



CCGS CYGNUS



Official Number: 800742 Call Sign: CGDW

VESSEL SPECIFICATIONS

Length : 62.4 m
Breadth : 12.2 m
Draft : 4.0 m
Freeboard : 0.9 m
Gross Tonnage : 1234.0 t
Net Tonnage : 370.0 t
Cruising Range : 10800 nm
Endurance : 25 d
Cruise Spd : 13.0 kts

Maximum Spd : 16.0
Fresh Water : 42.90 m³
Fuel Capacity : 401.00 m³
Fuel Consumption : 3.00 m³/d
Ice Class : none
Class of Voyage : Unlimited - beyond 2000nm
MARPOL : Yes
IMO : 7927831

ENGINEERING

Propulsion : Geared Diesel
Propulsion Desc. : (2) x Polar Nohab - F212V
Power : 3455 kw
Propellers : (1) x Controllable Pitch
Thrusters : Bow: Yes Stern: No
Emer.Gen Set : (1) x Caterpillar - 3304
Generators : (2) x Caterpillar - 353

GENERAL OPERATION AND CREWING

Vessel Class : Offshore Patrol Vessel
Port of Registry : Ont. - Ottawa
Home Region : Atlantic Region
Home Port : N.L. - St. John's
Vessel Status : Active
Complement : 19
Officers : 8
Crew : 11
Berths Available : 23
Crewing Regime : Layday

CONSTRUCTION DETAILS

Builder : Marystown Shipyard Ltd.
Build Material : Steel
Ownership : Canadian Coast Guard
Year Launched : 1981
Year in Service : 1981
Year Disposed : NA

HELICOPTER FACILITIES

Helo Capacity : 1
Type 1 : MBB - Bo105
Type 2 : Bell - 206L
Type 3 : NA
Type 4 : NA
Flight Deck : Yes
Hangar : No
Storage : No

Area : 132.0 m²
Area : NA
Fuel : NA

DECK EQUIPMENT

Main Hoist : HIAB 120
Crane 1 : HIAB 144 B-2
Crane 2 : HIAB Seacrane
Crane 3 : N/A
Towing Equip. : Nylon Braid Rope
Workboat 1 : RHIB
Workboat 2 : RHIB
Workboat 3 : N/A
Workboat 4 : N/A

SWL : 1.8 t
SWL : 0.7 t
SWL : NA
SWL : NA
Bollard Pull : NA
Launcher : Miranda Davit
Launcher : Miranda Davit
Launcher : N/A
Launcher : N/A

COMMS AND NAVIGATION EQUIPMENT

VHF AM : (1) x Collins - 251
VHF FM : (1) x Sailor - RT-146
 (1) x Skanti - 3000
HF : (1) x Skanti - TRP 8255
SatComms : (1) x Nera B Inmarsat
 (1) x Sailor SC4000 Iridium
Gyro : (1) x Sperry - SR2100
Radars 1 : Sperry Marine - Bridgemaster E - X Band
Radars 2 : Sperry Marine - Bridgemaster E - S Band
Radars 3 : N/A
Weather Fax : (1) x Furuno - Fax 207

Elec. Charts : (2) x ICAN Aldebaran II
Auto Pilot : (1) x Comnav 2001
Speed Logs : (1) x Sperry Marine - SRD-331
GPS : (1) x Northstar - 941X, (1) x SAAB - R4 (AIS)
MF DF : (1) x Taiyo - C338 HS
VHF DF : (1) x OAR - Cubic DF4400
Depth Sounders : (1) x Skipper - GDS 101, (1) x Elac - LAZ-150,
 (1) x Elac - LAZ-5000
Sonar : N/A





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HOLDS AND DECK SPACE

Hold #1 : 168.8 m³
 Hold #2 : NA
 Main Deck : 160.0 m²
 Boat Deck : 120.0 m²
 After Deck : 88.0 m²

Hatch Size : 1.8 x 1.8
 Hatch Size : N/A

SCIENTIFIC EQUIPMENT

Lab No. 1 : No
 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 : NA
 Area : NA
 Area : NA
 Area : NA
 Electrical: No

CONTAINER CAPACITY

Focslc : NA
 Boat Deck : NA
 Flight Deck : 2
 After Deck : NA
 Other :

BIOGRAPHICAL INFORMATION

Named after the constellation in the northern hemisphere Cygnus, or the Swan, which is also sometimes called the Northern Cross. In Greek mythology, Cygnus is the son of Poseidon, god of the seas.

MODERNIZATION INFORMATION

VESSEL IMAGES

