409	456	Qs	-2.287E-14	-8.036E-13
409	455	Qs	-4.609E-12	-9.190E-13
409	429	T+	0.	0.
409	430	T+	0.	0.

Table 27: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13	V23
			KN/mm	KN/mm
409	456	T+	0.	0.
409	455	T+	0.	0.
409	429	T-	0.	0.
409	430	T-	0.	0.
409	456	T-	0.	0.
409	455	T-	0.	0.
409	429	W	0.00253	0.00092
409	430	W	0.00254	0.00092
409	456	W	0.00254	0.00081
409	455	W	0.00253	0.00081
409	429	Qm-1	0.00246	0.00168
409	430	Qm-1	0.00242	0.00168
409	456	Qm-1	0.00242	0.00163
409	455	Qm-1	0.00246	0.00163
409	429	Qm-2	0.00024	1.108E-05
409	430	Qm-2	0.00017	1.108E-05
409	456	Qm-2	0.00017	-2.606E-05
409	455	Qm-2	0.00024	-2.606E-05
410	430	DEAD	0.	0.
410	431	DEAD	0.	0.
410	457	DEAD	0.	0.
410	456	DEAD	0.	0.
410	430	G1	6.256E-11	3.311E-11
410	431	G1	4.214E-11	2.967E-11
410	457	G1	5.247E-11	6.590E-11
410	456	G1	5.979E-11	6.498E-11
410	430	G2	-0.00029	-0.00028
410	431	G2	-0.00029	-0.00028
410	457	G2	-0.00029	-0.00028
410	456	G2	-0.00029	-0.00028
410	430	Qm	0.00202	-0.00269
410	431	Qm	0.00203	-0.00269
410	457	Qm	0.00203	-0.00256
410	456	Qm	0.00202	-0.00256
410	430	Qs	-1.389E-12	-2.245E-12
410	431	Qs	-1.708E-12	-2.460E-12
410	457	Qs	6.605E-13	-3.033E-12
410	456	Qs	-2.023E-12	-3.091E-12
410	430	T+	0.	0.
410	431	T+	0.	0.
410	457	T+	0.	0.
410	456	T+	0.	0.
410	430	T-	0.	0.
410	431	T-	0.	0.
410	457	T-	0.	0.
410	456	T-	0.	0.
410	430	W	0.00258	0.00103
410	431	W	0.00259	0.00103
410	457	W	0.00259	0.00094
410	456	W	0.00258	0.00094
410	430	Qm-1	0.00244	0.00353
410	431	Qm-1	0.00237	0.00353
410	457	Qm-1	0.00237	0.00351
410	456	Qm-1	0.00244	0.00351

Table 27: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13	V23
			KN/mm	KN/mm
410	430	Qm-2	0.00018	-0.00013
410	431	Qm-2	0.00012	-0.00013
410	457	Qm-2	0.00012	-0.00013
410	456	Qm-2	0.00018	-0.00013
411	431	DEAD	0.	0.
411	432	DEAD	0.	0.
411	458	DEAD	0.	0.
411	457	DEAD	0.	0.
411	431	G1	3.705E-11	-1.288E-10
411	432	G1	8.220E-11	-1.323E-10
411	458	G1	9.254E-11	-1.566E-10
411	457	G1	3.428E-11	-1.575E-10
411	431	G2	-0.00029	-0.00027
411	432	G2	-0.00029	-0.00027
411	458	G2	-0.00029	-0.00027
411	457	G2	-0.00029	-0.00027
411	431	Qm	0.00197	-0.00302
411	432	Qm	0.00196	-0.00302
411	458	Qm	0.00196	-0.00285
411	457	Qm	0.00197	-0.00285
411	431	Qs	-2.616E-12	4.110E-13
411	432	Qs	2.874E-12	-1.960E-14
411	458	Qs	1.797E-12	-3.687E-12
411	457	Qs	-2.328E-12	-3.803E-12
411	431	T+	0.	0.
411	432	T+	0.	0.
411	458	T+	0.	0.
411	457	T+	0.	0.
411	431	T-	0.	0.
411	432	T-	0.	0.
411	458	T-	0.	0.
411	457	T-	0.	0.
