

VESSEL PARTICULAR



Bulk Cargo Capacity	
Cargo	Storage
Fuel Oil	1,300m3
Fresh Water	900m3
Drill Water	1,700m3
Liquid Mud	789m3
Bulk Cement	11,000 m3

TOWING & ANCHOR HANDLING	
Bollard Pull	160 tons @ 100% MCR
Winch	ZICOM HWTW Type
Line Pull	330MT
Brake Capacity	450MT
Towing Wire	1,500m x 76mm
Anchor Handling Wire Cap.	550 m x 76 mm
Tow Drum Capacity	1,500 m x 76 mm
Spare Tow Wire Capacity	1,000 m x 76 mm
Stern Roller	SWL 450 Tonnes
Tow Pins	300TSWL
Shark Jaws	1 set of Karmfork -650T SWL
Tugger Winch	2 x 10 tons @ 26m/min
Capstan	2 x 10 tons @ 26m/min
Deck Crane	5 Tonnes @ 15 m

REGISTRATION/CLASSIFICATION	
Owner	Aussie Offshore Services Incorporated
Operator	Two Offshore Marine Sdn. Bhd.
Flag/Port of Registry	Malaysia / Port Klang.
Year Built	2012
Builder	Grade One Marine, Malaysia
Classification	RINA
Notation	A1 Towing Vessel FIFI 1 DP2
Call Sign/Official No.	9M3131
IMO No.	9559042

PRINCIPAL DIMENSIONS	
Length Overall	76.00 meters
Breadth	18.50 meters
Draft	6.00 meters
Depth	8.00 meters
GRT	3,518 T
NRT	1056 T
DWT	3,199 T

MACHINERY & PROPULSION	
Main Engine	MAK Caterpillar 9M32C
Aux. Engine	Caterpillar C18
Total BHP	12,228 BHP
Propellers	2 Caterpillar MAK 9M 32C 4T, 9 Cyl, 600rpm
Bow Thruster	1 x 650kW, 10 T, Electric Motor Driven DP2 x2 1x
Stern Truster	650kW, 10 T, Electric Motor Driven DP2 x2 Fwd.2
Main Generators	Generators 2875 kVA (2300kW), 440 V, 60 Hz 2 Generators 581 kVA (465 kW), 440 V, 60 Hz
Emergency Generators	Caterpillar 4.4
Rudders	Standard

SPEED	
Max Speed	Approximately 14 knots
Eco Speed	Approximately 11 knots

CARGO CAPACITY	
Deck Space	580 m ²
Deck Cargo	800 MT
Deck Strength	7.5 MT/m ²

DYNAMIC POSITIONING	
DP Classification	DP-2
DP System	Kongsberg Maritime AS Independent C-Joystick system
Reference Systems	2 x DGPS, 1 x Fanbeam

NAVIGATION AND COMMUNICATIONS EQUIPMENT	
2 On-board portable	Entel - HT-544
1 Weather Fax Receiver	Furuno - FAX-408
2 VHF	Furuno - FM8800S
2 VHF DSC (encoder)	Furuno - FM8800S
2 VHF DSC (watch receiver)	Furuno - FM8800S Samyung -
3 Portable two-way transceivers	STV-160
1 MF/HF Radio Telephony	Furuno - FS-2570
(RTF)	Furuno - FS-2570
1 MF/HF	Furuno - FS-2570
1 MF/HF/DSC	Furuno - NX-700B
1 Navtex	Furuno - FA-150
1 AIS	Furuno - GP-150
1 GPS	Built in Inmarsat-C- Felcom-15
1 EGC	Built in Inmarsat-C- Felcom-15
1 SSAS	Furuno - Felcom-15
2 Inmarsat C	Thrane - Sailor 250
1 FBB	Built In Inmarsat-C-Felcom-15
1 LRIT	

LIFE SAVING APPARATUS	
Liferafts	According to IMO & SOLAS regulations
Rescue Boat	1 x 6 persons, c/v davit & 40 HP outboard Engine

EXTERNAL FIRE FIGHTING	
Capacity	FIFI 1 - 2400 m3/hr
Monitor	2 x 1200 m3/hr
Throw x Height	120 m x 50 m

ACCOMMODATION	
Crew	16
Passengers	30
Total	46