



# HALANI



## HALANI 4

**Type:**  
AHT / Supply Vessel

**Class:**  
IRS

**Flag:**  
Indian

This high performance tug / supply vessel is ideally suited for intensive multi - jacket inspection, maintenance and repair campaigns. Halani 4 offers a 300 m<sup>2</sup> flat upper deck and bollard pull 45T

- Length 53.06m x breadth 12.0m x depth 5.0m
- Bollard pull 45 T
- Deck area 300 m<sup>2</sup>
- Bow thruster 1 X 470 bhp
- Accommodation for 26 persons



## General

Year Built	October 1983
Builder	Maroil Shipbuilders & Engineers Pte. Ltd., Singapore
Classification	IRS SUL "TUG/SUPPLY VESSEL" IY`
Call Sign	VWBV
Official No.	1994
IMO Number	8304933
Port of Registry	Mumbai
Flag	Indian

## Dimensions

Length Overall	56.4 m
Breadth, moulded	12.0 m
Depth, moulded	5.0 m
Draft, summer	4.416 m
GT/NT	867 / 260
DWT at assigned draft	1050 Tons

## Machinery

Main Engines	2 x Wartsila 12V22 Diesel Engines each 2400 BHP, Total 4800 BHP
Propellers	2 x Nakashima Stone Fixed Pitch Propellers dia 2.5 m.
Rudders	2 x Spade Rudders
Steering Gear	2 x Wagner Electro Hydraulic Steering Gear System
Bow Thruster	1 x Ulstein 90 TV CP Tunnel Thruster, 470 BHP Diesel Engine Driven.
Generators	3 x 150 kW Diesel Generators
Emergency Generator	1 x 3 kW

## Capacities

Deck Cargo	500 tons
Clear Deck Space	30.0 m x 10.0 m, Total 300 m <sup>2</sup>
Deck Strength	5 tons/ m <sup>2</sup> (7.5 tons/ m <sup>2</sup> in way of Stern Roller)
Fuel Oil	280 m <sup>3</sup>
Drill / Ballast Water	330 m <sup>3</sup>
Potable Water	213 m <sup>3</sup>
Dry Bulk	4 Tanks ,- Total Capacity 113 m <sup>3</sup>

## Anchor Handling & Towing

AHT Winch	Smatco 66-DAW-200 Double Drum Waterfall Winch
Line Pull	110 Tons on 1st layer
Brake Capacity	150 tons
Drum Capacity	1000 m x 56 mm wire each
Control	Wheelhouse & Local
Tugger Winches	2 x 7 Tons @ 12 m/min
Stern Roller	3.60 m 1.20 m dia

## Pumping

Fuel Oil	90 m <sup>3</sup> /hr x 60 m head
Drill Water	90 m <sup>3</sup> /hr x 60 m head
Ballast Water	90 m <sup>3</sup> /hr x 60 m head
Potable Water	90 m <sup>3</sup> /hr x 60 m head
Bulk	2 x 14.0 m <sup>3</sup> /hr @ 2.8 bar

## Anchor & Mooring

Anchors	2 x 1140 kgs Stockless Spek Anchors
Cables	2 x 385 m chain 30 mm dia
Windlass	7 Tons @ 12.0 m/min
Electric Tugger Winch	2 x 7 Tons @ 12 m/min
Electro Hydraulic Capstan	1 x 7 Tons @ 10 m/min

## Accommodation

Officers	6 x Single berth Cabins
Crew	2 x Two Berth Cabins + 2 x Triple Berth Cabin
Charterer Cabin	1 x Four Berth Cabin + 1 x Six Berth Cabin
Total	26 Berths. Fully Air-Conditioned\

## Navigation & Communication

Radars	2 x Radars "X" Band
GPS	1 GPS
AS	1 x JRC A/S
Echo Sounder	1 x Marconi
Auto Pilot	1 x Auto Pilot
Gyro Compass	1 x Anschutz
GMDSS	1 x Skanti Inmarsat C for Area AI, A2 & A3 Operations
S.S.B.	1 x SSB
VHF/DSC	1 x Skanti
VHF	2 x Sailor
Navtex	1 x Marconi.
P.A. System, EP1RB's & SART's provided.	

## Fire Fighting & Life Saving

APPLIANCES	As per SOLAS
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## Miscellaneous

1 x SOLAS approved with 10 HP Outboard Motor;	
Launched by a single arm Davit	
Oily Water Separator	Installed according to A 3932(x)

## Fuel Consumption & Speed

At 100 % MCR	approx. 14.8 tons/day @ 12.3 knots
At 85 % MCR	approx. 13.0 tons/day @ 11.5 knots
At Economical Speed	approx. 9.0 tons/day @ 10 knots
Type of Fuel	HF HSD (Marine Gas Oil)