

# 5500Bhp 59m Anchor Handling/Supply Vessel MAGNANIMOUS



## GENERAL

Dimension L x B x D	: 59.2m x 13.8m x 5.5m
Draft	: 4.75m
GRT/NRT	: 1075/352
GWT	: 1396.74mt
IMO No	: 9298088
Owner	: Ocean Solution Maritime Management Sdn bhd
Manager	: Y&Y Maritime Management & Consultancy Sdn Bhd
Port of Registry/Flag	: Ulaan Bataar /Mongolia
Year Built	: 2003
Builder	: Muhibbah Marine Eng. S/B
Classification	: Bureau Veritas I + HULL + MACH Supply vessel ; Fire fighting ship 1 ; Special service / Anchor Handling Unrestricted navigation

## CARGO CAPACITY

Fuel Oil	: Approx. 470m <sup>3</sup>
Potable Water	: Approx. 203m <sup>3</sup>
Drill Water	: Approx. 203m <sup>3</sup>
Base Oil	: Approx. 160 m <sup>3</sup>
Liquid Mud	: Approx. 160m <sup>3</sup>
Dry Bulk (4Nos.)	: Approx. 136 m <sup>3</sup>
Deck Cargo	: 500 tonnes
Deck Strength	: 5 tonnes/m <sup>2</sup>
Clear Deck Space	: 330m <sup>2</sup>

## REFRIGERATED STORAGE

Freezer/Cold Room	: Approx.11.03 m <sup>3</sup>
Chiller/Cooled Room	: Approx.16.5 m <sup>3</sup>

## ACCOMMODATION (Fully Air-Conditioned)

Crew	: 16 men
Passenger	: 12 men

## NAVIGATION & COMMUNICATION

Doppler Speed Log	: 1 x FURUNO
Radar	: 2 x Furuno FR-2115/1505
Gyro Repeater	: 1 x Yokogawa
Navtex Receiver	: 1 x FURUNO NX-500
EPIRB	: MCMURDO E3
Autopilot	: 1 x YOKOGAWA
GPS Navigator	: 1 x FURUNO GP-31
Echo Sounder	: 1 x FURUNO FE-606
Walkie Talkie	: 3 unit
AIS/SSAS	: 1 unit each
VHF Transceiver	: 2 x FURUNO FS-1503

## MAIN MACHINERY & PROPULSION

Main Engine	: 2 x 2750BHP, DEUTZ
Auxiliary Engine	: 3 x CAT 3406 215Kw
Emergency A/E	: 1 x CAT 3304, 50 kw.
Propulsion	: 2 x BERG CPP.
Bow Thruster	: 1 x 6.5T (azimuth thruster)

## ANCHOR & CRANES

Anchor	: 2 x 1440Kg
Chain	: 2 x 15Lengths x 36mm dia
Deck Crane	:HLRM 35/2S x 3T

## CARGO PUMP CAPACITY

Fuel Oil	: Approx. 100m <sup>3</sup> /hr @ 60m head
Potable Water	: Approx. 80m <sup>3</sup> /hr @ 60m head
Drill Water	: Approx. 100m <sup>3</sup> /hr @ 60m head
Liquid Mud	: Approx. 95.4m <sup>3</sup> /hr @ 22m head
Base Oil	: Approx. 100 m <sup>3</sup> /hr @60 m TH.
Ballast	: Approx. 100 m <sup>3</sup> /h @ 2925 RPM.
Dry Bulk Compressor	: 2 x airman package screw compressor..

## FIRE FIGHTING (FIFI 1) & ANTI-POLLUTION

Pump	: 2 x Harmworthy 1500m <sup>3</sup> /hr
Monitor	: 2 Units
Sprinkler System	: Double section,one stage,aux; split.
Oil Dispersant Boom	: Teco/D160 MP/415/3/50.
Oil Dispersant Tank	: 13 m <sup>3</sup>

## BOLLARD PULL

Approx 76 tons

## SPEED

Maximum Speed	: 12 knots @ 100% MCR
Economical Speed	: 10 knots @ 85% MCR

## ENDURANCE

25 days

## ANCHOR HANDLING EQUIPMENT

Winch	: 1 x Anchor and Towing Winch - Zicom
Line Pull	: 150T
Brake	: 180T
Drum Wire Cap.	: 1000m x 52mm wire
Spare reel	: 1 unit
Tugger Winch	: 2 x 10T@15m/min Zicom
Shark Jaw	: 1 Schematic Hydraulic SWL 300T
Guide Pin	: 1 Schematic Hydraulic SWL 180T
Capstan	: 2 x 5T @ 0-15m/min ZICOM
Stern Roller	: 1.45mØ x 3.5m 150 tonnes SWL

