



CCGS SIR WILFRED GRENFELL

Official Number: 809762 Call Sign: CGJY

VESSEL SPECIFICATIONS

Length : 67.7 m
Breadth : 15.0 m
Draft : 5.8 m
Freeboard : 1.5 m
Gross Tonnage : 2404.0 t
Net Tonnage : 684.9 t
Cruising 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 : Near Coastal - Class 1
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
Generators : (2) x Shaft Generator
 (2) x Caterpillar - C18

GENERAL OPERATION AND CREWING

Vessel Class : High Endurance Multi-Tasked Vessel
Port of Registry : Ont. - Ottawa
Home Region : Western Region
Home Port : B.C. - Victoria
Vessel Status : Active
Complement : 24
Officers : 10
Crew : 14
Berths Available : 42
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
Hangar : No
Storage : No

Area : NA
Area : NA
Fuel : NA

DECK EQUIPMENT

Main Hoist : Hawboldt - 66
Crane 1 : Crane
Crane 2 : Crane
Crane 3 : Crane
Towing Equip. : Winch
Workboat 1 : RHIB
Workboat 2 : RHIB rescue boat
Workboat 3 : Workboat
Workboat 4 : N/A

SWL : NA
SWL : 20.0 t
SWL : 8.0 t
SWL : 5.0 t
Bollard Pull : 146.5 t
Launcher : Palfinger - Marine
Launcher : Palfinger - Marine
Launcher : Crane
Launcher : N/A

COMMS AND NAVIGATION EQUIPMENT

VHF AM : N/A
VHF FM : (2) x Sailor - 6222
 (1) x Motorola - UHF/VHF Dual Band
HF : (1) x Sailor - 6301
SatComms : (1) x Sailor - 6110 Inmarsat C
 (1) x Thales - VesselLink
 (1) x Sailor SC4000 Iridium
Gyro : (1) x Sperry Marine - NAVITGAT 2100
Radars 1 : Furuno - RCU-025 X-Band
Radars 2 : Furuno - RCU-025 S-Band
Radars 3 : N/A
Weather Fax : N/A

Elec. Charts : (1) x ICAN - Aldebaran IV
 (1) x Furuno - ECDIS
Auto Pilot : (1) x Sperry Navipilot 4000
Speed Logs : (1) x Sperry Marine - NAVIKNOT
GPS : (2) x SAAB - R5 Supreme
MF DF : N/A
VHF DF : (1) x Rhotheta - 500 M
Depth Sounders : (2) x Wartsila - Elac LAZ 5200
Sonar : N/A





CCGS SIR WILFRED GRENFELL

HOLDS AND DECK SPACE

Hold #1 : 17.0 m³
Hold #2 : NA
Main Deck : 220.0 m²
Boat Deck : 36.0 m²
Forecastle : 20.0 m²
Hatch Size : 4.7 x 3.9
Hatch Size : N/A

SCIENTIFIC EQUIPMENT

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

CONTAINER CAPACITY

Focsle : NA
Boat Deck : 1
Flight Deck : NA
After Deck : 5
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. Last update: 23 December, 2022

MODERNIZATION INFORMATION

The Sir Wilfred Grenfell was converted into a Navigation Aids Tender in 2020-2021. A cargo hold was constructed, the aft deck was rebuilt to be a working buoy deck, and a few crane was fitted to the vessel.

VESSEL IMAGES

