

Stability calculation - shipHull Maxsurf depth corrected stability

Stability 21.01.00.73, build: 73

Model file: C:\Users\durtdssnts_j\Desktop\Stability 24MAY\shipHull Maxsurf depth corrected stability (Medium precision, 114 sections, Trimming off, Skin thickness not applied). Long. datum: MS; Vert. datum: Baseline. Analysis tolerance - ideal(worst case): Disp.‰: 0.01000(0.100); Trim‰(LCG-TCG): 0.01000(0.100); Heel‰(LCG-TCG): 0.01000(0.100)

Loadcase - Light (w cargo)

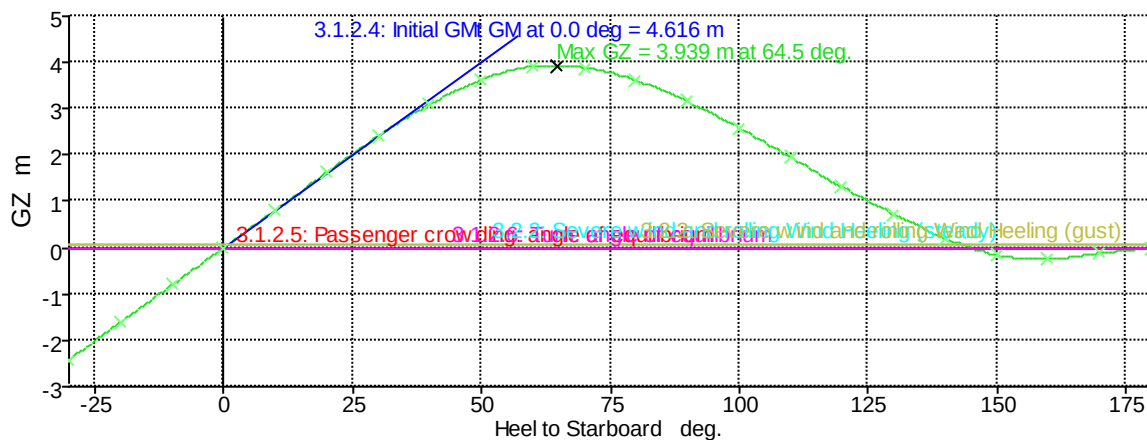
Damage Case - Intact

Free to Trim

Specific gravity = 1.025; (Density = 1.025 tonne/m³)

Fluid analysis method: Use corrected VCG

Item Name	Quantity	Unit Mass tonne	Total Mass tonne	Unit Volume m ³	Total Volume m ³	Long. Arm m	Trans. Arm m	Vert. Arm m	Total FSM tonne.m	FSM Type
Lightship	1	6000.000	6000.000			-13.300	0.000	4.200	0.000	User Specified
FO1	0%	120.703	0.000	127.823	0.000	39.741	0.000	0.700	0.000	Maximum
FO2	0%	133.060	0.000	140.909	0.000	30.934	0.000	0.700	0.000	Maximum
FO3	0%	103.871	0.000	109.998	0.000	23.180	0.000	0.700	0.000	Maximum
FO4	0%	103.871	0.000	109.998	0.000	16.180	0.000	0.700	0.000	Maximum
FO5	0%	96.840	0.000	102.553	0.000	8.211	4.429	0.700	0.000	Maximum
FW1	0%	196.873	0.000	196.873	0.000	-3.525	4.737	0.700	0.000	Maximum
FW2	0%	191.401	0.000	191.401	0.000	-3.525	-4.737	0.700	0.000	Maximum
FW3	0%	108.219	0.000	108.219	0.000	-36.008	3.887	0.700	0.000	Maximum
FW4	0%	108.219	0.000	108.219	0.000	-36.008	-3.887	0.700	0.000	Maximum
FO6	0%	126.871	0.000	134.355	0.000	8.405	0.000	0.700	0.000	Maximum
FO7	0%	96.840	0.000	102.553	0.000	8.211	-4.429	0.700	0.000	Maximum
FO8	0%	223.174	0.000	236.339	0.000	-3.390	0.000	0.700	0.000	Maximum
Total Loadcase			6000.000	1669.238	0.000	-13.300	0.000	4.200	0.000	
FS correction								0.000		
VCG fluid								4.200		



