

CAPACITY OF FW BALLAST / SW BALLAST TANKS									
T.NO	COMPARTMENTS	FRAME	VOLUME (m ³)	DENSITY (ton/m ³)	WEIGHT (ton)	L.C.G. (m)	T.C.G. (m)	V.C.G. (m)	Max. F.S.L (mm)
120	FORE PEAK SEA WATER BALLAST T.K.	146-151	97.963	1.025	100.412	106.120	0.000	4.500	23.517
121	FRESH WATER BALLAST T.K. 1(C)	123-142	69.600	1.000	69.600	12.400	0.000	0.700	133.171
122	FRESH WATER BALLAST TANK 2(P)	101-123	51.979	1.000	51.979	76.810	-4.200	0.710	47.707
123	FRESH WATER BALLAST TANK 2(S)	101-123	51.979	1.000	51.979	76.810	-4.200	0.710	47.707
124	FRESH WATER BALLAST TANK 2(S)	101-123	51.979	1.000	51.979	76.810	-4.200	0.710	47.707
125	FRESH WATER BALLAST TANK 3(P)	83-101	76.422	1.000	76.422	64.310	-5.100	0.600	132.004
126	FRESH WATER BALLAST TANK 3(S)	83-101	76.422	1.000	76.422	64.310	-5.100	0.600	132.004
127	FRESH WATER BALLAST TANK 4(P)	66-83	74.260	1.000	74.260	52.110	-5.100	0.620	133.171
128	FRESH WATER BALLAST TANK 4(S)	66-83	74.260	1.000	74.260	52.110	-5.100	0.620	133.171
129	FRESH WATER BALLAST TANK 5(P)	41-66	94.507	1.000	94.507	38.200	-4.010	0.600	170.024
130	FRESH WATER BALLAST TANK 5(S)	41-66	94.507	1.000	94.507	38.200	-4.010	0.600	170.024
131	FRESH WATER SIDE BALLAST T.K. 1(P)	123-142	130.530	1.000	130.530	91.402	-5.540	5.800	13.37
132	FRESH WATER SIDE BALLAST T.K. 1(P)	123-142	130.530	1.000	130.530	91.402	-5.540	5.800	13.37
133	FRESH WATER SIDE BALLAST T.K. 2(P)	101-113	76.530	1.000	76.530	74.963	-7.001	5.001	7.400
134	FRESH WATER SIDE BALLAST T.K. 2(S)	101-113	76.530	1.000	76.530	74.963	-7.001	5.001	7.400
135	FRESH WATER SIDE BALLAST T.K. 3(P)	83-101	76.530	1.000	76.530	64.310	-8.300	5.500	1.693
136	FRESH WATER SIDE BALLAST T.K. 3(S)	83-101	76.530	1.000	76.530	64.310	-8.300	5.500	1.693
137	FRESH WATER SIDE BALLAST T.K. 4(P)	66-83	74.260	1.000	74.260	52.110	-8.300	5.501	1.693
138	FRESH WATER SIDE BALLAST T.K. 4(S)	66-83	74.260	1.000	74.260	52.110	-8.300	5.501	1.693
139	FRESH WATER SIDE BALLAST T.K. 5(P)	41-66	94.507	1.000	94.507	38.200	-8.300	5.501	1.693
140	FRESH WATER SIDE BALLAST T.K. 5(S)	41-66	94.507	1.000	94.507	38.200	-8.300	5.501	1.693
141	FRESH WATER SIDE BALLAST T.K. 6(P)	23-37	32.900	0.970	31.921	31.010	-4.010	4.170	18.300
142	FRESH WATER SIDE BALLAST T.K. 6(S)	23-37	32.900	0.970	31.921	31.010	-4.010	4.170	18.300
143	FRESH WATER SIDE BALLAST T.K. 7(P)	9-14	13.100	0.970	12.700	8.300	-4.010	7.300	17.120
144	FRESH WATER SIDE BALLAST T.K. 7(S)	9-14	13.100	0.970	12.700	8.300	-4.010	7.300	17.120
145	FRESH WATER SIDE BALLAST T.K. 8(P)	28-35	8.600	0.970	8.342	22.410	-3.070	0.700	4.242
146	FRESH WATER SIDE BALLAST T.K. 8(S)	28-35	8.600	0.970	8.342	22.410	-3.070	0.700	4.242
147	FRESH WATER SIDE BALLAST T.K. 9(P)	42-49	10.500	0.970	10.185	31.911	-3.870	5.100	22.660
148	FRESH WATER SIDE BALLAST T.K. 9(S)	42-49	10.500	0.970	10.185	31.911	-3.870	5.100	22.660
TOTAL			100.207		100.146				

