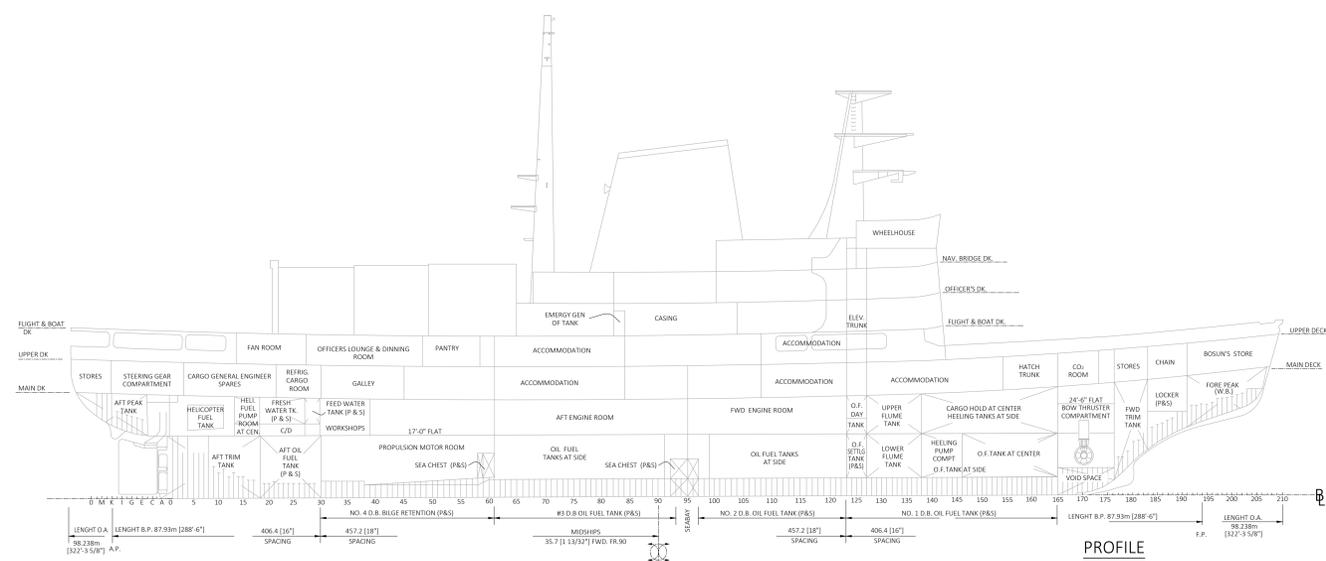


REFERENCES			
NO.	AUTEUR/AUTHOR	TITRE / TITLE	ID DOCUMENT
1	BURKARD DRY DOCK LTD	CAPACITY PLAN	68-H-106

REVISIONS			
NO.	DATE	DESCRIPTION	PAR / BY
0	02 NOV 2017	FIRST ISSUE	EL COLIN

NOTE:
 THIS DRAWING IS BASED ON DRAWING: 68-H-106 CAPACITY PLAN PRODUCED BY BURKARD DRY DOCK. THIS DRAWING HAS BEEN MODIFIED BY CONCEPT NAVAL TO INCLUDE CAPACITY MODIFICATIONS FOLLOWING INSTALLATION WORK OF THE MULTI-BEAM SOUNDER. CONCEPT NAVAL MODIFICATIONS TO THE DRAWING ARE INDICATED BY THE FOLLOWING:
 - NO. 1 D.B. OIL TANKS, CAPACITY MODIFICATION
 - HEELING TANK (S), CAPACITY MODIFICATION
 - VIEW BELOW 17'-0" FLAT ADDED
 - SOUNDER COMPARTMENT ADDED



