



CCGS VECTOR

Official Number: 328079 Call Sign: CGBW

VESSEL SPECIFICATIONS

Length : 39.7 m
Breadth : 9.5 m
Draft : 3.5 m
Freeboard : NA
Gross Tonnage : 515.0 t
Net Tonnage : 187.0 t
Cruising Range : 3500 nm
Endurance : 14 d
Cruise Spd : 9.0 kts

Maximum Spd : 11.0
Fresh Water : 51.50 m³
Fuel Capacity : 73.50 m³
Fuel Consumption : 1.80 m³/d
Ice Class: none
Class of Voyage: Near Coastal
MARPOL: Yes
IMO : 6717760

ENGINEERING

Propulsion: Geared Diesel
Propulsion Desc.: (1) x Caterpillar - 3508
Power : 615 kw
Propellers: (1) x Controllable Pitch
Thrusters: Bow: Yes Stern: No
Emer.Gen Set: N/A
Generators: (1) x Caterpillar - 3306
 (1) x Caterpillar - 3406

GENERAL OPERATION AND CREWING

Vessel Class : Mid Shore Science Vessel
Port of Registry : Ont. - Ottawa
Home Region : Western Region
Home Port : B.C. - Patricia Bay
Vessel Status : Active
Complement : 13
Officers : 5
Crew : 8
Berths Available : 10
Crewing Regime : Layday

CONSTRUCTION DETAILS

Builder : Yarrows Ltd.
Build Material : Steel
Ownership : Canadian Coast Guard
Year Launched : 1967
Year in Service : 1967
Year Disposed : NA

HELICOPTER FACILITIES

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

Area : NA
Area : NA
Fuel : NA

DECK EQUIPMENT

Main Hoist : HIAB Seacrane
Crane 1 : unknown - Hydraullic Knuckleboom
Crane 2 : A Frame
Crane 3 : A Frame
Towing Equip. : Wire Tow Line
Workboat 1 : RHIB
Workboat 2 : N/A
Workboat 3 : N/A
Workboat 4 : N/A

SWL : 4.3 t
SWL : 0.6 t
SWL : 4.5 t
SWL : 4.0 t

Bollard Pull : NA
Launcher : HIAB - Seacrane
Launcher : N/A
Launcher : N/A
Launcher : N/A

COMMS AND NAVIGATION EQUIPMENT

VHF AM: (1) x Collins - 251
VHF FM: (1) x Motorola - O5
 (1) x Icom - IC-M604
 (1) x Sailor - 6222
HF: (1) x Sailor - 6301
SatComms: (1) x Sailor SC4000 Iridium
Gyro: (1) x Sperry - Mk 37
Radars 1 : Furuno - X Band
Radars 2 : Furuno - S Band
Radars 3 : N/A
Weather Fax: (1) x Furuno - Fax 208

Elec. Charts: (1) x
Auto Pilot: (1) x Sperry Navipilot 4000
Speed Logs: (1) x Skipper - EML224
GPS: (2) x SAAB - R4 (AIS)
MF DF: N/A
VHF DF: (1) x Rhotheta - 500 M
Depth Sounders: (1) x Furuno - FCV-1000, (1) x null
Sonar: N/A





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HOLDS AND DECK SPACE

Hold #1 : NA
Hold #2 : NA
Main Deck : 56.0 m²
Boat Deck : 20.0 m²
Forecastle : 21.0 m²

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

SCIENTIFIC EQUIPMENT

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

Area : 86.4 m²
Area : NA
Area : NA
Area : NA

Electrical: Yes

CONTAINER CAPACITY

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

BIOGRAPHICAL INFORMATION

Last update: December 15, 2022

MODERNIZATION INFORMATION

VESSEL IMAGES

