



MEO
MICLYN EXPRESS OFFSHORE

Miclyn constructor 1
Accommodation & Work Barge



PRINCIPAL PARTICULARS

Year Built	2009
Place Built	PT Miclyn Shipbuilding, Indonesia
Design	Conan Wu & Associates
Flag	Panama
Length Overall	100.00 m
Length BP	100.00 m
Breadth Moulded	30.50 m
Depth Moulded	6.50 m
Draft (max)	4.50 m
Freeboard (SLL)	2.00 m
Class	BV
Notation	I, Hull, Special Service, Accommodation Barge - No Propulsion, Unrestricted Navigation
GRT/ NRT	8508.00 T / 2552.00 T
Deadweight	8857.70 T
Bollard Pull	Nil

DECK PARTICULARS

Clear Deck Area	1728.00 m ²
Deck Carrying Load	1800.00 T
Deck Strength	15.00 T/m ²

PROPULSION SYSTEM

Auxiliary Engines	4 x Cummins VTA28-D(M), 608 kW @ 1800 RPM
Emergency Generator	1 x Cummins KTA19-D(M), 335 kW @ 1800 RPM
Air Compressor	2 x Ingersoll Rand 830 CFM - 145 PSIG
FW Maker	2 X 50 T/day – Total 100 MT Per Day
Sewage Treatment Plant	Maker Holland Marine Service, Model II/140, with Zero Discharge Option
AHU	3 x AHU (Serve for Control Deck, Accommodation Deck, Boat Deck & Main Deck)

TANK CAPACITIES

Fuel Oil	1055.10 m ³
Fresh Water	1747.90 m ³
Bilge	27.80 m ³
Ballast Water	6868.80 m ³

CARGO DISCHARGE CAPACITIES

Fuel Oil Pump	45 m ³ /hr @ 45 m head
Fresh Water Pump	30 m ³ /hr @ 35 m head
Bilge Pump	5 m ³ /hr @ 30 m head

DECK EQUIPMENT

Anchors & Chain	10 x 7 T Flipper Delta, 8 Length of 38 mm Dia x1230m (6 x 36) IWRC RHRL Galvd Steel
Tugger Winch	2 x Ingersoll Rand FA7i, Capacity 7 T
Capstan	4 x Titan Electric Vertical Capstan 10 T @ 15m/min
Mooring Anchor	8 x 7 T Delta Flipper Type
Mooring Winches	4 x Double Drum Amhoist AM77EF
Brake Holding	77 T
Spooling Capacity	1230 m
Buoys	13 pcs
Crane 1	SWL 75 T @ 15 m Radius (max SWL), SWL 46.1T @ 26 m Radius (max Radius) w/ Man-Riding Capability
Crane 2	SWL 1.5 T @ 30 m Radius (max SWL), SWL 10 T @ 3.5 m Radius (max Radius)
Fairhead	8 x Universal Type

ACCOMMODATION

Berths	36 x 4, 18 x 3, 10 x 2, 10 x 4, 4 x 4, 1 x 3, 12 x 2, 7 x 1 Berths
Total Pax	308
Hospital	2 Bed
Prayer room	1
Recreation room	2
Gymnasium	2
Smoking room	2
	All room are equipped with TV

LIFE-SAVING EQUIPMENT

Life Rafts	32 x 25, 7 x 20 Men, SOLAS Compliant
Rescue Boat c/w Davit	1 x 6 Men , 25 HP, 20 L