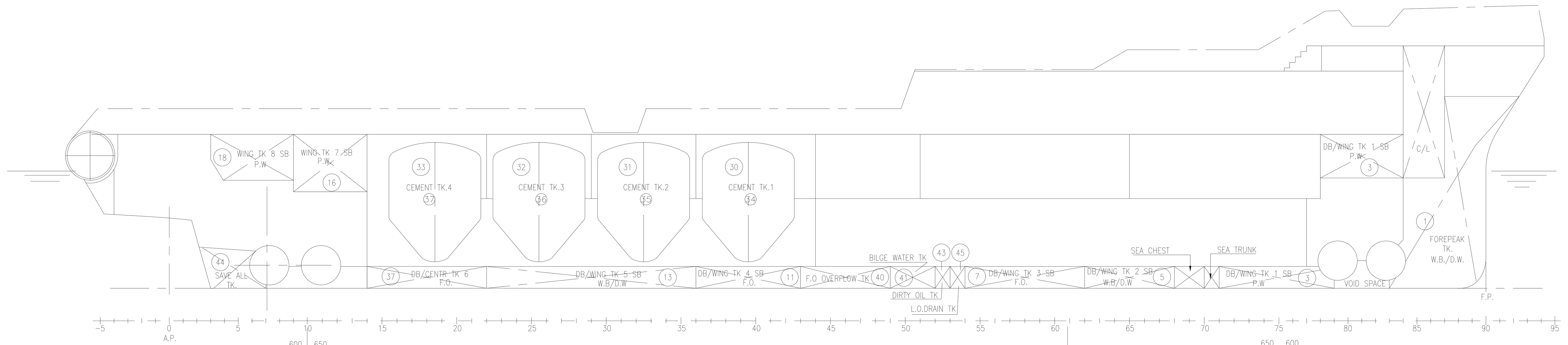
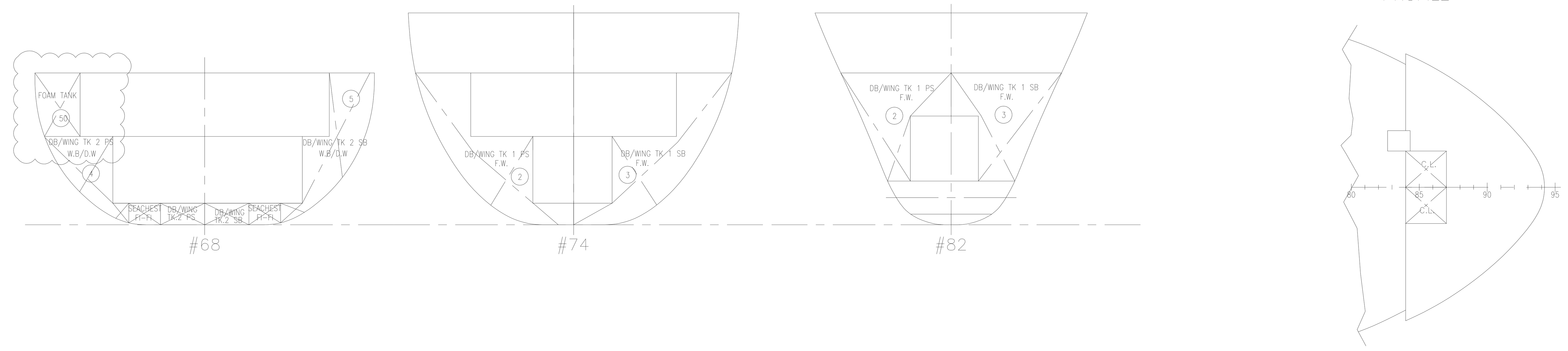
