



MAGELLAN 1

8200 BHP / 107 T BP / AHT

PRINCIPAL PARTICULARS

Year Built	2011
Place Built	PT Loh and Loh Yard, Batam, Indonesia
Design	-
Flag	Panama
Length Overall	52.00 m
Length BP	48.80 m
Breadth Moulded	15.00 m
Depth Moulded	6.50 m
Draft (max)	5.70 m
Freeboard (SLL)	0.81 m
Class	BV
Notation	I x Hull x Mach, Tug; Fire Fighting Ship 1 - Water Spraying; Special Services - Anchor Handling, Unrestricted navigation
GRT/ NRT	1496.00 T / 449.00 T
Deadweight	1030 T
Bollard Pull	107.3 T

DECK PARTICULARS

Clear Deck Area	240.00 m ²
Deck Carrying Load	1025.8 T
Deck Strength	5.00 T/m ²

PERFORMANCE

Maximum Speed	13 Knots @ 28 MT /24 hrs
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PROPULSION SYSTEM

Main Engines	2 x General Electric 16V228, 4100 BHP, 3057 kW @ 1050 RPM, Total 8200 BHP
Auxiliary Engines	3 x Cummins KTA19, 380 kW @ 1500 RPM
Emergency Generator	1 x Stamford HC.M434D2, 175kW @ 1500 RPM
Bow Thruster	1 x Kamome CPP Electric Driven, 66.70 kN
Stern Thruster	1 x Kamome CPP Electric Driven, 49kN
Propellers	2 x Kamome CPP in Fixed Nozzles
Steering Gear System	2 x Electro-Hydraulic
Rudder	2 x Heel Pintle

TANK CAPACITIES

Fuel Oil	961.00 m ³
Fresh Water	261.00 m ³
Drill Water	122.00 m ³
Bilge	5.50 m ³
Ballast Water	128.40 m ³



CARGO DISCHARGE CAPACITIES

Fuel Oil Pump	100 m ³ /hr
Fresh Water Pump	100 m ³ /hr
Drill Water Pump	100 m ³ /hr
Bilge Pump	70 m ³ /hr

DECK EQUIPMENT

Anchors & Chain	2 x Stockless Anchor 1920 kg, 220 m x 34 mm U2 Stud Link Chains
Tugger Winch	2 x Electro-Hydraulic 10 T @ 5 m/min
Capstan	2 x Electro-Hydraulic 5 T @ 5 m/min
Anchor Windlass c/w Bow	Macgregor Plimsoll, Electro-Hydraulic w/ Double Gypsies, Single Mooring Drum, Double Warping Ends of 400 mm dia
Crane	SWL 5 T @ 15 m Radius (max SWL)

ANCHOR HANDLING & TOWING EQUIPMENT

Anchor Handling/ Towing Winch	Electro-Hydraulic Double Drum Waterfall Type
AH/Towing Drum Capacity	1000 m L x 72 mm Dia SWP
Spare Reel Drum Capacity	10 T x 20 m/min (1st Layer)
Line Pull @ First Layer	250 T @ 6 m/min
Brake Holding	400 T @ 1st Layer
Towing Pin	1 x SWL 300 T
Shark Jaw	1 x SWL 350 T
Stern Roller	SWL 400 T, 1500 mm Dia x 6000 mm W

ACCOMMODATION

Berths	6 x 1, 10 x 2 Berths
Total Pax	26

EXTERNAL FIRE-FIGHTING EQUIPMENT

Fi-Fi Notation	Fully Compliant with BV Requirements
Fi-Fi Monitors	2 x Fi-Fi Monitor, 1650 m ³ /hr, 140 m Throw Length
Fi-Fi Pump	2 x Fi-Fi Pumps, 1650 m ³ /hr

LIFE-SAVING EQUIPMENT

Life Rafts	2 x 10, 2 x 20 Men, SOLAS Compliant
Rescue Boat c/w Davit	1 x 6 Men, 20 HP of Outboard Eng, 20 L Fuel, SOLAS Compliant

Particulars are believed to be correct but not guaranteed. Owners reserve the rights to amend the specifications without notifications. Particulars are entirely without warranty as to correctness and interested parties must inspect vessel's certificates, drawings or physical inspection of vessel.

