



#### TANK CAPACITIES

Compartment	Volume	Weight	VCG	LCG	TCG	Mom.in.T	S.W.
Forepeak	701	106.630	109.295	4.452	102.204	0.000	75.460
DB/side tank 1 center	710	255.448	261.834	4.371	95.488	-0.068	822.040
DB/side tank 2 PS	712	168.886	173.108	2.837	76.599	-5.079	303.169
DB/side tank 2 SB	713	168.886	173.108	2.837	76.599	5.079	303.169
DB/side tank 3 PS	724	160.592	164.607	2.822	65.896	-5.089	291.712
DB/side tank 3 SB	725	160.592	164.607	2.822	65.896	5.089	291.712
DB/side tank 4 PS	726	151.146	154.924	2.822	55.782	-5.089	274.575
DB/side tank 4 SB	727	151.146	154.924	2.822	55.782	5.089	274.575
DB/side tank 5 PS	714	170.038	174.289	2.822	45.361	-5.089	308.888
DB/side tank 5 SB	715	170.038	174.289	2.822	45.361	5.089	308.888
DB/side tank 6 PS	716	169.809	174.054	2.826	34.332	-5.087	308.080
DB/side tank 6 SB	717	169.809	174.054	2.826	34.332	5.087	308.080
DB tank 7 PS	718	72.666	74.483	0.543	22.541	-2.773	313.179
DB tank 7 SB	719	72.666	74.483	0.543	22.541	2.773	313.179
Aftpeak	722	111.054	113.830	5.493	1.197	0.000	1076.889
Compartment	Volume	Weight	VCG	LCG	TCG	Mom.in.T	S.W.
Freshwater tank PS	730	22.847	22.847	5.113	2.781	-1.426	5.543
Freshwater tank SB	731	22.847	22.847	5.113	2.781	1.426	5.543
Compartment	Volume	Weight	VCG	LCG	TCG	Mom.in.T	S.W.
HFO side bunker tank PS	740	105.310	103.204	4.642	22.766	-6.369	2.035
HFO side bunker tank SB	741	105.310	103.204	4.642	22.766	6.369	2.035
HFO bunker tank PS	742	51.237	50.622	2.973	15.172	-4.867	14.899
HFO bunker tank SB	743	51.237	50.622	2.973	15.172	4.823	15.393
HFO bunker tank PS	744	34.316	33.630	2.973	15.404	-0.000	6.419
HFO settling tank	745	19.455	19.066	3.750	14.850	-0.707	3.326
HFO daily service tank	746	9.728	9.533	3.750	14.850	1.414	0.416
HFO overflow tank	747	15.764	15.448	5.436	15.656	0.000	16.209
Compartment	Volume	Weight	VCG	LCG	TCG	Mom.in.T	S.W.
Gasoil bunker tank SB	750	28.475	24.203	4.396	7.666	5.134	11.383
Gasoil daily serv.tank	751	7.302	6.207	5.000	6.321	-5.506	1.524
Spare daily serv.tank	752	6.601	5.611	5.961	7.408	-0.000	0.850
Daily serv.tank emer.gen.	753	2.405	2.044	10.465	7.159	2.665	0.020
Compartment	Volume	Weight	VCG	LCG	TCG	Mom.in.T	S.W.
Tub oil circ.tank M.E.	760	4.067	3.741	0.620	10.050	0.000	0.492
Tub oil tank M.E.	761	10.496	9.656	0.178	3.140	-5.476	2.493
Tub oil tank Aux.engines	762	2.663	2.450	0.030	7.125	-0.039	0.154
Tub oil tank red.gear	763	2.663	2.450	0.030	7.175	-0.039	0.154
Compartment	Volume	Weight	VCG	LCG	TCG	Mom.in.T	S.W.
Hydraulic oil tank	770	2.663	2.397	5.030	8.425	-5.039	0.154
Sewage tank	771	17.750	2.767	10.530	4.474	16.316	1.000
Cooling water drain tank	772	0.871	0.871	0.569	12.329	-1.255	0.292
Clean leakoil tank	773	0.871	0.871	0.569	12.329	-1.255	0.292
Dirty oil tank SB	774	4.455	4.010	0.585	9.973	1.093	0.972
Sludge tank	775	10.659	10.659	2.776	10.431	6.471	1.000
Sludge collecting tank	777	12.847	12.847	5.154	5.214	5.481	3.004
Aftpeak cooling tank	778	3.624	3.624	1.860	3.646	-0.000	0.262
Dirty oil tank PS	796	4.455	4.010	0.585	9.973	-1.093	0.972

