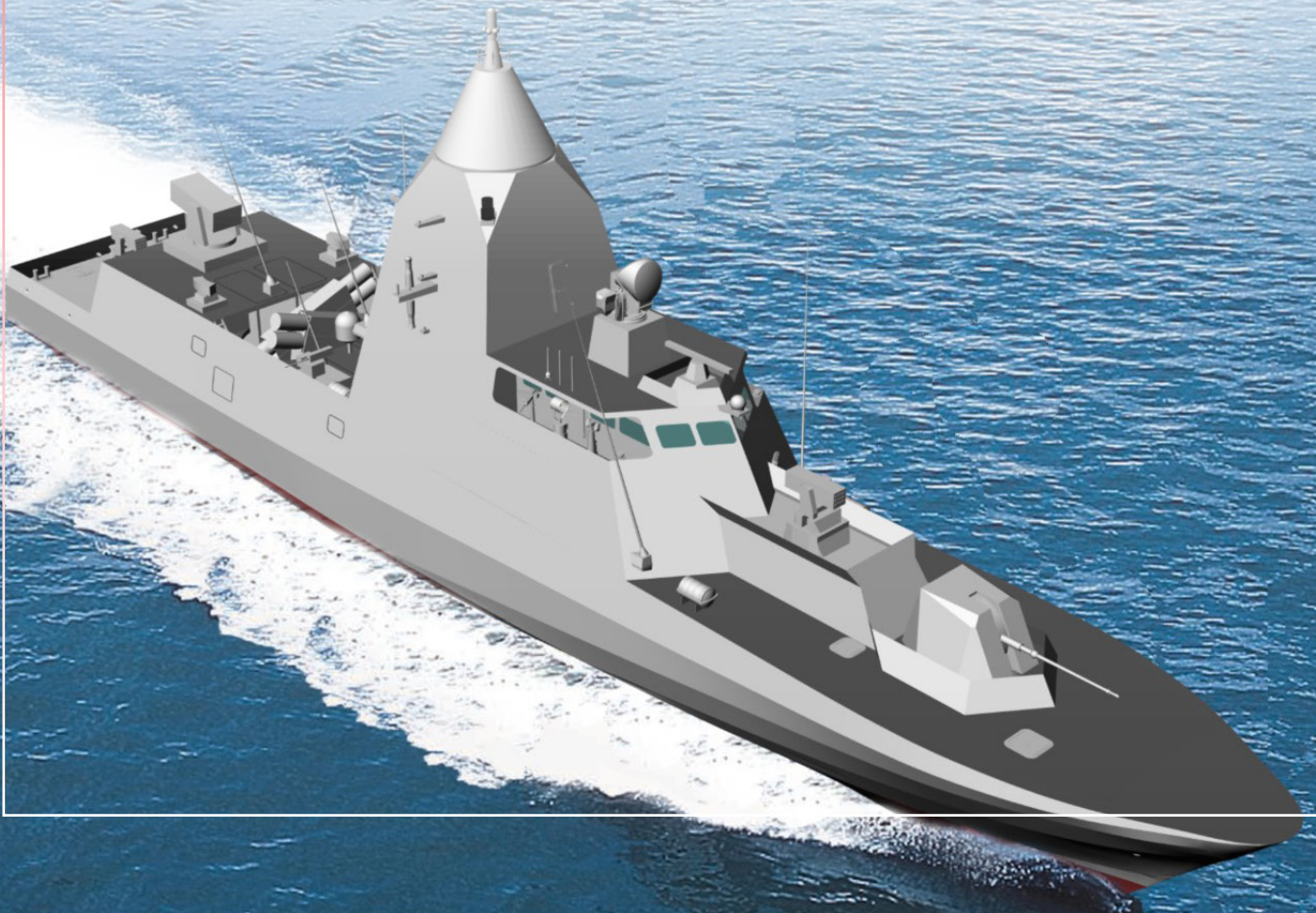


60M FALAJ-3 PATROL VESSEL



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Capable of operating in both littoral and blue waters, the 60-metre FALAJ 3 naval patrol vessel is designed and equipped suitably not only for advanced naval duties but also for tackling the present day challenges of asymmetric warfare.

