



## MICLYN ORION

38M / 3800BHP/ AHT

### PRINCIPAL PARTICULARS

Year Built	2007
Place Built	Weihai Machinery Plant, China
Design	-
Flag	Panama
Length Overall	38.10 m
Length BP	32.86 m
Breadth Moulded	10.60 m
Depth Moulded	4.90 m
Draft (max)	4.00 m
Freeboard (SLL)	0.80 m
Class	BV
Notation	I x Hull x Mach Tug, Unrestricted navigation
GRT/ NRT	488.00 T / 146.00 T
Deadweight	634.00 T
Bollard Pull	52.00 T

### DECK PARTICULARS

Clear Deck Area	107.00 m <sup>2</sup>
Deck Carrying Load	150.00 T
Deck Strength	5.00 T/m <sup>2</sup>

### PERFORMANCE

Maximum Speed	12 Knots @ 11.2 MT/24 Hrs
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### PROPULSION SYSTEM

Main Engines	2 x Mitsubishi S16R MPTK, 1900 BHP @ 1600 RPM, Total 3800 BHP
Auxiliary Engines	2 x Cummins NTA855-D, 240 kW @ 1500 RPM
Emergency Generator	1 x Cummins 6CT8.3-GM115, 115 kW @ 1500 RPM
Bow Thruster	200 kW Diesel Driven in CPP Tunnel
Stern Thruster	Nil
Propellers	2 x Fixed Pitch Propellers in Kort Nozzles
Steering Gear System	2 x Scandia Electro-Hydraulic
Rudder	2 x Balanced Spade Type

### TANK CAPACITIES

Fuel Oil	403.00 m <sup>3</sup>
Fresh Water	75.00 m <sup>3</sup>
Drill Water	Nil
Bilge	9.20 m <sup>3</sup>
Ballast Water	63.00 m <sup>3</sup>



### CARGO DISCHARGE CAPACITIES

Fuel Oil Pump	25 m <sup>3</sup> /hr x 60 m head
Fresh Water Pump	3 m <sup>3</sup> /hr x 41 m head
Drill Water Pump	Nil
Bilge Pump	Nil

### DECK EQUIPMENT

Anchors & Chain	2 x 660 kg Stockless Anchor, 220 m x 26 mm U2 Steel Stud Link Chains
Tugger Winch	2 x 10 MT Pull 10 m/min
Capstan	Nil
Anchor Windlass c/w Bow	Electro-Hydraulic TH-26U2HAW 4.3 T @ 10 m/min
Crane	SWL 2 T @ 8 m Radius (max SWL)

### ANCHOR HANDLING & TOWING EQUIPMENT

Towing Winch	1 x Thor Hydraulics TH50AHTW Electro-Hydraulic Water Fall Type, 130 T
AH/Towing Drum Capacity	1000 m (L) x 48mm (Dia)
Spare Reel Drum Capacity	1000 m (L) x 48mm (Dia)
Line Pull @ First Layer	50 T @ 10 m/min (1st Layer)
Brake Holding	130 T
Towing Pin	SWL 150 T
Shark Jaw	SWL 150 T, Rope 50-75 mm
Stern Roller	SWL 150 T, 4.5 m (L) x 1.35 m (Dia)

### ACCOMMODATION

Berths	2 x 1, 2 x 2, 3 x 4
Total Pax	18

### EXTERNAL FIRE-FIGHTING EQUIPMENT

Fi-Fi Notation	Fully compliant with SOLAS requirements
Fi-Fi Monitors	2 x 1200 m <sup>3</sup> /hr, 130 m Throw length
Fi-Fi Pump	1 x Desmi 35 m <sup>3</sup> /hr, 40 m Throw length

### LIFE-SAVING EQUIPMENT

Life Rafts	2 x 20, 2 x 12 Men, SOLAS Compliant
Rescue Boat c/w Davit	Nil

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.

