



## CCGS PIERRE RADISSON



Official Number: 383326 Call Sign: CGSB

## VESSEL SPECIFICATIONS

**Length** : 98.2 m  
**Breadth** : 19.2 m  
**Draft** : 7.2 m  
**Freeboard** : 3.7 m  
**Gross Tonnage** : 5775.0 t  
**Net Tonnage** : 1732.0 t  
**Cruising Range** : 15000 nm  
**Endurance** : 120 d  
**Cruise Spd** : 14.0 kts

**Maximum Spd** : 16.7  
**Fresh Water** : 135.00 m<sup>3</sup>  
**Fuel Capacity** : 2450.00 m<sup>3</sup>  
**Fuel Consumption** : 30.00 m<sup>3</sup>/d  
**Ice Class** : Arctic Class 3  
**Class of Voyage** : Unlimited - beyond 2000nm  
**MARPOL** : Yes  
**IMO** : 7510834

## 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  
**Hangar** : Yes  
**Storage** : Yes

**Area** : 137.0 m<sup>2</sup>  
**Area** : 42.6 m<sup>2</sup>  
**Fuel** : 29.5 m<sup>3</sup>

## DECK EQUIPMENT

**Main Hoist** : Hepburn 75M-0526  
**Crane 1** : Hepburn 75M-0526  
**Crane 2** : Hepburn 75M-0526  
**Crane 3** : Hepburn 75M-0526  
**Towing Equip.** : Winch  
**Workboat 1** : RHIB  
**Workboat 2** : SP Barge  
**Workboat 3** : RHIB  
**Workboat 4** : N/A

**Bollard Pull** : 20.0 t  
**Launcher** : Miranda Davit  
**Launcher** : Standard Davit  
**Launcher** : Hepburn - Crane  
**Launcher** : N/A

## COMMS AND NAVIGATION EQUIPMENT

**VHF AM** : (2) x Collins - 251  
**VHF FM** : (3) x Sailor - RT-146  
**HF** : (1) x Motorola - Micom  
**SatComms** : (1) x Nera B Inmarsat  
 (1) x Westinghouse Series 1000 Msat  
**Gyro** : (2) x Anschutz - Standard 20  
**Radars 1** : Sperry Marine - Bridgemaster E - X Band  
**Radars 2** : Sperry Marine - Bridgemaster E - S Band  
**Radars 3** : Sperry Marine - Bridgemaster E - X Band  
**Weather Fax** : (1) x Furuno - Fax 208

**Elec. Charts** : (1) x ICAN Aldebaran II  
**Auto Pilot** : (1) x Wagner Autonav A-1500  
**Speed Logs** : (1) x Sperry Marine - SRD-331  
**GPS** : (1) x Magnavox - MX200, (1) x SAAB - R4 (AIS)  
**MF DF** : (1) x Taiyo - C338 HS  
**VHF DF** : (1) x OAR - Cubic 320  
**Depth Sounders** : (2) x Elac - LAZ-72  
**Sonar** : N/A





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### HOLDS AND DECK SPACE

**Hold #1** : 500.0 m<sup>3</sup>      **Hatch Size** : 4.9 x 3.6  
**Hold #2** : 100.0 m<sup>3</sup>      **Hatch Size** : 3.5 x 2.6  
**Main Deck** : 153.0 m<sup>2</sup>  
**Boat Deck** : 82.3 m<sup>2</sup>  
**After Deck** : 82.3 m<sup>2</sup>

### SCIENTIFIC EQUIPMENT

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

### CONTAINER CAPACITY

**Focslc** : 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