411	431	W	0.00261	0.00116
411	432	W	0.00264	0.00116
411	458	W	0.00264	0.00111
411	457	W	0.00261	0.00111
411	431	Qm-1	0.00237	-0.00363
411	432	Qm-1	0.00229	-0.00363
411	458	Qm-1	0.00229	-0.00358
411	457	Qm-1	0.00237	-0.00358
411	431	Qm-2	0.0001	-0.00035
411	432	Qm-2	5.611E-05	-0.00035
411	458	Qm-2	5.611E-05	-0.00027
411	457	Qm-2	0.0001	-0.00027
412	432	DEAD	0.	0.
412	433	DEAD	0.	0.
412	459	DEAD	0.	0.
412	458	DEAD	0.	0.
412	432	G1	8.841E-11	-1.041E-10
412	433	G1	1.110E-10	-1.076E-10
412	459	G1	1.489E-10	-1.041E-10
412	458	G1	7.825E-11	-1.050E-10
412	432	G2	-0.00029	-0.00025
412	433	G2	-0.00029	-0.00025

Table 27: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13	V23
			KN/mm	KN/mm
412	459	G2	-0.00029	-0.00025
412	458	G2	-0.00029	-0.00025
412	432	Qm	0.0019	-0.0015
412	433	Qm	0.00186	-0.0015
412	459	Qm	0.00186	-0.00136
412	458	Qm	0.0019	-0.00136
412	432	Qs	1.690E-12	-4.465E-12
412	433	Qs	5.826E-13	-4.680E-12
412	459	Qs	2.951E-12	-3.361E-12
412	458	Qs	1.055E-12	-3.419E-12
412	432	T+	0.	0.
412	433	T+	0.	0.
412	459	T+	0.	0.
412	458	T+	0.	0.
412	432	T-	0.	0.
412	433	T-	0.	0.
412	459	T-	0.	0.
412	458	T-	0.	0.
412	432	W	0.00264	0.00127
412	433	W	0.0027	0.00127
412	459	W	0.0027	0.00129
412	458	W	0.00264	0.00129
412	432	Qm-1	0.00227	-0.0018
412	433	Qm-1	0.00219	-0.0018
412	459	Qm-1	0.00219	-0.00169
412	458	Qm-1	0.00227	-0.00169
412	432	Qm-2	1.182E-05	-0.00052
412	433	Qm-2	-2.066E-05	-0.00052
412	459	Qm-2	-2.066E-05	-0.00037
412	458	Qm-2	1.182E-05	-0.00037
413	433	DEAD	0.	0.
413	434	DEAD	0.	0.
413	460	DEAD	0.	0.
413	459	DEAD	0.	0.
413	433	G1	1.180E-10	1.586E-11
413	434	G1	7.601E-11	-2.154E-11
413	460	G1	5.239E-11	-1.440E-11
413	459	G1	9.871E-11	1.156E-12
413	433	G2	-0.00029	-0.00023
413	434	G2	-0.0003	-0.00023
413	460	G2	-0.0003	-0.00023
413	459	G2	-0.00029	-0.00023
413	433	Qm	0.00183	-3.223E-05
413	434	Qm	0.00176	-3.223E-05
413	460	Qm	0.00176	3.855E-05
413	459	Qm	0.00183	3.855E-05
413	433	Qs	2.996E-12	7.890E-13
413	434	Qs	-5.071E-13	-1.180E-12
413	460	Qs	-6.296E-13	1.577E-12
413	459	Qs	-1.768E-12	-5.493E-13
413	433	T+	0.	0.
413	434	T+	0.	0.
413	460	T+	0.	0.
413	459	T+	0.	0.

Table 27: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13	V23
			KN/mm	KN/mm
413	433	T-	0.	0.
413	434	T-	0.	0.
413	460	T-	0.	0.
413	459	T-	0.	0.
413	433	W	0.00268	0.00136
413	434	W	0.00274	0.00136
413	460	W	0.00274	0.00141
413	459	W	0.00268	0.00141
413	433	Qm-1	0.00215	-9.800E-06
413	434	Qm-1	0.00207	-9.800E-06
413	460	Qm-1	0.00207	0.00011
413	459	Qm-1	0.00215	0.00011
413	433	Qm-2	-6.577E-05	-0.00052
413	434	Qm-2	-0.00013	-0.00052
413	460	Qm-2	-0.00013	-0.00044
413	459	Qm-2	-6.577E-05	-0.00044
414	434	DEAD	0.	0.
