



AHT "Scapino" - Ocean going 36.6 m AH Tug Fi-Fi 1

The vessel is suitable for operation in Unrestricted Service for Pushing, Towing, Anchor Handling, External Fire Fighting and Antipollution

Main Particulars: Length Overall 36.60 m Length BP 30.00 m Beam 11.20 m Depth 5.50 m Light Draft 3.40 m Loaded Draft 4.50 m Summer Freeboard 1.00 m		Documentation: Class ABS-A1 Towing vessel, Fi-Fi1, Oil Recovery, AMS, ACCU, Unrestr. Navigation Flag Italian Port of Register Napoli, International Register n. 338 Radio Call Sign IFQS2 IMO No. 9237577 Builder ABG Shipyard Ltd. – Yard hull no. 213 Built date Nov. 2005 Built Place Surat (India)																						
Capacities: Ballast 25.00 m3 Fuel Oil 250.00 m3 Fresh Water 50.00 m3 Rec-Oil fp <60° 92.00 m3 Rec-Oil fp >60° 44.60 m3 Lube Oil 5.00 m3 Hydraulic Oil 5.00 m3 Sewage 1.00 m3 Dirty Oil 1.00 m3 Foam 17.60 m3 Dispersant 11.60 m3		Performance: Maximum Speed (average) 13.87 knots Cruising Speed 10.00 knots Economical Speed 8.00 knots Maximum Fuel Consumption 6.60 mt/day 85% load Fuel consumption 5.00 mt/day Bollard Pull about 55.00 mt																						
		Tonnage (ITC): GT 497.00 mt NT 149.00 mt																						
Cargo Deck: Tonnage 290.00 mt Strength 5.00 T/m ² Length 13.20 m Width 11.20 m Clear Deck Area 147.80 m ²		Accommodation: <table border="1"> <thead> <tr> <th></th> <th><i>cabins</i></th> <th><i>berths</i></th> </tr> </thead> <tbody> <tr> <td>Master</td> <td>1</td> <td>1</td> </tr> <tr> <td>Chief Engineer</td> <td>1</td> <td>1</td> </tr> <tr> <td>Officers</td> <td>2</td> <td>1</td> </tr> <tr> <td>Crew</td> <td>2</td> <td>2</td> </tr> <tr> <td>Crew</td> <td>2</td> <td>3</td> </tr> <tr> <td>Other</td> <td>1</td> <td>2</td> </tr> </tbody> </table>			<i>cabins</i>	<i>berths</i>	Master	1	1	Chief Engineer	1	1	Officers	2	1	Crew	2	2	Crew	2	3	Other	1	2
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Machinery: Main Engines 2x Wartsila 9L20 Power 2x 1620 kW @ 1000 rpm Reduction Gears 2x Wartsila SCV 50 Gear Ratio 4.44 : 1 Propellers 2x CPP Diameter & RPM 2500 mm x 225 rpm Steering & Rudders Tenfjord RRM – no.2 spade type Bow Thruster HRP-100 kW – 620 mm tunnel dia. Aux. Generators Volvo Penta – TAMD103A 3x210 KVA, 3x415 V – 50 Hz		Electronics & Controls <i>Manuf. / Type</i> Depth Recorder Japan Marina Co. F-840 Engine Control Wartsila 9L20C GPS Color Plotter Japan Marina Co. NP-2082 Raders 2x Furuno FR-2115 Radio System A1+A2+A3 Area GMDSS Autopilot & Steering Anschuetz Pilotstar BST - 1950 PA & Telephone Systems Amplidan SPT 9010 Internet, E-mail & Satellite Amplidan AIS, Weather Fax Navtex–NR–30 VHF-DSC SP Radio-IC-M-302 Speed log John Lillie & Gilley 4020 EM																						
Towing & Anchor Handling <i>Manuf./Type - Capacities</i> Towing Winch Model Brattvaag TW 1200/150H Type/Line Pull 15T@10 m/min, brake holding 120 T Winch Wire Capacity 700 m, 51 mm dia. (fitted) Anch. Windlass + FWD Brattvaag-RRM Winch TW1200/150/20.5 Anchor & Chain Zhenmao 2x 780 kg stockless bower anchor, chain CC3 2x 220 m, 22 mm dia. Shark Jaw Marine Equipment-200T Towing Pins Hydraulic 200 T Tugger Winch RRM-MW-15E, 10 tons @ 12m/min Capstan RRM-CH50E, 5 tons Spare tow wire reel 700 m of 51 mm dia. (fitted)		Special Equipment: fire fighting system complying with Fi-Fi1 - n. 2 Kvaerner 2fgec280 pumps 2x1350m ³ /h@150 m head - n. 2 remote controlled fire monitors 1200m ³ /h each @ 120 m head - self drenching system Watermaker Tecnicomar MD1000 – 3T/day Deck Crane Palfinger PK32080 MBS-3.5T@10.2 outreach Survival Craft Viking 20 DK (2x20 pers.) Rescue Boat Viking SV400 (1x9 pers.) Oil Dispersant System Kashiwa – meter pump + SS 2 lateral dispers. Arm Oily Water Separator IMO 60(33) 1m ³ /h – 15ppm Electric FW Transfer Pump 40 m ³ /h @ 60 m head Hyd. Portable F.O. Transfer Pump 40 m ³ /h @ 60 m head Searchlights n. 2 remote controlled 1000 kW each capacity Pushing bow fitted																						

