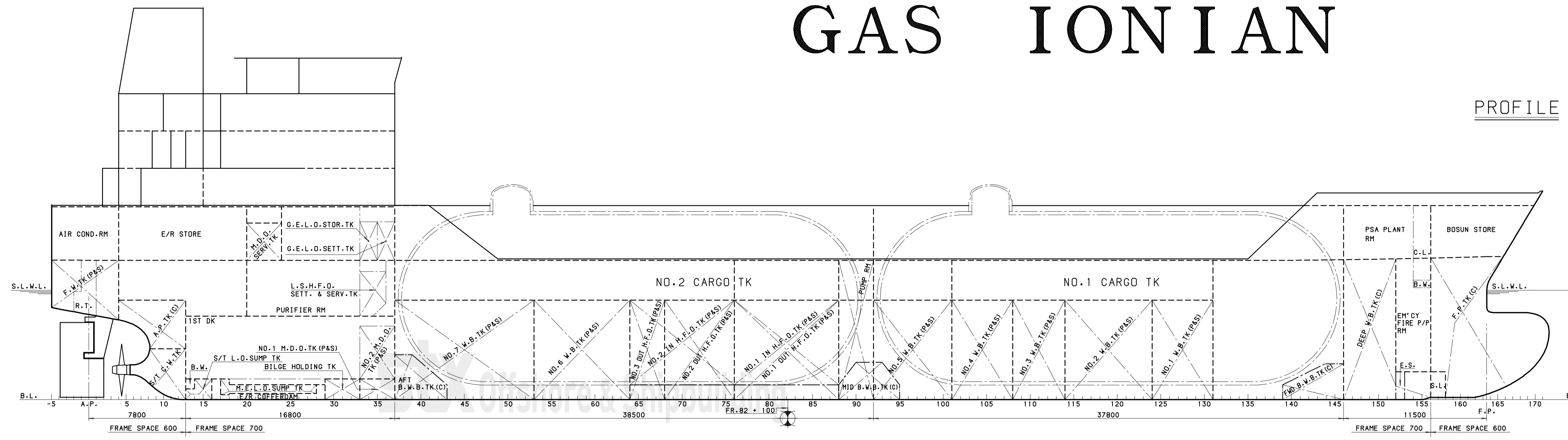


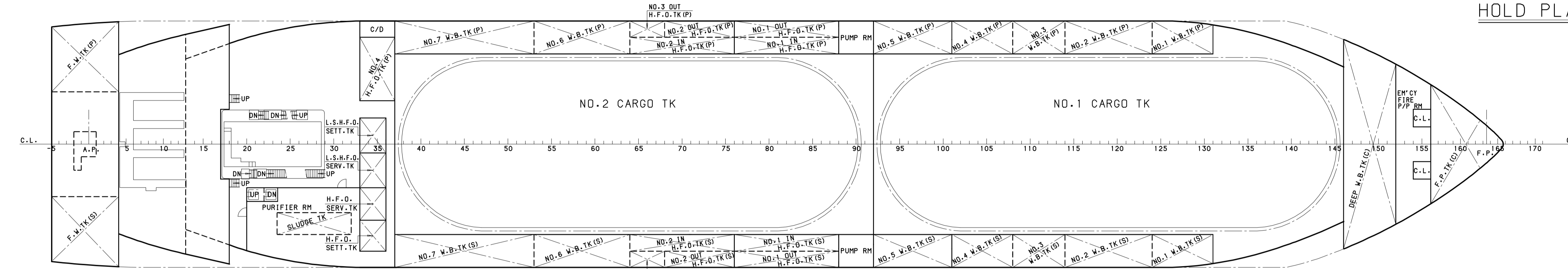
GAS IONIAN

PLAN HISTORY

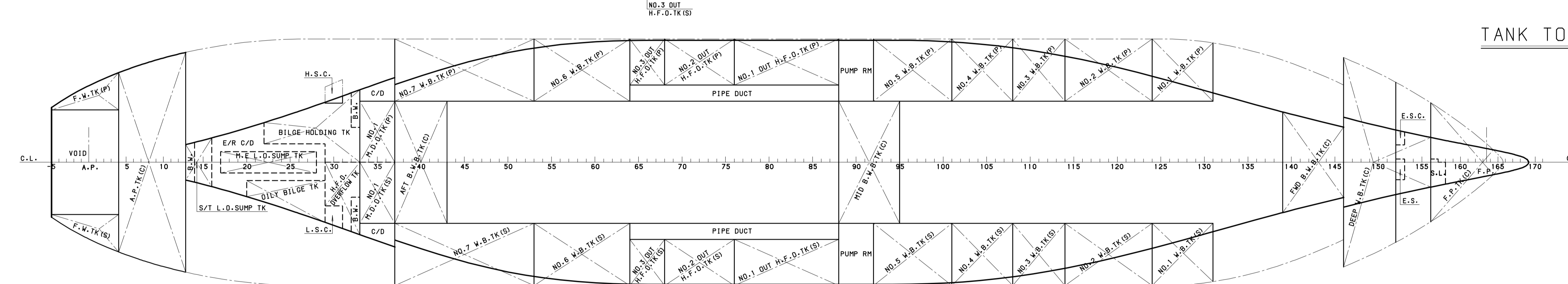
DATE	REV.	DESCRIPTION	DWN.	CHKD.	MGR.
2011.11.29	△	FINAL	C.W.JANG	S.W.KIM	C.J.KIM



