



## MICLYN GRAND

57M / 3200BHP/ Multi-Purpose Vessel

### PRINCIPAL PARTICULARS

Year Built	2009
Place Built	Chuan Dong Shipyard, China
Design	Conan Wu
Flag	Panama
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)	1.00 m
Class	BV
Notation	I x Hull x Mach; Special Service - Multi-Purpose Vessel, Unrestricted Navigation
GRT/ NRT	1504.00 T / 451.00 T
Deadweight	1406.49 T
Bollard Pull	Nil

### DECK PARTICULARS

Clear Deck Area	288.30 m <sup>2</sup>
Deck Carrying Load	500.00 T
Deck Strength	5.00 T/m <sup>2</sup>

### PERFORMANCE

Maximum Speed	12 Knots @ 10 T/ 24 hrs
Economic Speed	8 Knots @ 7.5MT/ 24hrs

### PROPULSION SYSTEM

Main Engines	2 x Cummins KTA50M2, 1600 BHP, 1195 kW @ 1800 RPM, Total 3200 BHP
Auxiliary Engines	3 x Cummins KTA19DM, 300 kW @ 1500 RPM
Emergency Generator	1 x Cummins E8T5-9-D (M), 75 kW @ 1500 RPM
Air Compressor	2 x JP Sauer & John 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 Electro Hydraulic
Rudder	2 x Balanced Type

### TANK CAPACITIES

Fuel Oil	818.40 m <sup>3</sup>
Fresh Water	737.60 m <sup>3</sup>
Bilge	9.50 m <sup>3</sup>
Ballast Water	195.60 m <sup>3</sup>

### CARGO DISCHARGE CAPACITIES

Fuel Oil Pump	150 m <sup>3</sup> /hr @ 60 m head
Fresh Water Pump	120 m <sup>3</sup> /hr @ 60 m head
Bilge Pump	60 m <sup>3</sup> /hr @ 60 m head



### DECK EQUIPMENT

Anchors & Chain	2 x 4020 kg AC14 HHP, 800 m x 32 mm Steel Wire Rope
Tugger Winch	Nil
Capstan	2 x Electro-Hydraulic 5 T @ 15 m/min
Anchor Windlass c/w Bow	2 x Electro-Hydraulic Macgregor Plimsoll HMW/SD-30/60-R, 30T Pull, 60T Brake Holding
Mooring Anchor	Nil
Mooring Winches	Nil
Brake Holding	Nil
Spooling Capacity	Nil

