



## CCGS DES GROSEILLIERS

Official Number: 802160 Call Sign: CGDX

## VESSEL SPECIFICATIONS

|                                  |                                      |
|----------------------------------|--------------------------------------|
| <b>Length</b> : 98.2 m           | <b>Maximum Spd</b> : 16.5            |
| <b>Breadth</b> : 19.8 m          | <b>Fresh Water</b> : 133.00 m³       |
| <b>Draft</b> : 7.4 m             | <b>Fuel Capacity</b> : 2464.00 m³    |
| <b>Freeboard</b> : 3.4 m         | <b>Fuel Consumption</b> : 23.00 m³/d |
| <b>Gross Tonnage</b> : 6097.8 t  | <b>Ice Class</b> : Arctic Class 3    |
| <b>Net Tonnage</b> : 1799.9 t    | <b>Class of Voyage</b> : Unlimited   |
| <b>Cruising Range</b> : 27000 nm | <b>MARPOL</b> : Yes                  |
| <b>Endurance</b> : 100 d         | <b>IMO</b> : 8006385                 |
| <b>Cruise Spd</b> : 12.0 kts     |                                      |

## ENGINEERING

|                                                       |
|-------------------------------------------------------|
| <b>Propulsion</b> : Diesel electric AC/DC             |
| <b>Propulsion Desc.:</b> (6) x Alco - M251F           |
| <b>Power</b> : 10142 kw                               |
| <b>Propellers</b> : (2) x Fixed Pitch                 |
| <b>Thrusters</b> : <b>Bow</b> : Yes <b>Stern</b> : No |
| <b>Emer.Gen Set</b> : (1) x Caterpillar - 398         |
| <b>Generators</b> : (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** : 43  
**Crewing Regime** : Layday

## CONSTRUCTION DETAILS

**Builder** : Port Weller Dry Docks Ltd.  
**Build Material** : Steel  
**Ownership** : Canadian Coast Guard  
**Year Launched** : 1982  
**Year in Service** : 1982  
**Year Disposed** : NA

## HELICOPTER FACILITIES

**Helo Capacity** : NA  
**Type 1** : Bell - 429  
**Type 2** : Bell - 412  
**Type 3** : NA  
**Type 4** : NA  
**Flight Deck** : Yes **Area** : 264.0 m²  
**Hangar** : Yes **Area** : 85.0 m²  
**Storage** : Yes **Fuel** : 26.0 m³

## DECK EQUIPMENT

|                                    |                                    |
|------------------------------------|------------------------------------|
| <b>Main Hoist</b> : Hagglund Crane | <b>SWL</b> : 10.0 t                |
| <b>Crane 1</b> : Hagglund Crane    | <b>SWL</b> : 10.0 t                |
| <b>Crane 2</b> : Hagglund Crane    | <b>SWL</b> : 10.0 t                |
| <b>Crane 3</b> : Hagglund Crane    | <b>SWL</b> : 10.0 t                |
| <b>Towing Equip.</b> : Winch       | <b>Bollard Pull</b> : 22.0 t       |
| <b>Workboat 1</b> : RHIB           | <b>Launcher</b> : Miranda Davit    |
| <b>Workboat 2</b> : SP Barge       | <b>Launcher</b> : Standard Davit   |
| <b>Workboat 3</b> : SP Barge       | <b>Launcher</b> : Standard Davit   |
| <b>Workboat 4</b> : RHIB           | <b>Launcher</b> : Hagglund - Crane |

## COMMS AND NAVIGATION EQUIPMENT

|                                                                          |                                                               |
|--------------------------------------------------------------------------|---------------------------------------------------------------|
| <b>VHF AM</b> : (1) x Icom - IC-A110                                     | <b>Elec. Charts</b> : (1) x Furuno - EC3000                   |
| <b>VHF FM</b> : (3) x Sailor - 6222                                      | <b>Auto Pilot</b> : (1) x Sperry Navipilot 4000               |
| <b>HF</b> : (1) x Sailor - 6301                                          | <b>Speed Logs</b> : (1) x Sperry Marine - Naviknot 450D       |
| <b>SatComms</b> : (1) x Thales - VesselLink<br>(1) x Sailor - 6000 GMDSS | <b>GPS</b> : (1) x SAAB - R5 Supreme, (1) x SAAB - R5 Supreme |
| <b>Gyro</b> : (2) x Anschutz - Standard 20                               | <b>MF DF</b> : N/A                                            |
| <b>Radars 1</b> : Furuno - FAR 3000 Series - X Band                      | <b>VHF DF</b> : (1) x Rhotheta - 500 M                        |
| <b>Radars 2</b> : Furuno - FAR 3000 Series - S Band                      | <b>Depth Sounders</b> : (2) x Skipper - GDS 101               |
| <b>Radars 3</b> : Furuno - FAR 3000 Series - X Band                      | <b>Sonar</b> : N/A                                            |
| <b>Weather Fax</b> : (1) x JRC - JAX-9                                   |                                                               |





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### HOLDS AND DECK SPACE

**Hold #1** : 150.0 m<sup>3</sup>  
**Hold #2** : 35.0 m<sup>3</sup>  
**Main Deck** : 157.2 m<sup>2</sup>  
**Boat Deck** : 82.3 m<sup>2</sup>  
**After Deck** : 82.3 m<sup>2</sup>

**Hatch Size** : 3.9 x 3.6  
**Hatch Size** : 3.5 x 2.6

### SCIENTIFIC EQUIPMENT

**Lab No. 1** : 0  
**Lab No. 2** : 0  
**Lab No. 3** : 0  
**Lab No. 4** : 0  
**Scientific LAN** : Yes  
**Scientific Winches** : NA  
**Scientific Sounders**: (1) x Kongsberg - EM 712  
 Multibeam  
**Power on Deck: Hydraulic**: Yes  
**Electrical**: Yes

### CONTAINER CAPACITY

**Focsle** : 6  
**Boat Deck** : 2  
**Flight Deck** : 8  
**After Deck** : NA  
**Other** : NA

### BIOGRAPHICAL INFORMATION

Médard Chouart des Groseilliers (1618-1696). Originally from France, Des Groseilliers came to Canada as an explorer and quickly became involved in the fur trade on the Great Lakes. He was instrumental in opening up Lake Superior and Michigan to trading and establishing Jesuit Missionaries, and played a key role in the foundation of 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.

### MODERNIZATION INFORMATION

CCGS Des Groseilliers went through her first major VLE between 2002-2007. A new bow thruster was installed. Modernization of crew lodging was completed. In 2015 all 3 auxiliary generators were changed. Last update: 15 November 2022.

### VESSEL IMAGES