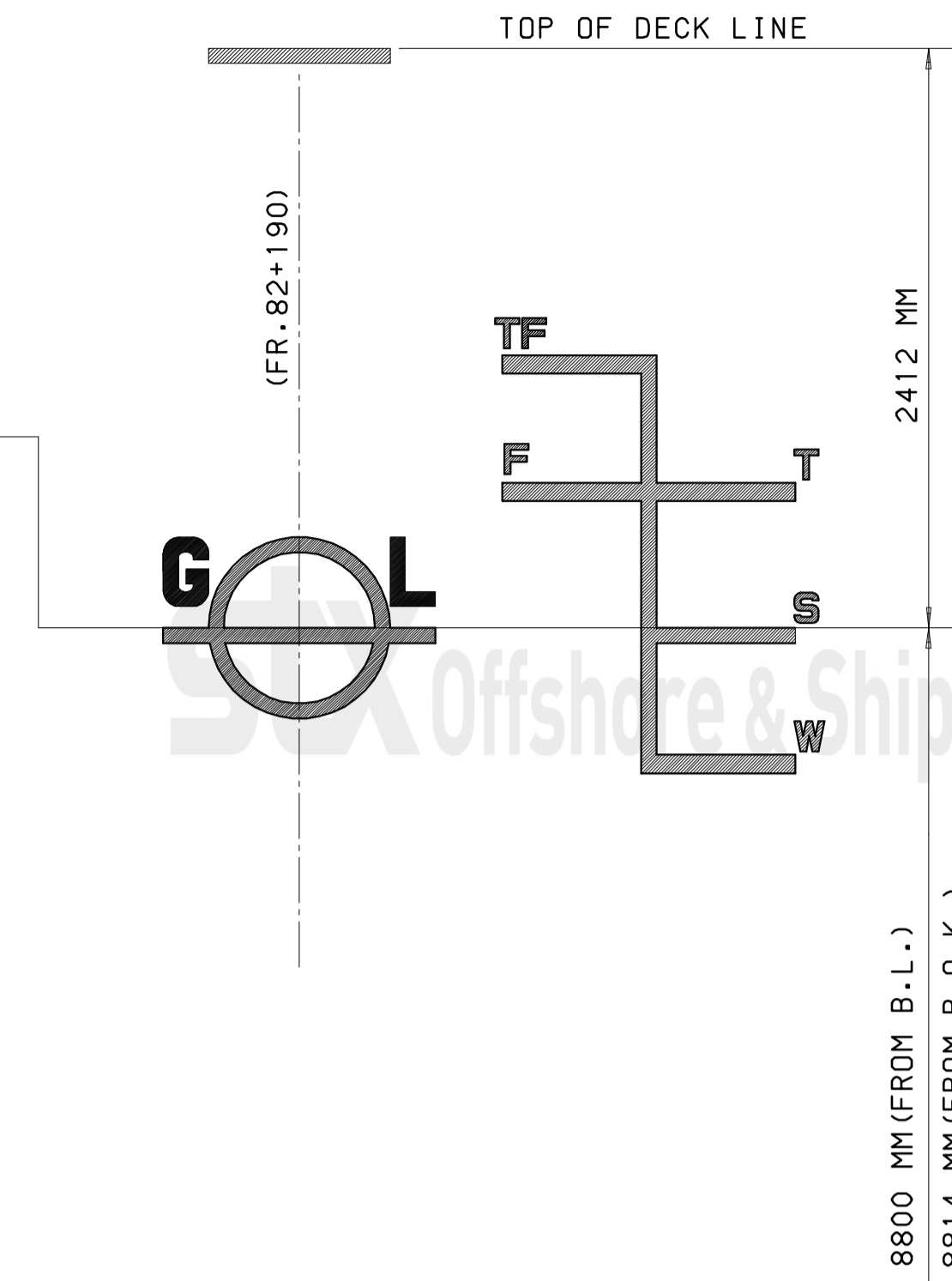
PROFILE



HOLD PLAN



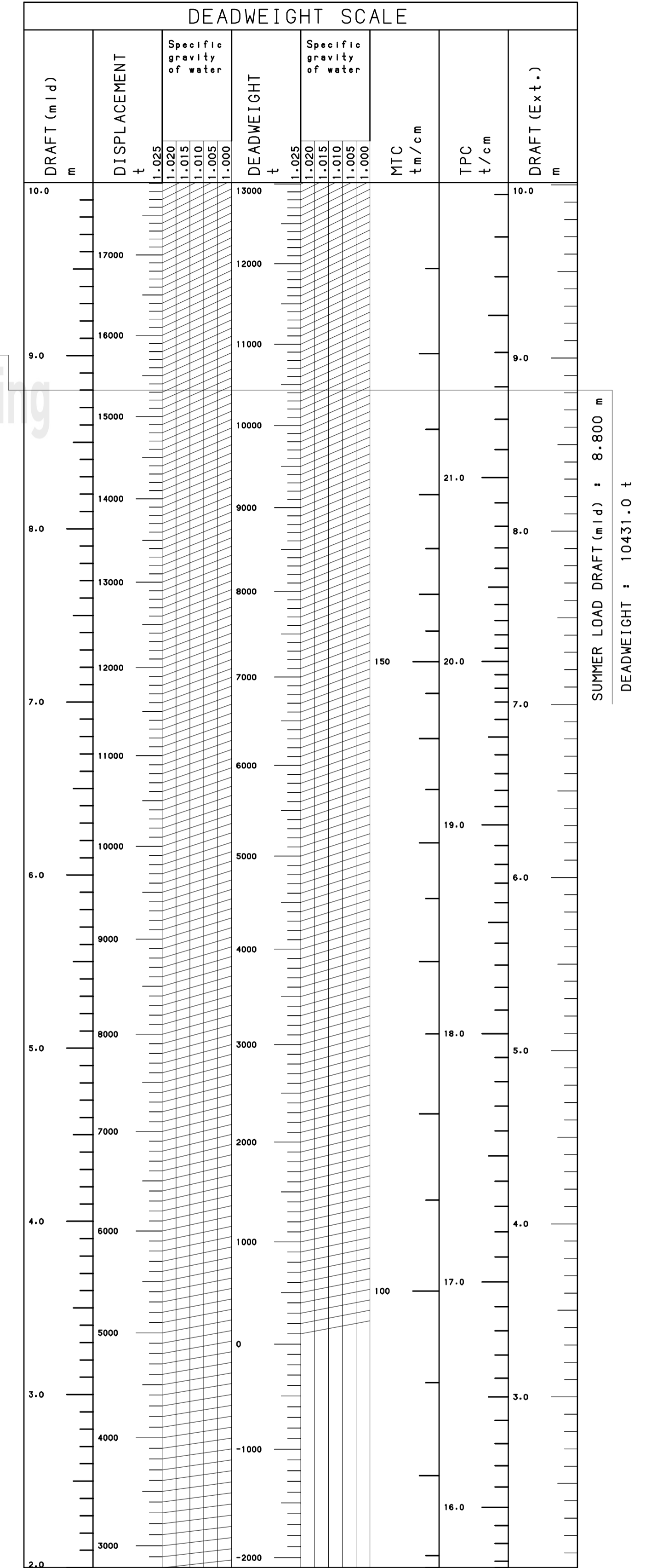
TANK TOP



MIDSHIP SECTION

ITEM	FREEBOARD	DRAFT	DENSITY	DISPLACEMENT	DEADWEIGHT
	m	m	t/m ³	t	t
TROPICAL	2.049	9.163	1.000	15706.3	10814.6
FRESH	2.232	8.980	1.000	15323.7	10432.0
TROPICAL	2.229	8.983	1.025	15713.2	10821.5
SUMMER	2.412	8.800	1.025	15322.7	10431.0
WINTER	2.595	8.617	1.025	14933.9	10042.2

LIGHTWEIGHT : 4891.708 Tonn



WATER BALLAST TANKS (DENSITY = 1.025)								
TANK NO.	COMPARTMENT	LOCATION (FRAME)	VOLUME 100% FULL m ³	WEIGHT 100% FULL mt	L.C.G from MID m	T.C.G from C.L m	V.C.G from B.L m	MAX. TM of INERTIA m ⁴
R201	F.P.TK(C)	156 - 172	224.5	230.1	54.659	-0.009	6.094	118.6
R202	DEEP W.B.TK(C)	146 - 156	429.2	439.9	46.802	-0.003	6.654	1147.5
