



CCGS SIR WILFRED GRENFELL



Official Number: 809762 Call Sign: CGJY

VESSEL SPECIFICATIONS

Length : 68.5 m
Breadth : 15.0 m
Draft : 5.4 m
Freeboard : 1.5 m
Gross Tonnage : 2404.0 t
Net Tonnage : 664.5 t
Crushing Range : 11000 nm
Endurance : 35 d
Cruise Spd : 11.5 kts
Maximum Spd : 16.0
Fresh Water : 213.10 m³
Fuel Capacity : 879.70 m³
Fuel Consumption : 11.20 m³/d
Ice Class : none
Class of Voyage : Unlimited - beyond 2000nm
MARPOL : Yes
IMO : 8415495

ENGINEERING

Propulsion : Geared Diesel
Propulsion Desc.: (2) x Deutz - 628/SBV16
 (2) x Deutz - 628/SBV9
Power : 9592 kw
Propellers : (2) x Controllable Pitch
Thrusters: Bow: Yes Stern: Yes
Emer.Gen Set: (1) x Iveco - Aiifo 8031
Generators: (2) x Shaft Generator
 (2) x General Motors - 92-T

GENERAL OPERATION AND CREWING

Vessel Class : Offshore Patrol Vessel
Port of Registry : Ont. - Ottawa
Home Region : Western Region
Home Port : B.C. - Victoria
Vessel Status : Active
Complement : 20
Officers : 9
Crew : 11
Berths Available : 16
Crewing Regime : Layday

CONSTRUCTION DETAILS

Builder : Marystown Shipyard Ltd.
Build Material : Steel
Ownership : Canadian Coast Guard
Year Launched : 1985
Year in Service : 1987
Year Disposed : NA

HELICOPTER FACILITIES

Helo Capacity : NA
Type 1 : NA
Type 2 : NA
Type 3 : NA
Type 4 : NA
Flight Deck : Yes **Area :** NA
Hangar : No **Area :** NA
Storage : No **Fuel :** NA

DECK EQUIPMENT

Main Hoist : Crane **SWL :** 3.0 t
Crane 1 : Crane **SWL :** 3.0 t
Crane 2 : N/A **SWL :** NA
Crane 3 : N/A **SWL :** NA
Towing Equip. : Winch **Bollard Pull :** 70.0 t
Workboat 1 : RHIB **Launcher :** Miranda Davit
Workboat 2 : RHIB **Launcher :** Miranda Davit
Workboat 3 : N/A **Launcher :** N/A
Workboat 4 : N/A **Launcher :** N/A

COMMS AND NAVIGATION EQUIPMENT

VHF AM: (2) x Collins - HS-500
VHF FM: (2) x Sailor - RT-146
 (1) x Motorola - Astro Spectra
 (1) x Skanti - 3000
HF: (1) x Motorola - Micom
 (1) x Harris - RF 3200
SatComms: (1) x Nera B Inmarsat
 (1) x Westinghouse Series 1000 Msat
 (1) x Sailor SC4000 Iridium
Gyro: (1) x Sperry - Mk 37
Radars 1 : Sperry Marine - Bridgemaster E - X Band
Radars 2 : Sperry Marine - Bridgemaster E - X Band
Radars 3 : N/A
Weather Fax: N/A
Elec. Charts: (2) x ICAN Aldebaran II
Auto Pilot: N/A
Speed Logs: (1) x JRC - JLN-203
GPS: (2) x Northstar - 941X, (1) x SAAB - R4 (AIS)
MF DF: (1) x Taiyo - C338 HS
VHF DF: (1) x OAR - Cubic DF4400
Depth Sounders: (2) x Skipper - GDS 101
Sonar: N/A





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HOLDS AND DECK SPACE

Hold #1 : NA
 Hold #2 : NA
 Main Deck : 180.0 m²
 Boat Deck : 36.0 m²
 Forecastle : 20.0 m²

Hatch Size : N/A
 Hatch Size : N/A

SCIENTIFIC EQUIPMENT

Lab No. 1 : Hospital converts to dry lab
 Area : 15.0 m²
 Lab No. 2 : No
 Area : NA
 Lab No. 3 : No
 Area : NA
 Lab No. 4 : No
 Area : NA
 Scientific LAN : Yes
 Scientific Winches : (2X) 12 ton Tugger Winchs
 Scientific Sounders: N/A
 Power on Deck: Hydraulic: Yes
 Electrical: Yes

CONTAINER CAPACITY

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

BIOGRAPHICAL INFORMATION

Sir Wilfred Thomason Grenfell (1865-1940). Born in England, Grenfell studied medicine in London before being sent to Newfoundland in 1892 to help improve the health conditions of coastal communities. The mission expanded to include developing schools, social work, and other work projects. Sir Grenfell was knighted as a result of his years of service to the communities in the Great Northern Peninsula of Newfoundland.

MODERNIZATION INFORMATION

VESSEL IMAGES

