



CCGS M. CHARLES M.B.



Official Number: 838229 Call Sign: CGMC

VESSEL SPECIFICATIONS

Length : 42.8 m
Breadth : 7.0 m
Draft : 2.8 m
Freeboard : 1.7 m
Gross Tonnage : 253.0 t
Net Tonnage : 75.0 t
Cruising Range : 2000 nm
Endurance : 14 d
Cruise Spd : 14.0 kts
Maximum Spd : 25.0
Fresh Water : 6.50 m³
Fuel Capacity : 34.00 m³
Fuel Consumption : NA
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 : 5
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 **Bollard Pull :** NA
Workboat 1 : RHIB rescue boat **Launcher :** Welin Lambie - PIV-1A
Workboat 2 : RHIB **Launcher :** Allied - Marine TB10-23
Workboat 3 : RHIB **Launcher :** Allied - Marine TB10-23
Workboat 4 : N/A **Launcher :** N/A

COMMS AND NAVIGATION EQUIPMENT

VHF AM : (1) x Jotron - TR7725
VHF FM : (2) x Sailor - RT-4800
HF : (2) x Motorola - Micom
SatComms : (1) x Sailor SC4000 Iridium
Gyro : (1) x Sperry - SR2100
Radars 1 : Sperry Marine - Visionmaster FT - X Band
Radars 2 : Sperry Marine - Visionmaster FT - S Band
Radars 3 : N/A
Weather Fax : N/A
Elec. Charts : (2) x ICAN Aldebaran II
Auto Pilot : (1) x Sperry Navipilot 4000
Speed Logs : (1) x Sperry Marine - Naviknot 450D
GPS : (1) x SAAB - R4 (AIS)
MF DF : N/A
VHF DF : (1) x OAR - Cubic DF4400
Depth Sounders : (1) x Simrad - ES60
Sonar : N/A





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HOLDS AND DECK SPACE

Hold #1 : NA
 Hold #2 : NA
 Boat Deck : 22.0 m²
 Forecastle : 28.8 m²
 After Deck : 65.0 m²

Hatch Size : N/A
 Hatch Size : N/A

SCIENTIFIC EQUIPMENT

Lab No. 1 : Area : NA
 Lab No. 2 : Area : NA
 Lab No. 3 : Area : NA
 Lab No. 4 : Area : NA
 Scientific LAN : No
 Scientific Winches :
 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 :

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.

MODERNIZATION INFORMATION

Vessel number 8 in the series.

VESSEL IMAGES

