



## M GRACE

57M / 3200BHP/ Geomatic/Survey Vessel

### PRINCIPAL PARTICULARS

Year Built	2009
Place Built	Chuan Dong Shipyard, China
Design	Conan Wu
Flag	Malaysia
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	I x Hull x Mach; Special Service - Multi-Purpose Vessel, Unrestricted Navigation
GRT/ NRT	1490.00T / 447.00T
Deadweight	1394.33 T

### DECK PARTICULARS

Clear Deck Area	50.00 m <sup>2</sup>
Deck Carrying Load	120.00 T
Deck Strength	5.00 T/m <sup>2</sup>

### PERFORMANCE

Maximum Speed	11 Knots @ 13 Cu.m/24hrs
Economic Speed	7.5 Knots @ 9.264 Cu.m/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 <sup>3</sup> @ 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	760.96 m <sup>3</sup>
Fresh Water	644.4 m <sup>3</sup>
Bilge	9.60 m <sup>3</sup>
Ballast Water	287.23 m <sup>3</sup>



### CARGO DISCHARGE CAPACITIES

Fuel Oil Pump	120 m <sup>3</sup> /hr @ 75 m head
Fresh Water Pump	80 m <sup>3</sup> /hr @ 60 m head
Bilge Pump	60 m <sup>3</sup> /hr @ 60 m head

### DECK EQUIPMENT

Tugger Winch	Nil
Capstan	2 x Electro-Hydraulic 5 T @ 15 m/min
Provision Crane	14mm Dia x 1.76 MT
Moon Pool	3 m x 3 m

### 4-POINT MOORING PARTICULARS

Moorings Anchors (Bow)	2 x 5000 kg Flipper Delta Anchor (1000 m x 32 mm Steel Wire Rope)
Moorings Anchors (Stern)	2 x 3000 kg Flipper Delta Anchor (1500 m x 32 mm Steel Wire Rope)
Moorings Winches (Bow)	2 x Electro-Hydraulic Macgregor Plimsoll HMW/SD-30/60-R, 30T Pull, 60T Brake Holding
Moorings 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 <sup>3</sup> /hr, 120 m Throw Length
Fi-Fi Pump	1200 m <sup>3</sup> /hr

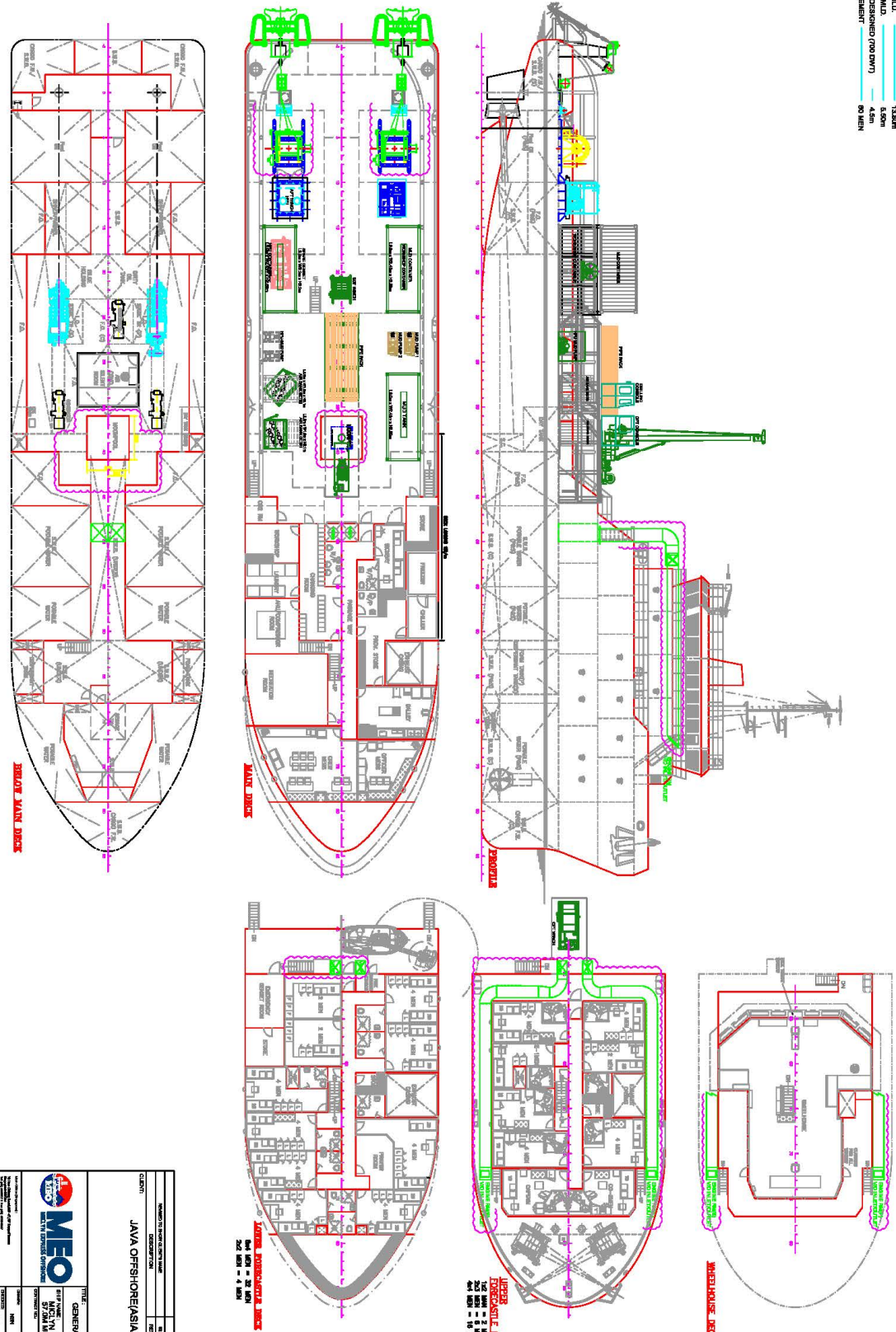
### LIFE-SAVING EQUIPMENT

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.

**MILYN GRACE**  
**PRINCIPAL PARTICULARS**

LENGTH O/A	67.00m
LENGTH B/P	52.00m
BREADTH	12.00m
DEPTH M/D	5.00m
DEPTH DESIGNED (TO DWT)	4.5m
CUMULATIVE	90 MEN



<p><b>MEO</b> MILYN EXPRESS OFFSHORE</p>		<p><b>CLIENT</b>          PT. PERTAMINA          (PT. PERTAMINA EXPLORASI GAS)</p>	
<p><b>TITLE</b>          GENERAL ARRANGEMENT</p>		<p><b>SHIP NAME</b>          MILYN GRACE</p>	
<p><b>SHIP TYPE</b>          8700 DWT PURPOSE DECK SHIP</p>		<p><b>DESIGNED BY</b>          MEO GROUP</p>	
<p><b>DATE</b>          14 SEP 2021</p>		<p><b>SCALE</b>          AS SHOWN</p>	

