



CCGS HENRY LARSEN

Official Number: 808731 Call Sign: CGHL

VESSEL SPECIFICATIONS

Length : 99.8 m
Breadth : 19.6 m
Draft : 7.2 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 m³
Fuel Capacity : 1650.00 m³
Fuel Consumption : 22.00 m³/d
Ice Class: Arctic Class 4
Class of Voyage: Unlimited
MARPOL: Yes
IMO : 8409329

ENGINEERING

Propulsion: Diesel Electric AC/AC
Propulsion Desc.: (3) x Wartsilla Vasa - 16V32
Power : 16080 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 : 48
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 : NA
Type 1 : MBB - Bo105
Type 2 : Bell - 206L
Type 3 : NA
Type 4 : NA
Flight Deck : Yes **Area** : 310.0 m²
Hangar : Yes **Area** : 97.0 m²
Storage : Yes **Fuel** : 22.0 m³

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 - 6222
HF: (2) x Sailor - 6300 MF/HF DSC
 (1) x Icom - IC-M802
SatComms: (1) x Sailor - 6110 Inmarsat C
 (1) x Thales - VesselLink
 (1) x SeaTel - 6012
Gyro: (2) x Sperry - SR2100
Radars 1 : Furuno - FAR 3000 Series - X Band
Radars 2 : Furuno - FAR 3000 Series - S Band
Radars 3 : Furuno - FAR 3000 Series - X Band
Weather Fax: (1) x Furuno - Fax 207

Elec. Charts: (1) x Furuno - FMD 3300
 (1) x ICAN Aldebaran II
Auto Pilot: (1) x Sperry Navipilot 4000
Speed Logs: (1) x Sperry Marine - Naviknot 450D
GPS: (2) x Furuno - GP 170, (1) x SAAB - R5
 Supreme
MF DF: N/A
VHF DF: (1) x Rhotheta - 500 M
Depth Sounders: (2) x Sperry Marine - ES-5100
Sonar: N/A





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HOLDS AND DECK SPACE

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

SCIENTIFIC EQUIPMENT

Lab No. 1 : Special Chart Room	Area : 34.0 m ²
Lab No. 2 : No	Area : NA
Lab No. 3 : No	Area : NA
Lab No. 4 : No	Area : NA
Scientific LAN : Yes	
Scientific Winches : No	
Scientific Sounders : (1) x Kongsberg - EC302 Multibeam	
Power on Deck: Hydraulic : No	Electrical : Yes

CONTAINER CAPACITY

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

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

Last update: 15 November 2022

VESSEL IMAGES

