



## CCGS M. CHARLES M.B.

Official Number: 838229 Call Sign: CGMC

## VESSEL SPECIFICATIONS

**Length** : 42.8 m  
**Breadth** : 7.0 m  
**Draft** : 2.2 m  
**Freeboard** : 1.6 m  
**Gross Tonnage** : 253.0 t  
**Net Tonnage** : 75.0 t  
**Cruising Range** : 2156 nm  
**Endurance** : 14 d  
**Cruise Spd** : 12.5 kts

**Maximum Spd** : 24.0  
**Fresh Water** : 6.50 m<sup>3</sup>  
**Fuel Capacity** : 34.50 m<sup>3</sup>  
**Fuel Consumption** : 4.80 m<sup>3</sup>/d  
**Ice Class** : none  
**Class of Voyage** : Near Coastal Class 1  
 - limited HT2  
**MARPOL** : Yes  
**IMO** : 9586100

## ENGINEERING

**Propulsion** : Geared Diesel  
**Propulsion Desc.:** (2) x MTU - 4000M  
**Power** : 4992 kw  
**Propellers** : (2) x Controllable Pitch  
**Thrusters: Bow** : Yes **Stern** : No  
**Emer.Gen Set** : (1) x Northern Lights - M1064  
**Generators** : (2) x Northern Lights - M1066

## GENERAL OPERATION AND CREWING

**Vessel Class** : Mid Shore Patrol Vessel  
**Port of Registry** : Ont. - Ottawa  
**Home Region** : Western Region  
**Home Port** : B.C. - Victoria  
**Vessel Status** : Active  
**Complement** : 9  
**Officers** : 5  
**Crew** : 4  
**Berths Available** : 14  
**Crewing Regime** : Layday

## CONSTRUCTION DETAILS

**Builder** : Irving Shipbuilding Inc.  
**Build Material** : Steel and Aluminium  
**Ownership** : Canadian Coast Guard  
**Year Launched** : 2014  
**Year in Service** : 2014  
**Year Disposed** : NA

## HELICOPTER FACILITIES

**Helo Capacity** : NA  
**Type 1** : NA  
**Type 2** : NA  
**Type 3** : NA  
**Type 4** : NA  
**Flight Deck** : No **Area** : NA  
**Hangar** : No **Area** : NA  
**Storage** : No **Fuel** : NA

## DECK EQUIPMENT

**Main Hoist** : Allied Marine  
 TB10-23 **SWL** : 3.1 t  
**Crane 1** : N/A **SWL** : NA  
**Crane 2** : N/A **SWL** : NA  
**Crane 3** : N/A **SWL** : NA  
**Towing Equip.** : Nylon Braid Rope  
**Workboat 1** : RHIB rescue boat **Bollard Pull** : NA  
**Workboat 2** : RHIB **Launcher** : Welin Lambie -  
 PIV-1A  
**Workboat 3** : N/A **Launcher** : Allied - Marine  
 TB10-23  
**Workboat 4** : N/A **Launcher** : N/A  
**Launcher** : N/A

## COMMS AND NAVIGATION EQUIPMENT

**VHF AM** : (1) x ICOM - IC-A120  
**VHF FM** : (2) x Sailor - 6222  
**HF** : (1) x Sailor - 6301  
**SatComms** : (1) x Sailor SC4000 Iridium  
**Gyro** : (1) x Sperry - SR2100  
**Radars 1** : Furuno - FAR 3220 Series - X Band  
**Radars 2** : Furuno - FAR 3220 Series - S Band  
**Radars 3** : N/A  
**Weather Fax** : N/A

**Elec. Charts** : (1) x  
**Auto Pilot** : (1) x Sperry Navipilot 4000  
**Speed Logs** : (1) x Sperry Marine - Naviknot 350 E  
**GPS** : (1) x SAAB - R5 Supreme  
**MF DF** : N/A  
**VHF DF** : (1) x OAR - Cubic DF4400  
**Depth Sounders** : (1) x Simrad - S2016 / S5100  
**Sonar** : N/A





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### HOLDS AND DECK SPACE

Hold #1 : NA  
 Hatch Size : N/A  
 Hold #2 : NA  
 Hatch Size : N/A  
 Boat Deck : 22.0 m<sup>2</sup>  
 Forecastle : 28.8 m<sup>2</sup>  
 After Deck : 65.0 m<sup>2</sup>

### SCIENTIFIC EQUIPMENT

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

### CONTAINER CAPACITY

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

### BIOGRAPHICAL INFORMATION

Canadian Coast Guard Deckhand Martin Charles, S.C., M.B., of Bamfield, British Columbia, and Hereditary Chief of the Nitinat Band, now deceased, devoted his life and career to saving lives. He earned the Medal of Bravery for his instrumental role in the 1976 search and rescue incident that began with a sunken fishing vessel and ended with the crash of the helicopter assisting in the rescue efforts. Last update: December 15, 2022

### MODERNIZATION INFORMATION

Vessel number 8 in the series.

### VESSEL IMAGES

