



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 m³
Fuel Capacity : 1268.00 m³
Fuel Consumption : 7.60 m³/d
Ice Class : Arctic Class 2
Class of Voyage : Unlimited - beyond 2000nm
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 : Active
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 : NA

HELICOPTER FACILITIES

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

Area : 138.0 m²
Area : 28.0 m²
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 - Bridgmaster II - X Band
Radars 2 : Sperry Marine - Bridgmaster 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 m³ **Hatch Size** : 3.6 x 2.3
Hold #2 : 405.0 m³ **Hatch Size** : 3.6 x 2.3
Main Deck : 70.0 m²
Boat Deck : 80.0 m²
Forecastle : 204.0 m²
After Deck : 132.0 m²

SCIENTIFIC EQUIPMENT

Lab No. 1 : Hydrographic **Area** : 20.0 m²
Lab No. 2 : Oceanographic **Area** : 20.0 m²
Lab No. 3 : Geo-Chem **Area** : 40.0 m²
Lab No. 4 : General Purpose **Area** : 18.0 m²
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 :

BIOGRAPHICAL INFORMATION

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

Coming Soon

VESSEL IMAGES

