AWD Air Warfare Destroyer

A proven top-class light destroyer

- Combat Group flag ship in high threat scenarios
- Fleet protection providing area and local defence
- Cooperative Engagement Capability
- Fitted for Ballistic Missile Defence Capability
- Proven and reliable design evolved from F-100 class: five units in service plus three units under construction
- Outstanding capabilities in AAW, ASW and ASuW
**Main Characteristics**

- Length Overall: 146.7 m
- Maximum Breadth: 18.6 m
- Design Draught: 4.75 m
- Maximum Speed: 28 kt
- Cruising Speed: 18 kt
- Range at Cruising Speed: >5,000 nm
- Endurance: 30 days
- Accommodation: 234

**Propulsion Plant**

- 2 x independent CODOG Propulsion Plant
- 2 x 17,500 kW Gas Turbines
- 2 x 5,650 kW Diesel Engines

**Combat Management System**

- AEGIS System
- National Interface for Weapons and ASW, ASuW and EW sensors
- Tactical Data Link
- Co-operative Engagement Capability

**Sensors**

- 3D Multi-function Radar
- Horizon Search Radar
- Target Illumination System and 2x Radar Illuminators
- Gun Fire Control System
- IFF System
- 2 x Electro-Optical Surveillance Systems
- 2 x IRST
- Hull Mounted Sonar and Variable Depth Sonar
- Radar and Communications ESM/ECM

**Weapons**

- 48 cell Medium- and Long-range Surface-to-Air Missile Vertical Launch System
- 2 x Surface-to-Surface Missile Quadruple Launchers
- 1 x Main Gun
- 2 x Secondary Guns
- Close-In Weapon System
- 2 x Light-Weight Torpedo Double Launchers
- Torpedo Countermeasure System
- 4 x Active Decoy Launchers
- 4 x Passive Decoy Launchers

**Integrated Systems**

- Integrated Navigation System (Integrated Bridge, WECDIS, AIS)
- Communications System: Integrated Communications Control System (ICCS), External and Internal Communication Systems
- Integrated Platform Management System (IPMS)

**Helicopter**

- Multi-Purpose ASW Helicopter and Light Airborne Multi-Purpose System