

# 'Nautika Pride'

*A 58m OSV from Sarawak Slipways for Tegas Navigation*

Delivered in late 2009, 'Nautika Pride' is a 58-metre offshore utility support vessel built by Sarawak Slipways under survey to ABS for Malaysian owner Tegas Navigation.

Designed by the then Conan Wu & Associates (now Wärtsilä Ship Design), the all steel OSV has an overall length of 58.3 metres and a length at waterline of 55.6 metres on a beam of 13.8 metres, a depth of 5.5 metres and a draught of 4.8 metres.

'Nautika Pride' is powered by twin Cummins KTA50M2 main engines, each rated at 1,193kW at 1,800rpm driving fixed pitch propellers via Twin Disc 4.96:1 reduction gears giving the vessel a maximum speed of 11.4 knots and a fully loaded speed of 10.5 knots.

Twin Caterpillar 3406C DITA engines, each rated at 245kW at 1,500rpm provide auxiliary power while a single Caterpillar GEP65-5, 52kW/65kVA engine acts as emergency generator.

The vessel is also equipped with a Cummins KTA19M3 side thruster,

rated at 373kW at 1,800rpm, and two HRP 3001 tunnel thrusters, each rated at 300kW/350kW at 1,500rpm.

The vessel's suite of navigation and communications instruments includes products from JRC, Furuno and others while the main supplier of deck machinery and towing equipment is Mentrade.

Paints and coatings were supplied by International Paint.

'Nautika Pride' is equipped with four 20-person Fujikura inflatable life-rafts and a single Narwhal SV400, 16-knot, six-person rescue boat.

She has a deck cargo capacity of five tonnes/m<sup>2</sup>, a cargo fuel oil capacity of 820m<sup>3</sup>, fuel capacity of 525m<sup>3</sup> and a crew of 40.

For further information contact:

Sarawak Slipways, Malaysia.

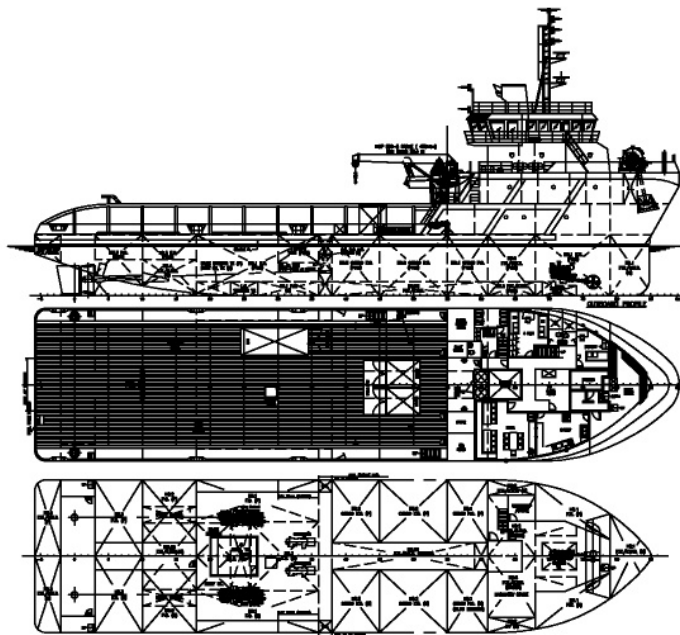
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## 'Nautika Pride'

### SPECIFICATIONS

<b>Type of vessel:</b>	OSV / Utility
<b>In survey to:</b>	American Bureau of Shipping (ABS)
<b>Home port:</b>	Kuching, Malaysia
<b>Owner/operator:</b>	Tegas Navigation, Malaysia
<b>Designer:</b>	Conan Wu & Associates, Singapore
<b>Builder:</b>	Sarawak Slipways, Malaysia
<b>Construction material:</b>	Steel
<b>Length overall:</b>	58.3 metres
<b>Length waterline:</b>	55.6 metres
<b>Length bp:</b>	52 metres
<b>Beam:</b>	13.8 metres
<b>Draught:</b>	4.8 metres
<b>Depth:</b>	5.5 metres
<b>Displacement:</b>	2,732 tonnes
<b>Tonnages:</b>	1,302GRT, 3,90NRT, 2,732DWT
<b>Main engines:</b>	2 x Cummins KTA50M2, each 1,193kW at 1,800rpm
<b>Gearboxes:</b>	2 x Twin Disc, 4.96:1 reduction
<b>Propulsion:</b>	2 x FPP
<b>Generators:</b>	2 x Caterpillar 3406C DITA, each 245kW at 1,500rpm
<b>Emergency genset:</b>	1 x Caterpillar GEP65-5, 52kW/65kVA
<b>Side thrusters:</b>	1 x Cummins KTA19M3, 373kW at 1,800rpm; 2 x HRP 3001 TT, 300kW/350kW at 1,500rpm
<b>Steering system:</b>	Wagner LA2 4.0-35-CB1
<b>Maximum speed:</b>	11.4 knots (lightship)
<b>Cruising speed:</b>	10.5 knots (full load)
<b>Radars:</b>	1 x JRC JMA-5312-6 X-band; 1 x JRC
<b>Model:</b>	1 x JMA-2344
<b>Depth sounder:</b>	JRC / JFE-380
<b>Radios:</b>	1 x Furuno RC-1800T 250W, 2 x Icom VHF M304, 1 x FS-2570 250W MF/HF
<b>GMDSS:</b>	A1-A2-A3
<b>Autopilot:</b>	Navitron PID NT991GMKII
<b>Compasses:</b>	Lilley & Gillie MK2000, FW9850 binnacle, Yokogawa CMZ-900B digital dual gyrocompass
<b>GPS:</b>	1 x Furuno GP-150
<b>AIS:</b>	Furuno FA-150
<b>Capstan/windlass:</b>	1 x Mentrade Capstan, Mentrade double gypsies
<b>Cranes:</b>	1 x HIAB knuckle crane
<b>Hydraulic power pack:</b>	Mentrade 22kW
<b>Towing hook:</b>	Mentrade disc type
<b>Thermal fluid equipment:</b>	Aalborg 4-TFO-008
<b>Alarm systems:</b>	Fitech fire alarm and detection
<b>Paints/coatings:</b>	International Paint
<b>Liferafts:</b>	4 x Fujikura 20-person inflatable
<b>Rescue boat:</b>	1 x Narwhal SV400, 16 knots, 6-person
<b>Clear deck space:</b>	380m <sup>2</sup>
<b>Deck cargo capacity:</b>	5 tonnes/m <sup>2</sup>
<b>Water ballast:</b>	280m <sup>3</sup>
<b>Cargo fuel oil:</b>	820m <sup>3</sup>
<b>Fuel capacity:</b>	525m <sup>3</sup>
<b>Freshwater capacity:</b>	122m <sup>3</sup>
<b>Crew:</b>	40