



CCGS LOUIS S. ST-LAURENT

Official Number: 328095 Call Sign: CGBN

VESSEL SPECIFICATIONS

Length : 119.6 m
Breadth : 24.4 m
Draft : 9.9 m
Freeboard : 6.4 m
Gross Tonnage : 11345.0 t
Net Tonnage : 3403.0 t
Cruising Range : 28000 nm
Endurance : 120 d
Cruise Spd : 15.0 kts

Maximum Spd : 18.0
Fresh Water : 200.00 m³
Fuel Capacity : 3500.00 m³
Fuel Consumption : 30.00 m³/d
Ice Class: Arctic Class 4
Class of Voyage: Unlimited
MARPOL: Yes
IMO : 6705937

ENGINEERING

Propulsion: Diesel electric AC/DC
Propulsion Desc.: (5) x Krupp Makk - 16M453C
Power : 20142 kw
Propellers: (3) x Fixed Pitch
Thrusters: Bow: Yes Stern: No
Emer.Gen Set: (1) x Caterpillar - 3408
Generators: (2) x Krupp Mak - 6M282

GENERAL OPERATION AND CREWING

Vessel Class : Heavy Icebreaker
Port of Registry : Ont. - Ottawa
Home Region : Atlantic Region
Home Port : N.L. - St. John's #39;s
Vessel Status : Active
Complement : 44
Officers : 13
Crew : 29
Berths Available : 57
Crewing Regime : Layday

CONSTRUCTION DETAILS

Builder : Canadian Vickers Ltd.
Build Material : Steel
Ownership : Canadian Coast Guard
Year Launched : 1968
Year in Service : 1969
Year Disposed : NA

HELICOPTER FACILITIES

Helo Capacity : NA
Type 1 : Bell - 412
Type 2 : Bell - 429
Type 3 : NA
Type 4 : NA
Flight Deck : Yes **Area** : 360.0 m²
Hangar : Yes **Area** : 132.0 m²
Storage : Yes **Fuel** : 43.0 m³

DECK EQUIPMENT

Main Hoist : Allied **SWL** : 25.0 t
Crane 1 : ARVA **SWL** : 5.5 t
Crane 2 : ARVA **SWL** : 5.5 t
Crane 3 : Palfinger Marine **SWL** : 0.9 t
Towing Equip. : Winch **Bollard Pull** : 250.0 t
Workboat 1 : RHIB **Launcher** : Crane
Workboat 2 : RHIB **Launcher** : Miranda Davit
Workboat 3 : SP Barge **Launcher** : Crane
Workboat 4 : RHIB **Launcher** : Crane

COMMS AND NAVIGATION EQUIPMENT

VHF AM: (2) x Icom - IC-A110
VHF FM: (5) x Sailor - C403
 (2) x Sailor - 6222
 (1) x Motorola - Astro XTL 5000
HF: (2) x Sailor - 6301
SatComms: (1) x Sailor - 6110 Inmarsat C
 (2) x Iridium - ICHU1000 Voice & Data
 (1) x Thales - VesselLink
Gyro: (2) x Sperry Marine - NAVITGAT 2100
Radars 1 : Furuno - FAR 3220W - X Band
Radars 2 : Furuno - FAR 3300SW - S Band
Radars 3 : Furuno - FAR 3210W - X Band
Weather Fax: (1) x Furuno - Fax 207

Elec. Charts: (1) x ICAN Aldebaran II
 (1) x Furuno - FMD 3300
Auto Pilot: (1) x Sperry ADG 3000
Speed Logs: (1) x Sperry Marine - NAVIKNOT
GPS: (2) x Furuno - GP 170, (1) x SAAB - R4 (AIS)
MF DF: N/A
VHF DF: (1) x Rhotheta - 500 M
Depth Sounders: (1) x Skipper - GDS 101
Sonar: N/A





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HOLDS AND DECK SPACE

Hold #1 : 300.0 m³ **Hatch Size** : 3.5 x 3.0
Hold #2 : 36.0 m³ **Hatch Size** : 3.5 x 3.0
Main Deck : 320.0 m²
Boat Deck : 216.0 m²
Forecastle : 285.0 m²
After Deck : 120.0 m²

SCIENTIFIC EQUIPMENT

Lab No. 1 : (2x) Oceanographic **Area** : 46.0 m²
Lab No. 2 : (3x) Wet Lab **Area** : 32.8 m²
Lab No. 3 : (5x) Auxiliary **Area** : 52.6 m²
Lab No. 4 : Seismic **Area** : 15.6 m²
Scientific LAN : Yes
Scientific Winches : (3x) A frame type
Scientific Sounders: (1) x
Power on Deck: Hydraulic: Yes **Electrical**: Yes

CONTAINER CAPACITY

Focsle : 1
Boat Deck : 2
Flight Deck : 3
After Deck : NA
Other : NA

BIOGRAPHICAL INFORMATION

Louis Stephen St-Laurent (1882-1973). Born in Compton, Quebec, St-Laurent was twelfth Prime Minister of Canada. Serving from 1948 to 1957, he was considered instrumental in the foundation of the social welfare system, and laying the groundwork for universal healthcare. St-Laurent is well known for being a leading proponent in the creation of North Atlantic Treaty Organization [NATO] in 1949, and his work with Lester B. Pearson in the solution of the Suez Crisis is widely considered the foundation of modern peacekeeping.

MODERNIZATION INFORMATION

(Last update: 25 Octobre 2022)

VESSEL IMAGES