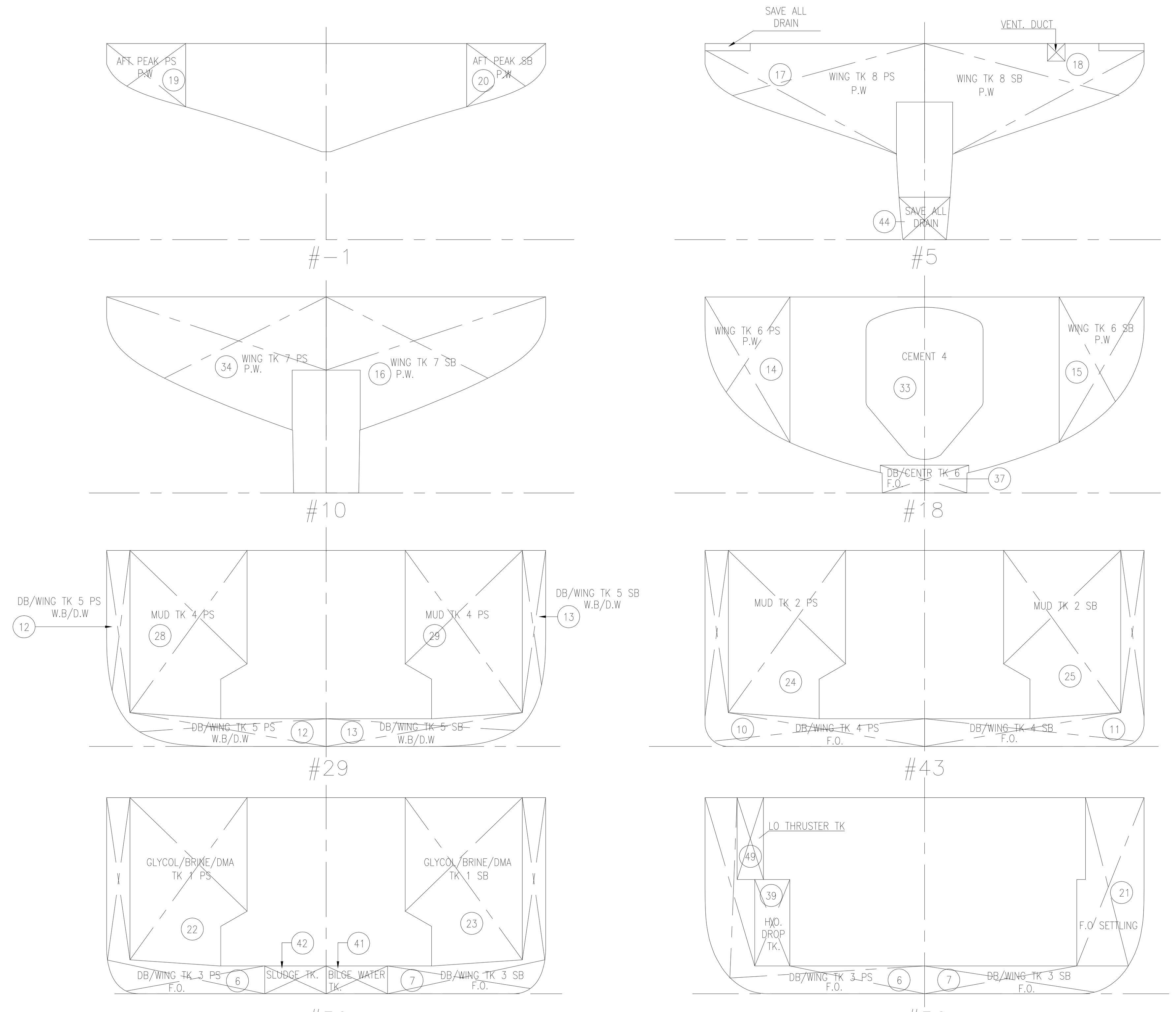
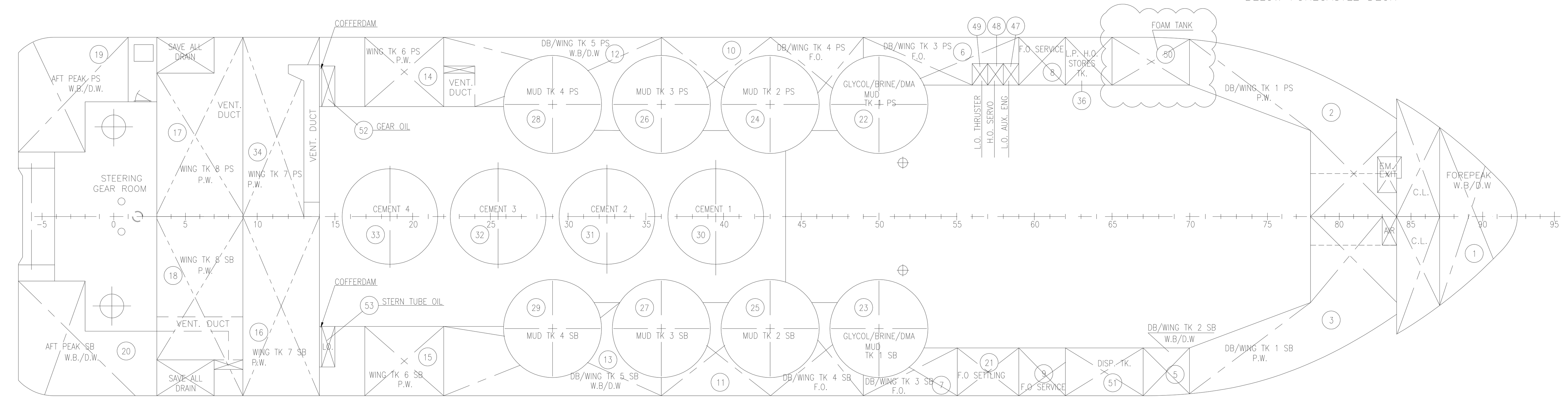
