



## CCGS EDWARD CORNWALLIS



Official Number: 807037 Call Sign: CGJV

### 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** : 783.70 m<sup>3</sup>  
**Fuel Consumption** : 6.60 m<sup>3</sup>/d  
**Ice Class**: Arctic Class 2  
**Class of Voyage**: Unlimited - beyond 2000nm  
**MARPOL**: Yes  
**IMO** : 8320470

### 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** : 25  
**Officers** : 10  
**Crew** : 15  
**Berths Available** : 9  
**Crewing Regime** : Layday

### CONSTRUCTION DETAILS

**Builder** : Marine Industries Ltee.  
**Build Material** : Steel  
**Ownership** : Canadian Coast Guard  
**Year Launched** : 1986  
**Year in Service** : 1986  
**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 m<sup>2</sup>  
**Hangar** : Yes **Area** : 65.0 m<sup>2</sup>  
**Storage** : Yes **Fuel** : 22.9 m<sup>3</sup>

### DECK EQUIPMENT

**Main Hoist** : Speedcrane **SWL** : 14.0 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 Icom - IC-A110  
**VHF FM**: (2) x Sailor - C403  
**HF**: (1) x Motorola - Micom-X  
 (1) x Sailor - RE-2100 SSBHF  
**SatComms**: (1) x Nera Saturn BM Inmarsat  
 (1) x Sailor SC4000 Iridium  
**Gyro**: (2) x Sperry - Navigat 3000  
**Radars 1** : Sperry Marine - Bridgemaster E - X Band  
**Radars 2** : Sperry Marine - Bridgemaster E - S Band  
**Radars 3** : Sperry Marine - Bridgemaster E - X Band  
**Weather Fax**: (1) x Furuno - Fax 207  
**Elec. Charts**: (1) x ICAN Aldebaran II  
 (1) x OSL ECPINS  
**Auto Pilot**: (2) x Comnav 2001  
**Speed Logs**: (8) x Sperry Marine - SRD-331  
**GPS**: (2) x SAAB - R4 (AIS)  
**MF DF**: N/A  
**VHF DF**: (1) x OAR - Cubic 320  
**Depth Sounders**: (1) x Elac - LAZ-72, (1) x Skipper - GDS 101  
**Sonar**: N/A





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### HOLDS AND DECK SPACE

Hold #1 : 840.0 m<sup>3</sup>  
 Hold #2 : NA  
 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>

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

Area : NA  
 Area : NA  
 Area : NA  
 Area : NA  
 Electrical: Yes

### CONTAINER CAPACITY

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

### BIOGRAPHICAL INFORMATION

The Honourable Lieutenant General Edward Cornwallis (1713-1776). Born in London, England Cornwallis was a British military officer who, with 2500 settlers, founded the city of Halifax in the mid-18th century. During that time period, Cornwallis also served as the Governor of Nova Scotia. Later, he would become the Governor of Gibraltar during the Seven Years War. The current vessel is the second Coast Guard Ship to bear the name; the first was built in 1949.

### MODERNIZATION INFORMATION

### VESSEL IMAGES