Heel to Starboard deg	-30.0	-20.0	-10.0	0.0	10.0	20.0	30.0	40.0	50.0	60.0	70.0	80.0	90.0	100.0	110.0	120.0	130.0	140.0	150.0	160.0	170.0	180.0
GZ m	-	-	-	-	0.805	1.616	2.415	3.091	3.622	3.911	3.890	3.617	3.164	2.592	1.956	1.318	0.732	0.215	-	-	-	0.001
Area under GZ curve from zero heel m.deg	36.34 57	16.16 10	4.033 4	0.000 0	4.019 3	16.11 69	36.33 30	63.98 15	97.69 90	135.6 089	174.8 615	212.5 766	246.6 049	275.4 575	298.2 240	314.5 684	324.7 706	329.4 287	329.5 425	327.2 805	325.3 299	324.7 410
Displacement t	6000	6000	6000	6000	6000	6000	6000	6000	6000	6000	6000	5999	5999	6000	6000	6000	6000	6000	6000	6000	6000	6000
Draft at FP m	1.742	2.047	2.201	2.253	2.204	2.053	1.752	1.145	0.035	2.533	7.851	23.78 3	n/a	39.22 1	23.24 1	17.81 5	15.07 5	13.45 2	12.43 4	11.87 5	11.72 9	11.74 7
Draft at AP m	6.510	6.647	6.685	6.688	6.684	6.644	6.505	6.119	5.383	4.432	2.954	1.072	n/a	14.28 9	10.29 0	8.909	8.206	7.877	7.823	7.940	7.994	7.983
WL Length m	122.1 24	122.2 09	122.2 52	122.2 66	122.2 53	122.2 10	122.1 27	121.7 55	118.9 53	111.4 39	114.7 04	117.7 76	119.6 53	121.0 27	122.3 12	122.6 51	123.0 16	123.4 29	123.6 68	123.4 89	123.4 43	123.4 51
Beam max extents on WL m	18.05 1	17.64 1	17.09 0	16.87 2	17.09 0	17.64 1	18.05 1	17.76 3	16.40 1	14.77 9	13.61 9	12.81 6	12.48 6	12.55 0	13.01 5	13.95 9	15.02 6	15.93 3	17.76 9	17.88 2	17.09 6	16.84 9
Wetted Area m ²	2199. 505	2203. 436	2203. 479	2204. 653	2201. 397	2199. 090	2192. 542	2173. 479	2181. 011	2184. 091	2191. 448	2196. 500	2206. 203	2217. 977	2233. 775	2255. 612	2291. 763	2347. 995	2473. 268	2621. 155	2684. 970	2689. 331
Waterpl. Area m ²	1692. 931	1688. 204	1669. 955	1664. 069	1669. 730	1687. 632	1691. 776	1677. 077	1630. 984	1509. 707	1387. 021	1302. 795	1262. 398	1258. 709	1289. 710	1356. 087	1436. 772	1535. 636	1701. 312	1892. 775	1986. 850	1961. 527