CAPACITY OF HFO TANKS									
T.NO	COMPARTMENTS	FRAME	VOLUME (m ³)	DENSITY (ton/m ³)	WEIGHT (ton)	L.C.G. (m)	T.C.G. (m)	V.C.G. (m)	Max. F.S.L (mm)
150	HFO BUNKER TANK 1(P)	41-45	60.746	0.970	58.934	43.730	-1.300	1.100	11.660
151	HFO BUNKER TANK 1(S)	41-45	60.746	0.970	58.934	43.730	-1.300	1.100	11.660
152	HFO BUNKER TANK 2(P)	42-49	124.150	0.970	120.426	31.911	-5.870	5.520	22.660
153	HFO BUNKER TANK 2(S)	42-49	124.150	0.970	120.426	31.911	-5.870	5.520	22.660
154	HFO BUNKER TANK 3(P)	31-39	20.301	0.970	19.691	27.204	-5.870	5.520	22.660
155	HFO BUNKER TANK 3(S)	31-39	20.301	0.970	19.691	27.204	-5.870	5.520	22.660
156	HFO BUNKER TANK 4(P)	27-37	32.900	0.970	31.921	31.010	-4.010	4.170	18.300
157	HFO BUNKER TANK 4(S)	27-37	32.900	0.970	31.921	31.010	-4.010	4.170	18.300
158	HFO BUNKER TANK 5(P)	9-14	13.100	0.970	12.700	8.300	-4.010	7.300	17.120
159	HFO BUNKER TANK 5(S)	9-14	13.100	0.970	12.700	8.300	-4.010	7.300	17.120
160	HFO BUNKER TANK 6(P)	28-35	8.600	0.970	8.342	22.410	-3.070	0.700	4.242
161	HFO BUNKER TANK 6(S)	28-35	8.600	0.970	8.342	22.410	-3.070	0.700	4.242
162	HFO BUNKER TANK 7(P)	42-49	10.500	0.970	10.185	31.911	-3.870	5.100	22.660
163	HFO BUNKER TANK 7(S)	42-49	10.500	0.970	10.185	31.911	-3.870	5.100	22.660
TOTAL			523.381		507.415				

