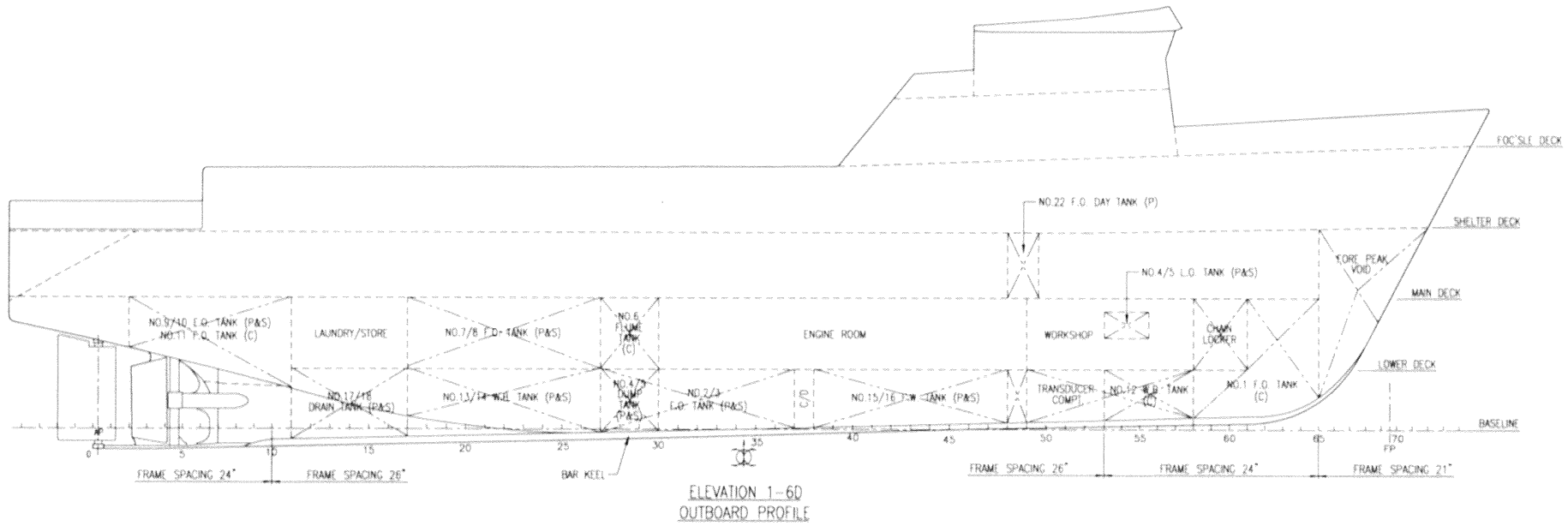
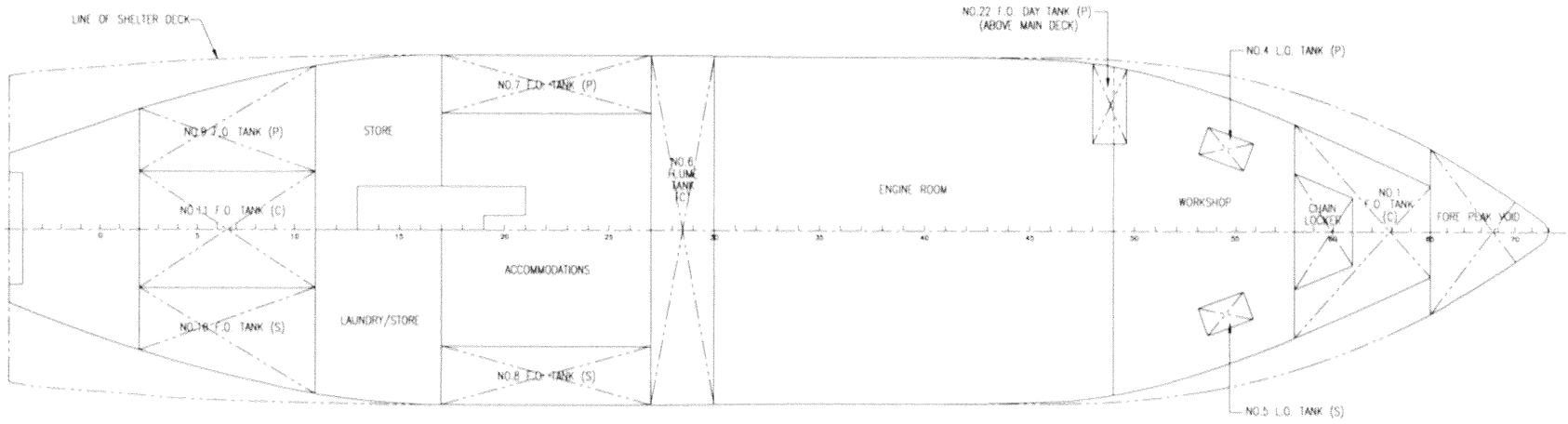
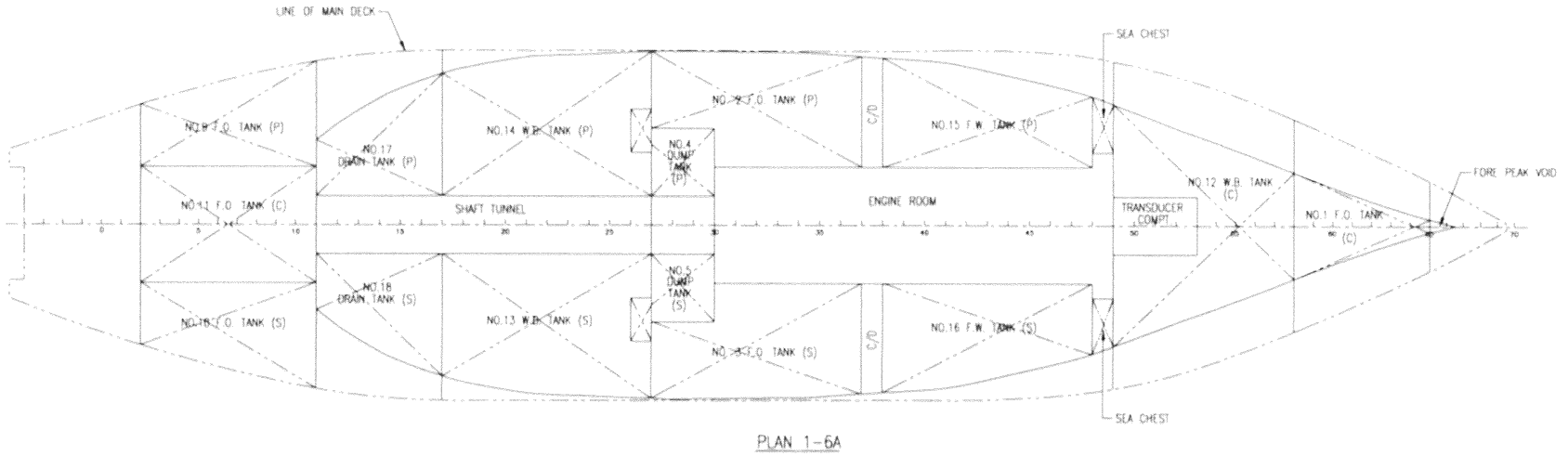


