



HMNZS AOTEAROA

HMNZS AOTEAROA is a unique vessel built to replace the now decommissioned tanker HMNZS ENDEAVOUR to provide global sustainment to New Zealand and coalition maritime, land and air units. Sustainment is primarily provided through resupply of fuel and secondarily through resupply of dry goods, water, spare parts or ammunition.

Possible missions include Humanitarian and Disaster Relief, support to United Nations security operations, support to a coalition Naval Task Group, or Antarctic resupply. Capabilities supporting these missions include the ability to carry 12 twenty foot shipping containers, high capacity fresh water generation plants, self-defence systems, aviation and marine fuel cargo tanks, dual all-electric replenishment at sea rigs, one organic SH-2G(NZ) Seasprite or NH90 medium utility helicopter, integrated communications and bridge systems, an integrated platform management system and winterisation features such as upper deck heating and ice strengthened hull.

AOTEAROA is built to the exacting standards of the Lloyds Register of Shipping and of the International Maritime Organisation. These standards ensure that the RNZN continues to meet its commitments as a responsible ship operator now and into the future. Some design features to support these commitments include a hull design to reduce through life fuel use, electric power take-in propulsion for use at low speeds. Selective Catalytic Reducers to reduce harmful NOx exhaust emissions, and adherence to Polar Code safety regulations and ice strengthened to Polar Class level 6 for Antarctic operations.

**A FORCE FOR
NEW ZEALAND**

SPECIFICATIONS:

Class	Auxiliary Oiler Replenishment (AOR)
Shipbuilder	Hyundai Heavy Industries, Ulsan, South Korea
Propulsion System	Combined Diesel Electric and Diesel (CODLAD) provided by 2 x Bergen B33:45L9P diesels supplemented by 2 x electric power take in motors. 2 x flap rudders and 2 x controllable pitch propellers
Power generation	4 x 2.6MW MTU 20V4000M53B, 1 x 410kw STX KTA19DMGE emergency generator
Length	173.2 metres
Beam	24.5 metres
Draught	8.4 metres
Displacement (full)	26,000 tonnes
Range	6750 nautical miles
Design speed	16 knots
Total liquid cargo capacity	9,500 tonnes
Typical dry goods cargo capacity	12 x twenty foot equivalent units
Core Crew	64
Bunks	100 (including 2 in the sick bay and a VIP cabin)