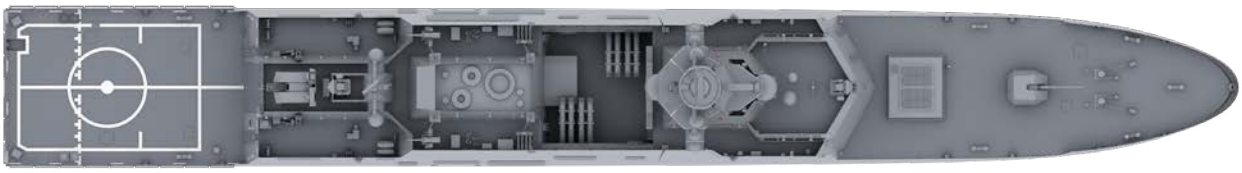
# I CLASS FRIGATE

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