



## CCGS HUDSON

Official Number: 320936 Call Sign: CGDG

## VESSEL SPECIFICATIONS

**Length** : 90.4 m  
**Breadth** : 15.4 m  
**Draft** : 6.8 m  
**Freeboard** : 3.2 m  
**Gross Tonnage** : 3444.0 t  
**Net Tonnage** : 1033.0 t  
**Cruising Range** : 23100 nm  
**Endurance** : 105 d  
**Cruise Spd** : 10.5 kts

**Maximum Spd** : 17.0  
**Fresh Water** : 105.00 m<sup>3</sup>  
**Fuel Capacity** : 1268.00 m<sup>3</sup>  
**Fuel Consumption** : 7.60 m<sup>3</sup>/d  
**Ice Class**: Arctic Class 2  
**Class of Voyage**: Unlimited  
**MARPOL**: Yes  
**IMO** : 5405279

## ENGINEERING

**Propulsion**: Diesel Electric DC/DC  
**Propulsion Desc.:** (4) x Alco - 251D  
**Power** : 6469 kw  
**Propellers**: (2) x Fixed Pitch  
**Thrusters**: Bow: Yes Stern: No  
**Emer.Gen Set**: (1) x Caterpillar - 398  
**Generators**: (2) x Caterpillar - 398

## GENERAL OPERATION AND CREWING

**Vessel Class** : Offshore Oceanographic Science Vessel  
**Port of Registry** : Ont. - Ottawa  
**Home Region** : Atlantic Region  
**Home Port** : N.S. - Dartmouth  
**Vessel Status** : decommissioned  
**Complement** : 31  
**Officers** : 11  
**Crew** : 20  
**Berths Available** : 23  
**Crewing Regime** : Layday

## CONSTRUCTION DETAILS

**Builder** : Saint John SB & DD Ltd.  
**Build Material** : Steel  
**Ownership** : Canadian Coast Guard  
**Year Launched** : 1963  
**Year in Service** : 1963  
**Year Disposed** : 2022

## HELICOPTER FACILITIES

**Helo Capacity** : NA  
**Type 1** : MBB - Bo105  
**Type 2** : Bell - 206L  
**Type 3** : NA  
**Type 4** : NA  
**Flight Deck** : Yes  
**Hangar** : Yes  
**Storage** : Yes

**Area** : 138.0 m<sup>2</sup>  
**Area** : 28.0 m<sup>2</sup>  
**Fuel** : NA

## DECK EQUIPMENT

**Main Hoist** : ARVA Telescopic  
**Crane 1** : North Pacific Crane  
**Crane 2** : Hampton Crane  
**Crane 3** : N/A  
**Towing Equip.** : Nylon Braid Rope  
**Workboat 1** : RHIB  
**Workboat 2** : N/A  
**Workboat 3** : N/A  
**Workboat 4** : N/A

**SWL** : 4.3 t  
**SWL** : 3.3 t  
**SWL** : 4.3 t  
**SWL** : 0.4 t  
**Bollard Pull** : NA  
**Launcher** : Miranda Davit  
**Launcher** : N/A  
**Launcher** : N/A  
**Launcher** : N/A

## COMMS AND NAVIGATION EQUIPMENT

**VHF AM**: N/A  
**VHF FM**: N/A  
**HF**: (1) x Harris - RF 3200  
**SatComms**: (1) x Magnavox MX 2400  
**Gyro**: (2) x Anschutz - Standard 20  
**Radars 1** : Sperry Marine - Bridgemaster II - X Band  
**Radars 2** : Sperry Marine - Bridgemaster II - S Band  
**Radars 3** : N/A  
**Weather Fax**: (1) x Taiyo - TF733

**Elec. Charts**: (1) x ICAN Aldebaran II  
 (1) x OSL ECPINS  
**Auto Pilot**: (1) x Comnav 2001  
**Speed Logs**: (1) x Sperry Marine - SRD-301  
**GPS**: (1) x Magnavox - MX380  
**MF DF**: (1) x Taiyo - C338 HS  
**VHF DF**: N/A  
**Depth Sounders**: (1) x Elac - LAZ-4400  
**Sonar**: N/A





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### HOLDS AND DECK SPACE

**Hold #1** : 200.0 m<sup>3</sup>      **Hatch Size** : 3.6 x 2.3  
**Hold #2** : 405.0 m<sup>3</sup>      **Hatch Size** : 3.6 x 2.3  
**Main Deck** : 70.0 m<sup>2</sup>  
**Boat Deck** : 80.0 m<sup>2</sup>  
**Forecastle** : 204.0 m<sup>2</sup>  
**After Deck** : 132.0 m<sup>2</sup>

### SCIENTIFIC EQUIPMENT

**Lab No. 1** : Hydrographic      **Area** : 20.0 m<sup>2</sup>  
**Lab No. 2** : Oceanographic      **Area** : 20.0 m<sup>2</sup>  
**Lab No. 3** : Geo-Chem      **Area** : 40.0 m<sup>2</sup>  
**Lab No. 4** : General Purpose      **Area** : 18.0 m<sup>2</sup>  
**Scientific LAN** : No  
**Scientific Winches** : Swan 29, Pengo 150  
**Scientific Sounders**: N/A  
**Power on Deck: Hydraulic**: Yes      **Electrical**: Yes

### CONTAINER CAPACITY

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

### BIOGRAPHICAL INFORMATION

Decommissioned in 2022. Vessel to be deconstructed. Henry Hudson (1565-1611). Born in England, he is famous for his attempts to find the Northwest passage. In his searches, he spent time in what is modern New York, and laid the foundation for the Dutch colonization of the region. During his final journey, he discovered the straight, and the immense bay that would eventually be named for him. That winter while on the shore of James Bay, his crew mutinied, and left Hudson and his son, who were never seen again.

### MODERNIZATION INFORMATION

Not applicable

### VESSEL IMAGES