414	435	DEAD	0.	0.
414	461	DEAD	0.	0.
414	460	DEAD	0.	0.
414	434	G1	7.804E-11	7.591E-11
414	435	G1	7.982E-11	5.819E-11
414	461	G1	7.048E-11	7.843E-11
414	460	G1	2.938E-11	4.810E-11
414	434	G2	-0.0003	-0.0002
414	435	G2	-0.0003	-0.0002
414	461	G2	-0.0003	-0.0002
414	460	G2	-0.0003	-0.0002
414	434	Qm	0.00175	0.0014
414	435	Qm	0.00167	0.0014
414	461	Qm	0.00167	0.00141
414	460	Qm	0.00175	0.00141
414	434	Qs	8.068E-13	4.211E-12
414	435	Qs	1.695E-12	2.857E-12
414	461	Qs	6.492E-13	4.526E-12
414	460	Qs	-5.118E-13	9.653E-13
414	434	T+	0.	0.
414	435	T+	0.	0.
414	461	T+	0.	0.
414	460	T+	0.	0.
414	434	T-	0.	0.
414	435	T-	0.	0.
414	461	T-	0.	0.
414	460	T-	0.	0.
414	434	W	0.00272	0.00141
414	435	W	0.00276	0.00141
414	461	W	0.00276	0.00146
414	460	W	0.00272	0.00146
414	434	Qm-1	0.00202	0.00172
414	435	Qm-1	0.00193	0.00172
414	461	Qm-1	0.00193	0.00185
414	460	Qm-1	0.00202	0.00185
414	434	Qm-2	-0.00015	-0.00049
414	435	Qm-2	-0.0002	-0.00049

Table 27: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13	V23
			KN/mm	KN/mm
414	461	Qm-2	-0.0002	-0.00045
414	460	Qm-2	-0.00015	-0.00045
415	435	DEAD	0.	0.
415	436	DEAD	0.	0.
415	462	DEAD	0.	0.
415	461	DEAD	0.	0.
415	435	G1	4.308E-11	-2.201E-10
415	436	G1	4.577E-12	-2.649E-10
415	462	G1	-2.313E-12	-1.949E-10
415	461	G1	4.493E-11	-2.069E-10
415	435	G2	-0.0003	-0.00016
415	436	G2	-0.00031	-0.00016
415	462	G2	-0.00031	-0.00016
415	461	G2	-0.0003	-0.00016
415	435	Qm	0.00169	0.00182
415	436	Qm	0.00161	0.00182
415	462	Qm	0.00161	0.00179
415	461	Qm	0.00169	0.00179
415	435	Qs	-1.354E-12	1.308E-13
415	436	Qs	-3.099E-12	-4.606E-12
415	462	Qs	-3.560E-12	1.234E-12
415	461	Qs	3.688E-13	-3.506E-14
415	435	T+	0.	0.
415	436	T+	0.	0.
415	462	T+	0.	0.
415	461	T+	0.	0.
415	435	T-	0.	0.
415	436	T-	0.	0.
415	462	T-	0.	0.
415	461	T-	0.	0.
415	435	W	0.00275	0.00143
415	436	W	0.00275	0.00143
415	462	W	0.00275	0.00144
415	461	W	0.00275	0.00144
415	435	Qm-1	0.00188	-0.0086
415	436	Qm-1	0.0018	-0.0086
415	462	Qm-1	0.0018	-0.00847
415	461	Qm-1	0.00188	-0.00847
415	435	Qm-2	-0.00019	-0.00045
415	436	Qm-2	-0.00024	-0.00045
415	462	Qm-2	-0.00024	-0.00047
415	461	Qm-2	-0.00019	-0.00047
416	436	DEAD	0.	0.
416	437	DEAD	0.	0.
416	463	DEAD	0.	0.
416	462	DEAD	0.	0.
