



LF-2400

LIGHT FRIGATE

LF-2400 is a monohull Light Frigate, designed to perform offshore patrol, ASuW, ASW, air defence operations and act as command & control ship, equipped with conventional diesel propulsion system, conforming naval norms/standards and classification rules. The vessel is designed in collaboration with Savunma Teknolojileri Muhendislik (STM) of Turkey.

MAIN TASKS

Acting as command&control ship and participating in selected offensive operations

Economic exclusive zone (EEZ) monitoring & surveillance

Naval and Law Enforcement applications

Coastal and offshore patrolling&monitoring

Air Defence Duties

Conducting anti-surface (ASuW) and anti-submarine (ASW) operations

Air, surface and sub-surface surveillance and sea control including helicopter operations

Engagement of surface, air and sub-surface targets

Naval Gunfire Support (NGFS)

Conducting Electronic Warfare (EW)

Protection Sealines linking harbours to open seas

Conducting special forces operations

Search and Rescue (SAR) operations



COMBAT SHIPS



AMPHIBIOUS SHIPS



SUPPORT SHIPS



PATROL SHIPS



TRAINING SHIPS



LF-2400 LIGHT FRIGATE SPECS



CAPACITIES

Fuel (F-76)	320 t
JP-5	20 t
Fresh Water	40 t



SPEED / ENDURANCE

Max Speed	+ 27.0 kn
Max Cont. Speed	15.0 kn
Endurance	5000 nm @ 15 kn



MAIN PROPULSION

Main Engine	4 x 5920 kW
Propeller I Propulsion	2 x Shafts & CPP
Diesel Generator	4 x 588 kW



ACCOMMODATION

- Comfortable accommodation for 99 crew (including air crew)
- Galley, dry provisions, freezing rooms, wardroom/mess halls, offices, etc.
- Length of stay at sea: 21 days



MAIN DIMENSIONS

Length (OA)	108.00 m
Length (WL)	100.10 m
Beam	14.50 m
Draught (design)	3.60 m
Displacement	2350 t



WEAPONS / SENSORS

- Full 3-Dimensional Combat Management System
- 3D Surface and air Search Radar/IFF
- Fire Control Radar with EO Suit (TV/IR,LRF)
- E/O Director
- Electronic Warfare System (EWS)
- Laser Warning System
- SSM & SAM Launching System
- 1 x Forward Main Gun
- 2 x 12.7 or 20 or 30 mm Stabilized Platform Guns
- CHAFF RF/IR Decoy Control and Launching System
- Torpedo Launching System (triple launcher Port&Stbd)
- Hull Mounted Sonar (HMS)



SHIP EQUIPMENT

- 2 x RHIB
- 8 x Life Rafts



AVIATION FACILITIES

- Helicopter deck for landing and take off of helicopters up to 1 x 10 tons
- JP-5 & HIFR system

SCOPE OF SERVICES

- ☒ Conceptual Design
- ☐ Contract Design
- ☐ Production Engineering
- ☐ Post Production Services
- ☐ DeltaLoad Ship Loading Software
- ☐ Advanced Engineering Analyses

REFERENCES

- ⚓ No References Yet