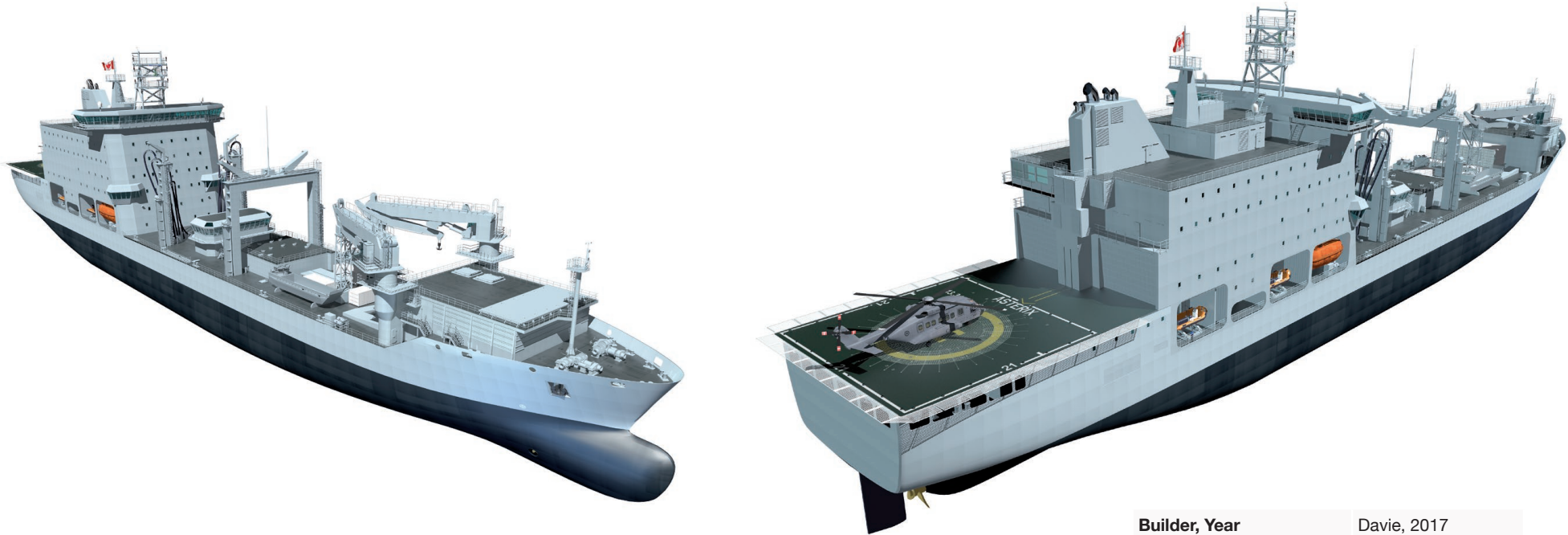




RESOLVE-CLASS AOR

MULTI-PURPOSE NAVAL SUPPORT SHIP



Three levels of innovation for the Royal Canadian Navy

Owned by Federal Fleet Services, the Resolve-Class Auxiliary Oiler Replenishment / Naval Support Ship 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 modern 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)
Helicopters	2 x CH-148 (or Chinook)
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 Maneuvering	Yes

www.federalfleet.ca

RESOLVE-CLASS NAVAL SUPPORT 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.)
- RAS fully compliant with ATP-16 with four NATO STREAM
- Providing enhanced Humanitarian and Disaster Relief capabilities
- Fleet medical support with NATO 2E Hospital
- Enhanced helicopter support and maintenance
- 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
Cranes.....	2
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



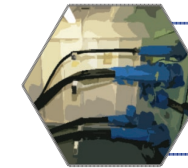
Harry Dewolf-Class Arctic / Offshore Patrol Ship
Displacement: 6,440 tonnes



HELICOPTER DECK AND TWO HANGARS
Designed for the Cyclone CH-148, capable to accommodating up to Chinook-size



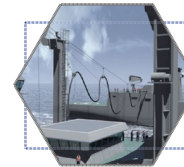
INTEGRATED NAVIGATION, MACHINERY AND DAMAGE CONTROL SYSTEM
Fully integrated bridge from which to control and monitor navigation, machinery and damage control systems



SHORE CONNECTIONS
Capability to provide power and desalinated water to shore for humanitarian operations.



MULTIPLE OPERATIONS ROOMS, BRIEFING AND CONFERENCE FACILITIES
For operational command and control function



REPLENISHMENT AT SEA
NATO STREAM-type liquid and solid replenishment for alongside replenishment on both sides of the ship simultaneously. Four Replenishment At Sea stations in order to be fully compliant with NATO requirements (ATP-16).



SMALL CRAFT WITH LAUNCH AND RECOVERY SYSTEMS
2 x Rigid Hulled Inflatables
2 x Fast Rescue Craft
2 x Lifeboats
2 x Landing Craft



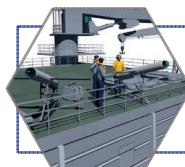
CONTAINERISED STORAGE AREA
A protected, environment-controlled area for the storage of containerised stores, supplies and ammunition serviced by cargo elevators for packing / unpacking while at sea



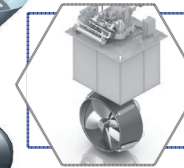
MEDICAL AND HUMANITARIAN
Large medical facilities + emergency accommodation for up to 350 passengers



VEHICLE CAPABILITIES
Vehicle bay on tween-deck for light vehicles
Mexeflote-ready for ship-to-shore operations



UNMANNED AERIAL VEHICLES
Ready for installation of Unmanned Aerial Vehicles



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



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

