

RESOLVE-CLASS AOR

AUXILIARY OILER REPLENISHMENT SHIP





Three levels of innovation for the Royal Canadian Navy

Owned by Federal Fleet Services, the Resolve-Class Auxiliary Oiler Replenishment provides the Canadian Armed Forces with a strategically enabling asset.

Instead of a costly newbuilding, Canada has adopted the same build methodology (by converting an existing vessel) as other international navies such as the Royal Navy and US Navy. Then, instead of selling the ship to Canada, it will be provided as part of a Provision of Services Agreement which leverages efficient, lean and internationally developed marine operations management practices.

What's more, the design provides an enhanced AOR capability which incorporates the latest and greatest in Canadian and international technologies.

Speed > 20 knots Accommodation 150 + 350 (HaDR) Helicopter 2 x CH-148 F76 (Marine Diesel) 10,500m3 F44 (Aviation Fuel) 1,300m3 **RAS Masts** 4 STREAM type Hospital NATO 2E Small craft 8 assorted **Dynamic Positioning** Yes

www.federalfleet.ca

RESOLVE-CLASS AUXILIARY OILER REPLENISHMENT SHIP

The Resolve-Class Auxiliary Oiler Replenishment provides the Canadian Armed Forces with a strategically enabling asset for:

- simultaneous underway liquid and solid replenishment of two naval vessels (fuel, supplies, ammunition etc.)
- providing enhanced Humanitarian and Disaster Relief capabilities
- · fleet medical support
- enhanced helicopter support and maintenance
- · command and control functionality
- intermodal transportation of 38 containers (20 refrigerated)

KEY SPECIFICATIONS

Length	182.5m
Beam	25.2m
Crew	150 persons
HADR complement	350 persons
Helicopters	2 x CH-148 Cyclone
Small craft	8 craft
RAS masts	4 STREAM-type
F76 Marine Diesel	10,500 m3
F44 Aviation Fuel	1,300 m3



Resolve-Class Auxiliary Oiler Replenishment Ship

Displacement: 26,000 tonnes

Halifax-Class Canadian Patrol

Displacement: 4,700 tonnes

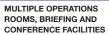
Harry Dewolf-Class Arctic / Offshore Patrol Ship

Displacement: 6,440 tonnes



HELICOPTER DECK AND TWO HANGARS

Designed for the Cyclone CH-148, capable fo accommodating up to Chinook-size

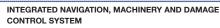


For operational command and control function



SMALL CRAFT WITH LAUNCH AND RECOVERY SYSTEMS

- 4 x Rigid Hulled Inflatables
- 2 x Fast Rescue Craft
- 2 x Lifeboats



Fully integrated bridge from which to control and monitor navigation, machinery and damage control systems

2 x LCVP (Landing Craft, Vehicle and Personnel) for transfer of personnel, stores and vehicles and humanitarian operations



REPLENISHMENT AT SEA

NATO STREAM-type liquid and solid replenishment for alongside replenishment on both sides of the ship simultaneously (four stations)



CONTAINERISED STORAGE AREA

A protected, environment-controlled area for the storage of containerised stores, supplies and ammunition serviced by cargo elevators for packing / unpacking while at sea



MEDICAL AND HUMANITARIAN

Large medical facilities + emergency accommodation for up to 350 passengers



VEHICLE BAY

Vehicle bay on tween-deck for LAVs, trucks, jeeps and other light vehicles



EXTRA PROPULSION

A retractable thruster for extra redundancy, improved maneuvering and dynamic station keeping offshore

