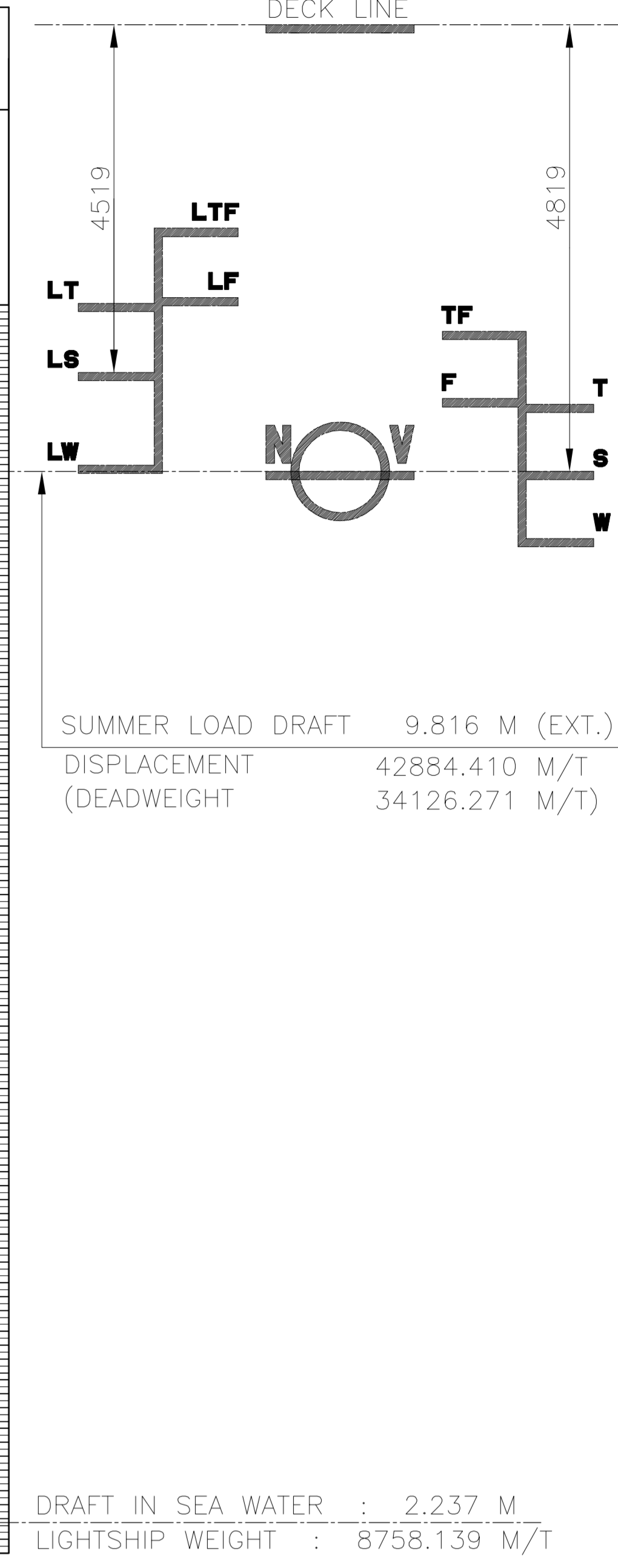
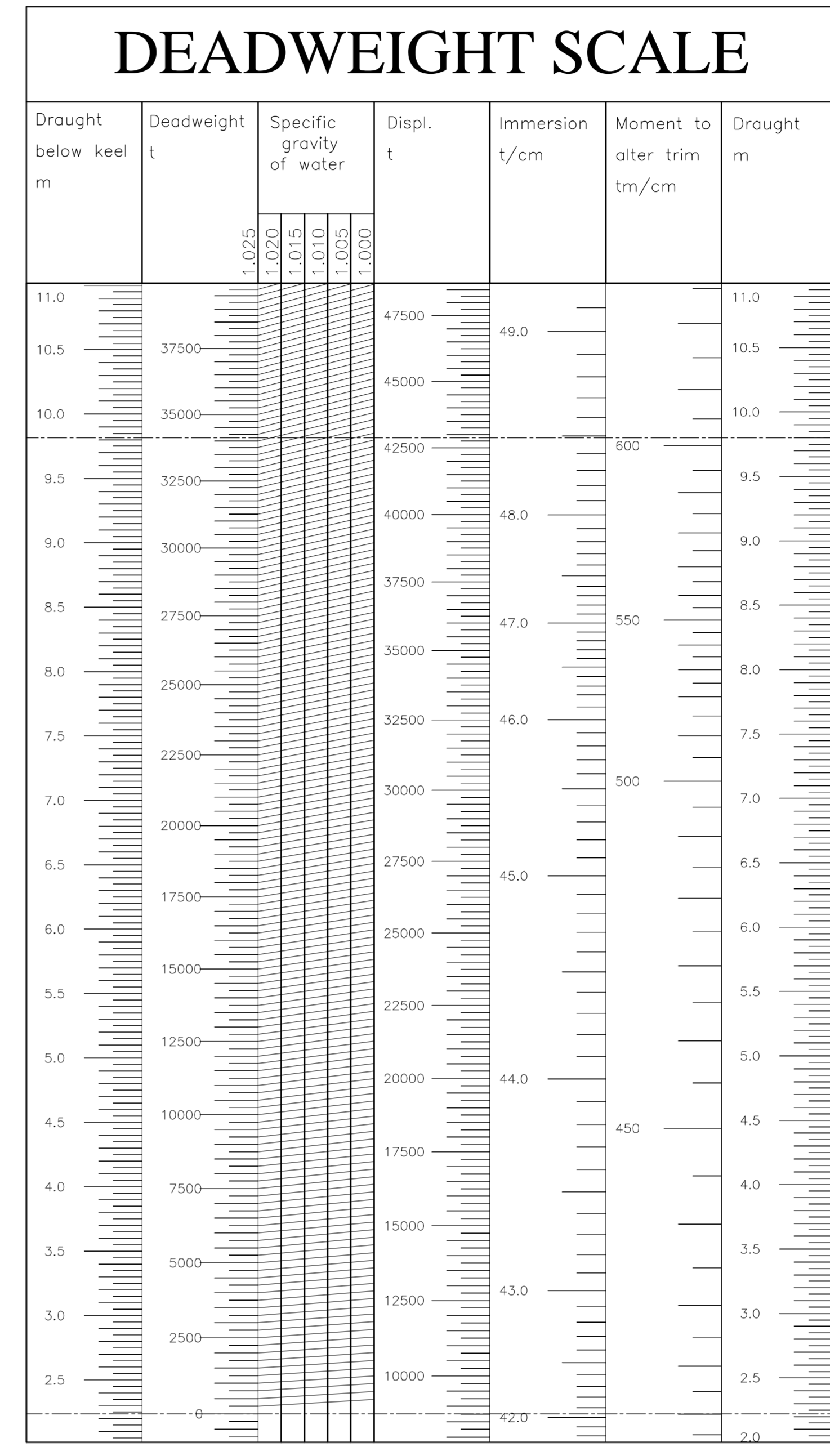
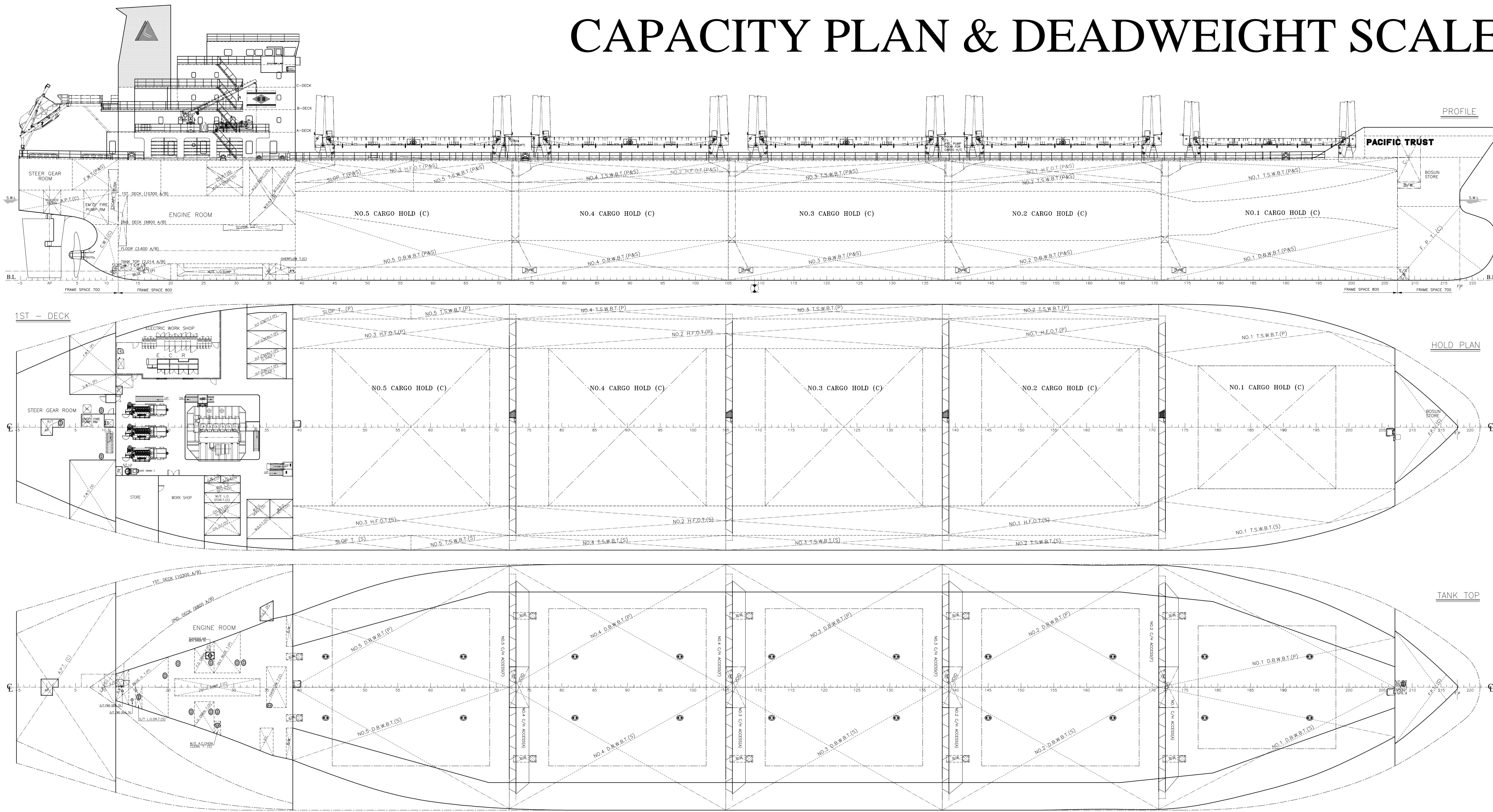


CAPACITY PLAN & DEADWEIGHT SCALE

BIBLIOGRAPHY			
DATE	REV.	DESCRIPTION	
2010. 07. 30.	FINAL	1. FINAL DRAWING FOR S-1003.	



MAIN ENGINE			
MAKE :	HYUNDAI HEAVY INDUSTRIES CO., LTD.		
TYPE :	2-STROKE, SINGLE ACTING, DIRECT REVERSIBLE, CROSS HEAD WITH TURBO CHARGER		
AIR COOLER :	NON EMSSION APPROVED TYPE		
MODEL :	6E40MC-C RATING : 7400KW X 129 RPM		
DIESEL GENERATOR			
MAKE :	HYUNDAI HEAVY INDUSTRIES CO., LTD.		
TYPE :	FOUR CYCLE, SINGLE ACTING, TRUNK PISTON		
WATER COOLED :	NON EMMISSION APPROVED TYPE		
RATING :	645 KW X 800 RPM EACH		
MODEL :	HYUNDAI HM5EN 6H17/28		
EM'CY GENERATOR ENGINE			
MAKE :	57V ENGINE CO., LTD.		
