

The right ship for the RCN. The right ship for Canada.

# **SPECIFICATIONS:**

# **AMENITIES:**

Length: 151.4 metres	Displacement: 8080 tonnes	Accommodations: 210
Beam: 20.75 metres	Navigational Draught: ~8m	Medical Facilities
Speed: 27 knots	Range: 7000 nautical miles	Shipboard Wi-Fi
Class: 15 ships		Dedicated Gym/Fitness Facilities

## **ELECTRONIC WARFARE & COUNTERMEASURES SUITE**

- Radar/Radio ESM Frequency Identification
- Laser Warning and Countermeasures System
- Radio Frequency and Electronic Jammers
- Electronic Decoy System

#### **AVIATION FACILITIES**

- 1 x CH-148 Cyclone Helicopter
- · Space for embarking Remotely Piloted Systems
- Helo Hauldown and Traverse System
- Indal Technologies Inc.

# **WEAPONS**

- · Lightweight Torpedoes MK54 & Twin Launch
- Close-In Air Defence System MBDA Sea Ceptor
- 2 x Stabilized Rapid Fire 30mm Naval Gun System
- · Surface-to-Surface Anti-Ship Missile
- Kongsberg Naval Strike Missile

#### **SURVEILLANCE & WEAPON SENSORS**

- Solid State 3D Active Electronically Scanned Array (AESA) Radar LMC SPY-7
- Solid State AESA Target Illuminator MDA
- Navigation Radars X & S Band
- Electro-Optical and Infrared Systems L3 Harris Wescam

#### **COMMAND & CONTROL**

- Combat Management System LMC CTI with AEGIS
- Sensor Networking
- Integrated Cyber Defence System
- Integrated Bridge and Navigation System OSI
- Internal and External Communication Suite L3 Harris

#### **WEAPONS**

- Missile Vertical Launch System 24 Cells LMC MK 41
- Area Air Defence Missiles Raytheon Standard Missile 2
- Point Defence Missiles Raytheon Evolved Sea Sparrow
- · Naval Fire Support Missile
- Main Gun System 127mm Leonardo Vulcano



#### **RECONFIGURABLE MISSION** & BOAT BAYS

- 1 x Rescue Boat 9 metres
- 2 x Multi-Role Boats 9-12 metres
- Mission Bay Handling System Rolls Royce
- Modular Mission Support Capacity
- Sea Container, Vehicles, Boats

### PROPULSION & POWER GENERATION

- Combined Diesel-Electric or Gas Propulsion System (CODLOG)
- 2 x Electric Motors GE
- 1 x Gas Turbine Rolls Royce MT 30
- 4 x Diesel Generators Rolls Royce MTU
- Integrated Platform Management System L3 Harris

## INTEGRATED UNDERWATER WARFARE SYSTEM

- Towed Low Frequency Active & Passive Sonar Ultra Electronics
- Hull-Mounted Sonar Ultra Electronics Sonar S2150
- Towed Torpedo Countermeasures Ultra Electronics SEA SENTOR S21700
- Sonobuoy Processing System General Dynamics
- Expendable Acoustic Countermeasures



Canada