### ACCOMMODATION

Berths	2 x 1, 3 x 2, 15 x 4 Berths
Total Pax	68

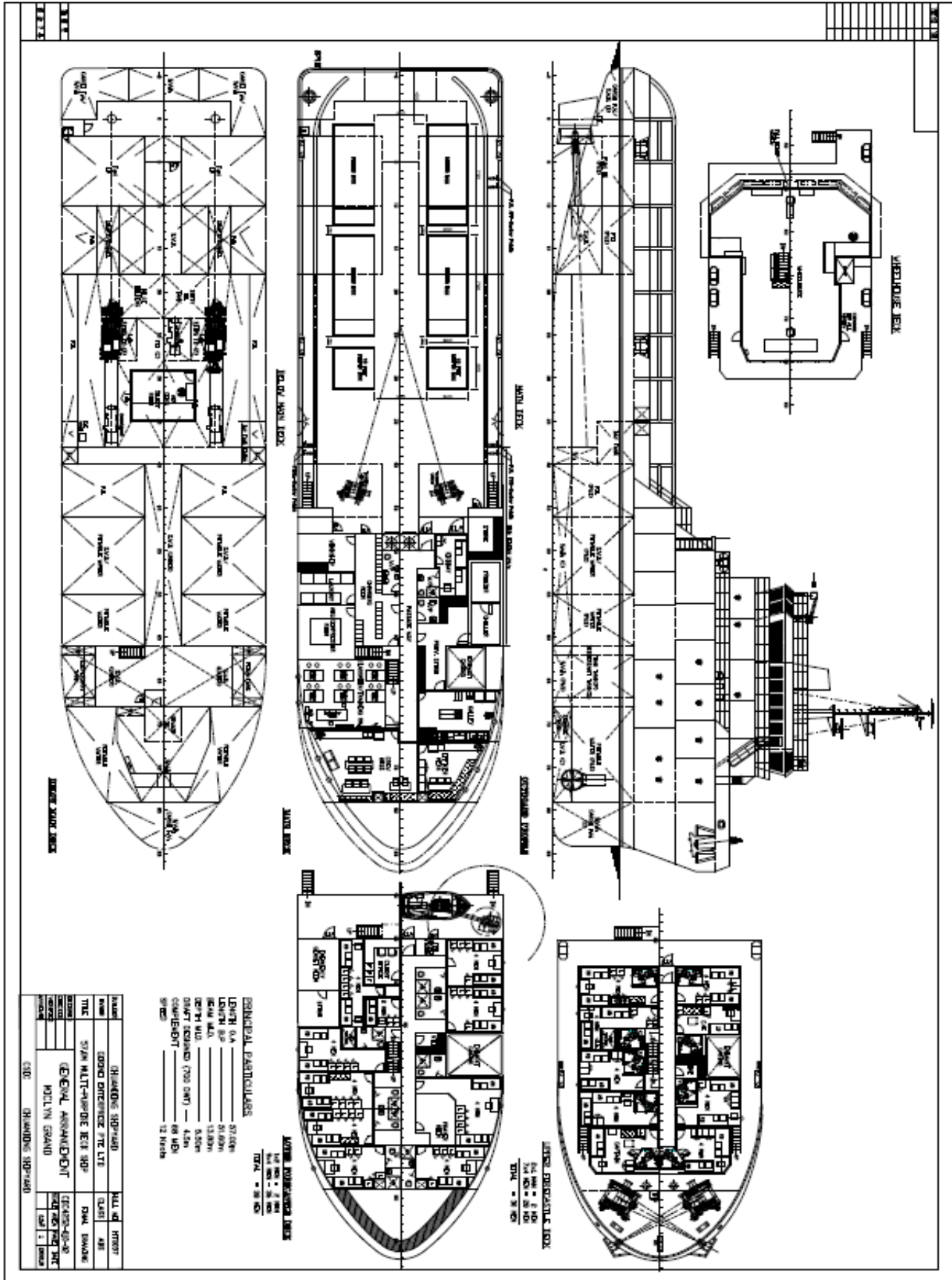
### EXTERNAL FIRE-FIGHTING EQUIPMENT

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	9 x 25 Men & 1 X 20 Men, SOLAS Compliant
Rescue Boat c/w Davit	1 x 6 Men, 25 HP of Outboard Engine, 50 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.



NAME	CLASS	TYPE
CHANDLER SUPERVISOR	CHANDLER	CHANDLER
SECOND OFFICER 7TH LITE	CHANDLER	CHANDLER
STERN MATE-ENGINE TECH SUPERVISOR	CHANDLER	CHANDLER
GENERAL ASSISTANT	CHANDLER	CHANDLER
MOLLIN GRAND	CHANDLER	CHANDLER
CHANDLER SUPERVISOR	CHANDLER	CHANDLER

GENERAL PARTICULARS	VALUES
LENGTH O/A	27.00M
LENGTH S/P	21.00M
BEAM A/D	13.00M
DEPTH A/D	0.50M
DRAUGHT DECKHEAD (700 DWT)	4.50M
COMPONENT	48 M/D
GROUP	12 MESH

GENERAL PARTICULARS	VALUES
NET TONNAGE	141.00
GROSS TONNAGE	141.00
DISPLACEMENT	141.00
GRAND TOTAL	141.00