Heel to Starboard deg	-30.0	-20.0	-10.0	0.0	10.0	20.0	30.0	40.0	50.0	60.0	70.0	80.0	90.0	100.0	110.0	120.0	130.0	140.0	150.0	160.0	170.0	180.0
Prismatic coeff. (Cp)	0.606	0.597	0.591	0.590	0.591	0.597	0.606	0.624	0.653	0.710	0.699	0.688	0.682	0.678	0.672	0.670	0.659	0.643	0.623	0.616	0.618	0.616
Block coeff. (Cb)	0.367	0.408	0.476	0.496	0.476	0.408	0.367	0.361	0.407	0.498	0.556	0.591	0.582	0.503	0.438	0.385	0.349	0.335	0.323	0.366	0.458	0.585
LCB from zero pt. (+ve fwd) m	13.36 7	13.35 5	13.34 8	13.34 6	13.34 8	13.35 4	13.36 3	13.37 3	13.38 3	13.40 0	13.43 6	13.46 2	13.49 2	13.51 9	13.53 7	13.54 7	13.55 0	13.54 0	13.53 0	13.51 3	13.50 9	13.51 6
LCF from zero pt. (+ve fwd) m	8.122	8.771	9.430	9.709	9.437	8.788	8.158	7.509	5.683	4.747	4.943	5.151	5.399	5.746	6.130	6.629	7.067	7.349	7.449	5.158	1.833	1.795
Max deck inclination deg	30.05 72	20.09 92	10.21 20	2.089 2	10.21 17	20.09 88	30.05 68	40.03 35	50.01 97	60.01 36	70.00 96	80.00 53	90.00 00	99.99 36	109.9 862	119.9 778	129.9 683	139.9 579	149.9 465	159.9 273	169.8 524	178.2 263
Trim angle (+ve by stern) deg	2.246 6	2.167 2	2.112 9	2.089 2	2.111 1	2.163 1	2.239 2	2.343 2	2.552 3	3.279 8	5.080 3	10.58 32	n/a	11.59 19	6.081 7	4.190 4	3.234 5	2.625 9	2.172 5	1.854 6	1.760 2	1.773 7

Key point	Type	Immersion angle deg	Emergence angle deg
Margin Line (immersion pos = -59.524 m)		4.8	n/a
Deck Edge (immersion pos = -59.524 m)		5.3	n/a

Code	Criteria	Value	Units	Actual	Status	Margin %
A.749(18) Ch3 - Design criteria applicable to all ships	3.1.2.1: Area 0 to 30	3.1513	m.deg	36.3330	Pass	+1052.95
A.749(18) Ch3 - Design criteria applicable to all ships	3.1.2.1: Area 0 to 40	5.1566	m.deg	63.9815	Pass	+1140.77
A.749(18) Ch3 - Design criteria applicable to all ships	3.1.2.1: Area 30 to 40	1.7189	m.deg	27.6485	Pass	+1508.50
A.749(18) Ch3 - Design criteria applicable to all ships	3.1.2.2: Max GZ at 30 or greater	0.200	m	3.939	Pass	+1869.50
A.749(18) Ch3 - Design criteria applicable to all ships	3.1.2.3: Angle of maximum GZ	25.0	deg	64.5	Pass	+158.18
A.749(18) Ch3 - Design criteria applicable to all ships	3.1.2.4: Initial GMT	0.150	m	4.616	Pass	+2977.33
A.749(18) Ch3 - Design criteria applicable to all ships	3.1.2.5: Passenger crowding: angle of equilibrium	10.0	deg	0.0	Pass	+99.90
A.749(18) Ch3 - Design criteria applicable to all ships	3.1.2.6: Turn: angle of equilibrium	10.0	deg	0.0	Pass	+99.90
A.749(18) Ch3 - Design criteria applicable to all ships	3.2.2: Severe wind and rolling				Pass	
	Angle of steady heel shall not be greater than (<=)	16.0	deg	0.7	Pass	+95.45
	Angle of steady heel / Deck edge immersion angle shall not be greater than (<=)	80.00	%	13.72	Pass	+82.85
	Area1 / Area2 shall not be less than (>=)	100.00	%	359.86	Pass	+259.86

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Loadcase - Intermedium (w cargo)