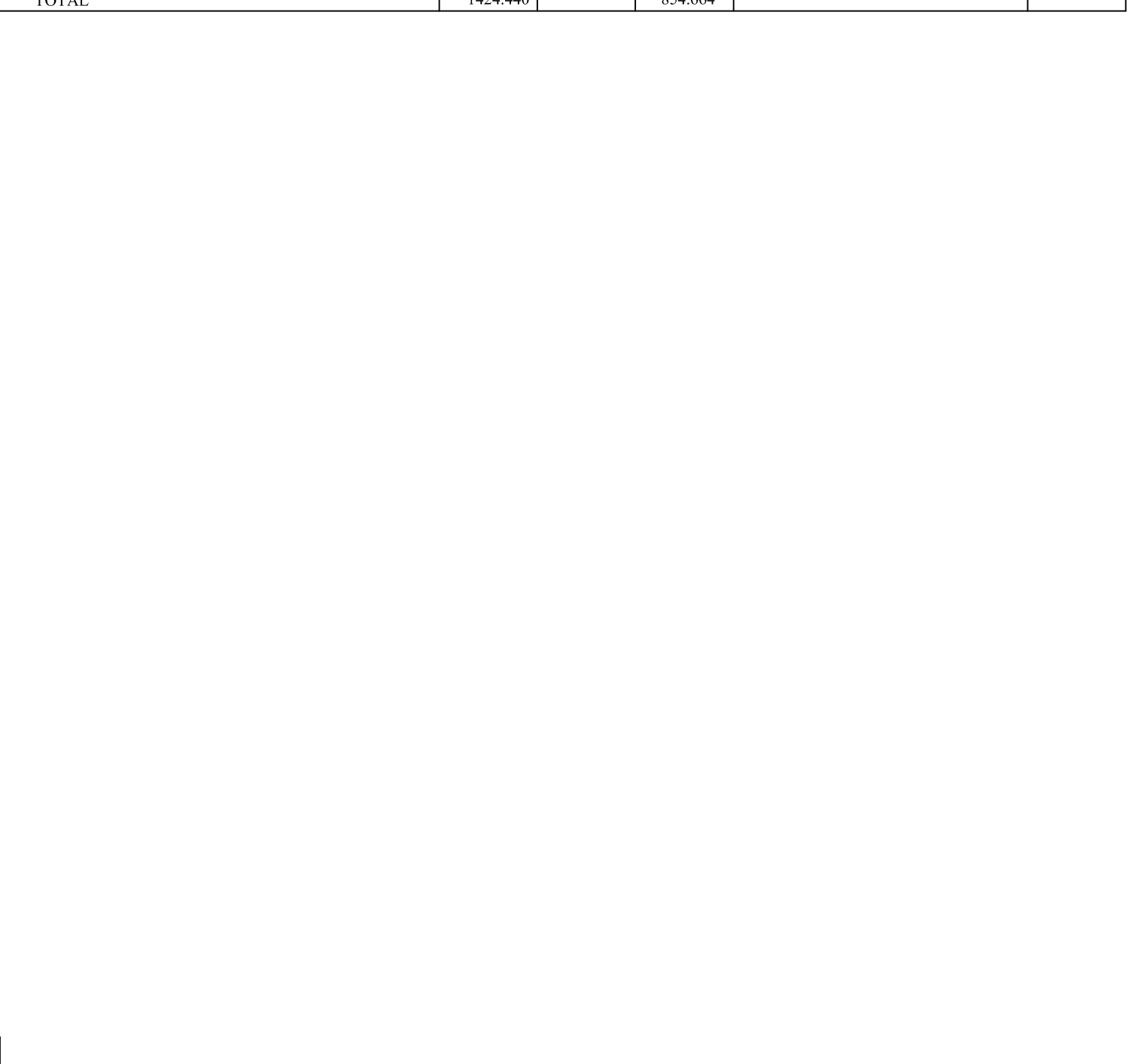
CAPACITY OF MDO TANKS									
T.NO	COMPARTMENTS	FRAME	VOLUME (m ³)	DENSITY (ton/m ³)	WEIGHT (ton)	L.C.G. (m)	T.C.G. (m)	V.C.G. (m)	Max. F.S.L (mm)
170	MDO BUNKER TANK P	22-39	9.600	0.880	8.448	18.500	0.000	1.200	1.200
171	MDO BUNKER TANK S	14-21	21.712	0.880	19.107	12.700	-3.800	5.100	20.650
172	MDO BUNKER TANK P	21-26	22.600	0.880	19.888	18.954	0.500	4.900	21.977
173	MDO SERVICE TANK P	9-14	13.100	0.880	11.528	8.100	-5.300	7.800	1.660
174	SECONDARY SYSTEM SERVICE T.S.	(1)-6	12.870	0.880	11.326	1.700	4.075	15.710	0.170
TOTAL			79.882		70.290				

CAPACITY OF LUB OIL TANKS									
T.NO	COMPARTMENTS	FRAME	VOLUME (m ³)	DENSITY (ton/m ³)	WEIGHT (ton)	L.C.G. (m)	T.C.G. (m)	V.C.G. (m)	Max. F.S.L (mm)
175	CIRCULATION TANK CENTER	22-32	9.600	0.880	8.448	18.500	0.000	1.200	1.200
176	LUBRIL OIL STORAGE T.K. FINE	14-21	21.712	0.880	19.107	12.700	-3.800	5.100	20.650
177	LUBRIL OIL STORAGE T.K. AUX. DIESEL P	35-39	4.530	0.880	4.000	25.000	-8.200	7.300	0.440
178	LUBRIL OIL STORAGE T.K. GEAR P	28-30	1.000	0.880	0.880	20.000	-8.270	7.270	0.112
179	LUBRIL OIL T.K. F	30-34	4.400	0.880	3.872	22.410	-8.200	7.500	0.440
180	LUBRIL OIL STORAGE T.K. ME 2	40-41	4.170	0.880	3.668	21.111	-8.351	5.114	0.030
181	LUBRIL OIL STORAGE T.K. ME 3	40-41	4.170	0.880	3.668	21.111	-8.351	5.114	0.030
182	LUBRIL OIL STORAGE T.K. ME 4	40-41	4.170	0.880	3.668	21.111	-8.351	5.114	0.030
183	LUBRIL OIL STORAGE T.K. ME 5	40-41	4.170	0.880	3.668	21.111	-8.351	5.114	0.030
184	LUBRIL OIL STORAGE T.K. ME 6	40-41	4.170	0.880	3.668	21.111	-8.351	5.114	0.030
TOTAL			70.844		62.800				