R203	FWD B.W.B.TK(C)	139 - 146	71.3	73.1	42.550	-0.000	1.375	136.3
R204	NO.1 W.B.TK(P)	124 - 131	65.3	67.0	31.509	-7.594	4.691	6.8
R205	NO.1 W.B.TK(S)	124 - 131	65.3	67.0	31.509	7.594	4.691	6.8
R206	NO.2 W.B.TK(P)	114 - 124	145.7	149.3	25.614	-7.766	4.070	18.5
R207	NO.2 W.B.TK(S)	114 - 124	145.7	149.3	25.614	7.766	4.070	18.5
R208	NO.3 W.B.TK(P)	108 - 114	104.2	106.8	20.172	-7.876	3.724	22.7
R209	NO.3 W.B.TK(S)	108 - 114	104.2	106.8	20.172	7.876	3.724	22.7
R210	NO.4 W.B.TK(P)	101 - 108	129.0	132.2	15.634	-7.935	3.579	37.9
R211	NO.4 W.B.TK(S)	101 - 108	129.0	132.2	15.634	7.935	3.579	37.9
R212	NO.5 W.B.TK(P)	92 - 101	170.4	174.6	10.044	-7.967	3.508	59.1
R213	NO.5 W.B.TK(S)	92 - 101	170.4	174.6	10.044	7.967	3.508	59.1
R214	MID B.W.B.TK(C)	88 - 95	124.3	127.4	6.550	-0.000	1.369	386.9
