



CCGS LOUIS S. ST-LAURENT


Official Number: 328095 Call Sign: CGBN

VESSEL SPECIFICATIONS

Length : 119.6 m	Maximum Spd : 20.0
Breadth : 24.4 m	Fresh Water : 200.00 m ³
Draft : 9.9 m	Fuel Capacity : 3500.00 m ³
Freeboard : 6.4 m	Fuel Consumption : 24.00 m ³ /d
Gross Tonnage : 11345.0 t	Ice Class : Arctic Class 4
Net Tonnage : 3403.0 t	Class of Voyage : Unlimited - beyond 2000nm
Cruising Range : 23000 nm	MARPOL : Yes
Endurance : 205 d	IMO : 6705937
Cruise Spd : 16.0 kts	

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 : 42
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 : MBB - Bo105
Type 2 : Bell - 212
Type 3 : Bell - 206L
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 : ARVA	SWL : 12.0 t
Crane 1 : HIAB Seacrane	SWL : NA
Crane 2 : Allied	SWL : NA
Crane 3 : Tico Marine	SWL : NA
Towing Equip. : Winch	Bollard Pull : NA
Workboat 1 : RHIB	Launcher : Crane
Workboat 2 : RHIB	Launcher : Gravity Davit
Workboat 3 : SP Barge	Launcher : Crane
Workboat 4 : Lifeboat	Launcher : N/A

COMMS AND NAVIGATION EQUIPMENT

VHF AM : (1) x Collins - 251	Elec. Charts : (1) x ICAN Aldebaran II
VHF FM : (5) x Sailor - RT-146	Auto Pilot : (1) x Sperry ADG 3000
HF : (2) x Motorola - Micom (1) x Rockwell - HF80	Speed Logs : (1) x Sperry Marine - SRD-331
SatComms : (1) x Nera B Inmarsat (1) x Sailor SC4000 Iridium (1) x Westinghouse Series 1000 Msat	GPS : (1) x Magnavox - MX200, (1) x SAAB - R4 (AIS)
Gyro : (2) x Sperry - SR2100	MF DF : N/A
Radars 1 : Sperry Marine - Bridgemaster II - X Band	VHF DF : (1) x OAR - Cubic DF4400
Radars 2 : Sperry Marine - Bridgemaster II - S Band	Depth Sounders : (1) x Skipper - GDS161
Radars 3 : Sperry Marine - Bridgemaster E - X Band	Sonar : N/A
Weather Fax : (1) x Furuno - Fax 207	





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HOLDS AND DECK SPACE

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

SCIENTIFIC EQUIPMENT

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

CONTAINER CAPACITY

Focsls : 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

VESSEL IMAGES

