

'OMS Terra Nova'

A 50-metre Z-peller FPSO support vessel from Sarawak Slipways



'OMS Terra Nova'

SPECIFICATIONS

Type of vessel:	FPSO support vessel
In survey to:	ABS +A1, Towing Vessel, Offshore Support Vessel AH, (E), DP1, +AMS, +ABCU
Home port:	Darwin
Owner/operator:	Offshore Marine Services, Australia
Designer:	Conan Wu & Associates, Singapore
Builder:	Sarawak Slipways, Malaysia
Construction material:	Steel
Length overall:	50 metres
Length waterline:	46.9 metres
Beam:	13.8 metres
Draught:	4.80 metres
Depth:	6.00 metres
Tonnage:	1,179GRT, 353NRT
Main engines:	2 x Niigata 6L28HX, each 1,838kW
Propulsion:	2 x Niigata ZP-41A, each 1,838kW at 750rpm
Auxiliary engines:	2 x Cummins QSM11D(M), each 245kW at 1,500rpm
Generators:	1 x Cummins 4BT3.9G2, 50kW
Side thrusters:	1 x HRP 4000, 480kW at 1,800rpm
Maximum speed:	12 knots (lightship)
Cruising speed:	10.5 knots (full load)
Bollard pull:	66 tonnes at
Radars:	1 x FAR-2117, 1 x 1932MKII, 48nm
Depth sounder:	1 x Furuno FE-700
Radios:	2 x Furuno FM-8800S 25W
Autopilot:	Anschutz Digital Autopilot
Compasses:	1 x Anschutz gyrocompass; Cassens & Plath magnetic
Weatherfax:	Furuno NX-700B
GMDSS:	Furuno RC-1800T 250W GMDSS
GPS:	Furuno GP-150GPS
AIS:	Furuno FA-150 IMO Type
Tugger winches:	2 x Plimsoll
Towing winch:	1 x Plimsoll
Capstan/windlass:	2 x Plimsoll
Cranes:	1 x marine crane
Other equipment:	Plimsoll power pack, towing pin, shark jaw
Paints/coatings:	International
Liferafts:	4 x RFD
Rescue boat:	1 x Narwhal SV400
Deck cargo capacity:	5 tonnes/m ²
Fuel capacity:	700m ³
Crew:	28

Sarawak Slipways has recently delivered the 'OMS Terra Nova' to Australian owner Offshore Marine Services.

Home-ported in Darwin and designed by Conan Wu & Associates, the 50-metre FPSO support vessel 'OMS Terra Nova' was built by Malaysia's Sarawak Slipways.

Built under survey to the American Bureau of Shipping (ABS), the vessel has the classification: "ABS +A1, Towing Vessel, Offshore Support Vessel AH, (E), DP1, +AMS, +ABCU".

The steel vessel has an overall length of 50 metres and a waterline length of 46.9 metres, with a beam 13.8 metres, a depth of six metres and a draught 4.8 metres. She has a gross tonnage of 1,179GRT and a net tonnage of 353NRT.

'OMS Terra Nova' is powered by twin Niigata 6L28HX main engines, each rated at 1,838kW, and propelled by twin Niigata

ZP-41A Z-pellers. The vessel's auxiliary power is supplied by twin Cummins QSM11D(M), each 245kW at 1,500rpm and a single Cummins 4BT3.9G2, 50kW generator.

Vessel manoeuvrability is enhanced by a single HRP 4000 thruster, 480kW at 1,800rpm.

'OMS Terra Nova' has a maximum speed of 12 knots, a 10.5-knot cruise speed and a bollard pull of 66 tonnes at 75 percent MCR.

The vessel's suite of navigation and communication instruments includes products from Furuno and Anschutz, along with a Cassens & Plath magnetic compass.

The vessel has accommodation for 28 (plus one sickbay bed).

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