

Esnaad commissions new PSV

The first in a series of ten 70mtr platform supply vessels joined the Esnaad fleet in mid-July. The Esnaad 221, delivered by Holland's Shipyard De Hoop to the ADNOC subsidiary, is the result of close design cooperation between shipbuilder and offshore vessel operator. The vessels are custom-designed to operate at maximum efficiency and optimised costs, with minimised impact on the environment and mankind, the shipyard claims.

Construction of the vessels is being split between the shipbuilder's two facilities at Lobith and Foxhol in the Netherlands. Describing the ships as 'a next step in the De Hoop PSV evolution', the diesel electric vessels have a DNV Environmental Regulatory Number (ERN) of 99/99/99/98, which reflects a high level of redundancy in the event of a thruster or generator breakdown.

Three main generators feed the

propulsion system and other consumables are located in the foreship underneath the superstructure. The propulsion system consists of three tunnel bow thrusters and two azimuthing stern thrusters, enabling accurate station-keeping and sufficient power for a transit speed of 13.5 knots.

The hull form, with a specially designed bulbous bow, has been developed to minimise wave resistance. A range of cargo tanks provide a total of 2,050 tonnes capacity at a limited draft of 4.85mtr. Tanks for dry and liquid cargoes are available, and liquid tanks are fitted with agitators to prevent slurry from separating. In the forward hull, there are tanks for fuel oil, fresh water, sewage, sludge and



Esnaad's new PSVs - designed in close cooperation with builder Shipyard De Hoop

bilge water as well as foam and dispersant tanks for fire-fighting and oil spill rescue operations.

Meanwhile, sister company Irshad took delivery of a Damen Shoalbuster 2308 at the end of July. The Al Marfa 1, built by Damen Shipyards Hardinxveld in The Netherlands, is to be deployed on single point mooring buoy operations in Fujairah. Specially equipped with explosion-proof equipment, she is the latest in various Damen-built vessels in the Irshad fleet. The vessels are often serviced and repaired at Damen Shipyards Sharjah.



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