



CCGS SIR JOHN FRANKLIN

Official Number: 842730 Call Sign: VFAM

VESSEL SPECIFICATIONS

Length : 63.4 m
Breadth : 16.0 m
Draft : 6.2 m
Freeboard : 2.5 m
Gross Tonnage : 2672.0 t
Net Tonnage : 892.0 t
Cruising Range : 6400 nm
Endurance : 31 d
Cruise Spd : 8.0 kts

Maximum Spd : 12.5
Fresh Water : 43.60 m³
Fuel Capacity : 370.20 m³
Fuel Consumption : 8.00 m³/d
Ice Class: Polar Class 7
Class of Voyage: Unlimited
MARPOL: Yes
IMO : 9781839

ENGINEERING

Propulsion: Diesel electric AC/DC
Propulsion Desc.: (3) x Caterpillar - 3512
Power : 2250 kw
Propellers: (1) x Fixed Pitch
Thrusters: Bow: Yes **Stern**: No
Emer.Gen Set: (1) x Caterpillar - C9
Generators: N/A

GENERAL OPERATION AND CREWING

Vessel Class : Offshore Fishery Science Vessel
Port of Registry : Ont. - Ottawa
Home Region : Western Region
Home Port : B.C. - Victoria
Vessel Status : Active
Complement : 23
Officers : 10
Crew : 13
Berths Available : 13
Crewing Regime : Layday

CONSTRUCTION DETAILS

Builder : Vancouver Shipyards
Build Material : Steel
Ownership : Canadian Coast Guard
Year Launched : 2017
Year in Service : 2019
Year Disposed : NA

HELICOPTER FACILITIES

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

DECK EQUIPMENT

Main Hoist : N/A **SWL** : NA
Crane 1 : Total Technology Solutions - Crane **SWL** : 5.0 t
Crane 2 : Total Technology Solutions - Crane **SWL** : 5.0 t
Crane 3 : N/A **SWL** : NA
Towing Equip. : Nylon Braid Rope **Bollard Pull** : 32.0 t
Workboat 1 : RHIB **Launcher** : Palfinger - Marine
Workboat 2 : N/A **Launcher** : N/A
Workboat 3 : N/A **Launcher** : N/A
Workboat 4 : N/A **Launcher** : N/A

COMMS AND NAVIGATION EQUIPMENT

VHF AM: (1) x Jotron - TR-810
VHF FM: (2) x Sailor - 6222
HF: (1) x Sailor - 6301
SatComms: (1) x Thales - Surelink
 (1) x Sailor SC4000 Iridium
Gyro: (2) x Raytheon-Anshutz - Horizon
Radars 1 : Raytheon-Anshutz - Nautoscan 770-002
Radars 2 : Raytheon-Anshutz - Nautoscan 770-004
Radars 3 : N/A
Weather Fax: N/A

Elec. Charts: (1) x Raytheon-Anshutz - Synapsis
Auto Pilot: (1) x Raytheon-Anshutz - NP5400
Speed Logs: (1) x Skipper - EML224
 (1) x Skipper - CUM001
GPS: (2) x SAAB - R5 Supreme
MF DF: N/A
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

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

SCIENTIFIC EQUIPMENT

Lab No. 1 : Oceanographic Lab
Lab No. 2 : Wet Lab
Lab No. 3 : Acoustics Lab
Lab No. 4 : Dry/BIO Lab

Area : 73.0 m²
Area : 162.0 m²
Area : 46.0 m²
Area : 66.0 m²

Scientific LAN : Yes
Scientific Winches : 4 Oceanographic winches
Scientific Sounders: (3) x
Power on Deck: Hydraulic: Yes
Electrical: Yes

CONTAINER CAPACITY

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

BIOGRAPHICAL INFORMATION

Sir John Franklin (1786 – 1847) was a British naval officer and explorer. He led multiple high-profile expeditions to Canada's arctic, which ultimately led to the detailed mapping of previously uncharted northern coastlines. Last update: 22 December 2022

MODERNIZATION INFORMATION

CCGS Sir John Franklin is the first large vessel built under the National Shipbuilding Strategy.

VESSEL IMAGES

