



## CCGS HENRY LARSEN


**Official Number: 808731 Call Sign: CGHL**

### VESSEL SPECIFICATIONS

**Length :** 99.8 m  
**Breadth :** 19.6 m  
**Draft :** 7.3 m  
**Freeboard :** 3.8 m  
**Gross Tonnage :** 6166.5 t  
**Net Tonnage :** 1756.6 t  
**Cruising Range :** 20000 nm  
**Endurance :** 90 d  
**Cruise Spd :** 13.5 kts

**Maximum Spd :** 16.0  
**Fresh Water :** 175.00 m<sup>3</sup>  
**Fuel Capacity :** 1650.00 m<sup>3</sup>  
**Fuel Consumption :** 22.00 m<sup>3</sup>/d  
**Ice Class :** Arctic Class 4  
**Class of Voyage :** Unlimited - beyond 2000nm  
**MARPOL :** Yes  
**IMO :** 8409329

### ENGINEERING

**Propulsion :** Diesel Electric AC/AC  
**Propulsion Desc.:** (3) x Wartsilla Vasa - 16V32  
**Power :** 12174 kw  
**Propellers:** (2) x Fixed Pitch  
**Thrusters: Bow:** Yes **Stern:** No  
**Emer.Gen Set:** (1) x Caterpillar - 3508  
**Generators:** (1) x Wartsila - 6L22  
 (1) x Caterpillar - 3512

### GENERAL OPERATION AND CREWING

**Vessel Class :** Medium Icebreaker  
**Port of Registry :** Ont. - Ottawa  
**Home Region :** Atlantic Region  
**Home Port :** N.L. - St. John's#39;s  
**Vessel Status :** Active  
**Complement :** 31  
**Officers :** 11  
**Crew :** 20  
**Berths Available :** 40  
**Crewing Regime :** Layday

### CONSTRUCTION DETAILS

**Builder :** Versatile Pacific Inc.  
**Build Material :** Steel  
**Ownership :** Canadian Coast Guard  
**Year Launched :** 1987  
**Year in Service :** 1987  
**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 **Area :** 310.0 m<sup>2</sup>  
**Hangar :** Yes **Area :** 97.0 m<sup>2</sup>  
**Storage :** Yes **Fuel :** 22.0 m<sup>3</sup>

### DECK EQUIPMENT

**Main Hoist :** Jacob Seacrane **SWL :** 8.5 t  
**Crane 1 :** Jacob Seacrane **SWL :** 10.0 t  
**Crane 2 :** Jacob Seacrane **SWL :** 10.0 t  
**Crane 3 :** N/A **SWL :** NA  
**Towing Equip. :** Winch **Bollard Pull :** 20.0 t  
**Workboat 1 :** RHIB **Launcher :** Miranda Davit  
**Workboat 2 :** SP Barge **Launcher :** Jacob - Seacrane  
**Workboat 3 :** N/A **Launcher :** N/A  
**Workboat 4 :** N/A **Launcher :** N/A

### COMMS AND NAVIGATION EQUIPMENT

**VHF AM:** (1) x Icom - IC-A110  
**VHF FM:** (5) x Sailor - RT-146  
 (2) x Skanti - 3000  
**HF:** (1) x Motorola - Micom  
 (2) x Rockwell - HF80  
**SatComms:** (1) x Westinghouse Series 1000 Msat  
 (1) x Nera B Inmarsat  
 (1) x Sailor SC4000 Iridium  
**Gyro:** (2) x Sperry - SR2100  
**Radars 1 :** Sperry Marine - Bridgemaster E - X Band  
**Radars 2 :** Sperry Marine - Bridgemaster E - S Band  
**Radars 3 :** Sperry Marine - Bridgemaster II - X Band  
**Weather Fax:** (1) x Furuno - Fax 207

**Elec. Charts:** (1) x ICAN Aldebaran II  
**Auto Pilot:** (1) x Sperry ADG 3000  
**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 Sperry Marine - ES-5100  
**Sonar:** N/A





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### HOLDS AND DECK SPACE

**Hold #1** : 372.0 m<sup>3</sup>  
**Hold #2** : 165.0 m<sup>3</sup>  
**Main Deck** : 220.0 m<sup>2</sup>  
**Boat Deck** : 124.0 m<sup>2</sup>  
**Forecastle** : 120.0 m<sup>2</sup>  
**After Deck** : 190.0 m<sup>2</sup>  
**Hatch Size** : 2.0 x 2.0  
**Hatch Size** : 1.5 x 1.5

### SCIENTIFIC EQUIPMENT

**Lab No. 1** : Special Chart Room  
**Lab No. 2** : No  
**Lab No. 3** : No  
**Lab No. 4** : No  
**Scientific LAN** : Yes  
**Scientific Winches** : No  
**Scientific Sounders**: N/A  
**Power on Deck**: Hydraulic: No  
**Area** : 34.0 m<sup>2</sup>  
**Area** : NA  
**Area** : NA  
**Area** : NA  
**Electrical**: Yes

### CONTAINER CAPACITY

**Focsle** : 2  
**Boat Deck** : NA  
**Flight Deck** : 1  
**After Deck** : NA  
**Other** :

### BIOGRAPHICAL INFORMATION

Henry Asbjørn Larsen (1899-1964). Born in Frederickstad, Norway, Henry Larsen immigrated to Canada in 1927 and joined the Royal Canadian Mounted Police a year later. Serving on the St. Roch as a mate and eventually as captain, the ship was tasked with supplying remote northern outposts. In 1940 Larsen captained the St. Roch as it became the second vessel to cross Northwest Passage, and the first to do so from west to east. This accomplishment was recognized when Larsen and his crew were awarded the Polar Medal in 1942 by King George VI.

### MODERNIZATION INFORMATION

Coming Soon

### VESSEL IMAGES