Featuring a state-of-the-art combat management system, sensors and weapons, this platform can undertake warfare in three dimensions – Air, Surface and Sub-Surface.

FEARLESS AND STEALTHY

Based on the proven Fearless-Class platform, the FALAJ-3 features a design that reduces radar cross section, infrared, and acoustic signatures for a stealth profile on the seas.

SURVIVABILITY AND REDUNDANCY

FALAJ 3 boasts high survivability through CBRN, fire zone, and watertight protection, and accords with International Classification Society Naval Rules and U.S. Navy Stability Requirements for ship survivability. The vessel is designed with high redundancy, including 100% redundancy for critical and major systems.

ADVANCED “FLOAT AND SAIL”

FALAJ 3 is powered by 4 high power engines using 4 propellers to attain speeds excess of 26 Kn. It has 4 generators capable of producing 1.2 Megawatts of power. It is equipped with Integrated Platform Management System to monitor and control all platform systems from one single point. It also boasts of wide array of safety and fire-fighting equipment and includes a Rigid Hull Inflatable Boat

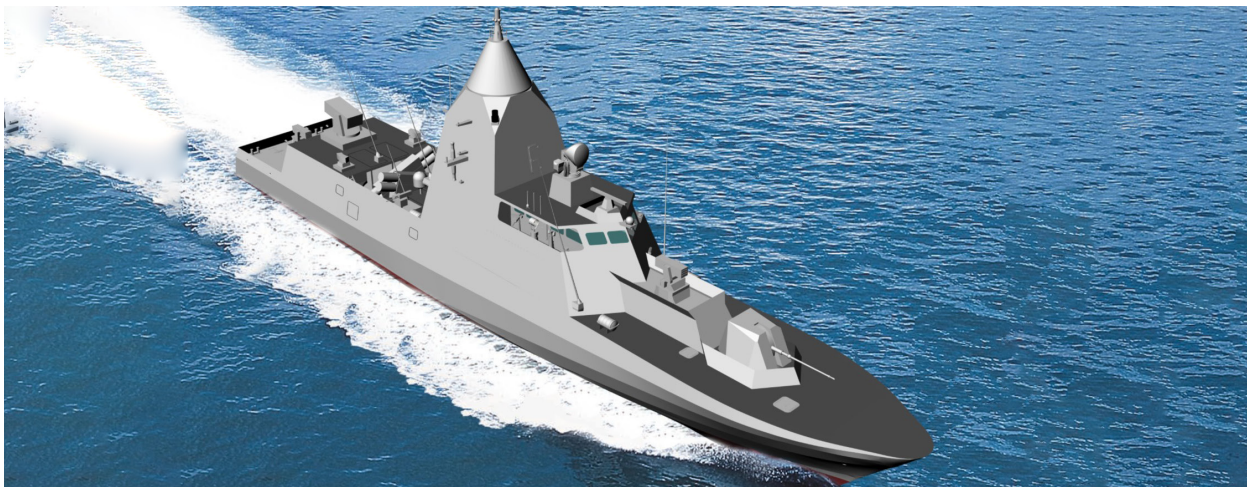
FALAJ-3 PATROL VESSEL

ADVANCED “EYES AND EARS”

The advanced combat management system, sensors and weapons enable the vessel to undertake warfare in the air, on the surface and sub-surface. Multiple sensor capabilities use the fusion of radar, infrared and laser technology to ensure the vessel can detect and track every movement of an adversarial force.

ARMAMENTS AND PAYLOADS

The FALAJ 3 carries a plethora of weapons, including missiles, rockets and medium-calibre guns – providing ample resources to defend itself from potential threats originating from any direction. Onboard decoy launchers are available to carry out soft-kill measures. The vessel also is fitted with the most modern digitised integrated communication and navigation suites.



PRINCIPAL SPECIFICATIONS

LOA	62.7M
BREADTH (MOULDED)	9.5M
DEPTH	4.45M
DRAFT (MOULDED)	2.6M
MAX DRAFT AT PROP.	3.4M
FULL LOAD DISPLACEMENT	680T APPROX
MAX SPEED	25 KN
RANGE AT 16 KNOTS	2000NM
COMPLEMENT	39 PERSONS
PROPULSION	4 X MARINE ENGINES, GEARBOX AND SHAFTS