

babcock™ Arrowhead™ 140



General Purpose Frigate



The Platform

- › Arrowhead 140 General Purpose Frigate (GPF) is a highly capable and adaptable blue water frigate that can contribute and enhance a nation's maritime defence capability.
- › 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

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

General Purpose

- › Arrowhead 140 GPF provides a versatile configuration of capability, providing navies with operational choice, and the ability to undertake a broad range of tasking associated with 'policing' and patrol roles.
- › The modular design provides a series of spaces that can be adapted or tailored for specific roles throughout the vessel's lifetime.

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.

Aft small calibre gun:
20mm – 40mm.

Weapon control systems system location aft: Radar /EO/IR fire control system or secondary air surveillance radar.

Adaptable missiles infrastructure: Can support Mk41 strike length, ExLS & MSL vertical launch systems.

Provision for deck-mounted surface-to-surface missiles.

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 to 5in calibre.

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

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