PROFILE

RESERVOIR DE CARBURANT		OIL FUEL TANKS		D=0.837		S.G.=0.887	
RESERVOIR	LOCALISATION	VOLUME	TONNE	V.C.G.	L.C.G.	F.S.M.T	
RESERVOIR	COUPE	m ³	95% REMPLI	m A.B	m A.B.T.M.C	tm	
NO. 1 DOUBBLE FOND (B) NO. 1 D.B. OUF TK (P)	123-185	91.25	72.6	0.90	21.79 F	254	
NO. 1 DOUBBLE FOND (T) NO. 1 D.B. OUF TK (S)	123-185	99.3	79.8	0.91	21.96 F	254	
NO. 2 DOUBBLE FOND (B) NO. 2 D.B. OUF TK (P)	97-123	106.7	84.8	0.87	8.71 F	438	
NO. 2 DOUBBLE FOND (T) NO. 2 D.B. OUF TK (S)	97-123	115.5	91.8	0.88	8.97 F	461	
NO. 3 DOUBBLE FOND (B) NO. 3 D.B. OUF TK (P)	61-93	148.7	118.2	0.88	5.99 A	640	
NO. 3 DOUBBLE FOND (T) NO. 3 D.B. OUF TK (S)	61-93	148.7	118.2	0.88	5.99 A	640	
CAISSE PROFONDE AVANT (B) CENTER DEEP OUF TK (P)	146-185	147.4	117.2	3.43	28.39 F	117	
CAISSE PROFONDE AVANT (T) CENTER DEEP OUF TK (S)	146-185	147.4	117.2	3.43	28.39 F	117	
CAISSE PROFONDE ARRIERE (B) AFTER DEEP OUF TK (P)	18-30	106.2	84.4	3.2	29.71 A	119	
CAISSE PROFONDE ARRIERE (T) AFTER DEEP OUF TK (S)	18-30	106.2	84.4	3.2	29.71 A	119	
RESERVOIR LATERAL AVANT (B) FWD OUF WING TK (P)	138-158	60.7	48.3	3.73	24.41 F	19	
RESERVOIR LATERAL AVANT (T) FWD OUF WING TK (S)	138-158	60.7	48.3	3.73	24.41 F	19	
RESERVOIR DECATATION (B) OUF SETTLING TK (P)	123-127	73.8	58.7	4.4	15.86 F	91	
RESERVOIR DECATATION (T) OUF SETTLING TK (S)	123-127	73.8	58.7	4.4	15.86 F	91	
CAISSE JOURNALIERE OUF DAY TK	123-127	44.8	35.6	6.64	15.87 F	124	
LATRAL SW AVANT (B) FWD OUF WING TK (P)	95-123	115.9	92.2	5.34	9.34 F	5	
LATRAL SW AVANT (T) FWD OUF WING TK (S)	95-123	115.9	92.2	5.34	9.34 F	5	
LATRAL SW ARRIERE (B) AFT OUF WING TK (P)	61-95	140.3	111.6	5.21	5.87 F	6	
LATRAL SW ARRIERE (T) AFT OUF WING TK (S)	61-95	140.3	111.6	5.21	5.87 F	6	
RESERVOIR DE GITE (B) (REMP) HEELING TK (P) (FULL)	138-165	200.1	169.1	7.01	26.46 F	162	
RESERVOIR DE GITE (T) (REMP) HEELING TK (S) (FULL)	138-165	212.4	177.8	7.01	26.46 F	162	
RESERVOIR DE GITE (B) (N/T) HEELING TK (P) (WV)	138-165	101.5	84.6	6.13	26.25 F	141	
RESERVOIR DE GITE (T) (N/T) HEELING TK (S) (WV)	138-165	106.2	88.9	6.13	26.25 F	141	
RESERVOIR CARBURANT HELICO HELICOPTER FUEL TK	94-11	28.2	21.4	6.65	36.54 A	30	
RESERVOIR GENERATRICE D'URGENCE EMER. GEN. OUF TK	62-84	4.6	3.7	17.34	3.24 A	0	

