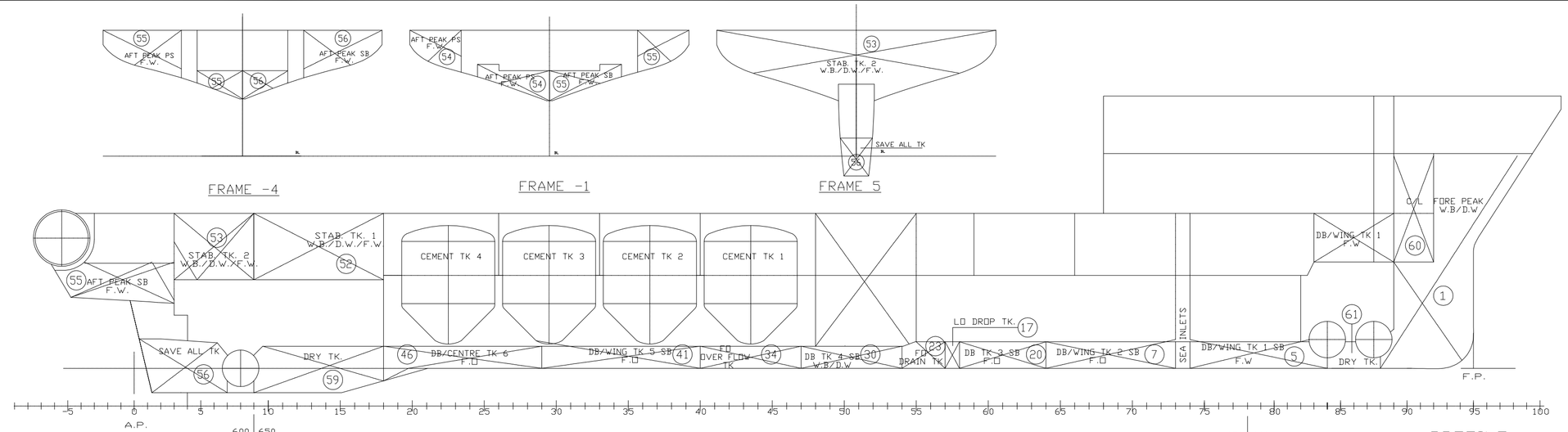
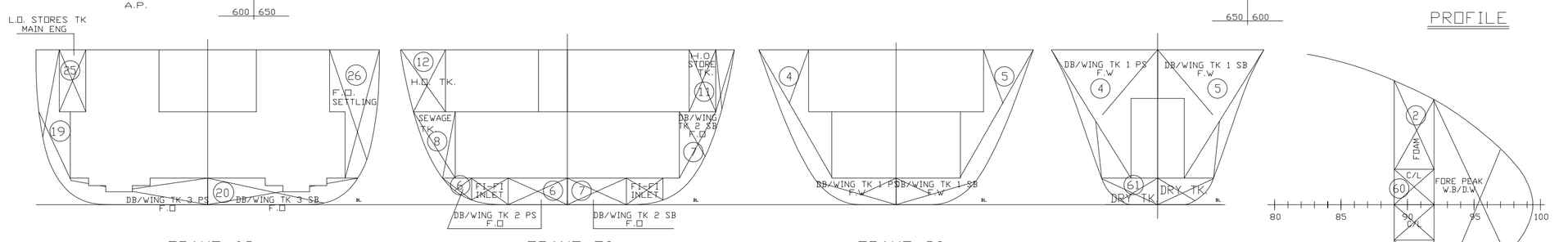
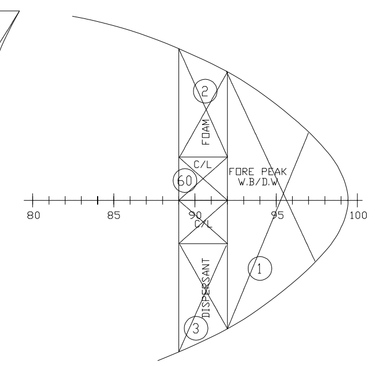
