

LEGEND

SYMBOL	PAINTING AREA	QTY	COATS	PAINTING SYSTEM	COLOUR	DFT (microns)
	PRECONSTRUCTION SHOP PRIMER	203 sqm	FC	Heat Resistant Zinc Silicate Shop (pre-construction) Primer providing good corrosion protection, with minimum production of zinc salts		15
	HULL OUTSIDE BELOW THE WATERLINE, SEA CHESTS	330 sqm	FC FC FC	Abrasion Resistant Pure Epoxy Coating pigmented with Aluminum Tar Free, Epoxy Tie Coating High performance, TBT Free, Polishing antifouling	Bronze Light Grey Grey	150 100 75
	HULL OUTSIDE ABOVE THE WATERLINE	162 sqm	FC FC FC	Abrasion Resistant Pure Epoxy Coating pigmented with Aluminum Tar Free, Epoxy Tie Coat Acrylic Polyurethane Finish	Bronze Light Grey Coast Guard Red 3000	125 75 50
	HULL OUTSIDE ABOVE THE WATERLINE (WHITE STRIPE)	10 sqm	FC FC FC	Abrasion Resistant Pure Epoxy Coating pigmented with Aluminum Tar Free, Epoxy Tie Coat Acrylic Polyurethane Finish	Bronze Light Grey White RAL 9003	125 75 50
	WEATHER DECK (without bridge top)	312 sqm	FC FC FC	Abrasion Resistant Pure Epoxy Coating pigmented with Aluminum Abrasion Resistant Pure Epoxy Coating pigmented with Aluminum Anti-corrosive Primer / Finish for decks All weather deck finishing paint is to be non-slip type-see note 15	Bronze Aluminium Deck Grey RAL 7042	125 125 125
	WEATHER DECK ( bridge top)	48 sqm	FC FC	Fast drying, High performance, Universal Alkyd Primer Acrylic Gloss Enamel Finish All weather deck finishing paint is to be non-slip type-see note 15	Aluminium Signal White RAL 9003	75 35
	THE CAPSTAN MACHINERY	4 sqm	FC FC	Fast drying, High performance, Universal Alkyd Primer Acrylic Gloss Enamel Finish	Grey Stripes/Buf RAL Design 0707040	75 35
	BOLLARDS, FAIRLEADS & CAPSTAN DRUMS	6 sqm	FC FC FC	Fast drying, High performance, Universal Alkyd Primer Fast drying, High performance, Universal Alkyd Primer Acrylic Gloss Enamel Finish	Red Grey Semi Gloss Black RAL 9004	75 75 35
	THE BULKWARK INNER SURFACE ON FWD FOC'SLE ABOVE MAIN DECK	49 sqm	FC FC FC	Fast drying, High performance, Universal Alkyd Primer Fast drying, High performance, Universal Alkyd Primer Acrylic Gloss Enamel Finish	Red Grey Semi Gloss Black RAL 9004	75 75 35
	ALL RAILS MAIN DECK & BRIDGE DECK & ALL LIFE RAILS FOR STAIR	161 sqm	FC FC FC	Fast drying, High performance, Universal Alkyd Primer Fast drying, High performance, Universal Alkyd Primer Acrylic Gloss Enamel Finish	Red Grey Semi Gloss Black RAL 9004	75 75 35
	50 CALBER MOUNTS ON THE BRIDGE DECK	4 sqm	FC FC FC	Fast drying, High performance, Universal Alkyd Primer Fast drying, High performance, Universal Alkyd Primer Acrylic Gloss Enamel Finish	Red Grey Semi Gloss Black RAL 9004	75 75 35
	SUPERSTRUCTURE OUTSIDE ( ALUMINIUM)	153 sqm	FC FC	Fast drying, High performance, Universal Alkyd Primer Acrylic Gloss Enamel Finish	White RAL 9003	75 35
	MAST & SLEWING DAVIT	88 sqm	FC FC	Fast drying, High performance, Universal Alkyd Primer Acrylic Gloss Enamel Finish	Grey Stripes/Buf RAL Design 0707040	75 35
	SUPERSTRUCTURE INSIDE WITHOUT PANELLING ( ALUMINIUM)	212 sqm	FC FC	Fast drying, High performance, Universal Alkyd Primer Acrylic Gloss Enamel Finish		75 35
	HULL INSIDE WITHOUT PANELING (AMR, MMR, STEERING GEAR COMPARTMENT AND BOWTHRUSTER ROOM	425 sqm	FC	Fast drying, High performance, Universal Alkyd Primer Acrylic Gloss Enamel Finish	RAL 9002	75 35
	BELOW FLOOR OF MMR, AMR, STEERING GEAR COMPARTMENT AND BOWTHRUSTER ROOM	287 sqm	10% SC FC FC	Abrasion Resistant Pure Epoxy Coating pigmented with Aluminum Abrasion Resistant Pure Epoxy Coating pigmented with Aluminum Abrasion Resistant Pure Epoxy Coating pigmented with Aluminum	Bronze Aluminium Bronze	0 125 125
	STEELWORK BEHIND PANELING (ACCOMMODATION, ETC)	234 sqm	FC	Fast drying, High performance, Universal Alkyd Primer		80
	FORE PEAK AND CHAIN LOCKER VOID SPACE	150 sqm	10% SC FC FC	Abrasion Resistant Pure Epoxy Coating pigmented with Aluminum Abrasion Resistant Pure Epoxy Coating pigmented with Aluminum Abrasion Resistant Pure Epoxy Coating pigmented with Aluminum	Bronze Aluminium Bronze	0 125 125
	FUEL OIL TANKS AND LUBE OIL TANKS (INTERNAL WELDS)		SC	A quick drying two pack epoxy holding primer / tie coat	RED	<25.5
	BALLAST TANK, GREY WATER TANKS	90 sqm	FC 15 % SC FC	A Light Colored, Ultra High Solids, Tar Free, Pure Epoxy tank coating A Light Colored, Ultra High Solids, Tar Free, Two pack Epoxy tank coating A Light Colored, Ultra High Solids, Tar Free, Two pack Epoxy tank coating	Buff Grey Grey	150 0 250
	FRESH WATER TANKS	44 sqm	FC 15 % SC 15 % SC	A two component, Solvent Free, Heavy Duty Epoxy tank coating A two component, Solvent Free, Heavy Duty Epoxy tank coating A two component, Solvent Free, Heavy Duty Epoxy tank coating	White Cream White	300 0 0