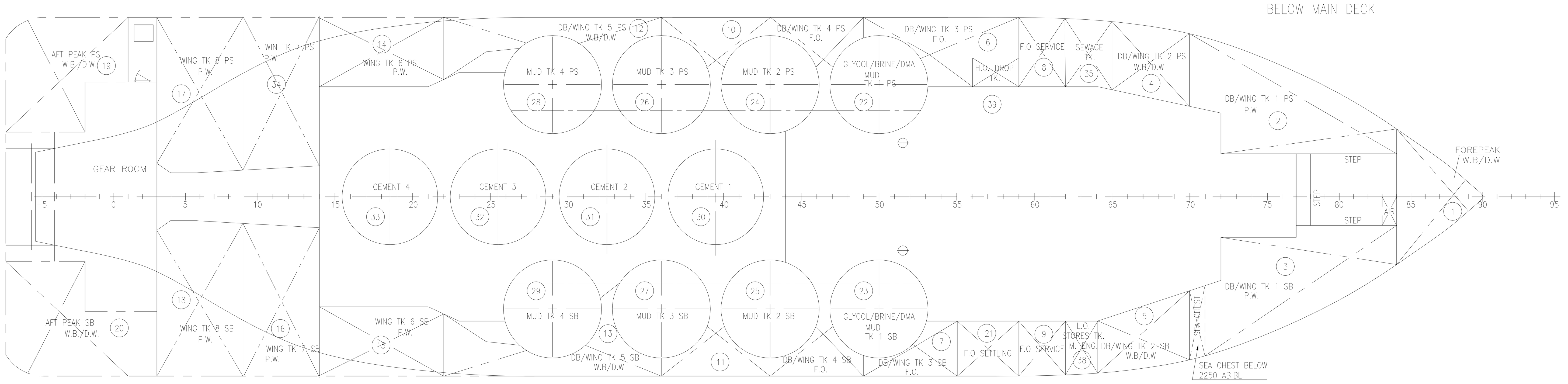
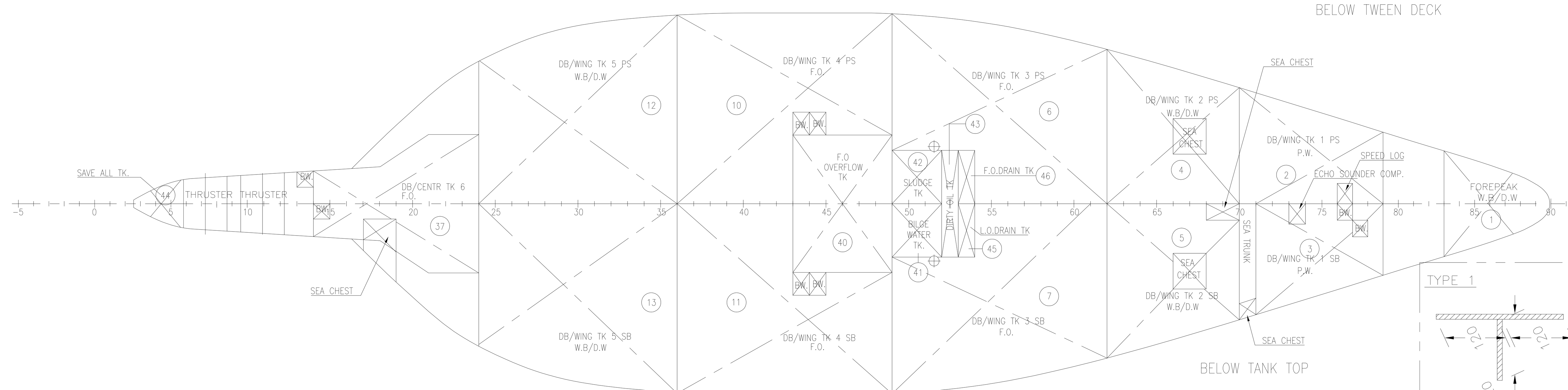












