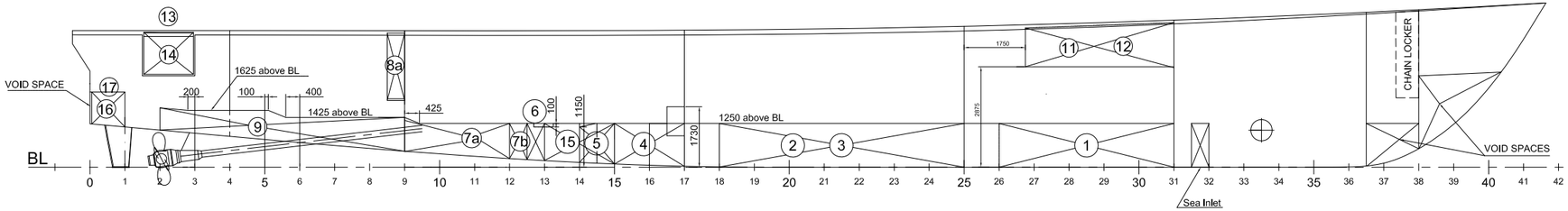


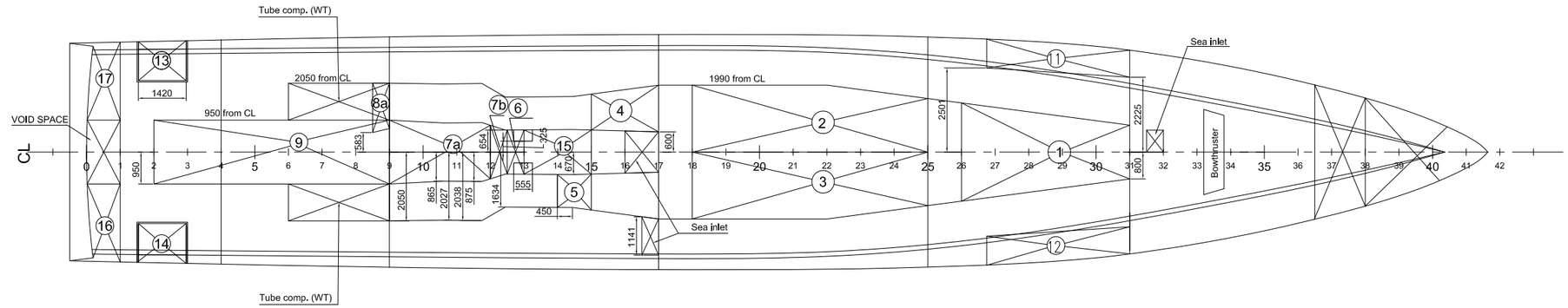
TANK VOLUME TABLE

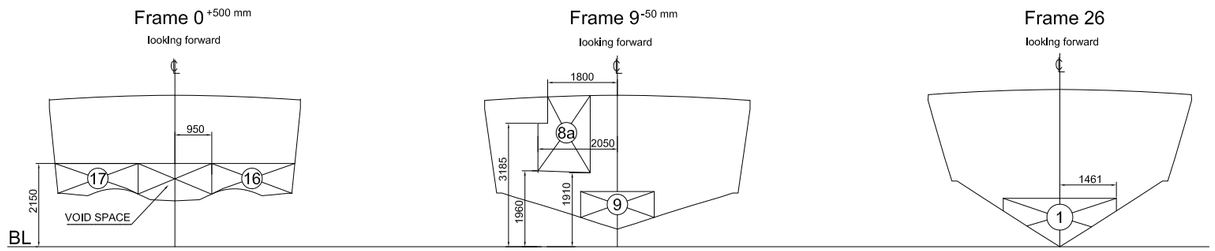
Tank No.	Tank Name	Frame Aft	Frame Fwd	Net Volume (m^3)	95% Volume (m^3)	Specific Gravity	Weight (tonne)	LCG (fmd FR 0) (m)	TCG (+ SB) (m)	VCG (above BL) (m)
	FUEL OIL									
Tk 1	FO Storage Tk	26.00	31.00	8.835	8.394	0.840	7.051	28.265	0.000	0.808
Tk 2	FO Service Tk PS	18.00	25.00	10.265	9.752	0.840	8.192	21.367	-0.767	0.811
Tk 3	FO Service Tk SB	18.00	25.00	10.265	9.752	0.840	8.192	21.367	0.767	0.811
Tk 8A	FO Day Tk	8.50	9.00	1.261	1.198	0.840	1.006	8.746	-1.301	2.868
Tk 9	FO Storage / Overflow Tk	2.00	9.00	8.488	8.064	0.840	6.774	5.704	0.000	1.182
	TOTAL FUEL OIL			**39.114**	**37.160**		**31.214**			
	GASOLINE									
Tk 13	Gasoline Tk PS	1.64	2.96	1.328	1.261	0.735	0.927	2.259	-2.763	3.277
Tk 14	Gasoline Tk SB	1.64	2.96	1.328	1.261	0.735	0.927	2.259	2.763	3.277
	TOTAL GASOLINE			**2.656**	**2.521**		**1.854**			
	FRESH WATER									
Tk 11	Fresh Water Tk PS	26.75	31.00	3.206	-	1.000	3.206	28.798	-2.710	3.531
Tk 12	Fresh Water Tk SB	26.75	31.00	3.206	-	1.000	3.206	28.798	2.710	3.531
	TOTAL FRESH WATER			**6.412**			**6.412**			
	LUBE OIL									
Tk 5	LO Storage Tk. ME	14.00	15.00	0.638	-	0.900	0.574	14.522	1.115	0.894
	TOTAL LUBE OIL			**0.638**			**0.574**			
	MISCELLANEOUS									
Tk 4	Bilge Water Tk	15.00	17.00	1.619	-	1.000	1.619	16.041	-1.162	0.896
Tk 6	Sewage Sludge Tk	12.50	13.00	0.575	-	1.000	0.575	12.748	0.000	0.771
