



MICLYN OPAL

40M / 3200BHP / Utility Service Vessel

PRINCIPAL PARTICULARS

Year Built	2008
Place Built	PT Miclyn Shipbuilding, Batam, Indonesia
Design	Shiptech
Flag	Panama
Length Overall	39.80 m
Length BP	38.13 m
Breadth Moulded	10.00 m
Depth Moulded	4.20 m
Draft (max)	3.50 m
Freeboard (SLL)	0.71 m
Class	BV
Notation	I x Hull x Mach Tug, Unrestricted Navigation
GRT/ NRT	498.00 T / 149.00 T
Deadweight	306.61 T
Bollard Pull	38.5 T

DECK PARTICULARS

Clear Deck Area	107.00 m ²
Deck Carrying Load	13.00 T
Deck Strength	2.45 T/m ²

PERFORMANCE

Maximum Speed	11.4 Knots @ 12.92 MT / 24 hrs
Economic Speed	10 Knots @ 8.92 MT / 24 hrs

PROPULSION SYSTEM

Main Engines	2 x Cummins KTA50M2, 1600 BHP @ 1800 RPM, Total 3200 BHP
Auxiliary Engines	3 x Cummins 6CTA 8.3, 185 kW @ 1800 RPM
Emergency Generator	1 x 80 kW - 440V, 3PH, 50 Hz
Bow Thruster	Kamome TFA-50 MA, 3 T Thrust
Propellers	2 x Fixed Pitch Propellers with Kort Nozzles
Steering Gear System	2 x Electro-Hydraulic
Rudder	2 x Fixed Units

TANK CAPACITIES

Fuel Oil	302.00 m ³
Fresh Water	128.00 m ³
Drill Water	Nil
Bilge	42.00 m ³
Ballast Water	42.00 m ³

CARGO DISCHARGE CAPACITIES

Fuel Oil Pump	40 m ³ /hr
Fresh Water Pump	40 m ³ /hr
Bilge Pump	40 m ³ /hr



DECK EQUIPMENT

Anchors & Chain	2 x Stockless Anchor 750 kg, 330 m x 20 mm (Dia) U2 Stud link Chains
Tugger Winch	Electro-Hydraulic Double Drum Waterfall Type Line Pull @ 1st Layer 50 T @ 6 m/min (1st Speed) 10 T @ 24 m/min (2nd Speed)
Capstan	1 x Electro-Hydraulic
Anchor Windlass c/w Bow	1 x Electro-Hydraulic
Crane	Nil

ANCHOR HANDLING & TOWING EQUIPMENT

Anchor Handling/ Towing Winch	Electro-Hydraulic Double Drum Waterfall Type, 50 T @ 6M/min (1st Layer)
AH Drum Capacity	1000 m (L) x 20 mm (Dia) SWL
Towing Drum Capacity	1000 m (L) x 34 mm (Dia) SWL
Spare Reel Drum Capacity	Nil
Line Pull @ First Layer	50 T @ 6 m/min (1st Speed), 10 T @ 24 m/min (2nd speed)
Brake Holding	120 T @ 1st Layer
Towing Pin	SWL 100T
Shark Jaw	SWL 200T
Stern Roller	SWL 60 T, 4 m (W) x 1m (Dia)

ACCOMMODATION

Berths	2 x 1, 4 x 2, 2 x 4 Berths
Total Pax	18

EXTERNAL FIRE-FIGHTING EQUIPMENT

Fi-Fi Notation	Water Mist System
Fi-Fi Monitors	1 x 1200 m ³ /hr, 130 m Throw Length
Fi-Fi Pump	1 x 1200 m ³ /hr

LIFE-SAVING EQUIPMENT

Life Rafts	2 x 25 Men, SOLAS Compliant
Rescue Boat c/w Davit	1 x 6 Men, 20 HP, 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.

