



## CCGS SIR WILLIAM ALEXANDER



Official Number: 807685 Call Sign: CGUM

### VESSEL SPECIFICATIONS

**Length** : 83.0 m  
**Breadth** : 16.2 m  
**Draft** : 5.8 m  
**Freeboard** : 1.7 m  
**Gross Tonnage** : 3727.2 t  
**Net Tonnage** : 1503.0 t  
**Cruising Range** : 6500 nm  
**Endurance** : 120 d  
**Cruise Spd** : 13.7 kts

**Maximum Spd** : 16.0  
**Fresh Water** : 112.30 m<sup>3</sup>  
**Fuel Capacity** : 784.00 m<sup>3</sup>  
**Fuel Consumption** : 6.50 m<sup>3</sup>/d  
**Ice Class**: Arctic Class 2  
**Class of Voyage**: Unlimited - beyond 2000nm  
**MARPOL**: No  
**IMO** : 8320482

### 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  
**Hangar** : Yes  
**Storage** : Yes

**Area** : 130.0 m<sup>2</sup>  
**Area** : 65.0 m<sup>2</sup>  
**Fuel** : 22.9 m<sup>3</sup>

### DECK EQUIPMENT

**Main Hoist** : N/A  
**Crane 1** : HIAB Seacrane  
**Crane 2** : HIAB Seacrane  
**Crane 3** : N/A  
**Towing Equip.** : Winch  
**Workboat 1** : RHIB  
**Workboat 2** : SP Barge  
**Workboat 3** : N/A  
**Workboat 4** : N/A

**SWL** : 20.0 t  
**SWL** : NA  
**SWL** : NA  
**SWL** : NA  
**Bollard Pull** : NA  
**Launcher** : Miranda Davit  
**Launcher** : Standard Davit  
**Launcher** : N/A  
**Launcher** : N/A

### COMMS AND NAVIGATION EQUIPMENT

**VHF AM**: (2) x Collins - 251  
**VHF FM**: (2) x Sailor - RT-146  
**HF**: (2) x Motorola - Micom  
**SatComms**: (1) x Westinghouse Series 1000 Msat  
**Gyro**: (2) x Anschutz - Standard 4  
**Radars 1** : Sperry Marine - Bridgemaster II - X Band  
**Radars 2** : Sperry Marine - Bridgemaster II - S Band  
**Radars 3** : Sperry Marine - Bridgemaster II - X Band  
**Weather Fax**: N/A

**Elec. Charts**: (1) x ICAN Aldebaran II  
 (1) x OSL ECPINS  
**Auto Pilot**: (1) x Wagner Mk 6  
**Speed Logs**: (1) x Sperry Marine - SRD-331  
**GPS**: (1) x Magnavox - MX200, (1) x SAAB - R4 (AIS)  
**MF DF**: (1) x Taiyo - TD A121  
**VHF DF**: (1) x OAR - Cubic 320  
**Depth Sounders**: (2) x Elac - LAZ-72  
**Sonar**: N/A





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### HOLDS AND DECK SPACE

Hold #1 : 840.0 m<sup>3</sup>      Hatch Size : 5.5 x 5.0  
 Hold #2 : NA      Hatch Size : N/A  
 Main Deck : 210.0 m<sup>2</sup>  
 Boat Deck : 168.0 m<sup>2</sup>  
 Forecastle : 78.0 m<sup>2</sup>  
 After Deck : 133.0 m<sup>2</sup>

### SCIENTIFIC EQUIPMENT

Lab No. 1 : No      Area : NA  
 Lab No. 2 : No      Area : NA  
 Lab No. 3 : No      Area : NA  
 Lab No. 4 : No      Area : NA  
 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