Damage Case - Intact

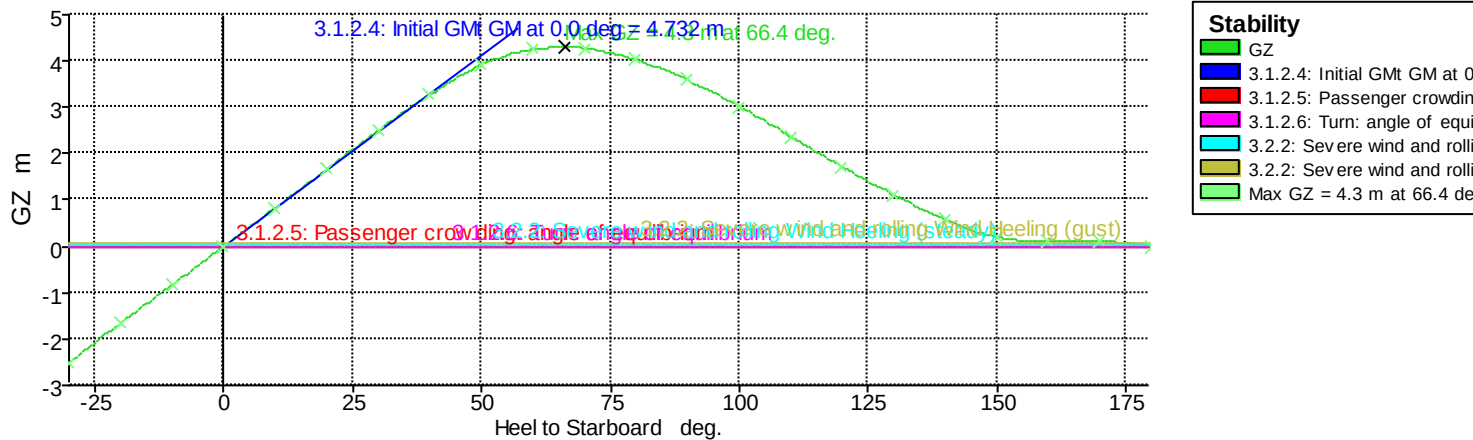
Free to Trim

Specific gravity = 1.025; (Density = 1.025 tonne/m^3)

Fluid analysis method: Use corrected VCG

Item Name	Quantity	Unit Mass tonne	Total Mass tonne	Unit Volume m^3	Total Volume m^3	Long. Arm m	Trans. Arm m	Vert. Arm m	Total FSM tonne.m	FSM Type
Lightship	1	6000.000	6000.000			-9.000	0.000	3.800	0.000	User Specified
FO1	50%	120.703	60.352	127.823	63.911	39.892	0.000	1.502	154.166	Maximum
FO2	50%	133.060	66.530	140.909	70.454	31.156	0.000	1.382	152.977	Maximum
FO3	50%	103.871	51.936	109.998	54.999	23.180	0.000	1.375	118.982	Maximum
FO4	50%	103.871	51.936	109.998	54.999	16.180	0.000	1.375	118.982	Maximum
FO5	50%	96.840	48.420	102.553	51.276	8.282	5.130	1.477	94.822	Maximum

Item Name	Quantity	Unit Mass tonne	Total Mass tonne	Unit Volume m^3	Total Volume m^3	Long. Arm m	Trans. Arm m	Vert. Arm m	Total FSM tonne.m	FSM Type
FW1	50%	196.873	98.437	196.873	98.437	-3.481	5.393	1.435	186.593	Maximum
FW2	50%	191.401	95.700	191.401	95.700	-3.465	-5.374	1.417	156.667	Maximum
FW3	50%	108.219	54.109	108.219	54.109	-38.341	4.815	1.672	107.438	Maximum
FW4	50%	108.219	54.109	108.219	54.109	-38.341	-4.815	1.672	107.438	Maximum
FO6	50%	126.871	63.436	134.355	67.177	8.405	0.000	1.375	145.328	Maximum
FO7	50%	96.840	48.420	102.553	51.276	8.282	-5.130	1.477	94.822	Maximum
FO8	50%	223.174	111.587	236.339	118.169	-3.390	0.000	1.375	255.641	Maximum
Total Loadcase			6804.972	1669.238	834.619	-7.545	0.002	3.522	1693.854	
FS correction								0.249		
VCG fluid								3.771		