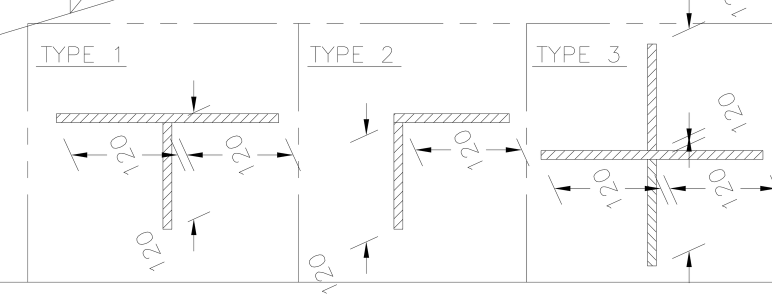
NOTE: ACCORDING TO BUILDING SPECIFICATION, TANK NO. 22, 23, 24, 25, 26, 27, 28, 29 TO BE DIMENSIONED FOR LIQUID CARGO WITH DENSITY 2.5 t/m^3

TANK NO.	AIR PIPE HEIGHTS AB. BL.	TANK ID.	FRAME MIN. #	FRAME MAX. #	CONTENTS	DENSITY	VOLUME (M3)	SRED (%)	DW 1.000	FO 0.900	WB 1.025	FW 1.000	BRI 2.500	MUD 2.500	CEM 2.400	FOAM 1.000	LCG (AP)	VCG (BL)	TCG (CL)	IT (M4)
01	11310	FOREPEAK	83	92	WB/DW	1.025	71.7	3.0	71.7		73.5						55.480	4.207	0.000	38
02	10110	DB/WING TK 1 PS	70	84	FW	1.000	129.5	3.0				129.5					49.048	3.811	-3.443	117
03	10110	DB/WING TK 1 SB	70	84	FW	1.000	135.4	3.0				135.4					49.319	3.863	3.345	115
04	10110	DB/WING TK 2 PS	62	70	WB/DW	1.025	40.5	3.0	40.5		42						42.74	1.57	-3.80	68
05	10110	DB/WING TK 2 SB	62	70	WB/DW	1.025	49.2	3.0	49.2		50.5						42.866	2.351	4.467	63
06	7460	DB/WING TK 3 PS	49	62	FO	0.900	94.8	3.0		85.3							35.108	2.361	-5.364	177
07	7460	DB/WING TK 3 SB	49	62	FO	0.900	65.6	3.0		59.1							34.726	1.725	4.934	177
08	7460	FO SERVICE TK PS	59	62	FO	0.900	24.6	3.0		22.1							38.816	3.725	-6.145	4
09	7460	FO SERVICE TK SB	59	62	FO	0.900	21.2	3.0		19.1							38.815	3.930	6.341	2
10	7460	DB/WING TK 4 PS	36	49	FO	0.900	124.4	3.0		111.9							27.048	2.526	-5.502	216
11	7460	DB/WING TK 4 SB	36	49	FO	0.900	124.4	3.0		111.9							27.048	2.526	5.502	216
12	8700	DB/WING TK 5 PS	22	36	WB/DW	1.025	127.1	3.0	127.1		130.3						18.479	2.794	-5.211	214
13	8700	DB/WING TK 5 SB	22	36	WB/DW	1.025	127.7	3.0	127.7		130.9						18.459	2.813	5.213	214
14	8700	WING TK 6 PS	14	22	FW	1.000	41.5	3.0				41.5					12.006	4.410	-5.835	7
15	8700	WING TK 6 SB	14	22	FW	1.000	41.5	3.0				41.5					12.006	4.410	5.835	7
16	8700	WING TK 7 SB	9	14	FW	1.000	77.4	3.0				77.4					7.057	4.897	3.480	113
17	8700	WING TK 8 PS	3	9	FW	1.000	67.7	3.0				67.7					3.666	5.261	-3.363	127
18	8700	WING TK 8 SB	3	9	FW	1.000	65.8	3.0				65.8					3.654	5.227	3.317	127
19	8700	AFT PEAK PS	-6	1	WB/DW	1.025	29.4	3.0	29.4		30.2						-1.899	5.760	-5.071	30
20	8700	AFT PEAK SB	-6	3	WB/DW	1.025	34.8	3.0	34.8		35.7						-1.417	5.766	5.213	33
21	7460	FO SETTLING TK	55	59	FO	0.900	30.0	3.0		27.0							36.539	3.817	6.380	3
22	8700	GLYCOL TK 1 PS	47	53	MUD/DMA/BRI/GLY	2.500	70.1	0.0					175.3	175.3			32.000	3.972	-4.757	14
23	8700	GLYCOL TK 1 SB	47	53	MUD/DMA/BRI/GLY	2.500	70.1	0.0					175.3	175.3			32.000	3.972	4.757	14
24	8700	MUD TK 2 PS	40	46	MUD/FO	2.500	70.1	0.0		63.1				175.4			27.450	3.971	-4.756	14
