



CCGS PIERRE RADISSON

Official Number: 383326 Call Sign: CGSB

VESSEL SPECIFICATIONS

Length : 98.2 m	Maximum Spd : 16.7
Breadth : 19.2 m	Fresh Water : 135.00 m³
Draft : 7.2 m	Fuel Capacity : 2450.00 m³
Freeboard : 3.7 m	Fuel Consumption : 30.00 m³/d
Gross Tonnage : 5775.0 t	Ice Class : Arctic Class 3
Net Tonnage : 1732.0 t	Class of Voyage : Unlimited
Cruising Range : 15000 nm	MARPOL : Yes
Endurance : 120 d	IMO : 7510834
Cruise Spd : 14.0 kts	

ENGINEERING

Propulsion: Diesel electric AC/DC
Propulsion Desc.: (6) x Alco - M251F
Power : 10142 kw
Propellers: (2) x Fixed Pitch
Thrusters: Bow: Yes **Stern**: No
Emer.Gen Set: (1) x Caterpillar - 398
Generators: (3) x MTU - 8V4000M

GENERAL OPERATION AND CREWING

Vessel Class : Medium Icebreaker
Port of Registry : Ont. - Ottawa
Home Region : Central and Arctic
Home Port : Que. - Québec
Vessel Status : Active
Complement : 31
Officers : 11
Crew : 20
Berths Available : 26
Crewing Regime : Layday

CONSTRUCTION DETAILS

Builder : Burrard Dry Dock Co. Ltd.
Build Material : Steel
Ownership : Canadian Coast Guard
Year Launched : 1978
Year in Service : 1978
Year Disposed : NA

HELICOPTER FACILITIES

Helo Capacity : 1
Type 1 : MBB - Bo105
Type 2 : Bell - 212
Type 3 : Bell - 206L
Type 4 : NA
Flight Deck : Yes **Area** : 137.0 m²
Hangar : Yes **Area** : 42.6 m²
Storage : Yes **Fuel** : 29.5 m³

DECK EQUIPMENT

Main Hoist : Hepburn 75M-0526	SWL : 8.0 t
Crane 1 : Hepburn 75M-0526	SWL : 8.0 t
Crane 2 : Hepburn 75M-0526	SWL : 8.0 t
Crane 3 : Hepburn 75M-0526	SWL : 8.0 t
Towing Equip. : Winch	Bollard Pull : 20.0 t
Workboat 1 : RHIB	Launcher : Miranda Davit
Workboat 2 : SP Barge	Launcher : Standard Davit
Workboat 3 : RHIB	Launcher : Hepburn - Crane
Workboat 4 : N/A	Launcher : N/A

COMMS AND NAVIGATION EQUIPMENT

VHF AM : (2) x Collins - 251	Elec. Charts : (1) x ICAN Aldebaran II
VHF FM : (3) x Sailor - RT-146	Auto Pilot : (1) x Wagner Autonav A-1500
HF : (1) x Motorola - Micom	Speed Logs : (1) x Sperry Marine - SRD-331
SatComms : (1) x Nera B Inmarsat (1) x Westinghouse Series 1000 Msat	GPS : (1) x Magnavox - MX200, (1) x SAAB - R4 (AIS)
Gyro : (2) x Anschutz - Standard 20	MF DF : (1) x Taiyo - C338 HS
Radars 1 : Sperry Marine - Bridgemaster E - X Band	VHF DF : (1) x OAR - Cubic 320
Radars 2 : Sperry Marine - Bridgemaster E - S Band	Depth Sounders : (2) x Elac - LAZ-72
Radars 3 : Sperry Marine - Bridgemaster E - X Band	Sonar : N/A
Weather Fax : (1) x Furuno - Fax 208	





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HOLDS AND DECK SPACE

Hold #1 : 500.0 m³
Hold #2 : 100.0 m³
Main Deck : 153.0 m²
Boat Deck : 82.3 m²
After Deck : 82.3 m²

Hatch Size : 4.9 x 3.6
Hatch Size : 3.5 x 2.6

SCIENTIFIC EQUIPMENT

Lab No. 1 : No
Lab No. 2 : No
Lab No. 3 : No
Lab No. 4 : No
Scientific LAN : No
Scientific Winches : No
Scientific Sounders: N/A
Power on Deck: Hydraulic: No

Area : NA
Area : NA
Area : NA
Area : NA
Electrical: No

CONTAINER CAPACITY

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

BIOGRAPHICAL INFORMATION

Pierre-Esprit Radisson (1636-1701). Born in France, he came to Canada at an early age, and spent several of his early years living with Mohawks. Joining forces with his brother-in-law, Medard Des Grosseilliers, he became fur trader and explorer, and was instrumental in establishing the Hudson's Bay Company. His contributions to early Canadian economy, played a major role in the development of Western Canada for centuries to come. Radisson is buried in London, England.

MODERNIZATION INFORMATION

VESSEL IMAGES

