



## CCGS VIOLA M. DAVIDSON

Official Number: 834342 Call Sign: CGEC

## VESSEL SPECIFICATIONS

**Length** : 18.0 m  
**Breadth** : 5.2 m  
**Draft** : 2.4 m  
**Freeboard** : NA  
**Gross Tonnage** : 59.4 t  
**Net Tonnage** : 44.6 t  
**Cruising Range** : NA  
**Endurance** : NA  
**Cruise Spd** : 14.0 kts

**Maximum Spd** : 16.0  
**Fresh Water** : 0.50 m<sup>3</sup>  
**Fuel Capacity** : 3.00 m<sup>3</sup>  
**Fuel Consumption** : NA  
**Ice Class** : none  
**Class of Voyage** : Near Coastal  
**MARPOL** : No  
**IMO** : No

## ENGINEERING

**Propulsion** : Geared Diesel  
**Propulsion Desc.** : (2) x Volvo Penta - D12  
**Power** : 744 kw  
**Propellers** : (2) x Fixed Pitch  
**Thrusters** : Bow: Yes Stern: No  
**Emer.Gen Set** : N/A  
**Generators** : (2) x Northern Lights - M844K

## GENERAL OPERATION AND CREWING

**Vessel Class** : Specialty Vessel  
**Port of Registry** : Ont. - Ottawa  
**Home Region** : Atlantic Region  
**Home Port** : N.B. - St. Andrews  
**Vessel Status** : Active  
**Complement** : 3  
**Officers** : 2  
**Crew** : 1  
**Berths Available** : NA  
**Crewing Regime** : Conventional

## CONSTRUCTION DETAILS

**Builder** : ABCO Industries Ltd.  
**Build Material** :  
**Ownership** : Canadian Coast Guard  
**Year Launched** : 2010  
**Year in Service** : 2010  
**Year Disposed** : NA

## HELICOPTER FACILITIES

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

**Area** : NA  
**Area** : NA  
**Fuel** : NA

## DECK EQUIPMENT

**Main Hoist** : Heila HMLR  
**Crane 1** : N/A  
**Crane 2** : N/A  
**Crane 3** : N/A  
**Towing Equip.** : Nylon Braid Rope  
**Workboat 1** : RHIB  
**Workboat 2** : N/A  
**Workboat 3** : N/A  
**Workboat 4** : N/A

**SWL** : 1.2 t  
**SWL** : NA  
**SWL** : NA  
**SWL** : NA  
**Bollard Pull** : NA  
**Launcher** : Heila - HLMR  
**Launcher** : N/A  
**Launcher** : N/A  
**Launcher** : N/A

## COMMS AND NAVIGATION EQUIPMENT

**VHF AM** : (1) x Icom - IC-A110  
**VHF FM** : (1) x Icom - IC-M604  
**HF** : N/A  
**SatComms** : N/A  
**Gyro** : (1) x Sperry - SR2100  
**Radars 1** : Sperry Marine - Bridgemaster E - X Band  
**Radars 2** : Raymarine - E Series - X Band  
**Radars 3** : N/A  
**Weather Fax** : N/A

**Elec. Charts** : (1) x ICAN Aldebaran II  
**Auto Pilot** : (1) x Comnav 2001  
**Speed Logs** : N/A  
**GPS** : (1) x SAAB - R4 (AIS)  
**MF DF** : N/A  
**VHF DF** : (1) x OAR - Cubic DF4400  
**Depth Sounders** :  
**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 No. 2 : 0  
Lab No. 3 : 0  
Lab No. 4 : 0  
Scientific LAN : No  
Scientific Winches : NA  
Scientific Sounders: N/A  
Power on Deck: Hydraulic: No

Area : 10.0 m<sup>2</sup>  
Area : NA  
Area : NA  
Area : NA

Electrical: No

### CONTAINER CAPACITY

Focsls : NA  
Boat Deck : NA  
Flight Deck : NA  
After Deck : NA  
Other : NA

### BIOGRAPHICAL INFORMATION

Dr. Viola Davidson conducted the research for her M.Sc. and Ph.D. degrees on marine phytoplankton at the St. Andrews Biological Station during the years 1924-1932 as a volunteer investigator. At this time it was relatively unusual for a woman to do graduate studies in marine science. Her later volunteer work (1947-48) was on salmon and eel movement at the Grand Lake rearing ponds at Wellington Station, NS. Dr. Davidson's substantive position was as a teacher at Central High School of Commerce in Toronto through the 1920s-1940s. She was a passionate and dedicated marine scientist.

### MODERNIZATION INFORMATION

Coming Soon

### VESSEL IMAGES

