ALFA 3000

Existing well proven design with powerful combat system

- Economic Exclusive Zone (EEZ) monitoring & surveillance with helicopter operations
- Merchant shipping control
- Search and rescue operations
- Anti-Surface, Anti-Air, Anti-Submarine and Asymmetric warfare operations
- Naval gunfire support
- Warfare and intelligence gathering

Navantia
Your partner at sea
**Main Characteristics**

- Length Overall: 104.20 m
- Length Between Perpendiculars: 93 m
- Maximum Breadth: 14.40 m
- Depth to Main Deck: 7.35 m
- Design Draught: 4.32 m
- Maximum Speed: 27 kt
- Range: 5,000 nm (15 kt)
- Accommodation: 102

**Integrated Systems**

- Communications System: Integrated Communications Control System (ICCS), External and Internal Communications System
- Integrated Platform Management System (IPMS)

**Sensors**

- 1 x 3D Air-Surface Surveillance Radar
- 1 x Navigation Radar System (X-Band)
- 1 x Navigation Radar System (S-Band)
- IFF Combined Interrogator and Transponder System
- Electro-Optical Surveillance System (EOSS)
- 1 x Towed Array Sonar
- Radar Band Electronic Counter Measures (EW/RECM) System
- Communications Band Electronic Counter Measures (EW/CECM) System
- 1 x Electro-Optical Gun Fire Control System
- 1 x Radar & Electro-Optical Fire Control System
- Surface to Air-Missile (SAM) Fire Control System (“Up-Link”)

**Weapons**

- Surface to Air Missile (SAM) Vertical Launching System (16 cells)
- 2 x Quadruple launchers for Surface to Surface Missile (SSM) (8 cells)
- 1 x 76 mm Medium Range Gun
- 1 x 35 mm Gun CIWS
- 2 x 20 mm RWS
- Decoy launcher System
- 2 x Triple Torpedo Launchers (6 tubes)

**Propulsion and Electric Plant**

- CODAD Propulsion Plant
- 4 x 5920kW four-stroke Marine Propulsion Diesel Engines
- 2 x Reduction Gears
- 2 x Controllable Pitch Propellers
- 4 x 660 kWe Diesel Generator Sets (2 Independent Power Stations)

**Helicopter & RHIBs Operation**

- 2 x RHIBs
- Flight deck with VERTREP capabilities designed for a MH-60R helicopter
- Hangar designed for a MH-60R helicopter