R215	NO.6 W.B.TK(P)	53 - 64	204.7	209.8	-16.515	-7.947	3.554	64.6
R216	NO.6 W.B.TK(S)	53 - 64	204.7	209.8	-16.515	7.947	3.554	64.6
R217	NO.7 W.B.TK(P)	37 - 53	244.0	250.1	-25.588	-7.843	4.022	39.9
R218	NO.7 W.B.TK(S)	37 - 53	244.0	250.1	-25.588	7.843	4.022	39.9
R219	AFT B.W.B.TK(C)	37 - 43	122.1	125.1	-29.867	0.000	1.606	342.5
R220	A.P.TK(C)	4 - 13	125.0	128.2	-50.662	0.000	7.020	1718.2
TOTAL			3222.9	3303.5	-	-	-	-

CARGO TANKS (DENSITY = 1.000)								
TANK NO.	COMPARTMENT	LOCATION (FRAME)	VOLUME 100% FULL m ³	WEIGHT 100% FULL mt	L.C.G from MID m	T.C.G from C.L m	V.C.G from B.L m	MAX. TM of INERTIA m ⁴
R101	NO.1 CARGO TK (C)	93 - 145	4555.6	4555.6	25.768	-0.000	8.176	6253.0
R102	NO.2 CARGO TK (C)	38 - 90	4553.6	4553.6	-12.732	-0.000	8.176	6250.1
TOTAL			9109.2	9109.2	-	-	-	-

