15.5 M. Fast Interceptor Boat





This Fast Interceptor Boat (FIB) is capable of performing high speed pursuits and interception in various border protection roles including anti-smuggling, anti-infiltration, fisheries, patroling immigration and anti-terrorism activities. The vessel can also be used for search and rescue operations.

The boat hull is constructed making use of most advanced FRP construction technology i.e. Infusion technology, thus giving the boats the advantage of longer life, higher strength, light weight and increased speed while saving on operating costs. The FIB is capable of surviving at sea state 6 and capable of withstanding 4G acceleration and is a maneuvering marvel which can withstand rough waters and choppy seas. Even at its top speed, it can be brought to a grinding halt within seconds.

With an operating range of 150 nm with 25% reserve fuel, it can act as a mean machine to patrol the coastal waters, ports and anchorage areas as well as high seas within permissible limits beyond visual range.

The boat can be put into sea for operation in shortest possible time from an un-alerted state. The boats are fully air-conditioned for crew comfort during prolonged patrolling duties.

Life cycle support, Customization, Upgrades and Logistic support can be provided by GSL for this product.

Salient features of boat:

- **Patrolling in shallow coastal waters during day & night extended up to deep waters in limited capacity.**
- **Search & Rescue.**
- **Special forces operations.**
- **Interception & boarding of high speed vessels.**
- **Operate with force protection vessels & other crafts deployed.**

GOA SHIPYARD LIMITED
Ship Builders, Ship Repairers & Engineers
www.goashipyard.in

For further information, please contact:
Head of the Department
Business Development
Phone: +91-832-2501728

15.5 M. Fast Interceptor Boat





General

- **Hull Material** : Fibre Reinforced Plastic (FRP)
- **Wheel House** : Fibre Reinforced Plastic (FRP)
- **Classification** : Det Norske Veritas Germanischer Lloyds (DNV-GL) / IACS

Main Particulars

- **Length Overall** : 15.56 m
- **Breadth** : 04.00 m
- **Draught** : 0.90 m
- **Displacement** : 14.50 Ton (Approx)
- **Speed Max** : 35 ± 1 Knot at trial displacement
- **Endurance** : Not less than 150 nautical miles at a cruising speed of 20 knots plus 25% reserve fuel

Capacities

- **Accommodation** : 4 Crew and upto 8 passengers
- **Fuel Oil** : 1200 Ltrs
- **Fresh Water** : 150 Ltrs

Performance

- **Speed** : 35± 1 Knots
- **Range** : 150 nm with 25% reserve

Propulsion System

- **Main Engine** : 2 x Cummins QSC8.3 500IDI BHP @2600rpm. Diesel Engine/ Equivalent
- **Gear Box** : 2 x ZF 286 A Reversible Gear Box/ Equivalent
- **Propulsion** : 2 x Waterjet

Electrical Equipment

- **Networks** : 415 V, 3 Phase, 50 Hz / 230 V AC / 24 V DC
- **Generators** : 13 KVA 230 V AC 50 HZ

Deck Equipment

- Bollards
- Cleats
- Towing hook
- Bow Roller
- Anchor windlass

Nautical, Surveillance and Communication Equipment

- Echo Sounder
- Magnetic Compass
- GPS
- VHF & HF
- HFVHF
- Walkie-Talkies
- Marine & Night vision Binoculars
- Search light
- AIS

Life Saving Appliances

- Life Raft
- Life Jackets
- Life buoys, etc

GOA SHIPYARD LIMITED
Ship Builders, Ship Repairers & Engineers
(A Govt. of India Undertaking-Ministry of Defence)
Vasco-da-Gama, GOA - 403 802, INDIA

email: epsp@goashipyard.com url: www.goashipyard.in