ESPACE CARGO		FLUME TANKS (O/P)		D=0.837		S.G.=0.837	
COMPARTIMENT COMPARTMENT	LOCALISATION	VOLUME	TONNE	V.C.G.	L.C.G.	F.S.M.T	
CAIT AVANT CARGO HOLD							
MAGASIN CENTRAL GENERAL STORE							
MAGASIN CARGO CONSOLE REFRIGERATED CARGO ROOM							
CHAMBRE FRUITS ET LEGUMES FRUIT AND VEGETABLE ROOM							
CHAMBRE FRAICHE COOL ROOM							
PRODUITS LATTES DAIRY ROOM							
CONGELATION COOL ROOM							
MAGASIN PRODUITS SECHEES DRY PROVISION STORE							
MAGASIN DES PATATES POTATOE ROOM							

RESERVOIRS D'HUILE LUBRIFIANTE		LUB OIL TANK		D=0.900		S.G.=0.900	
RESERVOIR	LOCALISATION	VOLUME	TONNE	V.C.G.	L.C.G.	F.S.M.T	
RESERVOIR	COUPE	m ³	95% REMPLI	m A.B	m A.B.T.M.C	tm	
RESERVE (B) LO STORAGE TK (P)	115-122	11.8	11.8	6.43	13.07 F	3	
RESERVE (T) LO STORAGE TK (S)	115-122	11.8	11.8	6.43	13.07 F	3	
HUILE CONTAMINEE DIRTY LUB OIL TK	112-116	4.3	3.2	0.97	10.94 F	2	
DEFER PROPULSION ARI. PROP LO TK (AFT)	13-36	3.5	3	6.35	25.27 A	0	
DEFER PROPULSION AV. PROP LO TK (FWD)	36-39	3.5	3	6.35	24.07 A	0	
NO. 4 DOUBBLE FOND (B) NO. 4 D.B. OUF TK (P)	30-61	65.6	52.2	0.71	19.56 F	211	

RESERVOIRS DIVERS		MISCELLANEOUS		D=0.800		S.G.=1.00	
RESERVOIR	LOCALISATION	VOLUME	TONNE	V.C.G.	L.C.G.	F.S.M.T	
RESERVOIR	COUPE	m ³	95% REMPLI	m A.B	m A.B.T.M.C	tm	
ATTENTION DES SOUSMERS BIEN ATTENTION TK	116-120	4.2	4.2	9.88	12.72 F	2	
NO. 4 DOUBBLE FOND (T) NO. 4 D.B. OUF TK (S)	30-61	64	50.9	0.71	18.37 A	194	

RESERVOIRS D'EAU DE BALLAST		WATER BALLAST TANK		D=1.025		S.G.=1.025	
RESERVOIR	LOCALISATION	VOLUME	TONNE	V.C.G.	L.C.G.	F.S.M.T	
COQUELON AVANT FORD PEAK TK	18D-AV	100.9	103.4	8.28	43.69 F	241	
COQUELON ARRIERE AFT PEAK TK	AR-D	88.1	90.3	7.4	42.24 A	441	
CAISSE ASSIETTE AVANT FORWARD TRIM TK	136-189	127	104.4	7.16	38.87 F	642	
CAISSE ASSIETTE ARRIERE AFT TRIM TK	0-18	110.9	113.7	3.39	34.85 A	161	
RESERVOIR DE GITE (B) (REMP) HEELING TK (P) (FULL)	138-165	200.1	207.1	7.01	26.46 F	188	
RESERVOIR DE GITE (T) (REMP) HEELING TK (S) (FULL)	138-165	212.4	217.7	7.01	26.46 F	188	
RESERVOIR DE GITE (B) (N/T) HEELING TK (P) (WV)	138-165	101.5	103.5	6.13	26.25 F	173	
RESERVOIR DE GITE (T) (N/T) HEELING TK (S) (WV)	138-165	106.2	108.8	6.13	26.25 F	173	