416	436	G1	2.783E-12	-1.551E-10
416	437	G1	4.473E-11	-1.378E-10
416	463	G1	4.818E-11	-1.551E-10
416	462	G1	1.860E-12	-1.505E-10
416	436	G2	-0.00031	-0.00011
416	437	G2	-0.00031	-0.00011
416	463	G2	-0.00031	-0.00011
416	462	G2	-0.00031	-0.00011

Table 27: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13	V23
			KN/mm	KN/mm
416	436	Qm	0.00163	0.00126
416	437	Qm	0.00156	0.00126
416	463	Qm	0.00156	0.00121
416	462	Qm	0.00163	0.00121
416	436	Qs	-2.308E-12	-1.241E-12
416	437	Qs	-1.723E-12	-1.671E-12
416	463	Qs	2.144E-13	-1.398E-12
416	462	Qs	-2.827E-12	-1.514E-12
416	436	T+	0.	0.
416	437	T+	0.	0.
416	463	T+	0.	0.
416	462	T+	0.	0.
416	436	T-	0.	0.
416	437	T-	0.	0.
416	463	T-	0.	0.
416	462	T-	0.	0.
416	436	W	0.00276	0.00144
416	437	W	0.00273	0.00144
416	463	W	0.00273	0.0014
416	462	W	0.00276	0.0014
416	436	Qm-1	0.00175	-0.00698
416	437	Qm-1	0.00169	-0.00698
416	463	Qm-1	0.00169	-0.00685
416	462	Qm-1	0.00175	-0.00685
416	436	Qm-2	-0.00022	-0.00041
416	437	Qm-2	-0.00027	-0.00041
416	463	Qm-2	-0.00027	-0.00046
416	462	Qm-2	-0.00022	-0.00046
417	437	DEAD	0.	0.
417	438	DEAD	0.	0.
417	464	DEAD	0.	0.
417	463	DEAD	0.	0.
417	437	G1	6.682E-11	-1.270E-10
417	438	G1	6.117E-11	-1.162E-10
417	464	G1	3.656E-11	-1.220E-10
417	463	G1	9.900E-11	-9.349E-11
417	437	G2	-0.00031	-6.251E-05
417	438	G2	-0.00031	-6.251E-05
417	464	G2	-0.00031	-6.074E-05
417	463	G2	-0.00031	-6.074E-05
417	437	Qm	0.00159	0.00071
417	438	Qm	0.00153	0.00071
417	464	Qm	0.00153	0.00066
417	463	Qm	0.00159	0.00066
417	437	Qs	-7.605E-13	-4.274E-13
417	438	Qs	1.577E-12	2.495E-13
417	464	Qs	1.762E-12	5.184E-13
417	463	Qs	7.890E-13	2.299E-12
417	437	T+	0.	0.
417	438	T+	0.	0.
417	464	T+	0.	0.
417	463	T+	0.	0.
417	437	T-	0.	0.
417	438	T-	0.	0.

Table 27: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13	V23
			KN/mm	KN/mm
417	464	T-	0.	0.
417	463	T-	0.	0.
417	437	W	0.00275	0.00144
417	438	W	0.0027	0.00144
417	464	W	0.0027	0.00139
417	463	W	0.00275	0.00139
417	437	Qm-1	0.00164	-0.0054
417	438	Qm-1	0.00159	-0.0054
417	464	Qm-1	0.00159	-0.00528
417	463	Qm-1	0.00164	-0.00528
417	437	Qm-2	-0.00024	-0.00035
417	438	Qm-2	-0.00028	-0.00035
417	464	Qm-2	-0.00028	-0.00041
417	463	Qm-2	-0.00024	-0.00041
418	438	DEAD	0.	0.
418	439	DEAD	0.	0.
418	465	DEAD	0.	0.
418	464	DEAD	0.	0.
418	438	G1	3.979E-11	-5.809E-11
418	439	G1	1.685E-11	-6.153E-11
418	465	G1	2.718E-11	-2.782E-11
418	464	G1	3.702E-11	-2.875E-11
418	438	G2	-0.00031	-4.743E-06
418	439	G2	-0.00032	-4.743E-06
418	465	G2	-0.00032	-4.501E-06
418	464	G2	-0.00031	-4.501E-06
418	438	Qm	0.00155	0.0002
418	439	Qm	0.0015	0.0002
418	465	Qm	0.0015	0.00016
418	464	Qm	0.00155	0.00016
418	438	Qs	-6.096E-14	2.230E-12
418	439	Qs	-3.218E-12	2.014E-12
418	465	Qs	-8.491E-13	2.230E-12
418	464	Qs	-6.956E-13	2.172E-12
418	438	T+	0.	0.
