



## CCGS LIMNOS



Photo Courtesy of ShipPhoto - by Paul Goodley

Official Number: 328088 Call Sign: CG2350

### VESSEL SPECIFICATIONS

**Length** : 44.8 m  
**Breadth** : 9.8 m  
**Draft** : 2.6 m  
**Freeboard** : 1.0 m  
**Gross Tonnage** : 489.0 t  
**Net Tonnage** : 146.0 t  
**Cruising Range** : 3500 nm  
**Endurance** : 14 d  
**Cruise Spd** : 9.5 kts  
**Maximum Spd** : 9.5  
**Fresh Water** : 60.00 m<sup>3</sup>  
**Fuel Capacity** : 80.00 m<sup>3</sup>  
**Fuel Consumption** : 3.50 m<sup>3</sup>/d  
**Ice Class** : none  
**Class of Voyage** : Inland Waters 1  
**MARPOL** : Yes  
**IMO** : 6804903

### ENGINEERING

**Propulsion** : Geared Diesel  
**Propulsion Desc.** : (2) x Caterpillar - C18  
**Power** : 714 kw  
**Propellers** : (2) x L-Drive Azimuth  
**Thrusters** : Bow: No Stern: No  
**Emer.Gen Set** : (1) x Caterpillar - C6.6  
**Generators** : (2) x Caterpillar - C6.6

### GENERAL OPERATION AND CREWING

**Vessel Class** : Mid Shore Science Vessel  
**Port of Registry** : Ont. - Ottawa  
**Home Region** : Central and Arctic  
**Home Port** : Ont. - Burlington  
**Vessel Status** : Active  
**Complement** : 14  
**Officers** : 6  
**Crew** : 8  
**Berths Available** : 16  
**Crewing Regime** : Layday

### CONSTRUCTION DETAILS

**Builder** : Port Weller Dry Docks Ltd.  
**Build Material** : Steel  
**Ownership** : Canadian Coast Guard  
**Year Launched** : 1968  
**Year in Service** : 1968  
**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** : ARVA Telescopic **SWL** : NA  
**Crane 1** : HIAB Seacrane **SWL** : NA  
**Crane 2** : HIAB Seacrane **SWL** : NA  
**Crane 3** : A Frame **SWL** : NA  
**Towing Equip.** : Wire Tow Line **Bollard Pull** : NA  
**Workboat 1** : RHIB **Launcher** : Boat Davit  
**Workboat 2** : Workboat **Launcher** : ARVA - Telescopic  
**Workboat 3** : N/A **Launcher** : N/A  
**Workboat 4** : N/A **Launcher** : N/A

### COMMS AND NAVIGATION EQUIPMENT

**VHF AM** : N/A  
**VHF FM** : (2) x Icom - IC-M604  
 (1) x Motorola - MCX1000  
**HF** : N/A  
**SatComms** : N/A  
**Gyro** : (1) x Sperry - SR2100  
**Radars 1** : Sperry Marine - Bridgemaster E - X Band  
**Radars 2** : Sperry Marine - Bridgemaster E - X Band  
**Radars 3** : N/A  
**Weather Fax** : (1) x Furuno - Fax 200  
**Elec. Charts** : (1) x ICAN Aldebaran II  
**Auto Pilot** : (1) x Comnav P4  
**Speed Logs** : N/A  
**GPS** : (1) x SAAB - R4 (AIS)  
**MF DF** : N/A  
**VHF DF** : (1) x OAR - Cubic DF4400  
**Depth Sounders** : (1) x Skipper - GDS 101, (1) x Furuno - FCV-667  
**Sonar** : N/A





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### HOLDS AND DECK SPACE

Hold #1 : 36.0 m<sup>3</sup>  
 Hold #2 : NA  
 Main Deck : 10.0 m<sup>2</sup>  
 Boat Deck : 8.0 m<sup>2</sup>  
 Forecastle : 10.0 m<sup>2</sup>  
 After Deck : 5.0 m<sup>2</sup>

Hatch Size : 2.1 x 1.5  
 Hatch Size : N/A

### SCIENTIFIC EQUIPMENT

Lab No. 1 : Dry  
 Lab No. 2 : Wet  
 Lab No. 3 : 0  
 Lab No. 4 : 0  
 Scientific LAN : No  
 Scientific Winches : (6x) Limnological  
 Scientific Sounders: N/A  
 Power on Deck: Hydraulic: No

Area : 10.0 m<sup>2</sup>  
 Area : 6.0 m<sup>2</sup>  
 Area : NA  
 Area : NA

Electrical: Yes

### CONTAINER CAPACITY

Focsle : NA  
 Boat Deck : NA  
 Flight Deck : NA  
 After Deck : 1  
 Other :

### BIOGRAPHICAL INFORMATION

Originates from "limnology" which is the study of inland waters. Limnology focuses on the biological, chemical, physical and geological attributes of waters.

### MODERNIZATION INFORMATION

### VESSEL IMAGES

