

ALUMINUM 50-PASSENGER GLASS BOTTOM BOAT



TECHNICAL SPECIFICATION

Length Overall	16.54 m
Beam Overall	5.70 m
Depth	2.70 m (main deck)
Speed	12 knots
Passengers capacity	50 Passengers
Material	Aluminium 5083 H111
Engine	2 x Suzuki OBM 200 hp
Class	IRS
Type of vessel	Glass Bottom Boat

TECHNICAL SPECIFICATION

PARTICULARS

- LENGTH - OVERALL -----16.26 m (excl. outboards)
- LENGTH - WATERLINE----- 15.80 m
- BEAM - OVERALL -----5.80 m (inc. sponsons)
- DEPTH----- - 2.70 m (to Main Deck)
- DRAFT ----- SDL 1.38 m

CAPACITIES

- FUEL -----2 x 300 L
- FRESH WATER -----2x 1000 L
- SULLAGE----- 1x 500 L
- BALLAST----- 12 tonnes
- PASSENGERS----- 50
- CREW----- 4

DISPLACEMENT

- SDL DISPLACEMENT----- 35 tonnes
- MACHINERY / PERFORMANCE
- MAIN ENGINES 2x SUZUKI OUTBOARD,----- each 200 hp
- MAXIMUM SPEED -----12 knots
- Bow thrust -----6KW
- Genset----- 6KW
- Lithium Battery bank Total -----800 Ah
- Able to afford up to 2,5 Mtr wave hight

Canopy structure and glass bottom:

- ✓ Canopy Structure Is Made Out Of FRP Composites With SS Piping Support.
- ✓ As Per Design And Spec , Bottom Glass Will Be Fixed With Water Tight To See Through The Coral View.

Deck Fittings: -

- Anchor – -----SHHP anchor with 50 kg
- Winch ----- with required motor winch will be fixed on deck to operate the Anchor load.
- Rope/ Chain ----- combined of 2-meter chain with 30-meter rope will be provided for anchor.
- Mooring Ropes and Towing Ropes will be provided as per drawing
- Bollard – -----4 nos of aluminium Bollard fixed.
- Rub rail ----- 100 mm rubber rub rail fixed all the way of hull on both sides will be fixed through SS bolts and nuts.
- Seats with UV Resistant Cushion with dining arrangement.

Fire Fitting equipment: -

- Fire extinguisher----- (powder 5kg DCP type) – qty 6 nos Type approval.
- Fire Alarm
- Fire hydrant -----32NB
- Fire hose -----32NB, 60 ft long hose with nozzle spray jet – 1 set
- Sand Scoop -----(0.075 Cum)
- Buckets -----(2 with LANYARD) – 2 nos

Lifesaving Appliances: -

- Life jacket Adult -----55 qty
- Life jacket Child-----6 qty
- Life buoy(-----2nos)
- Rope S.I light
- Life raft (2nos) -----25-person capacity will be fixed fore deck part.

Nav. Equipment: -

- VHF
- GPS
- Compass & Binocular
- Radar, Echo sounds
- Rudder angle indication
- Navigations Search light
- SART & AIS type B

Electrical & Plumbing

- Wiring Cables- all IRS approved cable will be fixed for electrical wiring
- Panel board – IRS type approved panel fixed
- Lights – LED lights fixed on top of deck inside and hull and wherever necessary.
- Battery – 4 Nos of 200 AH capacity Latium battery will be attached.
- Sockets / Switches
- Electrical Toilet fittings / 2nos
- Piping / Pump
- Auxiliary

