



## CCGS ECKALOO

Official Number: 809772 Call Sign: CG2992

## VESSEL SPECIFICATIONS

|                                 |                                       |
|---------------------------------|---------------------------------------|
| <b>Length</b> : 49.0 m          | <b>Maximum Spd</b> : 13.4             |
| <b>Breadth</b> : 13.4 m         | <b>Fresh Water</b> : 12.00 m³         |
| <b>Draft</b> : 1.4 m            | <b>Fuel Capacity</b> : 100.00 m³      |
| <b>Freeboard</b> : 1.2 m        | <b>Fuel Consumption</b> : 4.80 m³/d   |
| <b>Gross Tonnage</b> : 661.1 t  | <b>Ice Class</b> : Type E             |
| <b>Net Tonnage</b> : 212.9 t    | <b>Class of Voyage</b> : Minor Waters |
| <b>Cruising Range</b> : 2000 nm | <b>MARPOL</b> : Yes                   |
| <b>Endurance</b> : 15 d         | <b>IMO</b> : 8712465                  |
| <b>Cruise Spd</b> : 11.0 kts    |                                       |

## ENGINEERING

**Propulsion**: Geared Diesel  
**Propulsion Desc.:** (2) x Caterpillar - 3512  
**Power** : 1580 kw  
**Propellers**: (2) x Fixed Pitch  
**Thrusters: Bow:** No **Stern:** No  
**Emer.Gen Set**: (1) x Deutz - L2011  
**Generators**: (2) x Caterpillar - C6.6

## GENERAL OPERATION AND CREWING

**Vessel Class** : Special Navais Vessel  
**Port of Registry** : Ont. - Ottawa  
**Home Region** : Western Region  
**Home Port** : N.T. - Hay River  
**Vessel Status** : Active  
**Complement** : 10  
**Officers** : 4  
**Crew** : 6  
**Berths Available** : 13  
**Crewing Regime** : Conventional

## CONSTRUCTION DETAILS

**Builder** : Vancouver Shipyards  
**Build Material** : Steel  
**Ownership** : Canadian Coast Guard  
**Year Launched** : 1988  
**Year in Service** : 1989  
**Year Disposed** : NA

## HELICOPTER FACILITIES

**Helo Capacity** : NA  
**Type 1** : MBB - Bo105  
**Type 2** : Bell - 206L  
**Type 3** : NA  
**Type 4** : NA  
**Flight Deck** : Yes **Area** : 200.0 m²  
**Hangar** : No **Area** : NA  
**Storage** : No **Fuel** : NA

## DECK EQUIPMENT

|                                         |                                 |
|-----------------------------------------|---------------------------------|
| <b>Main Hoist</b> : ARVA Telescopic     | <b>SWL</b> : 6.0 t              |
| <b>Crane 1</b> : HIAB Seacrane          | <b>SWL</b> : NA                 |
| <b>Crane 2</b> : Fassi Crane            | <b>SWL</b> : NA                 |
| <b>Crane 3</b> : N/A                    | <b>SWL</b> : NA                 |
| <b>Towing Equip.</b> : Nylon Braid Rope | <b>Bollard Pull</b> : 12.2 t    |
| <b>Workboat 1</b> : Workboat            | <b>Launcher</b> : Fassi - Crane |
| <b>Workboat 2</b> : RHIB                | <b>Launcher</b> : Fassi - Crane |
| <b>Workboat 3</b> : N/A                 | <b>Launcher</b> : N/A           |
| <b>Workboat 4</b> : N/A                 | <b>Launcher</b> : N/A           |

## COMMS AND NAVIGATION EQUIPMENT

|                                                     |                                                                       |
|-----------------------------------------------------|-----------------------------------------------------------------------|
| <b>VHF AM</b> : (1) x Icom - IC-A110                | <b>Elec. Charts</b> : (1) x Nobletec Admiral Series                   |
| <b>VHF FM</b> : (1) x Sailor - 6248                 | <b>Auto Pilot</b> : N/A                                               |
| (1) x Sailor - 6216                                 | <b>Speed Logs</b> : N/A                                               |
| <b>HF</b> : (2) x ICOM - M604                       | <b>GPS</b> : (1) x Simrad - MX 612, (1) x SAAB - R5 Supreme           |
| <b>SatComms</b> : (1) x Thales - VesselLink         | <b>MF DF</b> : N/A                                                    |
| <b>Gyro</b> : (1) x Sperry Marine - NAVIGAT 2100    | <b>VHF DF</b> : (1) x OAR - Cubic 320                                 |
| <b>Radars 1</b> : Furuno - FAR 3000 Series - X Band | <b>Depth Sounders</b> : (4) x Furuno - FCV-628, (1) x Elac - LAZ-5100 |
| <b>Radars 2</b> : Furuno - FAR 3000 Series - S Band | <b>Sonar</b> : (1) x Simrad - 971                                     |
| <b>Radars 3</b> : N/A                               |                                                                       |
| <b>Weather Fax</b> : N/A                            |                                                                       |





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### HOLDS AND DECK SPACE

**Hold #1 :** 61.2 m<sup>3</sup>  
**Hold #2 :** NA  
**Main Deck :** 106.2 m<sup>2</sup>  
**Boat Deck :** 40.0 m<sup>2</sup>  
**Forcastle :** 11.5 m<sup>2</sup>  
**After Deck :** 36.5 m<sup>2</sup>  
**Hatch Size :** 2.4 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

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

### BIOGRAPHICAL INFORMATION

Means "pathfinder" in one of the Native dialects. This is appropriate because the vessel mark the winding and ever-changing shipping channel along the Mackenzie River. This is especially challenging because after every year's annual freeze and sudden flood of water, the ice scours the bottom of the river, changing the navigational channel from season to season. Last update: 29 December 2022

### MODERNIZATION INFORMATION

### VESSEL IMAGES

