35 Knots High Speed FRP Interceptor Craft



The boats are suitable for day / night surveillance and investigation operations in shallow waters in and around harbour and anchorage. The boats are highly seaworthy, unsinkable type (having 10% reserve buoyancy even when filled with water) and are able to sustain operation upto sea state 3 in open sea and also in breaking sea waves near the coast while in shallow water. The boats have propulsion, power generation, life saving & ballistic protection and other engineering and electrical systems to carry out safe and reliable operations.

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

Salient Features of boat:

- Undertake harbour and nearby coastal patrol independently.
- Investigate suspected vessels in / near harbour / anchorage for law enforcement duties.
- Limited search and rescue operations in and around harbour.
- Transportation of limited men and material between shore and vessels at anchorage.

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

35 Knots High Speed FRP Interceptor Craft



General

- **Functions** : Day / night surveillance and investigation operations in shallow waters in and around harbour and anchorage.
- **Hull Material** : Fibre Reinforced Plastic (FRP)
- **Classification** : IRS / IACS

Main Particulars

- **Length Overall** : 13.00 M (excluding aft platform)
- **Length on Waterline** : 11.30 M
- **Breadth (mid.)** : 3.70 M (including collar)
- **Draught at amidships** : 0.70 M
- **Draught at (max)** : 0.90 M
- **Displacement** : 12 Tons (full load condition)

Capacities

- **Accomodation** : 4 crew and upto 10 passengers
- **Fuel Oil** : 550 Litres
- **Fresh Water** : 100 Litres

Performance

- **Speed** : 35 knots
- **Range** : 75 NM at 25 knots with 25% reserve

Propulsion System

- **Main Engine** : 2 x 490 BHP @ 2500 rpm Cummins QSC 8.3 500 INT Inboard Diesel Engines / Equivalent
- **Gear Box** : 2 x Reversible Gear Box ZF 286 / Equivalent
- **Propulsion** : 2 x Waterjet Hamilton HJ 292 / Equivalent

Electrical Equipment

- **Network** : 24 V DC
- **Generator** : 9.1 KVA, 230 V AC, Mase IS9.1 S
- **Air Conditioner** : 30,000 BTU per Hr. Webasto WBCC30D

Deck Equipment

- Bollards, Fairlead, Bow roller, Tow hook etc.

Armament

- Provision for fitment of one LMG at foredeck and locker for stowage of arms.

Life Saving Appliances

- Life jackets, Life buoy etc.

Personal Protection Equipment

- Bullet proof wheelhouse, Bullet proof jackets & Bullet proof helmets etc.

Nautical, Surveillance and Communication equipment

- Radar
- Echo Sounder
- Communication and Magnetic Compass
- Global Positioning System
- VHF & police radio
- Walkie-talkies
- Marine & night vision binoculars
- Search light

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