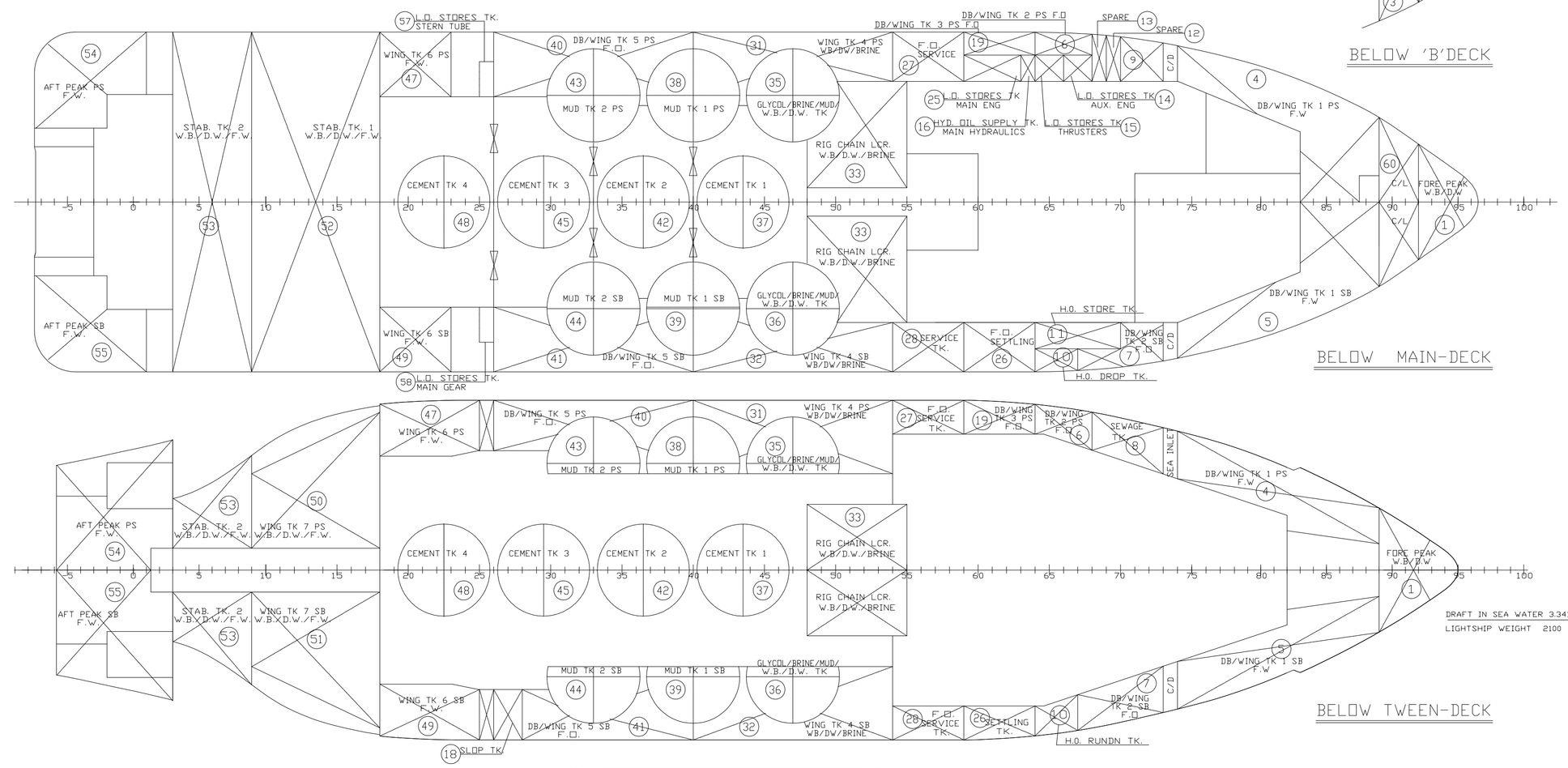
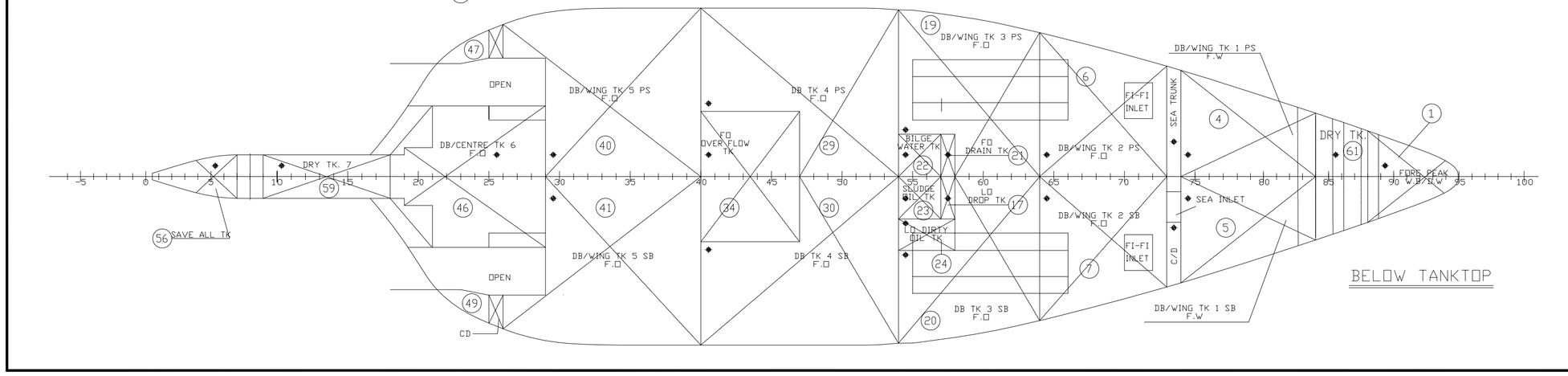
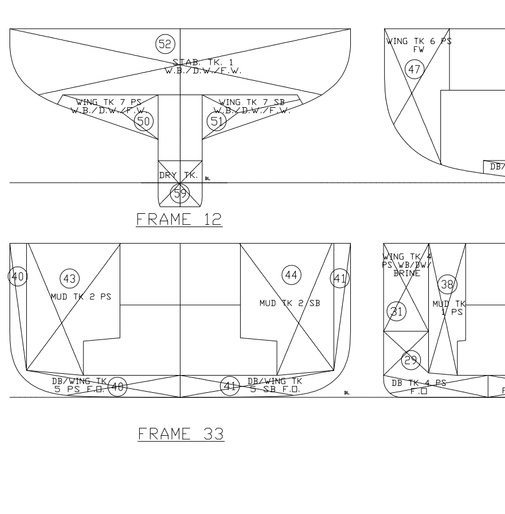