CAPACITY OF FRESH WATER TANKS									
T.NO	COMPARTMENTS	FRAME	VOLUME (m ³)	DENSITY (ton/m ³)	WEIGHT (ton)	L.C.G. (m)	T.C.G. (m)	V.C.G. (m)	Max. F.S.L (mm)
170	FRESH WATER TANK 3P	0-12	84.740	1.000	84.740	1.000	-2.900	6.900	10.700
171	FRESH WATER TANK 2S	0-12	84.740	1.000	84.740	1.000	-2.900	6.900	10.700
TOTAL			169.480		169.480				

CAPACITY OF OTHER TANKS									
T.NO	COMPARTMENTS	FRAME	VOLUME (m ³)	DENSITY (ton/m ³)	WEIGHT (ton)	L.C.G. (m)	T.C.G. (m)	V.C.G. (m)	Max. F.S.L (mm)
185	THERMAL OIL TANK 1P	18-15	2.612	0.880	2.299	10.100	-1.800	4.700	0.331
186	THERMAL OIL TANK 2P	15-17	4.104	0.880	3.591	11.110	-2.100	4.010	0.233
187	SLUDGE TANK	30-34	20.070	0.880	17.662	22.400	-8.400	1.400	0.000
188	SLUDGE TANK S	14-20	19.210	1.000	19.210	12.010	3.800	5.200	25.000
189	WASTE OIL TANK P	27-29	14.250	0.880	12.540	17.500	-7.100	7.400	5.000
190	WASTE OIL TANK S	35-37	2.845	0.880	2.503	25.000	0.000	0.000	0.000
191	COOLING WATER DRAIN TANK C	1-3	1.568	0.880	1.380	1.200	-1.000	27.400	0.110
192	CY BUNKER OIL DRY T.K. P	31-33	6.401	0.880	5.633	22.000	-2.500	7.100	0.000
193	BLUE WATER CELL S	37-41	8.341	1.000	8.341	27.410	3.600	0.000	0.000
194	SEWAGE TANK FOR CARGO 1S	113-123	48.260	1.000	48.260	81.995	-7.146	4.956	6.950
195	SEWAGE TANK FOR CARGO 1S	113-123	48.260	1.000	48.260	81.995	-7.146	4.956	6.950
196	SEWAGE TANK FOR CARGO 2P	41-52	43.050	1.000	43.050	12.440	-8.278	6.208	1.400
197	SEWAGE TANK FOR CARGO 2S	41-52	43.050	1.000	43.050	12.440	-8.278	6.208	1.400
TOTAL			200.180		200.180				

CAPACITY OF SILO									
T.NO	COMPARTMENTS	FRAME	VOLUME (m ³)	DENSITY (ton/m ³)	WEIGHT (ton)	L.C.G. (m)	T.C.G. (m)	V.C.G. (m)	Max. F.S.L (mm)
170	SILO P	125-142	712.220	0.6	427.332	92.401	-2.450	8.355	0.000
171	SILO S	125-142	712.220	0.6	427.332	92.401	-2.450	8.355	0.000
TOTAL			1424.440		854.664				



MAIN PARTICULARS
LENGTH OVERALL = 115.35 m.
LENGTH BETWEEN PERPENDICULARS = 108.00 m.
BREADTH MOLDED = 17.00 m.
DEPTH TO MAIN DECK = 8.80 m.
DEADWEIGHT (SUMMER) = 7,170 m.
IMO NO. = 9008007
CLASS : BUREAU VERITAS - 1 + HULL + MACH, UNRESTRICTED NAVIGATION
LIVE STOCK CARRIER, + AUT-UMS

1	02.02.2015	G.G.	UPDATED	R.S.G.	
NO.	DATE	REVISED BY	REVISION	CHECKED BY	
PROJECT: MAVI EGE MÜHENDISLIK LTD. STI					
TITLE: M/V HAIDAR LIVE STOCK CARRIER					
OWNER: TAMARA SHIPPING					
DESIGNED BY: GÖKHAN GÖKE					
CAD/CAE: YUNUS KESKİN					
CONTROL: GÖKHAN GÖKE					
SHIPYARD: SEFINE SHIPYARD / YALOVA / TURKEY					
HULL NO.	CLASS	DATE	SCALE	DRWN	SHEET
-	B.V.	10.01.2015	1/100	LSCI-M-07	01/01