

Vessel Specifications



REGISTRATION/CLASSIFICATION

Owner	TOM Lekir Sdn. Bhd.
Operator	Two Offshore Marine Sdn. Bhd.
Flag/Port of Registry	Malaysia/Port Kelang
Year Built	2011
Builder	Fujian South East Shipyard, China
Classification	Bureau Veritas
Notation	A1 Towing Vessel FIFI 1 DPS-1
Call Sign/Official No.	9M2080/337027
IMO No.	9585754

PRINCIPAL DIMENSIONS

Length Overall	54.00 meters
Breadth	14.95 meters
Draft	4.95 meters
Depth	6.10 meters
GRT	1,678 T
NRT	503 T
DWT	1400 T

MACHINERY & PROPULSION

Main Propulsion Number	2
Main Propulsion Type	CAT 3516B Diesel
Total BHP	5,150
Propellers	2 x CPP in Fixed Kort Nozzles
Bow Thruster	1 x Kawasaki KT-390KW-6T thrust
Main Generators	3 x 350 KW diesel driven
Emergency Generators	1 x 65Kw diesel
Rudders	Standard

SPEED

Max Speed	Approximately 13 knots
Eco Speed	Approximately 10 knots

Cargo Capacity

Deck Space	340 m ²
Deck Cargo	500 T
Deck Strength	7.5 T/m ²

Bulk Cargo Capacity

Cargo	Storage	Discharge
Fuel Oil	540m ³	150 m ³ /hr@75 m head
Fresh Water	300m ³	100 m ³ /hr@75 m head
Drill Water	400m ³	100 m ³ /hr@75 m head
Liquid Mud		385 m ³ @ 70m ³ per hr
Dry Bulk		4 x 1650 ft ³ total 6,600 ft ³
Reefer Power Point		8 x 415V/3P/50Hz

TOWING & ANCHOR HANDLING

Bollard Pull	66.9 tons
Winch	Mentrade Waterfall Type
Line Pull	150MT
Brake Capacity	200MT
AH Wire and Towing Wire	100m and 1000m - 56mm
Anchor Handling Wire Cap.	150 m x 56 mm
Tow Drum Capacity	1000 m x 56 mm
Spare Tow Wire Capacity	1000 m x 56 mm
Stern Roller	4.4 m x 1.6 m - SWL 200 tonnes
Tow Pins	2 x Closed Top Type - 200T SWL
Shark Jaws	1 set of Karmfork - 200T SWL
Tugger Winch	2 x 10 tons @ 15m/min
Capstan	2 x 5 tons @ 15m/min
Deck Crane	1 x 3 tonnes @ 9 m

COMMUNICATIONS EQUIPMENT

HF radio	Furuno RC-1800T
VHF Radio	2 x Furuno FM-8800S
Portable VHF Radio's	3 x McMurdo R2 Handheld
Satellite Communications (Voice and Fax)	Furuno SAT C
E. P. I. R. B	McMurdo SMARTFIND E5
GMDSS Compliance	Area A3

NAVIGATION EQUIPMENT

Radar No. 1	X-Band Furuno FAR-2117
Radar No. 2	X-Band Furuno FR-1510 MARK-3
GPS	GP 150
Echo Sounder	Furuno FE 700
Navtex	NX 700
Auto Pilot	Nautopilot NP 60
Gyro Compass	Anchutz STD 22
DP System	DPS-1 Marine Tech

LIFE SAVING APPARATUS

Liferafts	Total 6, capacity 150 men
Rescue Boat	25 HP OBM, capacity 6 men

EXTERNAL FIRE FIGHTING

Capacity	FIFI 1 - 2400 m ³ /hr
Monitor	2 x 1200 m ³ /hr
Throw x Height	120 m x 50 m

ACCOMMODATION

Crew	12
Passengers	28
Total	(4 x 1-berth, 3 x 2-berth, 8 x 4-berth) 40

TWO OFFSHORE MARINE SDN. BHD. (1206217-P)

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