



CCGS CAPTAIN MOLLY KOOL

Official Number: 841979 Call Sign: VAAE

VESSEL SPECIFICATIONS

Length : 83.7 m
Breadth : 18.0 m
Draft : 7.2 m
Freeboard : 8.5 m
Gross Tonnage : 3382.0 t
Net Tonnage : 1145.0 t
Cruising Range : 11000 nm
Endurance : 42 d
Cruise Spd : 11.0 kts

Maximum Spd : 16.0
Fresh Water : 342.00 m³
Fuel Capacity : 1500.00 m³
Fuel Consumption : 30.00 m³/d
Ice Class : DNV - ICE 10 Icebreaker
Class of Voyage : Unlimited
MARPOL : Yes
IMO : 9199646

ENGINEERING

Propulsion : Geared Diesel
Propulsion Desc.: (2) x MAK - 8M32
 (2) x MAK - 6M32
Power : 13440 kw
Propellers : (2) x Controllable Pitch
Thrusters : Bow: Yes Stern: Yes
Emer.Gen Set : (1) x Caterpillar - 3306
Generators : (2) x Caterpillar - 3412

GENERAL OPERATION AND CREWING

Vessel Class : Medium Icebreaker
Port of Registry : Ont. - Ottawa
Home Region : Atlantic Region
Home Port : N.L. - St. John's #39;s
Vessel Status : Active
Complement : 19
Officers : 9
Crew : 10
Berths Available : 9
Crewing Regime : Layday

CONSTRUCTION DETAILS

Builder : Havyard Leirvik A.S., Hordaland, Norway
Build Material : Steel
Ownership : Canadian Coast Guard
Year Launched : 2001
Year in Service : 2018
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 : N/A
Crane 1 : unknown - Hydraulic Knuckleboom
Crane 2 : Hydra Marine - Telescopic
Crane 3 : N/A
Towing Equip. : Winch
Workboat 1 : RHIB
Workboat 2 : RHIB
Workboat 3 : N/A
Workboat 4 : N/A

SWL : NA
SWL : 12.0 t
SWL : 1.5 t
SWL : NA
Bollard Pull : 200.0 t
Launcher : Miranda Davit
Launcher : Crane
Launcher : N/A
Launcher : N/A

COMMS AND NAVIGATION EQUIPMENT

VHF AM : (1) x ICOM - ICA200
VHF FM : (1) x Motorola - APX 8500
 (4) x Sailor - 6222
HF : (2) x Sailor - 6301
SatComms : (1) x Sailor - 6110 Inmarsat C
 (1) x Thales - VesselLink
 (1) x Sailor - Iridium SC4150
Gyro : (2) x Sperry - Navigat 3000
Radars 1 : Furuno - FAR 2827 X-Band
Radars 2 : Furuno - FAR 2837 S-Band
Radars 3 : Furuno - FAR 2827 X-Band
Weather Fax : N/A

Elec. Charts : (2) x Transas - Naviplanner 4000
Auto Pilot : (1) x EMRI - SEM 200
Speed Logs : (1) x Sperry Marine - NAVIKNOT
GPS : (2) x SAAB - R5 Supreme
MF DF : N/A
VHF DF : (1) x Rhotheta - 500 M
Depth Sounders : (1) x ELAC - ES 5100, (1) x Sperry Marine - ES-5100
Sonar : N/A





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HOLDS AND DECK SPACE

Hold #1 : NA
 Hold #2 : NA
 After Deck : 603.0 m²

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

SCIENTIFIC EQUIPMENT

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

Area : NA
 Area : NA
 Area : NA
 Area : NA

Electrical: No

CONTAINER CAPACITY

Focsle : NA
 Boat Deck : NA
 Flight Deck : NA
 After Deck : 10
 Other : NA

BIOGRAPHICAL INFORMATION

Myrtle (Molly) Kool, the first female licenced ship's captain in North America. Born in Alma, New Brunswick in 1916, Molly was the daughter of a Dutch sea captain. She spent summers sailing on the waters in and around the Bay of Fundy with her father, learning about life at sea and becoming an accomplished sailor. After high school, Molly convinced the Merchant Marine School in Saint John, New Brunswick, to admit her as a student; she was the only woman to ever attend the school. In 1937 she obtained her Mate's Certificate and became a mate on her father's 70-foot scow, the Jean K. In 1939, she obtained her coastal Master's Certificate and graduated from the Marchant Marine Institute in Yarmouth, Nova Scotia. She was first female deep sea Captain in North America. At the time, she was only the second woman in the world to hold that achievement.

MODERNIZATION INFORMATION

vessel purchased in 2018 - ex VIDAR VIKING. Last update: 15 November 2022.

VESSEL IMAGES