TYPE :	FOUR CYCLE, SINGLE ACTING, TRUNK PISTON		
WATER COOLED :	NON EMMISSION APPROVED TYPE		
RATING :	125 KW X 1800 RPM		
CAPACITY :	1600 LTR/H. MODEL : F1605		
SHORE CONNECTION			
ON :	B-DECK IN EM'CY GEN. ROOM. ELEC. POWER : 400V 3PH 4W 50Hz		
NO :	440V 3PH 4W 50Hz. PHONE : EM'CY GEN. ROOM. F.C.S		
STEERING GEAR			
MAKE :	2 - HANSLA 4 CYLINDERS RAMSON-SLEEVE TYPE		
TYPE :	F2E1-580/77 TORQUE : 11677.1 N.M. MAKE : FLUTEK, LTD.		
TONNAGE			
INTER NATIONAL	226.56	NET	11603
SUEZ	226.56	NET	11603
PANAMA	226.56	NET	11603
LOAD COMPUTER			
MAKE :	TECHMARINE S/W CO., LTD.		
HARD WARE :	HP-D6700PCMT		
SOFT WARE :	SHIP MANAGER-BB (A-11562)		
MOORING PART :	WINDLASS 10 TON		
MOORING LINE :	12 x 15 m/min. LIGHT LINE SPEED : 45 m/min.		

VENTILATION	
ACCOMMODATIONS	
NAT. SUPPLY FOR FIRE CONTROL STATION, NAT. SUPPLY FOR DRY PROVISION STORE, NAT. VENT FOR GARBAGE STORE, MECH. EXHAUST FOR DRY PROVISION STORE, MECH. EXHAUST FOR SANITARY, NAT. SUPPLY FOR COO ROOM, MECH. EXHAUST FOR COO ROOM, FRESH AIR INTAKE FOR FAN COOL UNIT, MECH. EXHAUST FOR HOSPITAL, NAT. EXHAUST FOR CREEPER'S MESS ROOM, NAT. EXHAUST FOR OFFICERS' MESS ROOM, FRESH AIR INTAKE FOR A/C, NAT. SUPPLY FOR GALLEY, NAT. SUPPLY FOR GALLEY, NAT. SUPPLY FOR DECK GENERATOR, EXHAUST FOR DECK GENERATOR ROOM, NAT. VENT FIRE LOCKER, NAT. EXHAUST FOR BATTERY ROOM, WHEEL HOUSE & CHART ROOM SPACE EXHAUST(S), NAT. EXHAUST FOR DINING/SLEEP CREW CABIN, NAT. EXHAUST FOR TALLY OFFICE	
CARGO HOLDS	
MECHANICAL VENTL. FOR CARGO HOLDS : CAPACITY FOR 6 AIR CHANGES / HOURS	
ENGINE ROOM	
1) ENGINE ROOM FAN TYPE AXIAL FLOW (S-REVERSIBLE, 2-NON REVERSIBLE TYPE)	
CAPACITY : 50M ³ /MIN X 400mm X 150W	
2) EM'CY GEN. ROOM FAN TYPE AXIAL FLOW, NON-REVERSIBLE TYPE	
CAPACITY : 50M ³ /MIN X 250mm X 150W	
3) PURIFIER ROOM FAN TYPE AXIAL FLOW, NON-REVERSIBLE TYPE	
CAPACITY : 50M ³ /MIN X 250mm X 150W	
4) HATCH COVER FAN TYPE AXIAL FLOW, NON-REVERSIBLE TYPE	
CAPACITY : 50M ³ /MIN X 250mm X 370W	
ANCHORS	
THREE PATENT STOCKLESS ANCHORS. QUALITY : K3, CHAIN : 66mm	
ONE OF THESE FOR SPARE TWO CHAIN CABLES. LENGTH : 302.5m EACH	
MOORING WINCHES	
TWO ELECTRICALLY DRIVEN SELF-TENSIONING MOORING WINCHES	
EACH FITTED WITH A DRUM AND WARPING END. MAKE : FLUTEK, LTD	
PULL AND SPEED 1ST LAYER : 12x15m/min. LIGHT LINE SPEED : 0-45 m/min	
ANCHOR WINCHES	
TWO ELECTRICALLY DRIVEN COMBINED WINDLASSES SELF-TENSIONING MOORING WINCHES. MAKE : FLUTEK, LTD. WINDLESS PART, NOMINAL CHAIN PULL : 20.7 T	
CHAIN SPEED NOT LESS THAN : 9 m/min. MAX. CHAIN PULL : 31.1 T	
MOORING PART : PULL AND SPEED 1ST LAYER : 12 x 15 m/min. LIGHT LINE SPEED : 45 m/min.	