#### HOLD CAPACITIES

Compartment	Volume	Weight	VCG	LCG	TCG	Mom.in.T	S.W.
Cargo hold 1 Fr.111-156 820	2610.636	-	5.595	81.306	0.000	2890.987	-
Cargo hold 2 Fr. 26-109 830	5336.152	-	5.560	41.990	0.000	6451.344	-
Grainhold 26-45.5	1239.882	-	5.560	22.461	0.000	1498.378	-
Grainhold 26-64	2429.213	-	5.560	28.131	0.000	2935.768	-
Grainhold 26-82	3596.449	-	5.560	33.648	0.000	4334.654	-
Grainhold 26-96	4486.523	-	5.560	37.939	0.000	5423.493	-
Grainhold 26-109.5	1191.840	-	5.560	22.460	0.000	1442.757	-
Grainhold 26-141	2393.171	-	5.560	28.551	0.000	2880.095	-
Grainhold 26-182	3540.407	-	5.560	33.868	0.000	4278.981	-
Grainhold 26-196	4440.481	-	5.560	38.159	0.000	5367.821	-
Grainhold 26-109	5290.110	-	5.560	42.209	0.000	6395.671	-
Grainhold 45-64	1161.643	-	5.560	45.362	0.000	6356.684	-
Grainhold 45-96	3238.953	-	5.560	43.982	0.000	3890.389	-
Grainhold 45-109	4068.979	-	5.560	48.033	0.000	4918.099	-
Grainhold 64-82	1129.549	-	5.560	45.361	0.000	1365.053	-
Grainhold 64-96	2029.623	-	5.560	49.652	0.000	2452.997	-
Grainhold 64-109	2879.250	-	5.560	53.703	0.000	3479.766	-
Grainhold 82-96	872.386	-	5.560	55.169	0.000	1054.273	-
Grainhold 82-109	1722.013	-	5.560	58.200	0.000	2081.126	-
Grainhold 96-109	821.939	-	5.560	63.510	0.000	993.318	-
Grainhold 111-125	886.200	-	5.560	72.880	0.000	1071.004	-
Grainhold 111-141	1909.641	-	5.560	77.759	0.000	2307.908	-
Grainhold 125-141	985.273	-	5.560	82.116	0.000	1203.332	-
Grainhold 125-156	1696.718	-	5.614	85.774	0.000	1766.377	-
Grainhold 141-156	673.307	-	5.695	91.134	0.000	549.595	-

M.V. HARUN

call sign: 5BEN5

#### Main Particulars

Loa 110.78 m  
 Lpp 105.48 m  
 B mid 14.00 m  
 T max 8.13 m  
 H 6.51 m  
 Deadweight corresp. 6665 t  
 Hold capacity grain 7949 m³  
 Hold capacity grain (100%) 208805 cuft.

#### CLASS NOTATION

DNV GL  
 + 1A General dry cargo ship  
 Container EO  
 Ice (1A) Strengthened (IB)

22-04-2020

DATE

DRAWN R. B. W. / M. J. v.d. A. / J. v.d. A.

YARD NO. 381

SCALE 1/150

CHECKED

BRUG. NL 62001-7

DRAWN R. B. W. / M. J. v.d. A. / J. v.d. A.

BRUG. NL 62001-7

DATE 25-05-05

SCALE 1/150

CHECKED

BRUG. NL 62001-7

DRAWN R. B. W. / M. J. v.d. A. / J. v.d. A.

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