



AHT ALMISAN

Year	2011
Flag	Italian
Builder	Rosetti Marino SpA - Ravenna - Italy
Class society	RINA
Class notation	RINA C+; +AUT UMS; +AUT PORT; OIL RECOVERY SHIP F.P.> 60; SALVAGE TUG; FIRE-FIGHTING SHIP-2; DP2; INWATERSURVEY; UNRESTRICTED NAVIGATION
IMO number	9553581

GENERAL INFO

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MAIN PARTICULARS

Length OA	52,34	mt
DWT	1.264	T
Breadth moulded	15,00	mt
Depth moulded	7,00	mt
Gross tonnage	1659	T
Net tonnage	497	T
Maximum draft	6,40	mt

CARGO CAPACITIES

Working Clear Deck - space	225	
Working Clear Deck - length x breadth	18,00mt x 12,50	
Fuel Oil	600	cbm
Fresh Water	multipurpose - 458	cbm
Drill Water	multipurpose - 198	cbm

MACHINERY/PROPULSION

Bollard pull continuous	142,5	
Bollard pull max	149,2	T
Main Engines	2 x Wartsila 8L32 - 4000kW each @ 750 rpm	
Total power (BHP)	10.728	
Bow thruster(s) (number and BHP)	2 x Schottel transverse 600kW	
Diesel generator	2 x Volvo Penta/Marelli 250 kW - 450 V - 60 HZ	
Emergency generator	1 x Volvo Penta/Marelli 120 kW - 450 V - 60 HZ	
Fuel type - (MGO / IFO / HFO)	MGO	

ANCHOR HANDLING CAPACITIES

Winch Type - Double/Triple Drum	MEP Waterfall double drums SL 250 W/2T	
Winch - Pull Rating	250	T
Winch - Brake Rating	350	T
Towing Drum wire capacity	1.200mt x 70mm dia.	
Work wire A/H - length / diameter	400mt x 70mm dia.	
Tow wire - length / diameter	1.200mt x 70mm dia.	
Tugger Winch (number / capacity / rating)	2 x 10	

Capstan	5	T
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DECK EQUIPMENT

Chain lockers	115	cbm
Stern Roller	3,00 x 2,00 SWL 300T	
Towing Pins (type and number)	2 remote controlled karm 250	
Crane	Electro-hydraulic SWL 3,9/2,35 T at 8/12,35 mt	

CARGO DISCHARGE CAPACITY

Fuel Oil	2 x 35cbm/hr @ 50mt head	
Fresh Water	1 x 100cbm/hr @ 60mt head	
Drill Water	1 x 100cbm/hr @ 60mt head	

SPEED/CONSUMPTION

Max Speed/Consumption	14,2 knots @ 28 M/T	
Economical Speed/Consumption	9 knots @ 7 M/T	
Port Consumption	0,5 T/day	

ACCOMODATION

Total number of beds	23	
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FI-FI

FiFi	FiFi2	
Number of monitors	4 x 1800cbm/hr each @ 12.50bar; 150mt lenght; 70mt height	
Number of pumps	2 x 3600cbm/hr each	

ANTI POLLUTION EQUIPMENT

Dispersant	28,5	cbm
Spray booms	yes	
Oil Recovery capacity	not dedicated - 210	cbm

RESCUE EQUIPMENT

Rescue Boat	Hatecke RB 400 - 6 persons	
Inflatable life rafts	4	
Life jackets	29 adults + 2 children	

NAVIGATION AND COMMUNICATION EQUIPMENT

DP	Class2	
DP type	Kongsberg DP2	
Radar (number and type)	1x10 cm ARPA T.M RADAR - 1x3 cm ARPA T.M. RADAR	
Inmarsat	2x JRC JUE85 + 1 x JRC JUE500	
VHF	2 VHF WITH DSC AND MULTIWATCH - 1 VHF 55 Channel Dual Watch.	
DGPS/GPS	1 DGPS SAT NAV	
Echo sounder	1 Echo Sounder	
Speed log	Doppler Speed Log	

Radio Telex	1 Navtex Receiver
Gyroscopic compass	
2 Gyrocompass interchangeable	