



MICLYN GRACE

57M / 3200BHP/ Geomatic/Survey Vessel

PRINCIPAL PARTICULARS

Year Built	2009
Place Built	Chuan Dong Shipyard, China
Design	Conan Wu
Flag	Panama
Length Overall	57.00 m
Length BP	53.38 m
Breadth Moulded	13.80 m
Depth Moulded	5.50 m
Draft (max)	4.50 m
Freeboard (SLL)	1.01 m
Class	BV
Notation	1 x Hull x Mach; Special Service - Multi-Purpose Vessel, Unrestricted Navigation
GRT/ NRT	1504.00 T / 451.00 T
Deadweight	1394.33 T
Moon Pool	3 m x 3 m

DECK PARTICULARS

Clear Deck Area	214.00 m ²
Deck Carrying Load	500.00 T
Deck Strength	5.00 T/m ²

PERFORMANCE

Maximum Speed	13 Knots @ 12.3 T/ 24 hrs
Economic Speed	11 Knots @ 10.56 T/24 hrs

PROPULSION SYSTEM

Main Engines	2 x Cummins KTA50M2, 1600 BHP, 1195 kW @ 1500 RPM, Total 3200 BHP
Auxiliary Engines	3 x Cummins KTA19DM, 300 kW @ 1500 RPM
Emergency Generator	1 x Cummins 68T5.9, 75 kW @ 1500 RPM
Air Compressor	2 x JP Sauer & Sonh WP22L-100, 21 m ³ @ 30 bar
Bow Thruster	Kawasaki KT-43B1, 5 T Thrust
Propellers	2 x Fixed Pitch Propellers
Steering Gear System	2 x Wagner/Nufoss Twin LA2 6.3-35-CB1
Rudder	2 x Balanced Type

TANK CAPACITIES

Fuel Oil	761.00 m ³
Fresh Water	194.00 m ³
Bilge	9.60 m ³
Ballast Water	194.00 m ³



CARGO DISCHARGE CAPACITIES

Fuel Oil Pump	150 m ³ /hr @ 75 m head
Fresh Water Pump	120 m ³ /hr @ 60 m head
Bilge Pump	60 m ³ /hr @ 60 m head

DECK EQUIPMENT

Tugger Winch	Nil
Capstan	2 x Electro-Hydraulic 5 T @ 15 m/min
Crane 1	1000 m (steel wire rope) x 38 mm Dia

4 POINT MOORING PARTICULARS

Mooring Anchors (Bow)	2 x 5000 kg Flipper Delta Anchor (1000 m x 32 mm Steel Wire Rope)
Mooring Anchors (Stern)	2 x 3000 kg Flipper Delta Anchor (1500 m x 32 mm Steel Wire Rope)
Mooring Winches (Bow)	2 x Electro-Hydraulic Macgregor Plimsoll HMW/SD-30/60-R, 30T Pull, 60T Brake Holding
Mooring Winches (Stern)	2 x Electro-Hydraulic PROMOTER aft winch for 4-pt mooring. Single drum, 35T low speed / 16 T high speed Rated pull
Tension Meters	2 at aft, 2 at Fwd

GEOTECHNICAL EQUIPMENT PARTICULARS

Derrick Tower, CPT Winch, Sampling Winch, Pipe Rack, Stand-by Genset

ACCOMMODATION

Berths	14 x 4, 1 x 2, 2 x 1 Berths
Total Pax	60

EXTERNAL FIRE-FIGHTING EQUIPMENT

Fi-Fi Notation	1/2 Fi-Fi
Fi-Fi Monitors	1200 m ³ /hr, 120 m Throw Length
Fi-Fi Pump	1200 m ³ /hr

LIFE-SAVING EQUIPMENT

Life Rafts	10 x 25 Men, SOLAS Compliant
Rescue Boat c/w Davit	1 x 6 Men, 25 HP of Outboard Engine, 20 L, 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.

