

THE RIVER-CLASS DESTROYER



SPECIFICATIONS:

Length: 151.4 metres	Displacement: 7,800 tonnes	Accommodations: 210
Beam: 20.75 metres	Navigational Draught: ~8m	Medical Facilities
Speed: 27 knots	Range: 7000 nautical miles	Dedicated Gym/Fitness Facilities
Class: 15 ships		Shipboard Wi-Fi

AMENITIES:

ELECTRONIC WARFARE & COUNTERMEASURES SUITE

- Radar/Radio Electronic Support Measures Frequency Identification / Surface Electronic Warfare Improvement Program Block 2 (AN/SLQ 32V6)
- Laser Warning and Countermeasures System
- Off-board Electronic Attack - LEED

AVIATION FACILITIES

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

SURVEILLANCE & WEAPON SENSORS

- Solid State 3D Active Electronically Scanned Array (AESA) Radar – LM SPY-7
- Navigation Radars – X & S Band
- Electro-Optical and Infrared Systems

COMMAND & CONTROL

- Combat Management System – Aegis Combat System with LMC Canadian Tactical Interface
- USN Cooperative Engagement Capability – Sensor Netting
- Integrated Cyber Defence System
- Integrated Bridge and Navigation System – OSI
- Internal and External Communication Suite – L3 Harris

WEAPONS

- Lightweight Torpedoes MK54 & Twin Launch Tubes
- Close-In Air Defence System – Rolling Airframe Missile
- 2 x Stabilized Rapid Fire 30mm Naval Gun System
- Surface-to-Surface Anti-Ship Missile – Kongsberg Naval Strike Missile



WEAPONS

- Missile Vertical Launch System 24 Cells – LM MK 41
- Area Air Defence Missiles – Raytheon Standard Missile 2
- Point Defence Missiles – Raytheon Evolved Sea Sparrow
- Naval Fires Support – Raytheon Tomahawk
- Main Gun System - BAE MK 54 Mod 4 127mm

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
- Hull-Mounted Sonar – Ultra Electronics Sonar S2150
- Towed Torpedo Countermeasures – Ultra Electronics SEA SENTOR S2170
- Sonobuoy Processing System – General Dynamic Mission Systems (GDMS)
- Expendable Acoustic Countermeasures