Heel to Starboard deg	-30.0	-20.0	-10.0	0.0	10.0	20.0	30.0	40.0	50.0	60.0	70.0	80.0	90.0	100.0	110.0	120.0	130.0	140.0	150.0	160.0	170.0	180.0
GZ m	-	-	-	-	0.820	1.652	2.499	3.267	3.907	4.244	4.278	4.034	3.597	3.028	2.382	1.721	1.112	0.581	0.200	0.117	0.115	0.004
Area under GZ curve from zero heel m.deg	37.4735	16.6219	4.1700	0.0000	4.0777	16.4204	37.2048	66.1099	102.1560	143.1777	186.0324	227.7916	266.0722	299.2810	326.3711	346.8712	360.9804	369.3699	373.0631	374.4521	375.6593	376.3319
Displacement	6805	6805	6805	6805	6805	6805	6805	6805	6805	6805	6805	6805	6805	6805	6805	6805	6805	6805	6805	6805	6805	6805
Draft at FP m	3.866	4.101	4.214	4.250	4.219	4.112	3.886	3.430	2.537	0.938	-	-	n/a	-	-	-	-	-	-	-	-	-
Draft at AP m	5.740	5.905	5.976	5.996	5.974	5.900	5.732	5.310	4.447	3.165	0.926	-	n/a	-	-	-	-	-	-	-	-	-
WL Length m	121.853	121.686	121.552	121.185	121.548	121.676	121.842	122.078	122.185	121.516	119.588	121.367	122.351	122.737	123.124	123.505	123.487	123.214	123.058	123.015	123.011	123.021
Beam max extents on WL m	18.243	17.723	17.106	16.880	17.106	17.723	18.245	17.473	16.331	14.645	13.621	12.839	12.516	12.583	13.051	13.997	15.243	15.984	17.477	17.885	17.095	16.848
Wetted Area m^2	2395.216	2379.170	2375.753	2378.582	2372.357	2371.960	2383.319	2374.878	2402.260	2419.174	2428.867	2417.962	2420.153	2426.295	2437.753	2457.507	2530.381	2595.393	2708.042	2864.241	2797.357	2802.188
Waterpl. Area m^2	1791.081	1753.030	1727.736	1724.156	1727.183	1751.761	1788.989	1790.612	1765.871	1618.025	1488.762	1384.858	1336.817	1329.982	1361.967	1435.363	1536.428	1654.162	1838.327	2032.754	1969.500	1943.746
Prismatic coeff. (Cp)	0.697	0.683	0.674	0.673	0.674	0.683	0.698	0.714	0.728	0.744	0.767	0.766	0.768	0.774	0.780	0.787	0.792	0.786	0.770	0.755	0.752	0.750
Block coeff. (Cb)	0.403	0.458	0.550	0.578	0.550	0.458	0.403	0.404	0.437	0.509	0.590	0.669	0.707	0.611	0.531	0.464	0.414	0.401	0.392	0.437	0.552	0.720
LCB from zero pt. (+ve fwd) m	7.564	7.559	7.556	7.555	7.556	7.559	7.563	7.569	7.568	7.575	7.579	7.587	7.600	7.612	7.624	7.637	7.651	7.662	7.665	7.666	7.671	7.676
LCF from zero pt. (+ve fwd) m	5.336	6.213	6.973	7.392	6.988	6.246	5.392	4.310	1.912	0.776	1.331	2.023	2.500	3.014	3.487	3.992	4.366	4.544	4.588	2.549	2.312	2.266
Max deck inclination deg	30.0088	20.0153	10.0330	0.8229	10.0328	20.0150	30.0086	40.0048	50.0025	60.0014	70.0009	80.0004	90.0000	99.9994	109.9985	119.9971	129.9948	139.9915	149.9869	159.9781	169.9514	178.9749
Trim angle (+ve by stern) deg	0.8834	0.8500	0.8304	0.8229	0.8274	0.8429	0.8701	0.8864	0.9005	1.0494	1.5227	3.0479	n/a	3.6082	2.0207	1.5185	1.3068	1.1804	1.0748	1.0167	1.0076	1.0251

Key point	Type	Immersion angle deg	Emergence angle deg
Margin Line (immersion pos = -58.275 m)		9.5	n/a
Deck Edge (immersion pos = -58.275 m)		10	n/a