RESERVOIRS D'EAU DOUCE		FRESH WATER TANK		D=0.800		S.G.=1.00	
RESERVOIR	LOCALISATION	VOLUME	TONNE	V.C.G.	L.C.G.	F.S.M.T	
RESERVOIR	COUPE	m ³	95% REMPLI	m A.B	m A.B.T.M.C	tm	
EAU POTABLE (B) FRESH WATER (P)	13-27	66.8	66.8	7.18	31.42 A	79	
EAU POTABLE (T) FRESH WATER (S)	13-27	66.8	66.8	7.18	31.42 A	79	
EAU D'ALIMENTATION (B) FEED WATER (P)	16	16	16	7.14	28.07 A	22	
EAU D'ALIMENTATION (T) FEED WATER (S)	27-30	16	16	7.14	28.07 A	22	

RESERVOIRS DE STABILISATION (Eau de mer)		FLUME TANKS (S/W)		D=1.025		S.G.=1.025	
RESERVOIR	LOCALISATION	VOLUME	TONNE	V.C.G.	L.C.G.	F.S.M.T	
RESERVOIR	COUPE	m ³	95% REMPLI	m A.B	m A.B.T.M.C	tm	
STABILISATION SUPERIEUR (100% REMPLI) UPPER FLUME TK (100% FULL)	127-138	267.9	274.6	6.81	18.92 F	2688	
STABILISATION INFERIEUR (100% REMPLI) LOWER FLUME TK (100% FULL)	127-138	275.5	282.4	3.41	18.89 F	2346	
STABILISATION SUPERIEUR (N/T) UPPER FLUME TK (N/T)	127-138	189.6	194.3	6.34	18.89 F	2346	
STABILISATION INFERIEUR (N/T) LOWER FLUME TK (N/T)	127-138	132	135.3	2.47	18.89 F	1967	

CARACTERISTIQUES PRINCIPALES		OWNERS	
LONGUEUR HORS-TOIT UNCLERK AND RL	98.238 m	CANADIAN COAST GUARD	
LONGUEUR ENTRE PERPENDICULAIRES UNCLERK BETWEEN PERPENDICULARS	87.933 m	PLAZE DE VILLE OTTAWA, ONTARIO CANADA K1A 0N7	
LONGUEUR HORIZONTELE (POINT PRINCIPAL) BESSON RL	13.507 m		
CREUX MOYENNE (POINT PRINCIPAL) MEAN DEPTH AT LOW WATER	10.820 m	PORT WELLS DRY DOCKS A DIVISION OF UPPER LAKES SHIPPING CO	
TRAMON (EPAU) (ETE) BRIDGE BT	7.438 m	ST CATHARINES, ONTARIO CANADA L9R 7C7	
JANKE BRETE	6097.80 ton	3810.53 m ³	0455.64
JANKE VETTE	1799.88		
LETTERS D'APPEL	CG04		
NUMERO OFFICIEL	802160		
PORT D'ENREGISTREMENT	Ottawa		
CLASSIFICATION	1504s - 100A1 - L.M.C		
CLASSIFICATION	ICE BREAKER		



