



## CCGS MARTHA L. BLACK


**Official Number: 806313 Call Sign: CGCC**

### VESSEL SPECIFICATIONS

**Length :** 83.0 m  
**Breadth :** 16.2 m  
**Draft :** 6.1 m  
**Freeboard :** 1.7 m  
**Gross Tonnage :** 3818.1 t  
**Net Tonnage :** 1529.4 t  
**Cruising Range :** 14500 nm  
**Endurance :** 120 d  
**Cruise Spd :** 14.0 kts

**Maximum Spd :** 15.1  
**Fresh Water :** 101.30 m<sup>3</sup>  
**Fuel Capacity :** 1086.00 m<sup>3</sup>  
**Fuel Consumption :** 6.50 m<sup>3</sup>/d  
**Ice Class :** Arctic Class 2  
**Class of Voyage :** Unlimited - beyond 2000nm  
**MARPOL :** Yes  
**IMO :** 8320432

### ENGINEERING

**Propulsion :** Diesel Electric AC/AC  
**Propulsion Desc.:** (3) x Alco - 251F  
**Power :** 5250 kw  
**Propellers :** (2) x Fixed Pitch  
**Thrusters :** Bow: Yes Stern: No  
**Emer.Gen Set :** (1) x Caterpillar - 3306  
**Generators :** (1) x Caterpillar - 3508

### GENERAL OPERATION AND CREWING

**Vessel Class :** High Endurance Multi-Tasked Vessel  
**Port of Registry :** Ont. - Ottawa  
**Home Region :** Central and Arctic  
**Home Port :** Que. - Québec  
**Vessel Status :** Active  
**Complement :** 26  
**Officers :** 10  
**Crew :** 16  
**Berths Available :** 26  
**Crewing Regime :** Layday

### CONSTRUCTION DETAILS

**Builder :** Versatile Pacific Inc.  
**Build Material :** Steel  
**Ownership :** Canadian Coast Guard  
**Year Launched :** 1985  
**Year in Service :** 1985  
**Year Disposed :** NA

### HELICOPTER FACILITIES

**Helo Capacity :** 1  
**Type 1 :** MBB - Bo105  
**Type 2 :** Bell - 206L  
**Type 3 :** Bell - 206B  
**Type 4 :** NA  
**Flight Deck :** Yes **Area :** 195.0 m<sup>2</sup>  
**Hangar :** Yes **Area :** 103.0 m<sup>2</sup>  
**Storage :** Yes **Fuel :** 22.8 m<sup>3</sup>

### DECK EQUIPMENT

**Main Hoist :** Speedcrane **SWL :** 20.0 t  
**Crane 1 :** HIAB Seacrane **SWL :** NA  
**Crane 2 :** HIAB Seacrane **SWL :** NA  
**Crane 3 :** N/A **SWL :** NA  
**Towing Equip. :** Winch **Bollard Pull :** NA  
**Workboat 1 :** RHIB **Launcher :** Miranda Davit  
**Workboat 2 :** SP Barge **Launcher :** Standard Davit  
**Workboat 3 :** RHIB **Launcher :** HIAB - Seacrane  
**Workboat 4 :** N/A **Launcher :** N/A

### COMMS AND NAVIGATION EQUIPMENT

**VHF AM :** (1) x Collins - 251  
**VHF FM :** (1) x Sailor - RT-146  
**HF :** (1) x Motorola - Micom  
**SatComms :** (1) x Westinghouse Series 1000 Msat  
**Gyro :** (2) x Anschutz - Standard 20  
**Radars 1 :** Sperry Marine - Bridgemaster E - X Band  
**Radars 2 :** Sperry Marine - Bridgemaster E - S Band  
**Radars 3 :** Sperry Marine - Bridgemaster II - X Band  
**Weather Fax :** (1) x Furuno - Fax 208

**Elec. Charts :** (1) x ICAN Aldebaran II  
**Auto Pilot :** (1) x Wagner Mk 6  
**Speed Logs :** (1) x Sperry Marine - SRD-331  
**GPS :** (1) x Magnavox - MX200, (1) x SAAB - R4 (AIS)  
**MF DF :** (1) x Taiyo - C338 HS  
**VHF DF :** (1) x OAR - Cubic 320  
**Depth Sounders :** (1) x Elac - LAZ-72  
**Sonar :** N/A





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### HOLDS AND DECK SPACE

Hold #1 : 980.0 m<sup>3</sup>  
 Hold #2 : NA  
 Main Deck : 330.0 m<sup>2</sup>  
 Boat Deck : 168.0 m<sup>2</sup>  
 Forecastle : 78.0 m<sup>2</sup>  
 After Deck : 133.0 m<sup>2</sup>

Hatch Size : 5.5 x 5.0  
 Hatch Size : N/A

### SCIENTIFIC EQUIPMENT

Lab No. 1 : Hydrographic  
 Lab No. 2 : No  
 Lab No. 3 : No  
 Lab No. 4 : No  
 Scientific LAN : No  
 Scientific Winches : No  
 Scientific Sounders: N/A  
 Power on Deck: Hydraulic: No

Area : 25.0 m<sup>2</sup>  
 Area : NA  
 Area : NA  
 Area : NA

Electrical: No

### CONTAINER CAPACITY

Focsle : 1  
 Boat Deck : NA  
 Flight Deck : 1  
 After Deck : NA  
 Other :

### BIOGRAPHICAL INFORMATION

Martha Louise Black (1866-1957). Born in Chicago, Illinois, Martha Black immigrated to Canada during the Yukon Gold Rush, and became one of the pioneering settlers of the Yukon. She made her living by staking gold mining claims, and running a saw mill. In 1935 she was elected to Canada's Parliament, becoming the second women ever to be elected to the House of Commons. Her great love of botany and the Yukon led her to be awarded the Order of British Empire for 'cultural and social contributions to the Yukon.'

### MODERNIZATION INFORMATION

### VESSEL IMAGES