Tk 7a	Grey Water Tk	9.00	12.00	3.994	-	1.000	3.994	10.517	0.000	0.874
Tk 7b	Black Water Tk	12.00	12.50	0.629	-	1.000	0.629	12.244	0.000	0.804
Tk 15	Dirty Oil & Sludge Tk	13.00	15.00	2.541	-	1.000	2.541	14.022	0.000	0.752
	TOTAL MISCELLANEOUS			**9.358**			**9.358**			
	BALLAST WATER									
Tk 16	Ballast Water Tk SB	Aft	1.90	1.495	-	1.025	1.532	0.541	2.005	1.758
Tk 17	Ballast Water Tk PS	Aft	1.90	1.495	-	1.025	1.532	0.541	-2.005	1.758
	TOTAL BALLAST WATER			**2.990**			**3.065**			

NOTES:

Void space situated between FR. 0 - FR. 1 will be filled with polyurethane foam.

Reference drawings:
6094-89940-03 LINES PLAN





MAIN DIMENSIONS:

Length moulded	42.800 m
Beam moulded	7.000 m
Depth at centerline (fr.14)	3.910 m
Depth at side (fr.14)	3.771 m
Least moulded depth at side (fr. 14)	3.771 m
Frame spacing (s)	1.000 m

CCGS PRIVATE ROBERTSON V.C.

Rev.	Date	Description	Perform	Check	Appr.
AF	25/04/12	AS-FITTED	RR	R.Creaser	B.Faulder

Client: CANADIAN COAST GUARD

international contract engineering

IRVING SHIPBUILDING INC.

P.O. Box 9110, 3099 Barrington Street, Halifax NS, Canada B3K 5M7, Tel: 902.423.9271, Fax: 902.429.4510

Title: TANK ARRANGEMENT, CAPACITY PLAN

MID-SHORE PATROL VESSEL

Scale: 1:50	Size: A0	Project No: 6094
Drawn by: G.Alexandru	Checked by: I.Mustata	Dwg. date: 15/06/2011
Draw.no: AF6094-89940-02		Rev. AF
Contract No. F7045-060001/002/NQ	Proj.	Sheet 1 of 1

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