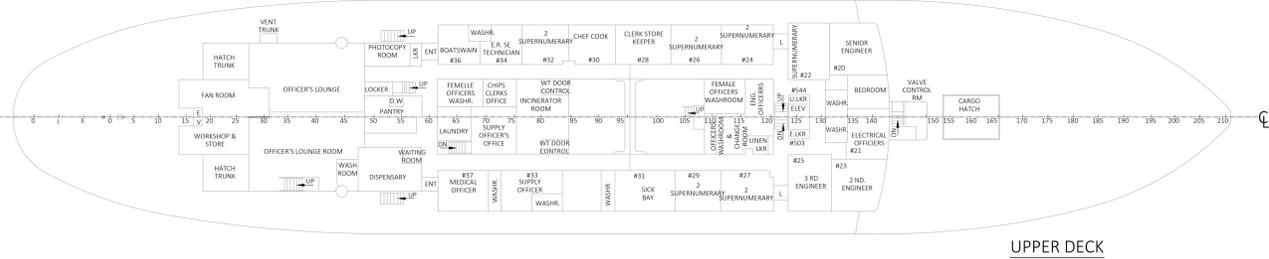
CLIENT: CANADIAN COAST GUARD
 PROJET/PROJECT: CCGS DESGROISELLIERS

TITRE/TITLE: CAPACITY PLAN

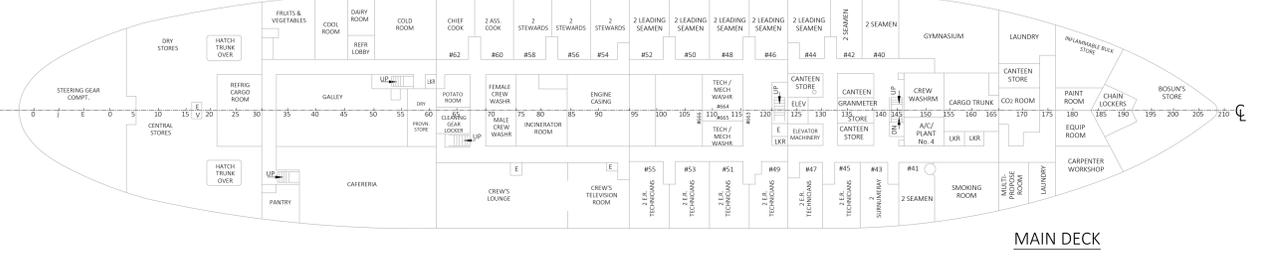
EGALISCALE 1/16" = 1" 1/2

NO. DESIGN DRAWING	REV.	NO. DESIGN CLIENT/CLIENT Dwg No
CLT-66-620-01	0	

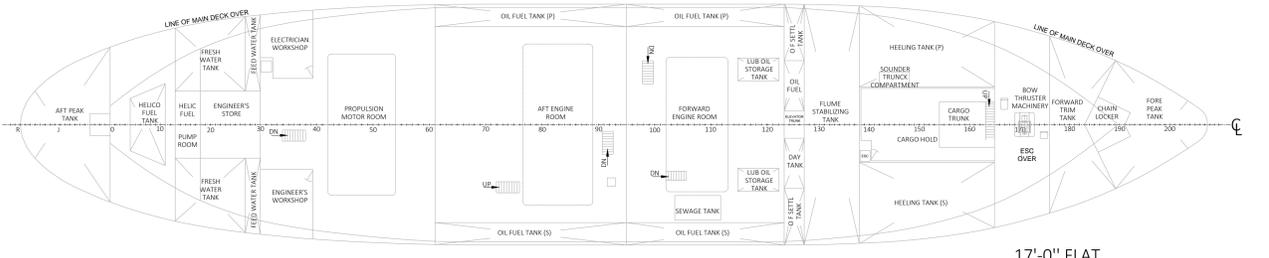
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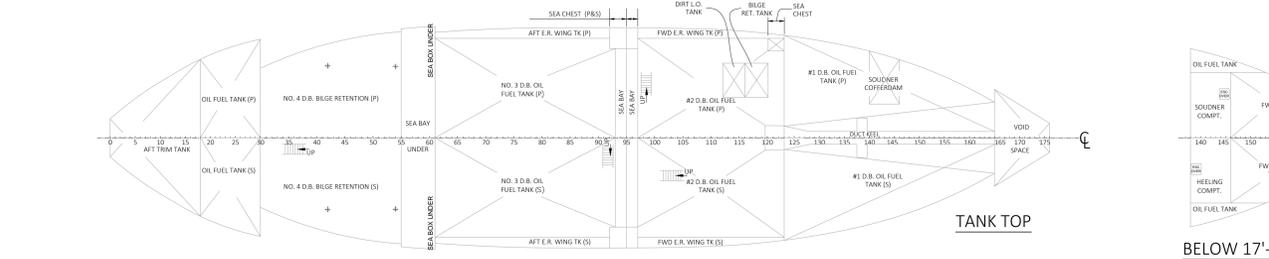
UPPER DECK