PROPELLER	
MAKE :	HAE YANG METAL MFG. CO. TYPE : FIXED PITCH PROPELLER
NO. OF BLADE :	FOUR(4) DIAMETER 5750 & MATERIAL : NICKEL ALUMINUM BRONZE
HATCH COVERS	
MAKE :	MARUDORU MAKE. WEATHER DECK HATCHES, HATCH NO. 1, 2, 3, 4, 5
WEIGHT :	NO.1 8.137 ton, NO.2 13.23 ton, NO.3 13.795 ton, NO.4 13.29 ton, NO.5 13.2 ton. FOUR PANELS PER ONE HATCH.
MANNULY OPERATED SNAP LOCK :	FALLING DOWN SYSTEM OF TRAVELING WHEEL - FOLDING UP BY EXTERNAL HYDRAULIC CYLINDER
RADIO NAVIGATING EQUIPMENT	
AUTO PILOT(YOKOHAMA) :	PT500A-K-K2, GYRO COMPASS(YOKOHAMA) : CM2005
RADAR(JRC) :	S-BAND, JMW-0152-SA & X-BAND, JMW-9122-3X4
MAGNETIC COMPASS(SAUR) :	SM-165, DGPS NAVIGATOR(JRC) : JN-7800
ECHO SOUNDER(MIC) :	UTE-680, DOPPLER SPEED LOGGER(JUN) : JNM-205
WEATHER DATA RECORDER(JRC) :	JCY-1800, AUTOMATIC IDENTIFICATION(JRC) : JHS-182
WEATHER FACSIMILE RECEIVER(JRC) :	JAX-90, NAVTEX RECEIVER(JRC) : NCR-333
RND INDICATING(SHONKEN) :	AT-205, SHIP'S WHISTLE SYSTEM(SARACO) : HC-7123
M/F/H RADIO EQUIPMENT(JRC) :	JSS-296, VHF RADIO TEL. NO.1&2(JRC) : JHS-7705
INMARSAT-C WITH SSAS & LRIT(JRC) :	JUE-85, INMARSAT-F(BUR) : JUE-600
COMMUNAL AERIAL(HASHING) :	NCA-1245, EM'CY POS.ND.RADIO BEACON(JRC) : JHS-7
UHF ON-BOARD TRANSECEIVER(JRC) :	JHS-430, ECDIS(JRC) : JAN-9018
9 GHz RADAR TRANSDUCER(JRC) :	TRON SART20

CARGO HOLDS					
COMPARTMENT	LOCATION (FRAME)	CAPACITY (M ³)	L. C. G.	V. C. G.	
		100%FULL	(T)	(M)	
NO.1 CARGO (C)	171-207	8247.7	148.990	8.628	
NO.2 CARGO (C)	138-172	9812.6	122.882	8.508	
NO.3 CARGO (C)	105-139	9828.3	96.501	8.507	
NO.4 CARGO (C)	72-106	9828.3	70.101	8.507	
NO.5 CARGO (C)	39-73	9346.3	43.847	8.817	
T O T A L		47063.2			
CARGO HOLDS (BALE)					
COMPARTMENT	LOCATION (FRAME)	CAPACITY (M ³)	L. C. G.	V. C. G.	
		100%FULL	(T)	(M)	
NO.1 CARGO (C)	171-207	7764.8	149.107	8.529	
NO.2 CARGO (C)	138-172	9264.9	122.996	8.448	
NO.3 CARGO (C)	105-139	9249.6	96.605	8.455	
NO.4 CARGO (C)	72-106	9267.0	70.221	8.449	
NO.5 CARGO (C)	39-73	8888.9	43.590	8.750	
T O T A L		44435.2			
WATER BALLAST TANKS					
COMPARTMENT	LOCATION (FRAME)	CAPACITY (M ³)	WEIGHT	L. C. G.	V. C. G.