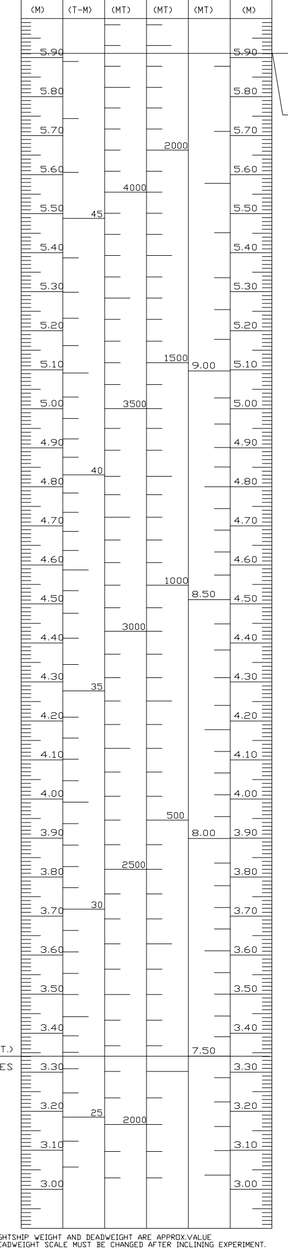




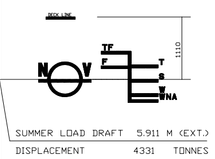




DEADWEIGHT SCALE



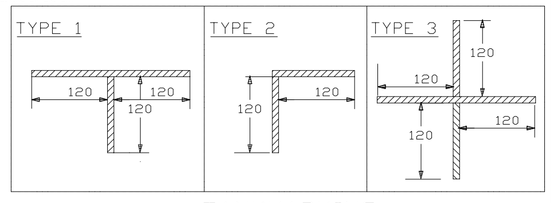
NOTE: LIGHTSHIP WEIGHT AND DEADWEIGHT ARE APPROX.VALUE.
DEADWEIGHT SCALE MUST BE CHANGED AFTER INCLINING EXPERIMENT.



NOTE: ACCORDING TO BUILDING SPECIFICATION, TANK NO. 31, 32, 33, 35, 36, 38, 39, 42, 44 TO BE DIMENSIONED FOR LIQUID CARGO WITH DENSITY 2.5 t/m^3