ELEVATION 1-6D
OUTBOARD PROFILE



PLAN 1-6B
BELOW MAIN DECK



PLAN 1-6A
BELOW LOWER DECK

TANK CAPACITIES AND CENTERS OF GRAVITY

Tank Description	Location (Frames)	Capacity 100% (m3)	Density (t/m3)	L.C.G. from ⊕ (m)	V.C.G. B.L. (m)	F.S. MOM. Max. (m-t)
NO. 1 FUEL OIL (C)	58-65	27.398	0.870	17.412f	3.062	26.96
NO. 2 FUEL OIL (P)	27-37	28.013	0.870	1.333a	1.343	18.49
NO. 3 FUEL OIL (S)	27-37	28.013	0.870	1.333a	1.343	18.49
NO. 7 FUEL OIL (P)	17-27	28.372	0.870	8.136a	3.296	2.88
NO. 8 FUEL OIL (S)	17-27	28.372	0.870	8.136a	3.296	2.88
NO. 9 FUEL OIL (P)	2-11	21.892	0.870	17.638a	3.685	10.63
NO. 10 FUEL OIL (S)	2-11	21.892	0.870	17.638a	3.685	10.63
NO. 11 FUEL OIL (C)	2-11	43.853	0.870	17.914a	3.300	17.03
NO. 22 FUEL OIL DAY (P)	48-50	5.704	0.870	9.518f	5.633	1.25
FORE PEAK VOID (C)	65-FWD	17.76	-	-	-	-
NO. 12 WATER BALLAST (C)	49-58	24.507	1.025	12.398f	1.469	73.88
NO. 13 WATER BALLAST (S)	17-27	32.681	1.025	7.830a	1.370	44.92
NO. 14 WATER BALLAST (P)	17-27	32.681	1.025	7.830a	1.370	44.92
NO. 4 FLUME DUMP (P)	26-30	9.124	1.025	4.105a	1.151	2.50
NO. 5 FLUME DUMP (S)	26-30	9.124	1.025	4.105a	1.151	2.50
NO. 6 FLUME (C)	27-30	52.148	1.025	3.887a	3.277	219.42
NO. 4 LUBE OIL (P)	53-56	1.255	0.900	13.247f	3.505	-
NO. 5 LUBE OIL (S)	53-56	1.255	0.900	13.247f	3.505	-
NO. 15 FRESH WATER (P)	38-48	20.817	1.000	5.255f	1.440	14.98
NO. 16 FRESH WATER (S)	38-48	20.817	1.000	5.255f	1.440	14.98
NO. 17 DRAIN (P)	11-17	7.794	1.025	12.911a	1.612	8.52
NO. 18 DRAIN (S)	11-17	7.794	1.025	12.911a	1.612	8.52

NOTE: FOR L.C.G. LOCATIONS, "a" DENOTES AFT AND "f" DENOTES FWD.

NOTICE:

THIS DRAWING WAS DEVELOPED FROM THE ORIGINAL HAND DRAWING NO. 120/004, REV.0 FROM FERGUSON INDUSTRIES LTD. PICTOU, NS.

Rev	Date	By	Remarks
1	10/03/08	TN	REDRAWN IN CAD WITH NEW TANK DATA

Lengkeek Vessel Engineering
11 Portland St. Suite 301 Dartmouth NS Canada B2Y 1H1 Tel. (902) 466-3094 www.lengkeek.ns.ca

Client: DFO-CCG

Title: C.C.G.S. "ALFRED NEEDLER"

TANK CAPACITY PLAN

Drawn By: TN		Date: 10/03/08	
Checked By: DC		Scale: 1/8"=1'-0"	Rev: 1
	Approval/Rev	DWG NO: 120 / 004	
Client			
Class			
Flag		Sht No: 1 of 1	

A1 SHT IMP