

MICLYN ENDURANCE

DP2/ 5150BHP/ ROV Support Vessel



PRINCIPAL PARTICULARS

Year Built	2006
Place Built	Jiangsu Zhenjiang Shipyard, China
Design	International Maritime Consultants
Flag	Malaysia
Length Overall	70.25 m
Length BP	65.18 m
Breadth Moulded	16.00 m
Depth Moulded	6.00 m
Draft (max)	5.10 m
Freeboard (SLL)	0.90 m
Class	BV
Notation	1 x Hull x Mach, Supply Vessel, Unrestricted Navigation, DYNAPOS AM/AT R
GRT/ NRT	2397.00 T / 719.00 T
Deadweight	2157.00 T

DECK PARTICULARS

Clear Deck Area	402.00 m ²
Deck Carrying Load	500.00 T
Deck Strength	7.50 T/m ²

PERFORMANCE

Maximum Speed	12.5 Knots @ 13 T/24hrs
Economic Speed	10.0 Knots @ 10 T/24hrs; 10.78 T/24 hrs on DP

PROPULSION SYSTEM

Main Engines	2 x Caterpillar 3516B-HD, 2575BHP 1920 kW @ 1600 RPM
Auxiliary Engines	3 x Caterpillar C18, 438 kW, 415V/3Ph/50Hz @ 1500 RPM
Emergency Generator	Caterpillar 3056, 92.5 kW, 415V/3Ph/50Hz
Shaft Generator	2 x Leroy Somer LSAM 49.1 L9, 540 kW, 415V/3Ph/50Hz
ROV Generator	2 x Cummins QSM11 230 kW, 440V/3Ph/60Hz
Air Compressor	2 x Sperre HL2/77, 25m ³ /hr (Main), Sperre HLF2/77, 12.3m ³ /hr (Emerg)
Bow Thruster	Wuhan Kawasaki KT-72B3 441 kW, 8T Thrust, Caterpillar C18 375kW, 5.9T Thrust
Stern Thruster	Wuhan Kawasaki KT-55B1, 5.9T Thrust
Propellers	2 x Berg 2650 mm CPP in Nozzles
Steering Gear System	2 x Rolls Royce SR622-FCP
Rudder	2 x Electro Hydraulic 5.6T torque each

TANK CAPACITIES

Fuel Oil	775.18 m ³
Fresh Water	648.72 m ³
Liquid Mud	241.92 m ³
Bilge	11.47 m ³
Ballast/Drill Water	413.31 m ³
Dry bulk	170.00 m ³ , 4 x 42.50 m ³ per Tank

CARGO DISCHARGE CAPACITIES

Fuel Oil Pump	100 m ³ /hr @ 60 m head
Fresh Water Pump	100 m ³ /hr @ 60 m head
Drill Water Pump	100 m ³ /hr @ 60 m head
Liquid Mud Pump	2 x 66 m ³ /hr @ 60 m head
Bilge/Ballast/Fire/GS	2 x 65 m ³ /hr @ 60 m head
Dry Bulk Compressor	1230 m ³ /hr & 5.6 bar

DP SYSTEM

DP2, Kongsberg, 2 Veripos DGPS, Sonardyne USBL, Nil, Radius, 3 Anemometers, 2 Motion Sensors, Independent Joystick

DECK EQUIPMENT

Anchors & Chain	2 x 1730 kg Anchors, 300 m of 40 mm dia U2 Steel Stud Link Chains
Tugger Winch	2 x Hydraulic, 10 T x 10 m/min, 3 T x 30 m/min
Capstan	2 x Electro Hydraulic 10 T @ 15 m/min
Anchor Windlass c/w Bow	Electro Hydraulic 10 T @ 15 m/min
Crane 1	Knuckle Boom - SWL 20T @ 6m radius, SWL 9T @ 11 m radius
Crane 2	Stores Crane - SWL 3T @ 7m radius
A Frame	Nil
Mezzanine Deck	7.00 m L x 16.00 m W, Strength 10.00 T/m ²
Moon Pool	1.80 m L x 1.50 m W
Stern Roller	1.50 m Dia x 3.50 m Length, 200.00 T SWL

ACCOMMODATION

Berths	6 x 1, 11 x 2, 8 x 4 Berths
Total Pax	60

LIFE-SAVING EQUIPMENT

Life Rafts	8 x 25 men, SOLAS Compliant
Rescue Boat c/w Davit	1 x 6 men, 20 HP Outboard, 20 L Fuel, SOLAS Compliant