		100%FULL	(T)	(M)	
F. P. T. (C)	207-224	696.1	713.5	168.355	4.734
NO.1 W. B. T. (P)	171-207	1290.3	1322.6	148.269	5.751
NO.2 W. B. T. (S)	171-207	1290.3	1322.6	148.269	5.751
NO.2 W. B. T. (P)	138-171	943.3	966.9	121.817	3.225
NO.2 W. B. T. (S)	138-171	943.3	966.9	121.817	3.225
NO.3 W. B. T. (P)	105-138	945.0	968.6	95.462	3.204
NO.3 W. B. T. (S)	105-138	945.0	968.6	95.462	3.204
NO.4 W. B. T. (P)	72-105	943.6	967.2	69.075	3.210
NO.4 W. B. T. (S)	72-105	943.6	967.2	69.075	3.210
NO.5 W. B. T. (P)	39-72	935.5	958.9	43.092	2.972
NO.5 W. B. T. (S)	39-72	935.5	958.9	43.092	2.972
A. P. T. (C)	-5-12	467.5	479.2	3.552	9.662
T O T A L		11279.0	11561.1		

FUEL OIL TANKS						
S.G. = 0.985						
COMPARTMENT	LOCATION (FRAME)	CAPACITY (M ³)	WEIGHT	L. C. G.	V. C. G.	
		100%FULL	98%FULL	(T)	(M)	
NO.1 H. F. O. T. (P)	138-171	174.6	171.1	167.7	122.502	13.741
NO.1 H. F. O. T. (S)	138-171	174.6	171.1	167.7	122.502	13.741
NO.2 H. F. O. T. (P)	72-138	346.4	339.5	332.7	82.800	13.745
NO.2 H. F. O. T. (S)	72-138	346.4	339.5	332.7	82.800	13.745
NO.3 H. F. O. T. (P)	39-72	173.2	169.7	166.3	43.200	13.745
NO.3 H. F. O. T. (S)	39-72	173.2	169.7	166.3	43.200	13.745
H.F.O. SETT. T.(P)	32-38	30.6	30.0	29.4	26.800	12.050
H.F.O. SERV. T.(P)	32-38	30.6	30.0	29.4	26.800	12.050
Sub. TOTAL		1457.3	1428.2	1399.6		
H.F.O. SETT. T.(P) (LOW SULPHUR)	32-38	30.6	30.0	29.4	26.800	12.050
H.F.O. SERV. T.(P) (LOW SULPHUR)	32-38	27.7	27.1	26.6	26.752	12.216
Sub. TOTAL		58.3	57.1	56.0		
GRAND TOTAL		1515.6	1485.3	1455.6		
DIESEL OIL TANKS						
S.G. = 0.850						
COMPARTMENT	LOCATION (FRAME)	CAPACITY (M ³)	WEIGHT	L. C. G.	V. C. G.	
		100%FULL	98%FULL	(T)	(M)	
M.B.O.T.(S)	32-39	135.1	132.4	112.5	27.250	9.881
M.B.O.SERV.T.(P)	32-35	21.6	21.2	18.0	25.800	12.050
M.B.O.SETT.T.(P)	35-39	21.6	21.2	18.0	26.600	12.050
T O T A L		178.3	174.8	148.5		
LUB. OIL TANKS						
S.G. = 0.900						
COMPARTMENT	LOCATION (FRAME)	CAPACITY (M ³)	WEIGHT	L. C. G.	V. C. G.	