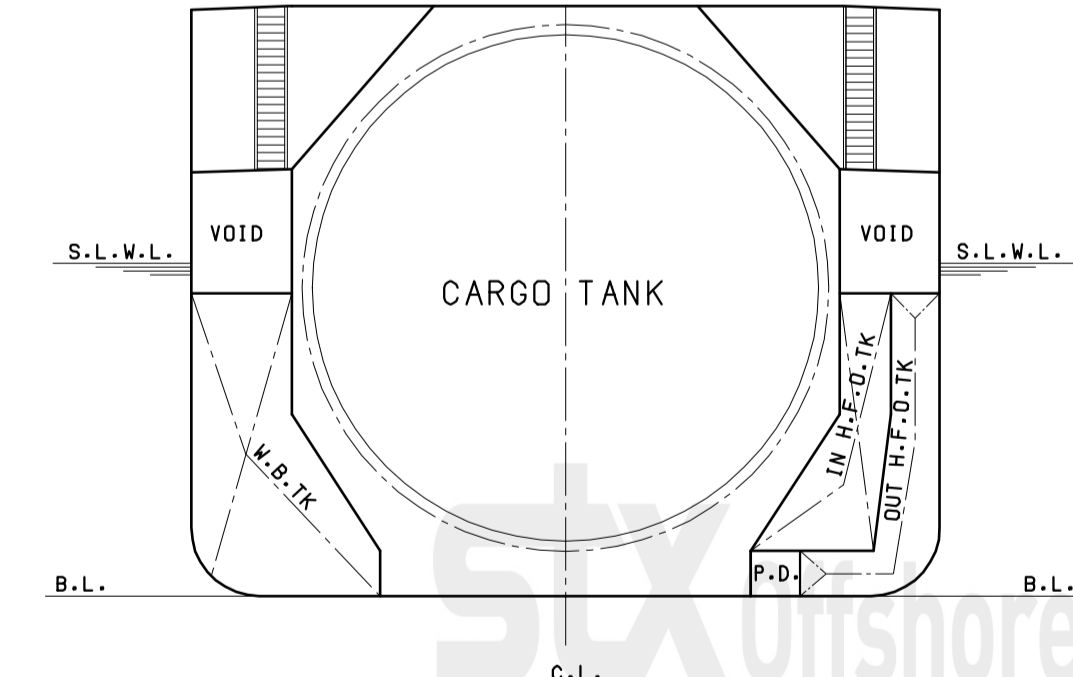
FRESH WATER TANKS (DENSITY = 1.000)								
TANK NO.	COMPARTMENT	LOCATION (FRAME)	VOLUME 100% FULL m ³	WEIGHT 100% FULL mt	L.C.G from MID m	T.C.G from C.L m	V.C.G from B.L m	MAX. TM of INERTIA m ⁴
R301	F.W.TK(P)	-5 - 4	77.3	77.3	-56.325	-6.389	9.775	72.9
R302	F.W.TK(S)	-5 - 4	77.3	77.3	-56.325	6.389	9.775	72.9
TOTAL			154.6	154.6	-	-	-	-