MAIN DECK



17'-0" FLAT



TANK TOP

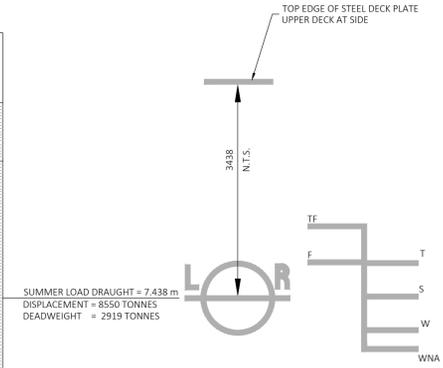
BELOW 17'-0" FLAT

FRANCBORD/FREEBOARD		TIRANT D'EAU /DRAUGHT		PORT EN LOURD/DEADWEIGHT	
MARQUE/MARK	MÈTRES/METERS	MÈTRES/METERS	D./S.G = 1,00	D./S.G. = 1,025	
TF	3.130	7.746	3170.0		
F	3.284	7.592	2940.0		
T	3.284	7.592		3154.0	
S	3.438	7.438		2919.0	
W	3.592	7.284		2686.0	
WNA	3.641	7.235		2611.0	

REFERENCES			
NO.	AUTEUR/AUTHOR	TITRE /TITLE	ID DOCUMENT
1	BURRARD DRY DOCK LTD	CAPACITY PLAN	68-H-106

REVISIONS			
NO.	DATE	DESCRIPTION	PAR / BY
0	02 NOV 2017	FIRST ISSUE	Q. COLIN

IN FRESH WATER (S.G. = 1.0)				IN SALT WATER (S.G. = 1.025)				EXTREME DRAUGHT (m)	FREE-BOARD (m)
DISPLACEMENT (TONNES)	DEADWEIGHT (TONNES)	M.C.T. 1 Cm (Tm)	T.P.Cm (TONNES)	KM _T (m)	T.P.Cm (TONNES)	M.C.T. 1 Cm (Tm)	DEADWEIGHT (TONNES)		
9000	3500	95		8.90		95	3500	8	3
8500	3000	90	15			90	3000	9000	
8000	2500	85		8.85	15	90	2500	8500	
7500	2000	80		8.83		85	2000	8000	4
7000	1500	75	14			80	1500	7500	
6500	1000	70		8.83	14	75	1000	7000	
6000	500	65		8.85		70	500	6500	6
5500	0	60	13			65	0	6000	
5000		55		9.00		60		5500	5
		50		9.10	13	55		5000	