		100%FULL	98%FULL	(T)	(M)	
M/E L.O.SUMP.T.(C)	21-34	20.4	19.9	17.9	20.554	1.093
M/E L.O.SETT.T.(S)	25-31	18.2	17.8	16.1	21.400	12.050
M/E L.O.STOR.T.(S)	25-31	35.5	34.8	31.3	21.400	11.440
CYL.O.T.(S)	25-31	23.4	22.9	20.6	21.400	12.550
CYL.O.T.(S) (LOW SULPHUR)	25-31	19.9	19.5	17.6	21.400	12.550
G/E L.O.STOR.T.(S)	28-31	7.4	7.3	6.6	22.400	12.050
G/E L.O.SETT.T.(S)	25-28	6.2	6.1	5.5	20.200	12.050
T O T A L		131.0	128.3	115.6		
POTABLE TANKS						
COMPARTMENT	LOCATION (FRAME)	CAPACITY (M ³)	L. C. G.	V. C. G.		
M/E SEAWATER BOX DRAIN TANK	26-27	0.6		19.900	2.916	
HOT WELL	27-29	1.5		21.016	8.165	
S/OI DRAIN TANK	14-15	0.5		10.645	11.400	
S/T L.O. D. T. (P)	13-14	0.1		9.900	13.400	
STORAGE TANK FOR S/G	-5-4	0.2		-3.425	12.550	
WASTE OIL TANK FOR INCINERATOR	17-18	1.0		13.150	16.000	
H.T.F.W. EXP. TANK	19-21	1.0		14.700	16.000	
L.T.F.W. EXP. TANK	19-21	1.0		14.700	16.000	
EM'CY D/G F.O. TANK	14-15	1.5		10.250	21.950	

FRESH WATER TANKS						
S.G. = 1.000						
COMPARTMENT	LOCATION (FRAME)	CAPACITY (M ³)	WEIGHT	L. C. G.	V. C. G.	
		100%FULL	98%FULL	(T)	(M)	
F. W. T. (P)	4-12	107.5	107.5	5.769	13.029	
F. W. T. (S)	4-12	160.4	160.4	5.713	13.019	
DRINKING W. T. (P)	4-12	53.0	53.0	5.600	13.000	
T O T A L		320.8	320.8			
OTHERS TANKS						
COMPARTMENT	LOCATION (FRAME)	CAPACITY (M ³)	WEIGHT	L. C. G.	V. C. G.	
		100%FULL	98%FULL	(T)	(M)	
SLOP T. (P)	39-57	83.6	80.3	37.204	12.991	
SLOP T. (S)	39-57	83.6	80.3	37.204	12.991	
ONLY BILGE T.(P)	27-31	21.4	20.5	22.076	1.145	
L. O. D. T. (S)	24-27	12.1	11.6	19.256	1.169	
F. O. D. T. (P)	24-27	12.1	11.6	19.256	1.169	
S/T L. O. D. T. (S)	15-16	1.5	1.4	11.207	1.623	
F. O. D. O. B. T. (P)	35-38	13.8	13.2	27.918	1.297	
B. H. T. (C)	12-20	45.1	43.3	12.425	1.105	
SLUDGE T. (P)	28-36	8.6	8.3	24.632	6.440	
SEWAGE HOLD. T. (P)	23-26	14.2	13.6	16.456	7.404	
M/E A.C.CHEM.T.(S)	27-28	1.2	1.2	20.817	1.829	
S/T C. W. T. (C)	6-12	29.1	27.9	7.088	3.580	
PRINCIPAL PARTICULARS						
LENGTH O. A.			181.00 M			
LENGTH B. P.			172.00 M			
BREADTH (MLD)			30.00 M			
DEPTH (MLD)			14.60 M			
DRAFT (DISCHL.)			9.40 M			
DRAFT (SCANTLING)			9.80 M			
DEADWEIGHT (SCANTLING)			34,126.20N			

M/V PACIFIC TRUST		BB-04	
SHIPYARD : SEKO HEAVY INDUSTRIES CO., LTD.		PROJECT NO. : S0810	
OWNER : MPC MUNCHMEYER PETERSEN MARINE GMBH		HULL NO. : S-1003	
APP. BY :	SUBJECT : DWT 34,000 TON CLASS BULK CARRIER		
APP. BY :	K. D. OK		
CHK. BY :	W. S. SHIN		
BWN. BY :	K. T. LEE		
BUILDER :	SEKO HEAVY INDUSTRIES CO., LTD.		
DESIGNER :	(주) 크 동 선 박 설 계		