



MAGELLAN 2

8200 BHP / 101 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)	0.80 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	101 T

DECK PARTICULARS

Clear Deck Area	240.00 m ²
Deck Carrying Load	1030 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 KT19, 410 kW @ 1500 RPM
Emergency Generator	1 x Cummins, 254Kw-415,3PH, 50 Hz
Bow Thruster	1 x Kamome CPP Electric Driven, 66.70 kN
Stern Thruster	1 x Kamome CPP Elec 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	376.00 m ³
Fresh Water	261.00 m ³
Drill Water	122.00 m ³
Bilge	5.60 m ³
Ballast Water	128.00 m ³



CARGO DISCHARGE

Fuel Oil Pump	100 m ³ /h
Fresh Water Pump	100 m ³ /h
Drill Water Pump	75 m ³ /hr
Bilge Pump	10 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 60 mm Dia SWP
Spare Reel Drum Capacity	1000 m L x 60 mm Dia SWP
Line Pull @ First Layer	250 T @ 6 m/min
Brake Holding	400 T @ 1st Layer
Towing Pin	SWL 300 T
Shark Jaw	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

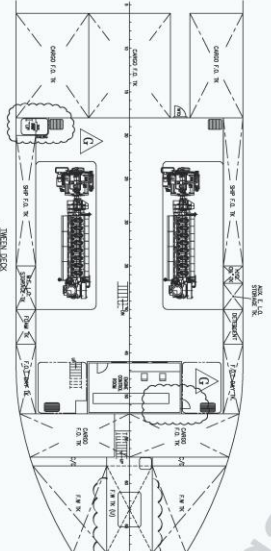
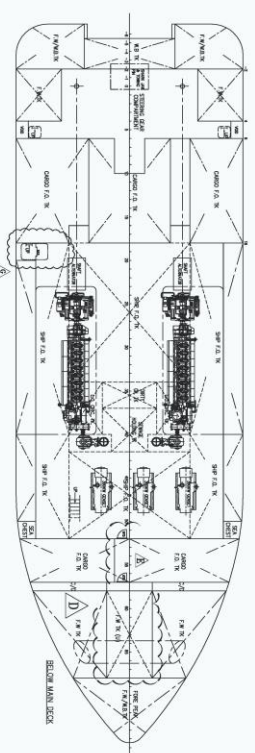
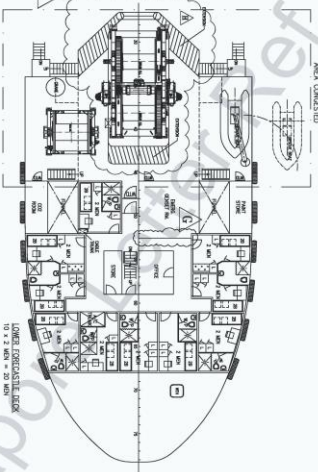
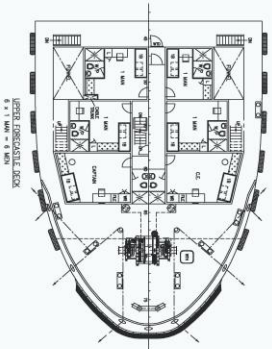
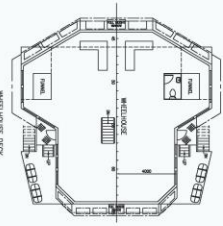
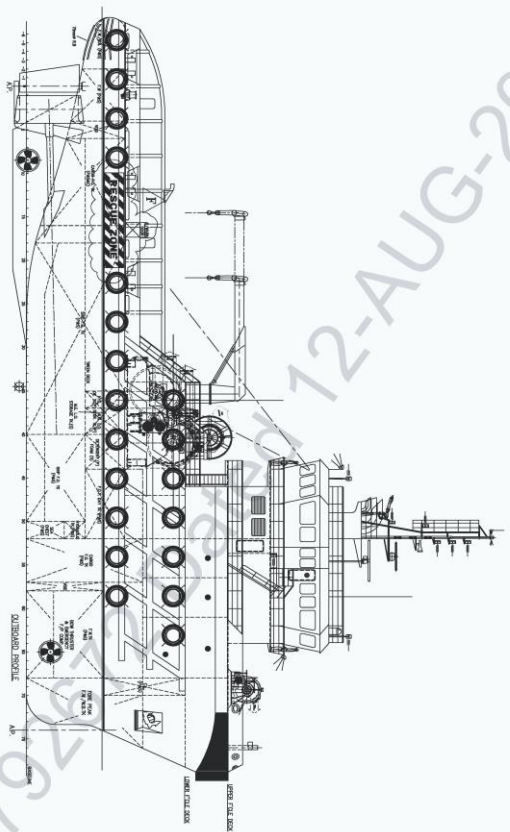
EXTERNAL FIRE-FIGHTING EQUIPMENT

Fi-Fi Notation	Fully Compliant with BV Requirements
Fi-Fi Monitors	2 x Fi-Fi Monitor, 1200 m ³ /hr, 120 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

12-AUG-2017



PRINCIPAL PARTICULARS
 LENGTH O/A _____ 52.00m
 LENGTH B-P _____ 44.40m
 BEAM W/L _____ 48.80m
 DEPTH W/L _____ 15.00m
 DRAFT MLD _____ 6.50m
 DRAFT MAX _____ 5.70m
 COMPLEMENT _____ 26 MEN

11.1.11	HOB LOWER TOWERS DECK & HELICOPTER TOWER WHICH ARE SHIFTS ETC. SHIFTS FROM WALL TO FORWARD	H	05
11.1.12	HOB HOB FROM LOWER TOWERS DECK TO A/C DECK	H	05
11.1.13	ALOY ROOM TO A/C DECK	H	05
11.1.14	ALOY ROOM TO A/C DECK	H	05
11.1.15	ALOY ROOM TO A/C DECK	H	05
11.1.16	ALOY ROOM TO A/C DECK	H	05
11.1.17	ALOY ROOM TO A/C DECK	H	05
11.1.18	ALOY ROOM TO A/C DECK	H	05
11.1.19	ALOY ROOM TO A/C DECK	H	05
11.1.20	ALOY ROOM TO A/C DECK	H	05
11.1.21	ALOY ROOM TO A/C DECK	H	05
11.1.22	ALOY ROOM TO A/C DECK	H	05
11.1.23	ALOY ROOM TO A/C DECK	H	05
11.1.24	ALOY ROOM TO A/C DECK	H	05
11.1.25	ALOY ROOM TO A/C DECK	H	05
11.1.26	ALOY ROOM TO A/C DECK	H	05
11.1.27	ALOY ROOM TO A/C DECK	H	05
11.1.28	ALOY ROOM TO A/C DECK	H	05
11.1.29	ALOY ROOM TO A/C DECK	H	05
11.1.30	ALOY ROOM TO A/C DECK	H	05

REVIEWED
 Date of issue of drawings
 are as indicated in the
 ABS CERT
ABS
 FLAG : SINGAPORE
 HULL : MSE 105