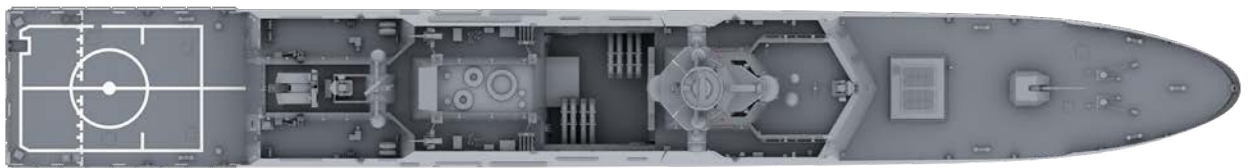




I CLASS FRIGATE

I Class Frigate is an advanced design based on the experience gained from Ada Class Corvettes. I Class Frigates are equipped with advanced Network Supported Data Integrated Command & Control System and sensors & weapons in order to accomplish mainly AAW and SUW as well as ASW duties.



CAPABILITIES

- High maneuvering capability
- Sea keeping and stability
- High durability and disturbed sensors & weapons in response to fires and damages
- Sensors & weapons configuration for principal warfare areas
- Stealth design and low radar cross section
- Reduced underwater noise against submerged threats and degaussing system
- Redundancy philosophy
- Improved EW Capabilities
- Improved AAW Capabilities
- Improved Communication Systems
- Network Enabled Capability

| MAIN DIMENSIONS | |
|------------------|---------|
| Length Overall | 113.2 m |
| Length Waterline | 105.2 m |
| Max. Beam | 14.4 m |
| Draft | 4.05 m |

| SPEED & ENDURANCE | |
|-------------------|-------------------|
| Max. Speed | 29+ kts |
| Cruising Speed | 14 kts |
| Endurance | 5700 nm at 14 kts |

| TONNAGE | |
|--------------|--------|
| Displacement | 3000 t |

MAIN PROPULSION

- CODAG (2x Diesel Engine + 1x Gas Turbine)
- 2x Shaft and 2x Propeller (CPP)

POWER GENERATION

- 4x Diesel Generator

GROWTH CAPABILITIES

- Custom sensors & weapons
- Additional accommodation area

SENSORS & WEAPONS

- Network Supported Data Integrated Combat Management System
- 3D Search and Track Radar
- E/O Track System
- Fire Control Radars
- Illumination Radars
- Navigation and LPI Radars
- ESM
- ECM
- IR Search & Track System
- Chaff Decoy System
- Laser Warning System
- Hull Mounted Sonar
- Torpedo Counter Measure System
- Torpedo tubes
- SSM
- VLS
- 2x 25 mm Stabilized Gun
- CIWS
- 76 mm Gun
- IFF System
- ADSB
- Integrated Communication System (IP based)
- X and Ku-BAND SATCOM
- Ship Data Distribution System
- Ship Information System
- Navigation Systems
- (W)ECDIS
- WAIS

HELICOPTER PLATFORM & HANGAR

- Flight deck for 10 t class helicopter
- Helicopter Hangar

ACCOMMODATION

- Comfortable accommodation for 123 crew

SHIP'S BOATS

- 2 x RHIBs

