



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.

Builder, Year	Davie, 2017
Length	182.5 meters
Speed	> 20 knots
Accommodation	150 + 350 (HaDR)
Helicopter	2 x CH-148
F76 (Marine Diesel)	10,500m ³
F44 (Aviation Fuel)	1,300m ³
RAS Masts	4 STREAM type
Hospital	NATO 2E
Small craft	8 assorted
Dynamic Positioning	Yes

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 Frigate
Displacement: 4,700 tonnes



Harry Dewolf-Class Arctic / Offshore Patrol Ship
Displacement: 6,440 tonnes