25	8700	MUD TK 2 SB	40	46	MUD/FO	2.500	70.1	0.0		63.1				175.4			27.450	3.971	4.756	14
26	8700	MUD TK 3 PS	33	39	MUD/FO	2.500	70.1	0.0		63.1				175.4			22.900	3.971	-4.756	14
27	8700	MUD TK 3 SB	33	39	MUD/FO	2.500	70.1	0.0		63.1				175.4			22.900	3.971	4.756	14
28	8700	MUD TK 4 PS	26	32	MUD/FO	2.500	70.1	0.0		63.1				175.4			18.350	3.971	-4.756	14
29	8700	MUD TK 4 SB	26	32	MUD/FO	2.500	70.1	0.0		63.1				175.4			18.350	3.971	4.756	14
30		CEM TK 1	36	43	CEM	2.400	46.7	3.0							112.1		25.175	4.139	-0.000	12
31		CEM TK 2	29	36	CEM	2.400	46.7	3.0							112.1		20.625	4.139	-0.000	12
32		CEM TK 3	22	29	CEM	2.400	46.7	3.0							112.1		16.075	4.139	-0.000	12
33		CEM TK 4	15	22	CEM	2.400	46.7	3.0							112.1		11.525	4.139	-0.000	12
34	8700	WING TK 7 PS	9	14	FW	1.000	74.8	3.0				74.8					7.016	4.845	-3.484	113
35	7460	SEWAGE TK	62	65	MIS	1.000	12.5	3.0									40.758	2.593	-5.752	4
36	7460	HO STORES TK	62	65	HO	0.924	10.5	3.0									40.772	5.309	-6.490	1
37	7460	DB/CENTER TK 6	14	24	FO	0.900	21.2	3.0		19.1							12.356	0.495	-0.024	43
38	7460	LO STORES M.ENG.	62	64	LO	0.924	6.3	3.0									40.437	2.640	6.099	1
39	7460	HO DROP TANK	56	59	HO	0.924	6.7	3.0									36.875	2.425	-5.200	0
40	8700	FO OVERFLOW TK	43	49	FO	0.900	19.4	3.0		17.5							29.400	0.475	0.000	51
41	7460	BILGE WATER TK	49	52	MIS	1.000	3.8	3.0									32.325	0.475	1.050	2
42	7460	SLUDGE TK	49	52	MIS	1.000	3.8	3.0									32.325	0.475	-1.050	2
43	7460	DIRTY OIL TK	52	53	MIS	1.000	2.5	3.0									33.625	0.475	0.000	4
44	7460	SAVE ALL TK	2	7	MIS	1.000	4.3	3.0									2.819	0.848	0.000	1
45	7460	LO DRAIN TK	53	54	MIS	1.000	1.2	3.0									34.275	0.468	1.028	1
46	7460	FO DRAIN TK	53	54	MIS	1.000	1.2	3.0									34.275	0.468	-1.028	1
47	7460	LO	58	59	LO	0.924	1.6	3.0									37.525	5.300	-5.950	0
48	7460	HO SERVO	57	58	HO	0.924	1.6	3.0									36.875	5.300	-5.950	0
49	7460	LO	56	57	LO	0.924	1.6	3.0									36.225	5.300	-5.950	0
50	10110	FOAM TANK	65	70	FOAM	1.000	16.6	3.0								16.6	43.34	5.34	6.44	2
51	10110	DISP TK	62	67	MIS	1.000	17.3	3.0									41.414	5.316	6.483	2
52	7460	GEAR OIL	14	15	LO	0.924	2.1	3.0									8.925	4.850	-5.457	0
53	7460	STERN TUBE OIL	14	15	LO	0.924	2.1	3.0									8.925	4.850	5.457	0
70		CHAIN LOCKER	84	87	CHA	1.025	55.7	0.0									54.502	7.358	0.000	101
		TOTAL VOLUMES							480.4	851.6	493.1	633.6	350.6	1403	448.4	16.6				
		TOTAL VOLUMES							480.4	946.222	481.073	633.6	140.2	561.2	186.83	16.6				