HEAVY FUEL OIL TANKS (DENSITY = 0.980)								
TANK NO.	COMPARTMENT	LOCATION (FRAME)	VOLUME 100% FULL m ³	WEIGHT 98% FULL mt	L.C.G from MID m	T.C.G from C.L m	V.C.G from B.L m	MAX. TM of INERTIA m ⁴
R401	NO.1 OUT H.F.O.TK(P)	76 - 88	110.7	106.3	-0.100	-8.791	3.364	32.1
R402	NO.1 OUT H.F.O.TK(S)	76 - 88	110.7	106.3	-0.100	8.791	3.364	32.1
R403	NO.1 IN H.F.O.TK(P)	76 - 88	104.3	100.1	-0.100	-7.402	4.003	23.7
R404	NO.1 IN H.F.O.TK(S)	76 - 88	104.3	100.1	-0.100	7.402	4.003	23.7
R405	NO.2 OUT H.F.O.TK(P)	68 - 76	73.8	70.9	-7.100	-8.791	3.364	21.4
R406	NO.2 OUT H.F.O.TK(S)	68 - 76	73.8	70.9	-7.100	8.791	3.364	21.4
R407	NO.2 IN H.F.O.TK(P)	64 - 76	104.3	100.1	-8.500	-7.402	4.003	23.7
R408	NO.2 IN H.F.O.TK(S)	64 - 76	104.3	100.1	-8.500	7.402	4.003	23.7
R409	NO.3 OUT H.F.O.TK(P)	64 - 68	36.9	35.4	-11.300	-8.791	3.363	10.7
R410	NO.3 OUT H.F.O.TK(S)	64 - 68	36.9	35.4	-11.300	8.791	3.363	10.7
R411	NO.4 H.F.O.TK(P)	33 - 37	78.2	75.1	-33.000	-5.783	7.424	30.5
R412	H.F.O.SERV. TK	33 - 36	17.8	17.1	-33.405	4.800	8.624	3.0
R413	H.F.O.SETT. TK	33 - 36	17.2	16.5	-33.405	7.350	8.624	2.7
R414	LOW SUL.H.F.O.SERV.TK	33 - 36	19.2	18.5	-33.405	2.100	8.624	3.8
R415	LOW SUL.H.F.O.SETT.TK	33 - 36	19.2	18.5	-33.405	-0.700	8.624	3.8
TOTAL			1011.3	971.3	-	-	-	-

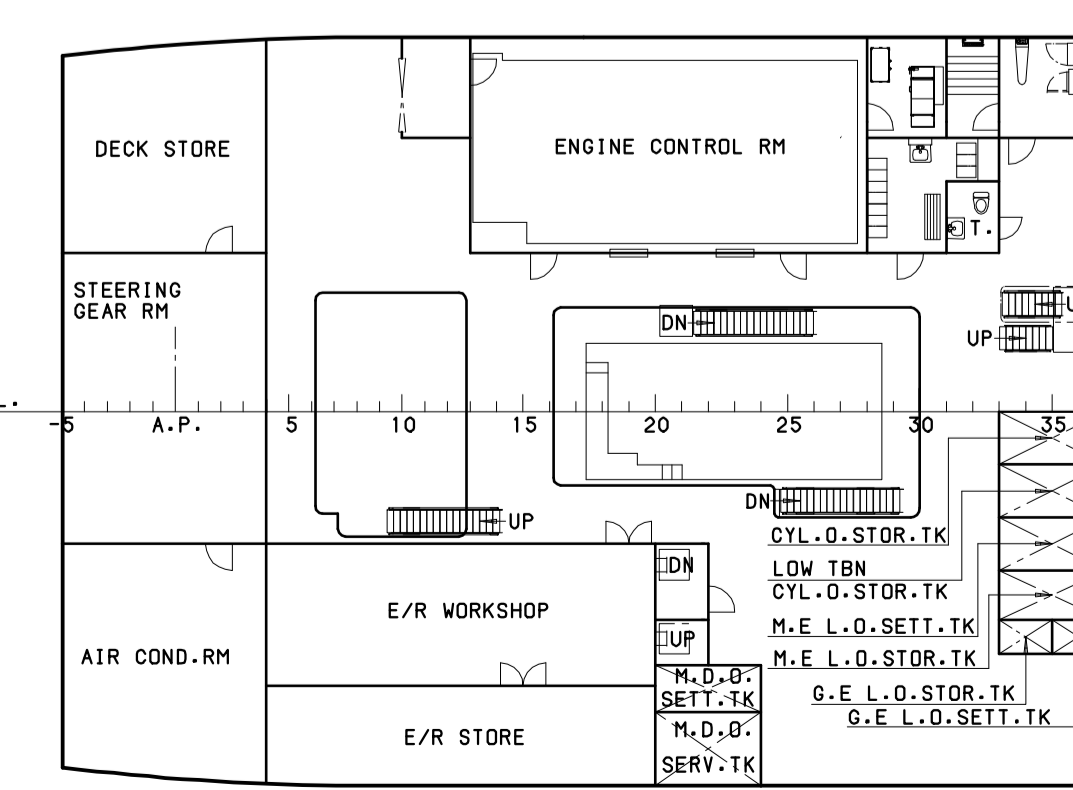
LUBRICATE OIL TANKS (DENSITY = 0.900)								
TANK NO.	COMPARTMENT	LOCATION (FRAME)	VOLUME 100% FULL m ³	WEIGHT 90% FULL mt	L.C.G from MID m	T.C.G from C.L m	V.C.G from B.L m	MAX. TM of INERTIA m ⁴
R601	M.E.L.O.SUMP TK	17 - 28	9.7	8.6	-41.979	0.000	0.884	3.1
R602	CYL.O.STOR.TK	33 - 37	11.6	10.2	-33.000	0.700	12.796	0.6
R603	LOW TBN CYL.O.STOR.TK	33 - 37	11.6	10.2	-33.000	2.100	12.796	0.6
R604	M.E.L.O.STOR.TK	33 - 37	10.8	9.5	-33.000	4.850	12.796	0.5
R605	M.E.L.O.SETT.TK	33 - 37	11.6	10.2	-33.000	3.500	12.796	0.6
R606	G.E.L.O.STOR.TK	33 - 35	3.7	3.3	-33.700	5.950	12.796	0.1
R607	G.E.L.O.SETT.TK	35 - 37	3.7	3.3	-32.300	5.950	12.796	0.1
TOTAL			62.7	55.3	-	-	-	-

