

# AERO SHIPPING LLP

## AERO DISCOVERY



### General Vessel Description

Vessel type	Survey Boat
Classification	Bureau Veritas
Material	Aluminium Alloy
Grade	5083-H321
Extrusion	6061-T6 / 6082-T6
Passenger/Crew	12 / 2
Displacement (lightship)	16.20tonnes

### Principal Dimensions

Length overall	15.18 metres
Beam (maximum)	4.50 metres
Depth (mould)	2.12 metres
Draft (design)	0.95 metres

### Tank Capacities

Fuel Oil	2 x 750 litres
Fresh Water	200 litres

### Auxiliary Equipment

Generator	Kohler 17.5 EFOZD3-phase
Bilge/GS	4 x TMC Submersible Bilge Pump

### Construction Material

	Welded Aluminium Hull
Bottom of Hull	6 - 8 mm
Side of Hull	5 mm
Main Deck	4 mm
Superstructure	4 mm
Insert Plate & Engine Bed	16 mm

### Fire Fighting – Life Saving

As per Class Requirements

### Performance

Maximum speed	22 knots
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### Propulsion System

Main Engine	2 x CUMMINS QSL9M @ 405BHP
	Total power: 810BHP (605kw) at 2100RPM
Propulsion	2 x Fixed Pitch Propellers
Gear Box	ZF 325 1A

### Navigation and Communication Equipments

Navigation Lights and Switches, Masthead & Search Lights	
Radar	Furuno Radar 1715
Echo Sounder	Fuso FEC-609NDF
GPS	Furuno GP-32
Steering System	Palmarino PH0260
VHF	ICOM M304
AIS	Comnav Class A
Compass	Ritchie Magnetic Compass
Public Address System	SHOW SA-25

### Others

- Sewage Treatment Plant
- Non-Slip Deck
- Tempered/Toughened Glass Windows with Frame
- Aluminium Fuel Tank
- Stainless Steel Bow, Side and Aft Rail
- Aluminium Mooring Bitt
- Fully Welded Strong Aluminium Engine Bed
- Aft Lockable Door
- Rudder's Room Hatch
- Fender Eye Plates
- 3 Marine Wiper or Clear View
- Hydraulic Steering Systems
- Solar Blinds
- Tank's Room Hatch
- Anodes Base
- Wet Exhaust System
- Single Plate S/S Rudder

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