TANK NO.	ASR PIPE HEIGHTS AB. BL.	TANK ID.	FRAME MIN. #	FRAME MAX. #	CONTENTS	DENSITY	VOLUME (m^3)	WEIGHT(TONNES) / DENSITY (t/m^3) FD 0.900	FW 1.000	WB 1.025	MUD 2.500	CEM 2.160	BRI 2.500	SW 1.000	CENTER OF GRAVITY (M) LCG (AP)	VCG (BL)	TCG (CL)	IT (m^3)
1	12750	FOREPEAK	88	99	WB/DW	1.025	101.7			104.2				101.7	59.175	5.614	0.000	119
2	12750	FDAM TK	89	92	MIS	1.000	12.3								57.691	8.517	-2.983	7
3	12750	DISPERSANT TK	89	92	MIS	1.000	12.3								57.691	8.517	2.983	7
4	12750	DB/WING TK 1 PS	74	89	FW	1.000	123.9		123.9						52.255	3.872	-3.138	92
5	12750	DB/WING TK 1 SB	74	89	FW	1.000	126.2		126.2						52.332	3.909	3.091	102
6	12750	DB/WING TK 2 PS	64	73	FD	0.900	45.8	41.2							43.441	1.733	-3.856	94
7	12750	DB/WING TK 2 SB	64	73	FD	0.900	58.8	53.0							44.525	2.281	4.189	94
8	12760	SEWAGE TK	68	73	MIS	1.000	13.1								45.425	2.931	-5.653	2
9	12750	TECH. FW	70	73	MIS	1.000	8.4								45.987	5.701	-6.311	1
10	7760	HD DROP TK	64	67	MIS	1.000	10.8								42.132	4.172	6.829	1
11	7760	HD STORE TK	64	70	HD	0.924	12.7								43.100	5.600	6.100	1
12	7760	SPARE TK	69	70	MIS	1.000	3.2								44.722	5.672	-6.419	0
13	7760	SPARE TK	68	69	MIS	1.000	3.4								44.073	5.659	-6.465	1
14	7760	LO STORES TK AUX. ENG.	66	68	LO	0.924	4.2								43.100	5.600	-6.100	0
15	7760	LO STORES TK THRUSTERS	64	66	LO	0.924	4.2								41.800	5.600	-6.100	0
16	7760	HD SUPPLY TK MAIN HYDRAULICS	63	64	LO	0.924	2.1								40.825	5.600	-6.100	0
17	7760	LO DROP TK	57	58	LO	0.924	1.15								36.925	0.600	0.975	0
18	7760	SLOP TK	26	28	LO	0.924	8.9								17.105	2.646	6.560	1
19	7760	DB/WING TK 3 PS	54	64	FD	0.900	58.6	52.7							38.532	1.796	-4.852	153
20	7760	DB TK 3 SB	54	64	FD	0.900	34.0	30.6							38.247	0.557	3.781	147
21	7760	FD DRAIN TK	57	59	MIS	1.000	1.5								36.925	0.600	-0.975	0
22	7760	BILGE WATER TK	54	57	MIS	1.000	4.3								35.646	0.586	-0.975	1
23	7760	SLUDGE OIL TK	54	57	MIS	1.000	4.3								35.646	0.586	0.975	1
24	7760	LO DIRTY OIL TK	54	58	MIS	1.000	3.8								35.931	0.527	2.629	1
25	7760	LO STORES TK MENG.	59	63	LO	0.924	8.5								39.200	5.600	-6.100	0
26	7760	FD SETTLING TK	59	64	FD	0.900	31.4	28.3							39.488	4.572	6.700	3
27	7760	FD SERVICE TK	54	59	FD	0.900	34.2	30.8							36.262	4.393	-6.763	3
28	7760	FD SERVICE TK	54	59	FD	0.900	34.2	30.8							36.262	4.393	6.763	3
29	7760	DB TK 4 PS	40	54	FD	0.900	88.2	79.4							30.767	1.079	-5.190	247
30	7760	DB TK 4 SB	40	54	FD	0.900	88.2	79.4							30.767	1.079	5.190	247
31	9000	WING TK 4 PS	40	54	BRI/WB/DW	1.025	58.9			60.4			147.3	58.9	30.749	4.925	-6.707	15
32	9000	WING TK 4 SB	40	54	BRI/WB/DW	1.025	58.9			60.4			147.3	58.9	30.749	4.925	6.707	15
33	9000	RIG CHAIN LCR.	48	55	BRI/WB/DW	1.025	194.7			199.6			486.9	194.7	33.177	4.235	0.000	384
34	7760	FD OVERFLOW TK	40	47	MIS	1.000	26.5								27.825	0.500	0.000	82
35	9000	GLYCOL/BRINE/MUD/WB/DW TK PS	44	50	BRI/MUD/WB/DW	2.500	73.3			75.1	183.2		183.2	73.3	30.100	4.287	-4.994	16