FC = Full Coat  
SC = Stripe Coat

NOTES

- All primer and paints which are to be applied shall be of good quality, corresponding to the marine environment.
- All the operations for scale removal, coating with shopprimer, rust removal and painting shall be performed according to the painter's instructions and to the builder's standard.
- The painting shall be performed according to the given scheme with one of the methods, indicated by supplier (air spray, airless spray, brush, roller) under favorable atmospheric conditions (observing the humidity and temperature limits, recommended by the supplier), with sufficient time between the layers to insure the complete drying.
- Attention shall be paid to avoid sharp edges and other paint unfriendly construction details in order to optimize the protection and maintainability of the paint system.
- For future maintenance, the builder shall supply a Painting Manual of the complete Vessel, including maintenance procedures, materials to use and further relevant recommendations and information.
- The steel used for the construction of the vessel, shall be cleaned of mill scale by blast-cleaning and then coated with a primer prior to the construction of the hull.
- The plate primer shall have no detrimental effect on subsequent welding work and shall also be compatible with other subsequent paint or coating applied.
- All damage due to welding and burning shall be mechanically cleaned to SSPC SP2 or SP3 minimum and touched up with primer.
- Galvanized surfaces shall be cleaned and coated with a primer before being painted. The paint specification for galvanized surfaces is same as for steel.
- The exterior hull and deckhouse plating of the Vessel shall be painted in accordance with standard Canadian Coast Guard colours as detailed in Fleet Circular-Canadian Coast Guard Identity Colour Standard-CF-08-2007 and Canadian Coast Guard Identity Program TP-4011.
- The Vessel shall be fitted for, but not with, removable marking to be provided by Canada as required by Canadian Coast Guard and the Royal Canadian Mounted Police (RCMP) for identifying the Marine Security (MS) Vessel.
- Gasline tanks shall not be painted inside or outside with exception of outboard face which shall be treated the same as the exterior hull (stainless steel construction).
- Non skid for weather deck paint shall be achieved by adding Glass Bead non skid compound.
- The void spaces below the tank top between frames 36.5 and 40 will be stripe coated only.
- The void space between the ballast tanks between frames 0 and 1 will be stripe coated and then filled with polyurethane foam.
- The interior of the stern tubes should be treated in the same manner as the exterior underwater hull.




REFERENCES:

- AF6095-60940-01 General Arrangement Plan

MAIN DIMENSIONS:

Length moulded	42,800 m
Beam moulded	7,000 m
Max. air draught	18,320 m
Extreme appendage,	
Draught aft at marks	2,796 m
Depth at centreline (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
Crew	14

CCGS CAPORAL KAEBLE V.C.

AF	19/07/12	AS-FITTED	RR	R.Creaser	B.Faulder
Rev	Date	Description	Perform	Check	Appr.
Client:			Title:		
CANADIAN COAST GUARD			PAINT SCHEDULE		
			MID-SHORE PATROL VESSEL		
			Scale: 1:100	Size: A0	Project No: 6094
P.O. Box 9110, 3099 Barrington Street, Halifax NS, Canada B3M 0M7, Tel: 902-425-0271, Fax: 902-425-4510			Drawn by: A.Popa	Checked by: G.Nastase	Dwg. date: 25/05/2011
Contract No: F7045-060001002NQ			AF6095-63100-01		
Proj: 			Rev: AF		
			© IRVING SHIPBUILDING INC. 2009		
			Sheet: 1 of 1		

THE GOVERNMENT OF CANADA HAS A LICENCE FOR THIS DRAWING UNDER CONTRACT NO F7045-060001002NQ. THE INFORMATION AND DATA CONTAINED HEREIN ARE PROPRIETARY TO IRVING SHIPBUILDING INC. AND ARE NOT TO BE USED, COPIED, REPRODUCED, DUPLICATED OR DISCLOSED TO OTHERS, IN WHOLE OR IN PART, WITHOUT PRIOR WRITTEN CONSENT OF IRVING SHIPBUILDING INC. ALL RIGHTS RESERVED.