MARINE DIESEL OIL TANKS (DENSITY = 0.920)								
TANK NO.	COMPARTMENT	LOCATION (FRAME)	VOLUME 100% FULL m ³	WEIGHT 98% FULL mt	L.C.G from MID m	T.C.G from C.L m	V.C.G from B.L m	MAX. TM of INERTIA m ⁴
R501	NO.1 M.D.O.TK(P)	33 - 37	21.3	19.2	-32.984	-2.342	0.868	27.0
R502	NO.1 M.D.O.TK(S)	33 - 37	21.3	19.2	-32.984	2.342	0.868	27.0
R503	NO.2 M.D.O.TK(P)	33 - 37	41.1	37.0	-33.000	-1.750	3.793	9.9
R504	NO.2 M.D.O.TK(S)	33 - 37	41.1	37.0	-33.000	1.750	3.793	9.9
R505	M.D.O.SERV.TK	20 - 24	16.5	14.8	-42.100	8.929	12.765	1.7
R506	M.D.O.SETT.TK	20 - 24	10.4	9.3	-42.100	7.326	12.792	0.4
TOTAL			151.6	136.7	-	-	-	-

MISCELLANEOUS OIL TANKS (DENSITY = 1.000)								
TANK NO.	COMPARTMENT	LOCATION (FRAME)	VOLUME 100% FULL m ³	WEIGHT 100% FULL mt	L.C.G from MID m	T.C.G from C.L m	V.C.G from B.L m	MAX. TM of INERTIA m ⁴
R701	BILGE HOLDING TK	22 - 33	31.6	31.6	-37.317	-2.235	0.940	36.6
R702	S/T L.O.SUMP TK	13 - 16	7.6	7.6	-47.131	-0.000	0.875	5.1
R703	OILY BILGE TK	20 - 29	15.5	15.5	-39.783	2.418	1.020	8.7
R704	H.F.O.OVERFLOW TK	29 - 33	16.6	16.6	-35.772	1.878	0.858	18.4
R705	SLUDGE TK	23 - 32	10.3	10.3	-38.075	6.375	6.220	2.6
R706	S/T C.W.TK	6 - 13	17.3	17.3	-49.641	0.000	2.155	2.9
TOTAL			98.8	98.8	-	-	-	-



UPPER DECK



PRINCIPAL PARTICULARS

LENGTH (O.A.)	Appx.	120.40 M
LENGTH (B.P.)		112.40 M
BREADTH (MLD)		19.80 M
DEPTH (MLD)		11.20 M
DRAFT	Design (MLD)	7.65 M
	Scantling (MLD)	8.80 M

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MODEL NO. **9KLP602 (B-5044)**
TYPE **9,000 CBM LPG/AMMONIA/VCM TANKER**

CHECKED BY: **S.W.KIM**
DRAWN BY: **C.W.JANG**
TEL. NO.: **(55) 548-3694**

DEPT: **BASIC TECHNOLOGY TEAM** SCALE: **1/200** DATE: **2011.11.29** DWG. NO.: **80179000** REV. NO.: **A**

CAPACITY PLAN WITH DEADWEIGHT SCALE

STX Offshore & Shipbuilding