

# F-310 Class

AEGIS combat system stealth frigate with high level of survivability

- Five units in-service
- Powerful combat system
- Stealth design, with reduced signatures (underwater, IR, radar cross section, magnetic, electric)
- Shock resistance, ballistic protection, damage control



 **Navantia**  
Your partner at sea

## MAIN CHARACTERISTICS

- Length Overall ..... 130 m
- Maximum Breadth ..... 16.8 m
- Full Load Displacement ..... 5,290 t
- Design Draught ..... 4.9 m
- Maximum Speed ..... 26 kt
- Range ..... 4,500 nm
- Accommodation ..... 146

## PROPULSION AND ELECTRIC PLANT

- CODAG:
  - 2 x 4,500 kW CODAG Diesel Engines
  - 1 x 21,500 kW Gas Turbine
- 2 x Controllable Pitch Propellers (CPP)
- 1 x Retractable Electric Engine
- 4 x Diesel Generators



## INTEGRATED SYSTEMS

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

## COMBAT MANAGEMENT SYSTEM

- AEGIS CMS which manages the target detection, control and engagement sequence, through the main radar, the Command & Decision Systems and the ships Weapons Control System

## SENSORS

- 1 x 3D SPY-1 F Radar
- IFF System
- Tactical Data Link 11 and Link 16
- 1 x Surface Radar (S-Band)
- 2 x Navigation Radars (X-Band)
- 1 x IRST
- 1 x Hull Mounted Sonar
- 1 x Tower Array Sonar
- Radar & Communications ESM
- 2 x Illuminators (MK-82)
- 1 x EO FCS

## WEAPONS

- 1 x 76 mm Gun (OtoMelara SRG)
- 1 x 40 mm Gun
- 1 x MK41 VLS 8 cells (32 x ESSMs)
- 2 x SSM Quad Launcher (8 x NSMs)
- 2 x Twin Torpedo Launchers
- 2 x Decoy Launchers
- Torpedo Decoys