

Sarawak Slipways delivers 'OMS Terra Nova'



Sarawak Slipways of Miri, Sarawak East Malaysia, has delivered the 1,179GT FPSO support vessel 'OMS Terra Nova'.

A pair of Niigata main engines each generating 1,838kW at 750rpm power the Niigata Z-Drives on the ABS-classed dynamic positioning vessel.

A 520kW Cummins KTA19-M4 engine powers a retractable HRP azimuthing bow thruster as an essential component of the vessel's dynamic positioning system.

For electrical requirements, the 50 by 13.8-metre vessel has a pair of Cummins QSM11-powered 250kW Stamford generator sets.

Aft of the main house, a MacGregor Plimsoll double drum anchor handling winch is completely enclosed.

A closed circuit television system allows the wheelhouse to monitor action around the winch.

The boat has a designed bollard pull of 55 tonnes forward and 42 tonnes aft with the mains at 100 percent MCR.

Accommodation on the vessel is provided for up to 23 crewmembers plus an additional sick bay berth.

The 'OMS Terra Nova', registered in Port Klang, Malaysia, is the first of two being built at Sarawak Slipways.

MacGREGOR to deliver innovative stern ramp solution to Statnett

MacGREGOR has supplied a unique stern ramp solution to the 87-metre offshore/Ro-Ro vessel 'Elektron', which will operate along the Norwegian coastline for national power company Statnett.

'Elektron' will feature a unique stern ramp solution from cargo access specialist MacGREGOR. The 16m-long ramp was built in two parts and delivered with four hinged sections. It can take a load of 500 tonnes and has a maximum opening breadth of 12 metres and a clear opening height of 10 metres. Operation of the ramp in most instances is via a programmed sequence using a PLC unit.

MacGREGOR won the contract for the equipment in 2006, and was selected early in the project's planning phase because it could offer an innovative solution to meet the varied needs of the vessel's end user, Norwegian operator Statnett.

Statnett owns and runs large sections of Norway's main power grid and the Norwegian sections of power lines and subsea cables to other countries. It will use 'Elektron' to repair and change transmission systems along the Norwegian coast. There are about 60-70 of these systems along the coastline, but as only a limited number of repairs are required, the vessel is also designed to repair electric cables on the sea floor and to carry a variety of Ro-Ro cargoes.

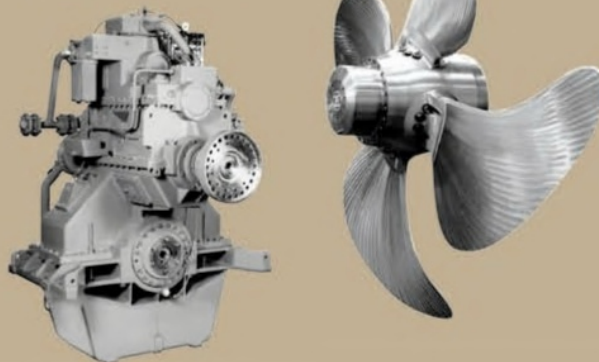
"During cable repairs, a vertically-stored stern ramp gets in the way of operations, therefore MacGREGOR designed an alternative solution," said Göran Hugon, sales manager at MacGREGOR. "We supplied a stern ramp which is fitted into a frame, enabling the owner to lower the ramp down on to the deck. This is achieved by having hydraulic cylinders that can be repositioned. Also, each of the ramp's outer sections can be operated individually to suit different quays."

'Elektron' was delivered from Norwegian shipyard Flekkefjord Slipp & Maskinfabrikk, which has long experience in building small special ships.



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