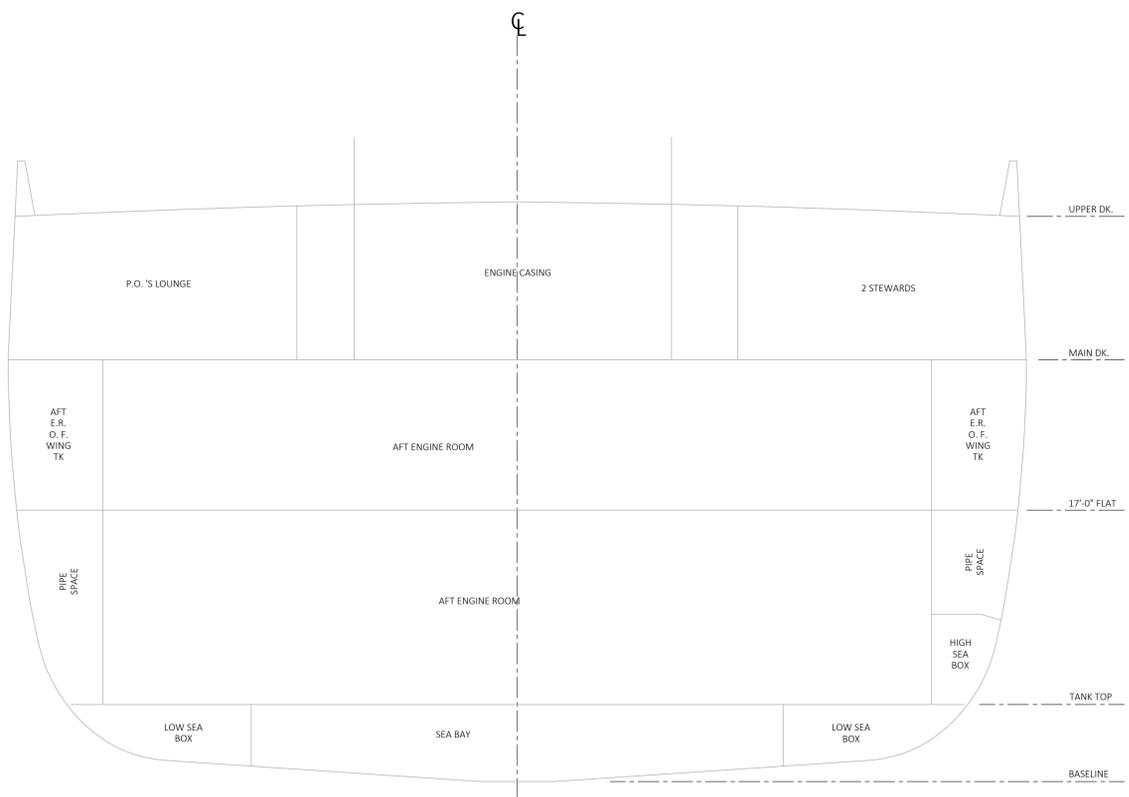
SUMMER LOAD DRAUGHT = 7.438 m
DISPLACEMENT = 8550 TONNES
DEADWEIGHT = 2919 TONNES

MAXIMUM "ARTIC 3" DRAUGHT = 6825 m (S.W.)
DISPLACEMENT = 7636 TONNES
DEADWEIGHT = 2005 TONNES

LIGHTSHIP DRAUGHT = 5.390 m (S.W.)
LIGHTSHIP = 5631 TONNES
L.C.G. = 1.940 m AFT. MIDSHIP
V.C.G. = 7.480 m ABOVE BASELINE



SECTION AT FR-125
LOOKING AFT



SECTION AT FR-94
(LOOKING AFT)

FRANCBORD/FREEBOARD		TIRANT D'EAU /DRAUGHT		PORT EN LOURD/DEADWEIGHT	
MARQUE/MARK	MÈTRES/METERS	MÈTRES/METERS	D./S.G = 1,00	D./S.G. = 1,025	
TF	3.130	7.746	3170.0		
F	3.284	7.592	2940.0		
T	3.284	7.592		3154.0	
S	3.438	7.438		2919.0	
W	3.592	7.284		2686.0	
WNA	3.641	7.235		2611.0	



CLIENT: CANADIAN COAST GUARD

PROJET/PROJECT: CCGS DESGROSEILLIERS

TITRE/TITLE: CAPACITY PLAN

ECHELLE/SCALE: 3/16" = 1' FEUILLE NO./SHEET NO.: 2 / 2

NOTES (LIMITATIVES / RESTRICTIONS):

NO. DESSIN /DWG NB.: C17-66-620-01	REV.: 0	NO. DESSIN CLIENT /CLIENT DWG NB.:
PRÉPARÉ/PREPARED: Q. COLIN	VÉRIFIÉ / CHECKED: L. B.	APPROUVÉ/APPROVED: S. LAGUE, ING.

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