



CCGS SIR WILLIAM ALEXANDER

Official Number: 807685 Call Sign: CGUM

VESSEL SPECIFICATIONS

Length : 83.0 m	Maximum Spd : 16.0
Breadth : 16.2 m	Fresh Water : 112.30 m³
Draft : 5.8 m	Fuel Capacity : 784.00 m³
Freeboard : 1.7 m	Fuel Consumption : 6.50 m³/d
Gross Tonnage : 3727.2 t	Ice Class : Arctic Class 2
Net Tonnage : 1503.0 t	Class of Voyage : Unlimited
Cruising Range : 6500 nm	MARPOL : No
Endurance : 120 d	IMO : 8320482
Cruise Spd : 13.7 kts	

ENGINEERING

Propulsion : Diesel Electric AC/AC
Propulsion Desc.: (3) x Alco - 251F
Power : 5250 kw
Propellers : (2) x Fixed Pitch
Thrusters : Bow : Yes Stern : No
Emer.Gen Set : (1) x Caterpillar - 3306
Generators : (1) x Caterpillar - 3508

GENERAL OPERATION AND CREWING

Vessel Class : High Endurance Multi-Tasked Vessel
Port of Registry : Ont. - Ottawa
Home Region : Atlantic Region
Home Port : N.S. - Dartmouth
Vessel Status : Active
Complement : 26
Officers : 10
Crew : 16
Berths Available : 9
Crewing Regime : Layday

CONSTRUCTION DETAILS

Builder : Marine Industries Ltee.
Build Material : Steel
Ownership : Canadian Coast Guard
Year Launched : 1987
Year in Service : 1987
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 **Area** : 130.0 m²
Hangar : Yes **Area** : 65.0 m²
Storage : Yes **Fuel** : 22.9 m³

DECK EQUIPMENT

Main Hoist : N/A	SWL : 20.0 t
Crane 1 : HIAB Seacrane	SWL : NA
Crane 2 : HIAB Seacrane	SWL : NA
Crane 3 : N/A	SWL : NA
Towing Equip. : Winch	Bollard Pull : NA
Workboat 1 : RHIB	Launcher : Miranda Davit
Workboat 2 : SP Barge	Launcher : Standard Davit
Workboat 3 : N/A	Launcher : N/A
Workboat 4 : N/A	Launcher : N/A

COMMS AND NAVIGATION EQUIPMENT

VHF AM : (2) x Collins - 251	Elec. Charts : (1) x ICAN Aldebaran II
VHF FM : (2) x Sailor - RT-146	(1) x OSL ECPINS
HF : (2) x Motorola - Micom	Auto Pilot : (1) x Wagner Mk 6
SatComms : (1) x Westinghouse Series 1000 Msat	Speed Logs : (1) x Sperry Marine - SRD-331
Gyro : (2) x Anschutz - Standard 4	GPS : (1) x Magnavox - MX200, (1) x SAAB - R4 (AIS)
Radars 1 : Sperry Marine - Bridgemaster II - X Band	MF DF : (1) x Taiyo - TD A121
Radars 2 : Sperry Marine - Bridgemaster II - S Band	VHF DF : (1) x OAR - Cubic 320
Radars 3 : Sperry Marine - Bridgemaster II - X Band	Depth Sounders : (2) x Elac - LAZ-72
Weather Fax : N/A	Sonar : N/A





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HOLDS AND DECK SPACE

Hold #1 : 840.0 m³
Hold #2 : NA
Main Deck : 210.0 m²
Boat Deck : 168.0 m²
Forcastle : 78.0 m²
After Deck : 133.0 m²

Hatch Size : 5.5 x 5.0
Hatch Size : N/A

SCIENTIFIC EQUIPMENT

Lab No. 1 : No
Lab No. 2 : No
Lab No. 3 : No
Lab No. 4 : No
Scientific LAN : No
Scientific Winches : No
Scientific Sounders: N/A
Power on Deck: Hydraulic: No
Electrical: Yes

CONTAINER CAPACITY

Focsle : 2
Boat Deck : NA
Flight Deck : 1
After Deck : NA
Other : Not Applicable

BIOGRAPHICAL INFORMATION

Born in Scotland, Sir William Alexander was the First Earl of Stirling, and was knighted in 1614. In 1621, King James I granted him a royal charter, appointing him mayor of a vast territory which was enlarged into a lordship and barony of New Scotland the area now known as Nova Scotia, New Brunswick, and part of the northern United States. In this position he was instrumental in developing colonies at Port Royal, Nova Scotia and Long Island. These colonies became the foundation for New Brunswick, Nova Scotia and New York.

MODERNIZATION INFORMATION

VESSEL IMAGES

None available