Code	Criteria	Value	Units	Actual	Status	Margin %
A.749(18) Ch3 - Design criteria applicable to all ships	3.1.2.1: Area 0 to 30	3.1513	m.deg	37.2048	Pass	+1080.62
A.749(18) Ch3 - Design criteria applicable to all ships	3.1.2.1: Area 0 to 40	5.1566	m.deg	66.1099	Pass	+1182.05
A.749(18) Ch3 - Design criteria applicable to all ships	3.1.2.1: Area 30 to 40	1.7189	m.deg	28.9051	Pass	+1581.61
A.749(18) Ch3 - Design criteria applicable to all ships	3.1.2.2: Max GZ at 30 or greater	0.200	m	4.300	Pass	+2050.00
A.749(18) Ch3 - Design criteria applicable to all ships	3.1.2.3: Angle of maximum GZ	25.0	deg	66.4	Pass	+165.46
A.749(18) Ch3 - Design criteria applicable to all ships	3.1.2.4: Initial GMt	0.150	m	4.732	Pass	+3054.67
A.749(18) Ch3 - Design criteria applicable to all ships	3.1.2.5: Passenger crowding: angle of equilibrium	10.0	deg	0.1	Pass	+99.44
A.749(18) Ch3 - Design criteria applicable to all ships	3.1.2.6: Turn: angle of equilibrium	10.0	deg	0.1	Pass	+99.44
A.749(18) Ch3 - Design criteria applicable to all ships	3.2.2: Severe wind and rolling				Pass	
	Angle of steady heel shall not be greater than (<=)	16.0	deg	0.6	Pass	+96.17
	Angle of steady heel / Deck edge immersion angle shall not be greater than (<=)	80.00	%	6.14	Pass	+92.32
	Area1 / Area2 shall not be less than (>=)	100.00	%	373.45	Pass	+273.45

Stability calculation - shipHull Maxsurf depth corrected stability

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Loadcase - Full (w cargo)

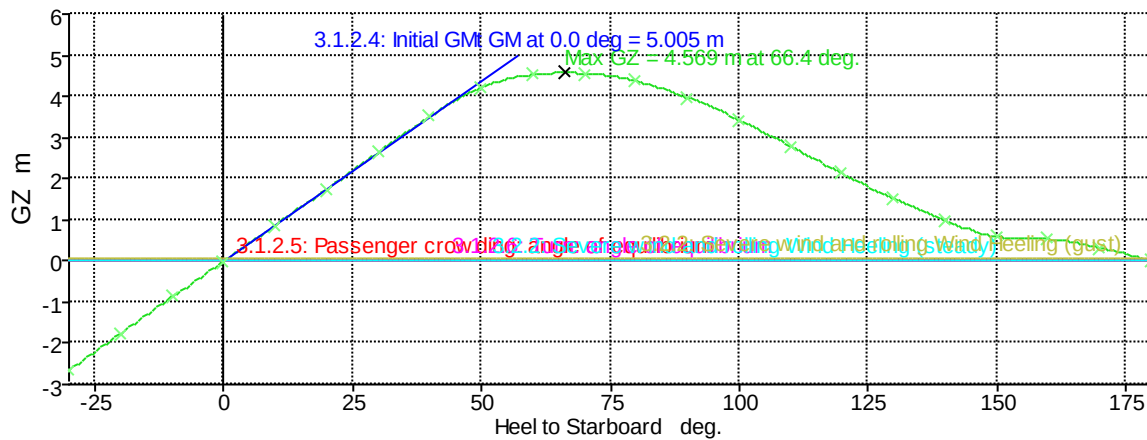
Damage Case - Intact

Free to Trim

Specific gravity = 1.025; (Density = 1.025 tonne/m³)