36	9000	GLYCOL/BRINE/MUD/WB/DW TK SB	44	50	BRI/MUD/WB/DW	2.500	73.3			75.1	183.2		183.2	73.3	30.100	4.287	4.994	16
37		CEMENT TK 1	40	47	CEM	2.160	56.0					121.0			27.825	4.145	0.000	15
38	9000	MUD TK 1 PS	37	43	MUD	2.500	73.3				183.2				25.550	4.287	-4.994	16
39	9000	MUD TK 1 SB	37	43	MUD	2.500	73.3				183.2				25.550	4.287	4.994	16
40	7760	DB/WING TK 5 PS	26	40	FD	0.900	143.8	129.4							20.928	2.719	-5.625	297
41	7760	DB/WING TK 5 SB	26	40	FD	0.900	134.9	121.4							21.181	2.724	5.563	297
42		CEMENT TK 2	33	40	CEM	2.160	56.0					121.0			23.275	4.145	0.000	15
43	9000	MUD TK 2 PS	30	36	MUD	2.500	73.3				183.2				21.000	4.287	-4.994	16
44	9000	MUD TK 2 SB	30	36	MUD	2.500	73.3				183.2				21.000	4.287	4.994	16
45		CEMENT TK 3	26	33	CEM	2.160	56.0					121.0			18.725	4.145	0.000	15
46	7760	DB/CENTRE TK 6	18	29	FD	0.900	33.8	30.4							15.577	0.538	0.000	122
47	9000	WING TK 6 PS	18	25	FW	1.000	50.5		50.5						13.312	4.300	-6.272	7
48		CEMENT TK 4	19	26	CEM	2.160	56.0					121.0			14.175	4.145	0.000	15
49	9000	WING TK 6 SB	18	25	FW	1.000	50.5		50.5						13.312	4.300	6.272	7
50	9000	WING TK 7 PS	9	18	WB/FW/DW	1.025	43.9		43.9	45.0				43.9	9.043	3.056	-3.113	63
51	9000	WING TK 7 SB	9	18	WB/FW/DW	1.025	43.9		43.9	45.0				43.9	9.043	3.056	3.113	63
52	9000	STAB TK 1	9	18	WB/FW/DW	1.025	256.0		256.0	262.5				256.0	8.358	5.530	0.000	1815
53	9000	STAB TK 2	3	9	WB/FW/DW	1.025	155.5		155.5	159.4				155.5	3.651	5.475	0.000	1117
54	9000	AFT PEAK PS	-6	3	FW	1.000	48.6		48.6						-1.383	5.328	-4.080	39
55	9000	AFT PEAK SB	-6	3	FW	1.000	48.6		48.6						-1.383	5.328	4.080	39
56		SAVE ALL TK	0	7	MIS	1.000	10.2								2.662	0.063	0.000	1
57	7760	LO STORES TK STERN TUBE	25	26	LO	0.924	2.0								16.125	5.200	-5.600	0
58	7760	LO STORES TK MAIN GEAR	25	26	LO	0.924	2.0								16.125	5.200	5.600	0
59		DRY TK	9	18	VOID		21.3								8.199	0.86	0.000	3.9
60		C/L	89	92	CHA		36.8								57.712	6.975	0.000	43.0
61		DRY TK	84	88	VOID		7.0								54.953	0.481	0.000	15.0
62		C/D #73-#74 SB	73	74			6.9								47.323	3.359	5.030	1.3
63		SEA TRUNK #73-#74 PS	73	74	VOID		3.8								47.323	4.925	-5.823	0.5
		TOTAL WEIGHTS						707.3	947.7	1086.7	1099.1	484.1	1147.9	1060.2				
		TOTAL VOLUMES						785.9	947.7	1060.2	439.7	224.1	459.2	1060.2				

NOTE:
ALL VOLUMES ARE APPROX. VALUES



TANKMARKING

PRINCIPAL PARTICULARS

LENGTH	O.A.	abt.	68.95 M
LENGTH	B.P.		60.45 M
BREADTH		(MLD.)	15.50 M
DEPTH MAIN DECK		(MLD.)	7.00 M
DESIGN DRAFT		(MLD.)	5.00 M
MAX DRAFT		(MLD.)	5.90 M

REV.	DATE	DESCRIPTION	COPIES	ISSUE TO
0	19/6/03		3	MARKETING

SWIRE PACIFIC OFFSHORE
MARINE SERVICES TO THE OFFSHORE INDUSTRY

300 BEACH ROAD #12-01
The Concourse
Singapore 199555 Tel:-62943088 Fax:- 62943211

Date: 19/6/03	Scale: NTS
Designed By:	Hull NO.:
Drawn: TWC	Eng. Proj. No.:
Checked:	Basic Design Appr'd:
Vessel Name: PACIFIC WRANGLER	
Title: TANK PLAN	
Drawing No.: WGL-TKCAP-01	Rev. 0

TKCAP