Survey Motor Boat



The boat is capable of carrying out Hydrographic survey operations using modern surveying equipment / system, up to a minimum water depth of one meter below hull mounted single beam echo-sounder transducers. It shall also be able to undertake emergency operations like landing shore survey parties and providing logistic support to shore camps.

The boat has been designed to be operational and manoeuvred safely and effectively at speed with full complement in sea conditions. The vessel is very stable and resistant to capsize. The chines are particularly stiffened to ensure that impacts at the waterline do not compromise integrity of the hull.

The vessel offers good manoeuvrability and throttle response throughout its speed range and particularly when coming alongside or breaking away from an underway vessel at its full load and complement.

The design and construction of the boat is in such a way that it will be able to withstand sudden impacts arising from grounding, if any, without any compromise to integrity of the hull, to the extent possible.

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

GOA SHIPYARD LIMITED

Ship Builders, Ship Repairers & Engineers

www.goashipyard.in

For further information, please contact:

Head of the Department

Business Development

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Survey Motor Boat



General

- To carryout Hydrographic survey operations using modern surveying equipment/systems, up to a minimum water depth of one meter below hull mounted single beam echo-sounder transducers.

Material of Construction

- **Hull** : Fibre Reinforced Plastic (FRP)
- **Wheel House** : Fibre Reinforced Plastic (FRP)

Classification

- Indian Register of Shipping (IRS)

Main Particulars

- **Length extreme** : 9.35 M (Incl. all appendages)
- **Length Overall (Hull)** : 8.62 M
- **Breadth (mid.)** : 2.86 M
- **Draught (Max.)** : 0.60 M
- **Displacement** : 6.70 Tons (full load condition)

Capacities

- **Accomodation** : 3 crew and upto 6 passengers
- **Fuel Oil** : 500 Litres
- **Fresh Water** : 50 Litres

Performance

- **Speed** : More than 20 knots
- **Range** : 8 Hrs @ 12 knots speed

Propulsion System

- **Main Engine** : 2 x Volvo Penta D3 170 inboard diesel engines
- **Propulsion** : Volvo Penta integrated stern drive

Electrical

- **Networks** : 24 V DC
- **Generator** : 11KVA, 230 V AC. Cummins Onan DG set
- **Air Conditioner** : 1.5 ton Window Type AC

Deck Machinery

- **Equipment** : Bollards, Fairlead, Cleats, Towing hook, etc.

Armament

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

Nautical, Surveillance and Communication Equipment

- Radar
- Echo Sounder
- Magnetic Compass
- HF Radios
- Walkie-talkies

Life Saving Appliances

- Life jackets, Life buoys etc.

Davit

- Hand winch type, 50 kgs Lifting Capacity, 1.5 m reach.

Note: This boat can be customised as per owner's requirement.

GOA SHIPYARD LIMITED
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