Fluid analysis method: Use corrected VCG

Item Name	Quantity	Unit Mass tonne	Total Mass tonne	Unit Volume m^3	Total Volume m^3	Long. Arm m	Trans. Arm m	Vert. Arm m	Total FSM tonne.m	FSM Type
Lightship	1	6000.000	6000.000			-5.800	0.000	3.700	0.000	User Specified
FO1	100%	120.703	120.703	127.823	127.823	40.043	0.000	2.148	0.000	Maximum
FO2	100%	133.060	133.060	140.909	140.909	31.168	0.000	2.055	0.000	Maximum
FO3	100%	103.871	103.871	109.998	109.998	23.180	0.000	2.050	0.000	Maximum
FO4	100%	103.871	103.871	109.998	109.998	16.180	0.000	2.050	0.000	Maximum
FO5	100%	96.840	96.840	102.553	102.553	8.316	5.323	2.135	0.000	Maximum
FW1	100%	196.873	196.873	196.873	196.873	-3.446	5.512	2.098	0.000	Maximum
FW2	100%	191.401	191.401	191.401	191.401	-3.428	-5.437	2.080	0.000	Maximum
FW3	100%	108.219	108.219	108.219	108.219	-38.712	5.094	2.281	0.000	Maximum
FW4	100%	108.219	108.219	108.219	108.219	-38.712	-5.094	2.281	0.000	Maximum
FO6	100%	126.871	126.871	134.355	134.355	8.405	0.000	2.050	0.000	Maximum
FO7	100%	96.840	96.840	102.553	102.553	8.316	-5.323	2.135	0.000	Maximum
FO8	100%	223.174	223.174	236.339	236.339	-3.390	0.000	2.050	0.000	Maximum
Total Loadcase			7609.943	1669.238	1669.238	-3.880	0.006	3.363	0.000	
FS correction								0.000		
VCG fluid								3.363		



Stability	
■	GZ
■	3.1.2.4: Initial GMt GM at 0
■	3.1.2.5: Passenger crowding
■	3.1.2.6: Turn: angle of equilibrium
■	3.2.2: Severe wind and rolling
■	Max GZ = 4.569 m at 66.4

Heel to Starboard deg	-30.0	-20.0	-10.0	0.0	10.0	20.0	30.0	40.0	50.0	60.0	70.0	80.0	90.0	100.0	110.0	120.0	130.0	140.0	150.0	160.0	170.0	180.0
GZ m	-	-	-	-	0.861	1.741	2.642	3.502	4.201	4.521	4.556	4.379	3.978	3.432	2.798	2.133	1.512	0.980	0.601	0.532	0.326	0.009
Area under GZ curve from zero heel m.deg	39.7378	17.6417	4.4500	0.0000	4.2572	17.2513	39.1652	69.9496	108.7074	152.6209	198.1955	243.0566	285.0003	322.1436	353.3487	377.9985	396.1613	408.5457	416.1993	421.7745	426.2288	427.9392
Displacement t	7610	7610	7610	7610	7609	7610	7610	7610	7610	7610	7610	7611	7610	7610	7610	7610	7610	7610	7610	7610	7610	7610
Draft at FP m	5.452	5.650	5.741	5.768	5.747	5.667	5.478	5.100	4.410	3.415	1.693	-	n/a	-	-	-	-	-	-	-	-	-
Draft at AP m	5.300	5.471	5.555	5.585	5.552	5.462	5.288	4.876	4.006	2.631	0.032	-	n/a	-	-	-	-	-	-	-	-	-
WL Length m	121.109	121.128	120.978	120.405	120.977	121.134	121.111	121.068	121.375	122.045	122.026	122.513	122.931	123.345	123.592	123.188	122.763	122.629	122.597	122.591	122.623	122.634
Beam max extents on WL m	18.510	17.794	17.119	16.887	17.119	17.794	18.512	17.794	16.261	14.581	13.596	12.891	12.568	12.635	13.104	14.052	15.639	16.381	17.589	17.890	17.098	16.850
Wetted Area m²	2546.853	2524.349	2517.811	2523.692	2513.372	2515.392	2532.466	2539.367	2569.233	2590.698	2598.158	2623.282	2606.822	2607.537	2660.918	2678.344	2714.210	2788.561	2909.169	2903.695	2913.254	2917.932
Waterpl. Area m²	1852.384	1802.583	1770.521	1770.722	1769.805	1801.341	1851.148	1875.160	1777.698	1631.834	1542.481	1456.898	1390.941	1380.380	1413.225	1490.028	1608.860	1740.963	1939.067	2020.583	1946.646	1922.183
Prismatic coeff. (Cp)	0.746	0.725	0.715	0.714	0.714	0.725	0.745	0.765	0.776	0.782	0.790	0.796	0.801	0.808	0.818	0.837	0.864	0.888	0.888	0.882	0.875	0.872
Block coeff. (Cb)	0.429	0.490	0.591	0.634	0.591	0.490	0.429	0.429	0.474	0.544	0.614	0.697	0.752	0.654	0.579	0.518	0.464	0.450	0.447	0.504	0.639	0.851
LCB from zero pt. (+ve fwd) m	3.881	3.879	3.879	3.875	3.879	3.870	3.879	3.879	3.875	3.870	3.863	3.853	3.848	3.850	3.855	3.866	3.888	3.908	3.927	3.919	3.930	3.933
LCF from zero pt. (+ve fwd) m	3.702	4.461	5.129	5.615	5.143	4.483	3.723	2.551	1.260	0.004	0.785	0.510	-	0.579	1.238	1.774	2.305	2.762	3.003	3.070	2.987	2.853
Max deck inclination deg	30.001	20.002	10.004	0.0864	10.004	20.002	30.001	40.001	50.001	60.002	70.002	80.001	90.000	99.999	109.998	119.999	130.000	139.998	149.998	159.997	169.992	179.594
Trim angle (+ve by stern) deg	0.0715	0.0842	0.0877	0.0864	0.0922	0.0966	0.0893	0.1059	0.1905	0.3697	0.7829	1.6776	n/a	1.7606	0.7176	0.2973	0.0094	0.1925	0.3227	0.3248	0.3847	0.4051