418	439	T+	0.	0.
418	465	T+	0.	0.
418	464	T+	0.	0.
418	438	T-	0.	0.
418	439	T-	0.	0.
418	465	T-	0.	0.
418	464	T-	0.	0.
418	438	W	0.00271	0.00143
418	439	W	0.00266	0.00143
418	465	W	0.00266	0.00142
418	464	W	0.00271	0.00142
418	438	Qm-1	0.00155	-0.00386
418	439	Qm-1	0.0015	-0.00386
418	465	Qm-1	0.0015	-0.00376
418	464	Qm-1	0.00155	-0.00376
418	438	Qm-2	-0.00025	-0.00027
418	439	Qm-2	-0.00027	-0.00027
418	465	Qm-2	-0.00027	-0.00031
418	464	Qm-2	-0.00025	-0.00031

Table 27: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13	V23
			KN/mm	KN/mm
419	439	DEAD	0.	0.
419	440	DEAD	0.	0.
419	466	DEAD	0.	0.
419	465	DEAD	0.	0.
419	439	G1	1.042E-11	-3.995E-11
419	440	G1	7.137E-11	-4.045E-11
419	466	G1	8.860E-11	-5.760E-11
419	465	G1	5.800E-12	-8.332E-11
419	439	G2	-0.00032	5.962E-05
419	440	G2	-0.00033	5.962E-05
419	466	G2	-0.00033	5.762E-05
419	465	G2	-0.00032	5.762E-05
419	439	Qm	0.00152	-0.00029
419	440	Qm	0.00148	-0.00029
419	466	Qm	0.00148	-0.00032
419	465	Qm	0.00152	-0.00032
419	439	Qs	-5.737E-12	1.534E-12
419	440	Qs	1.664E-12	2.421E-13
419	466	Qs	9.491E-14	-9.880E-13
419	465	Qs	-2.119E-12	-1.334E-12
419	439	T+	0.	0.
419	440	T+	0.	0.
419	466	T+	0.	0.
419	465	T+	0.	0.
419	439	T-	0.	0.
419	440	T-	0.	0.
419	466	T-	0.	0.
419	465	T-	0.	0.
419	439	W	0.00266	0.00142
419	440	W	0.00261	0.00142
419	466	W	0.00261	0.00147
419	465	W	0.00266	0.00147
419	439	Qm-1	0.00148	-0.00234
419	440	Qm-1	0.00144	-0.00234
419	466	Qm-1	0.00144	-0.00229
419	465	Qm-1	0.00148	-0.00229
419	439	Qm-2	-0.00026	-0.00017
419	440	Qm-2	-0.00028	-0.00017
419	466	Qm-2	-0.00028	-0.0002
419	465	Qm-2	-0.00026	-0.0002
420	440	DEAD	0.	0.
420	441	DEAD	0.	0.
420	467	DEAD	0.	0.
420	466	DEAD	0.	0.
420	440	G1	6.819E-11	-1.192E-11
420	441	G1	4.130E-11	-2.574E-12
420	467	G1	5.558E-11	4.104E-11
420	466	G1	3.878E-11	-7.618E-12
420	440	G2	-0.00033	0.00013
420	441	G2	-0.00034	0.00013
420	467	G2	-0.00034	0.00013
420	466	G2	-0.00033	0.00013
420	440	Qm	0.00149	-0.00076
420	441	Qm	0.00146	-0.00076

Table 27: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13	V23
			KN/mm	KN/mm
420	467	Qm	0.00146	-0.00076
420	466	Qm	0.00149	-0.00076
420	440	Qs	1.711E-12	1.556E-12
420	441	Qs	-4.193E-13	1.925E-12
420	467	Qs	2.657E-12	1.083E-12
420	466	Qs	-2.311E-12	-2.016E-12
420	440	T+	0.	0.
420	441	T+	0.	0.
420	467	T+	0.	0.
420	466	T+	0.	0.
420	440	T-	0.	0.
420	441	T-	0.	0.
420	467	T-	0.	0.
420	466	T-	0.	0.
