



SADHAV

Dream It. Do It.

SADHAV ANUSHA



60 Passengers, Business Class Seats, 25 knots service speed,
Dynamic Positioning Class 1, Motion Compensated Gangway

VESSEL OVERVIEW

Vessel Type:..... Aluminium HSC Passenger Boat
Built By:Penguin Shipyard, Singapore
Delivery:Dec 2021
Classification: Indian Register of Shipping
Codes, Guidelines: HSC Passenger Code 2000
GT:.....332 T
NT: 99 T
DWT: 77.98 T

CARGO DECK

Clear Deck Area: 30 sqm
Deck Strength:2.5 MT/sqm
Deck Dimensions:18.6m x 6.0m
Cargo Railing Height:1.0 m

MAIN MACHINERY

No. of Main Engines.....3 no.s
Make/Type: Caterpillar C32 ACERT IMO Tier2
Total BHP: 3 x 1450 BHP @2300 rpm
Propellers:3 x FPP, Ni-Al-Bronze
Bow Thruster: 1 unit Electric-driven @ 95 ekW

PERFORMANCE

Maximum Speed: 29 knots @ 100% MCR
Maximum Fuel Consumption: 878 L/hr
Economical Speed: 27 knots @ 85% MCR
Economical Fuel Consumption: 729 L/hr

HULL PARTICULARS

Length Overall:42.00 m
Breadth Moulded:8.00 m
Depth Moulded: 3.98 m
Moulded Draft: 1.75m

SAFTY EQUIPMENT

Life Rafts:5X 25, 2X25-man as per SOLAS
Life Jacket:104 on board as per SOLAS
Life Buoys:8 on board
Scrambling Nets:2 units
Other Equipment: Pyrotechnics, line throwing app
Rescue Zone:Port and Starboard

TANK CAPACITIES

Fuel Oil:..... 39.9m3
Bunker Flowmeter:Fitted
EFMS: Fitted
Fresh Water:20.0 m3
Sewage Treatment Plant: Fitted for 15 pax
Grey water:747 L
Lube Oil:800 L
Gear Oil: 450 L
Hydraulic Oil: 450 L
Fuel Oil Sludge: 600 L
Oily Water Separator: Fitted

STATION KEEPING & PERSONNEL TRANSFER

DP -1:Praxis DP
Stabiliser: JIWU Gyro Stabiliser Motion
Compensated Gangway:.....12m Undertun

NAV AIDS

VHF, MF/HF:Sailor
SSB Radio: Icom IC-M710
Marine Radar:..... Simrad R3016 + 4G/NSS12EV03
Autopilot:..... Simr ad AP70
Satellite Compass:Simrad HS80A
Magnetic Compass:Riviera 6"
Navtex: JMC NT1800
Public Address / Intercom System: Vingtor CTB-10
EPIRB: JORTON TRON 60
SART: Mc Murdo 2nos
Speed Log:SAL S043

EMERGENCY RESPONSE FEATURES

1 x external FiFi monitor with @1200 cbm per hour
Aerosol fire extinguishing system
SOLAS rescue boat with davit

PASSENGER SEATING

Passenger Seats: Business Class, 60 pax
Seating Arrangement:2-2-2 -2(seats per row)
Seat Pitch:1050 mm
Passenger Toilets: 3 cubicles with showers
Passenger Shower: 1 cubicle
Entertainment System:.....2 x LCD TV screens
Fully Equipped Pantry for Passengers: Fitted
Luggage Rack:Fitted