Key point	Type	Immersion angle deg	Emergence angle deg
Margin Line (immersion pos = 37.925 m)		10.9	n/a
Deck Edge (immersion pos = 37.925 m)		11.4	n/a

Code	Criteria	Value	Units	Actual	Status	Margin %
A.749(18) Ch3 - Design criteria applicable to all ships	3.1.2.1: Area 0 to 30	3.1513	m.deg	39.1652	Pass	+1142.83

Code	Criteria	Value	Units	Actual	Status	Margin %
A.749(18) Ch3 - Design criteria applicable to all ships	3.1.2.1: Area 0 to 40	5.1566	m.deg	69.9496	Pass	+1256.51
A.749(18) Ch3 - Design criteria applicable to all ships	3.1.2.1: Area 30 to 40	1.7189	m.deg	30.7844	Pass	+1690.94
A.749(18) Ch3 - Design criteria applicable to all ships	3.1.2.2: Max GZ at 30 or greater	0.200	m	4.569	Pass	+2184.50
A.749(18) Ch3 - Design criteria applicable to all ships	3.1.2.3: Angle of maximum GZ	25.0	deg	66.4	Pass	+165.46
A.749(18) Ch3 - Design criteria applicable to all ships	3.1.2.4: Initial GMT	0.150	m	5.005	Pass	+3236.67
A.749(18) Ch3 - Design criteria applicable to all ships	3.1.2.5: Passenger crowding: angle of equilibrium	10.0	deg	0.1	Pass	+98.89
A.749(18) Ch3 - Design criteria applicable to all ships	3.1.2.6: Turn: angle of equilibrium	10.0	deg	0.1	Pass	+98.89
A.749(18) Ch3 - Design criteria applicable to all ships	3.2.2: Severe wind and rolling				Pass	
	Angle of steady heel shall not be greater than ($\leq$)	16.0	deg	0.6	Pass	+96.56
	Angle of steady heel / Deck edge immersion angle shall not be greater than ($\leq$)	80.00	%	4.83	Pass	+93.96
	Area1 / Area2 shall not be less than ($\geq$)	100.00	%	380.93	Pass	+280.93