420	440	W	0.00258	0.0014
420	441	W	0.00253	0.0014
420	467	W	0.00253	0.0015
420	466	W	0.00258	0.0015
420	440	Qm-1	0.00143	-0.00083
420	441	Qm-1	0.00139	-0.00083
420	467	Qm-1	0.00139	-0.00082
420	466	Qm-1	0.00143	-0.00082
420	440	Qm-2	-0.00027	-7.347E-05
420	441	Qm-2	-0.00029	-7.347E-05
420	467	Qm-2	-0.00029	-8.164E-05
420	466	Qm-2	-0.00027	-8.164E-05
421	441	DEAD	0.	0.
421	442	DEAD	0.	0.
421	468	DEAD	0.	0.
421	467	DEAD	0.	0.
421	441	G1	2.172E-11	4.653E-11
421	442	G1	2.917E-11	4.013E-11
421	468	G1	-3.628E-11	-1.390E-12
421	467	G1	3.926E-11	2.248E-11
421	441	G2	-0.00034	0.00021
421	442	G2	-0.00035	0.00021
421	468	G2	-0.00035	0.00021
421	467	G2	-0.00034	0.00021
421	441	Qm	0.00146	-0.00121
421	442	Qm	0.00144	-0.00121
421	468	Qm	0.00144	-0.00119
421	467	Qm	0.00146	-0.00119
421	441	Qs	2.167E-12	2.002E-12
421	442	Qs	-2.120E-12	6.793E-13
421	468	Qs	-3.350E-12	2.002E-12
421	467	Qs	-7.013E-13	4.877E-14
421	441	T+	0.	0.
421	442	T+	0.	0.
421	468	T+	0.	0.
421	467	T+	0.	0.
421	441	T-	0.	0.
421	442	T-	0.	0.
421	468	T-	0.	0.
421	467	T-	0.	0.

Table 27: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13	V23
			KN/mm	KN/mm
421	441	W	0.00249	0.00139
421	442	W	0.00238	0.00139
421	468	W	0.00238	0.0015
421	467	W	0.00249	0.0015
421	441	Qm-1	0.0014	0.00069
421	442	Qm-1	0.00137	0.00069
421	468	Qm-1	0.00137	0.00066
421	467	Qm-1	0.0014	0.00066
421	441	Qm-2	-0.00029	2.378E-05
421	442	Qm-2	-0.00032	2.378E-05
421	468	Qm-2	-0.00032	3.356E-05
421	467	Qm-2	-0.00029	3.356E-05
422	442	DEAD	0.	0.
422	443	DEAD	0.	0.
422	469	DEAD	0.	0.
422	468	DEAD	0.	0.
422	442	G1	6.033E-12	9.164E-11
422	443	G1	-2.341E-12	1.084E-10
422	469	G1	4.638E-11	1.093E-10
422	468	G1	-3.260E-11	8.820E-11
422	442	G2	-0.00035	0.0003
422	443	G2	-0.00037	0.0003
422	469	G2	-0.00037	0.0003
422	468	G2	-0.00035	0.0003
422	442	Qm	0.00143	-0.00164
422	443	Qm	0.00141	-0.00164
422	469	Qm	0.00141	-0.0016
422	468	Qm	0.00143	-0.0016
422	442	Qs	-7.979E-13	1.936E-12
422	443	Qs	-2.651E-12	3.444E-12
422	469	Qs	-1.113E-12	4.616E-12
422	468	Qs	-2.809E-12	5.020E-12
422	442	T+	0.	0.
422	443	T+	0.	0.
422	469	T+	0.	0.
422	468	T+	0.	0.
422	442	T-	0.	0.
422	443	T-	0.	0.
422	469	T-	0.	0.
422	468	T-	0.	0.
422	442	W	0.00236	0.00149
422	443	W	0.00215	0.00149
422	469	W	0.00215	0.00156
422	468	W	0.00236	0.00156
422	442	Qm-1	0.00139	0.00224
422	443	Qm-1	0.00136	0.00224
422	469	Qm-1	0.00136	0.00218
422	468	Qm-1	0.00139	0.00218
422	442	Qm-2	-0.00032	0.00011
422	443	Qm-2	-0.00035	0.00011
422	469	Qm-2	-0.00035	0.00014
422	468	Qm-2	-0.00032	0.00014
423	443	DEAD	0.	0.
423	444	DEAD	0.	0.