Tanks

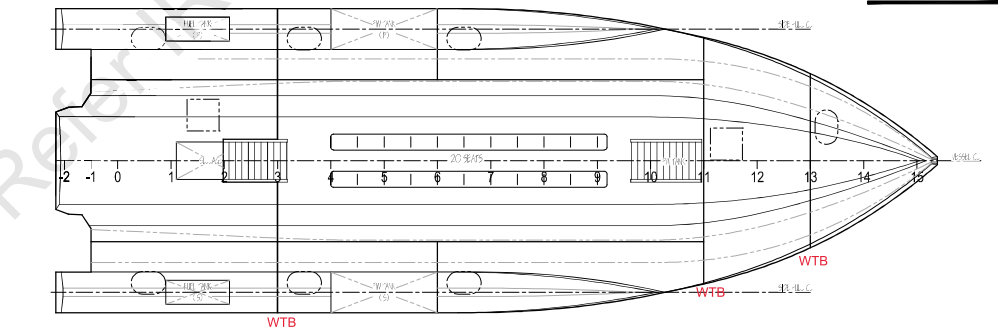
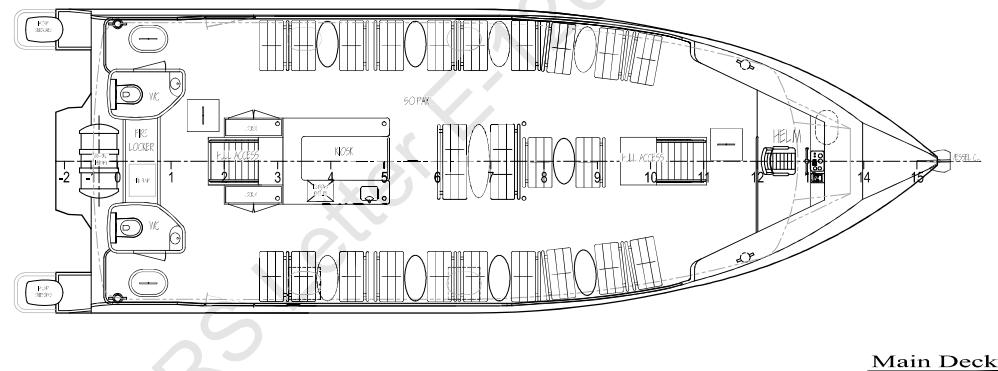
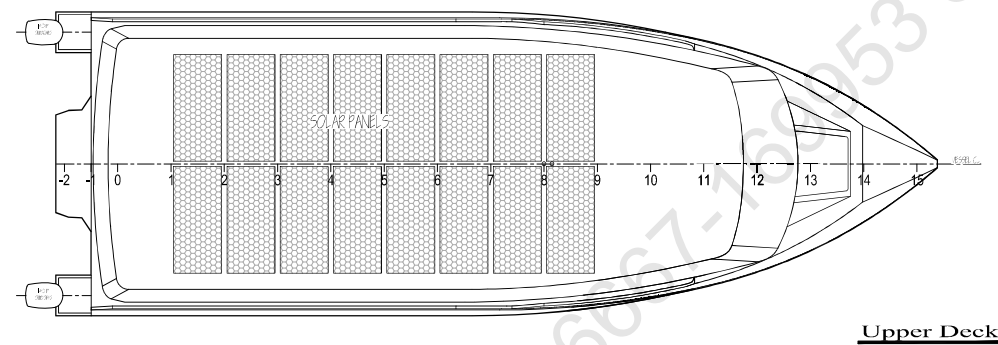
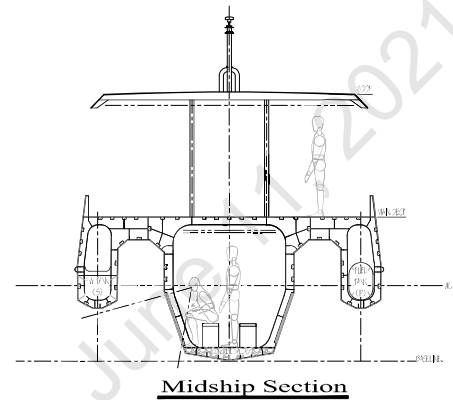
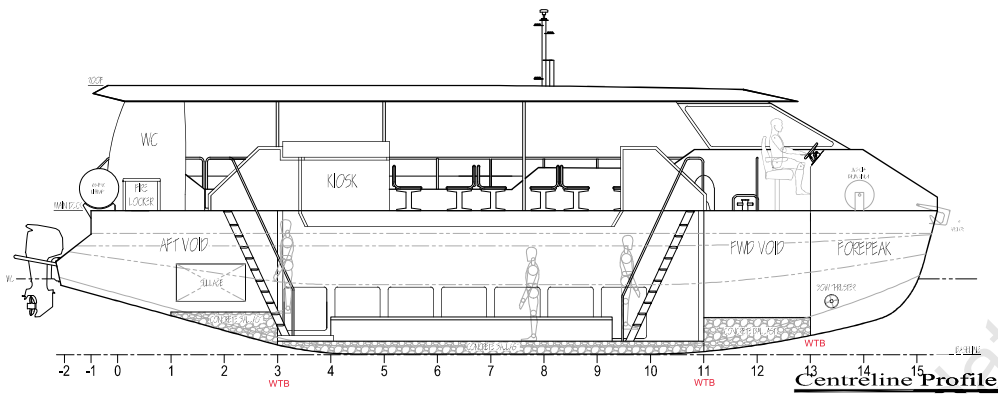
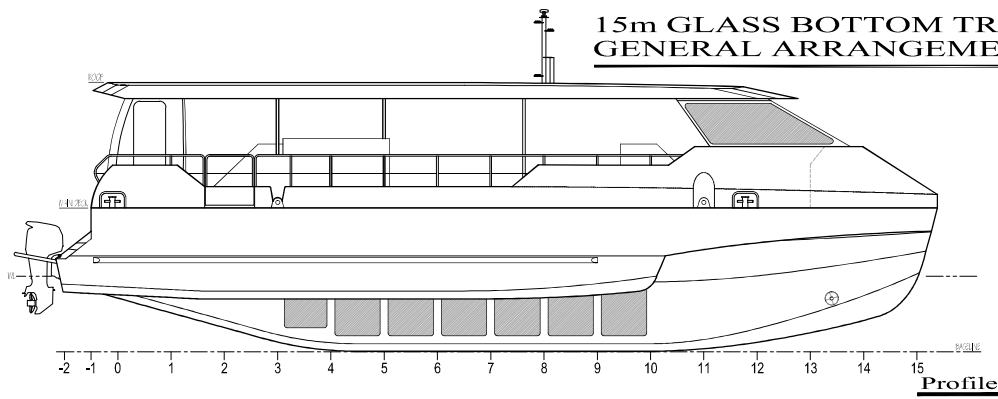
- Fuel tank – Made out of Marine grade aluminium with IRS approved certificate.
- water tank + pump
- Sewage tank pump

ALUMINUM 50-PASSENGER GLAS BOTTOM BOAT



15m GLASS BOTTOM TRIMARAN GENERAL ARRANGEMENT

12 MAY 2021



PRINCIPAL PARTICULARS (APPROX.)	
DIMENSIONS	
LENGTH - OVERALL	16.54 m (excl. outboards)
LENGTH - WATERLINE	16.12 m
BEAM - MOULDED	5.70 m
BEAM - OVERALL	5.80 m
DEPTH	2.70 m (to Main Deck)
DRAFT - SCANTLING	1.42 m
CAPACITIES	
FUEL	2 x 300 L
FRESH WATER	2 x 795 L
SULLAGE	1x 500 L
PASSENGERS	50
CREW	4
DISPLACEMENT	
DISPLACEMENT - SCANTLING	37 tonnes
MACHINERY / PERFORMANCE	
MAIN ENGINES	2x SUZUKI OUTBOARD, each 140 hp
SPEED	10 knots
CLASSIFICATION	
CLASS	INDIAN REGISTER OF SHIPPING
NOTATION	4-SUL-140-RSS-PASSENGER-140 (REFER MIDSHIP)