MAIN PARTICULARS

L.O.A....................approx. 64.30 m
L.P.P.............................. 57.25 m
BREADTH MLD.................. 15.00 m
DEPTH MAIN DK................ 6.70 m
DESIGN DRAFT.................. 5.10 m
MAX DRAFT...................... 5.70 m

TANKMARKING



Rev.	Date	Reason for issue	Made by	Chk'd by	Disc. appr.
E	04.03.06	REVISED AS BUILT CONDITIONS	OCTA		
D	15.06.05	YARD COMMENTS	JEH		
C	02.06.05	NAME OF TK.14 & 15/OWNER/YARD COMM.	JEH		
B	28.01.05	ACCORDING TO OWNER COMMENTS	JEH		
A	21.01.04	DIFF. MODIFICATIONS	JEH		
0	23.12.04	FIRST ISSUE	JEH		

PRINT RECORD

App/Constr/Ref/Thy	A	A	C	C
NO. OF PRINT	4	3	4	15
DATE	21/12	5/1	1/2	13/7
REVISION	0	A	B	D
OWNER	2	-	2	1
CLASS	-	-	-	-
PJS	1	2	2	1
COM (SB)	-	-	-	2
QC	-	-	-	-
PRODUCTION	1	1	14	10

OWNER: SWIRE PACIFIC OFFSHORE LTD
BUILDER: PAN UNITED MARINE
Yard no.: UT 738 AHTS
PROJECT: H164

TITLE: PACIFIC RESPONDER TANK PLAN

Rolls-Royce
UT-design
Rolls-Royce Marine AS
dep. Ship Technology - Offshore

Scale	Format	PROJECT NO.	SFI no.	Seq. no.	Revision
1:100	A0	047172	101	020	E

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