

babcock™ Arrowhead™ 140



Anti-Submarine Warfare (ASW) & Anti-Air Warfare (AAW) Frigate



The Platform

- › Arrowhead 140 Anti-Submarine Warfare (ASW) and Anti-Air Warfare (AAW) is a highly capable and adaptable blue water frigate that can contribute and enhance a nation's maritime defence capability providing a blend of ASW and AAW capabilities.
- › Arrowhead 140 is a proven hull form, which significantly reduces programme risks. The vessel delivers high levels of survivability, operability and responsiveness and is a modern, global platform that can operate for national purposes or within a coalition force.

KEY CHARACTERISTICS

Overall length	138.7m
Beam, maximum	19.8m
Displacement	5,700te
Max speed	28+knots
Endurance	1-2 months
Propulsion	CODAD, 2 x CPP

Anti-Submarine & Anti-Air Warfare

- › Arrowhead 140 ASW & AAW variant provides a versatile blend of capability allowing a navy to undertake a broad range of operational tasks in peace, transition to conflict and conflict, independently, or as part of a task group.
- › The AH140 ASW & AAW uses designed-in adaptability to maximise the versatility of the vessels for mixed combat operations.

Flight deck: Allows for launch and recovery of heavy lift helicopter.

Re-configurable mission bay and quarter deck: Provision for modular fit of towed systems.

Weapon control systems system location aft: EO/IR Fire control system.

Aft small calibre gun: 20mm – 40mm.

Missiles system: 1 x Mk41 8 cell strike length VLS.

Deck mounted surface-to-surface missile system.

Surveillance radar: Multiple mast options to support 3D & 4D air surveillance radars.

Weapon control systems: EO/IR fire control directors fitted forward and aft, with optional future upgrade to Radar/EO/IR directors.

Gun position B: 20mm – 40mm Small Calibre.

Gun position A: 57mm—76mm Medium calibre.

Bow: Hull mounted sonar.

Adaptable hangar: Sized for organic medium naval helicopter, a large unmanned aerial vehicle (UAV) and 2 x 20 ft ISO containers for UAV support.

Port & Starboard Boat Bays: Design provision for up to 4 x 9.5m. boats.

