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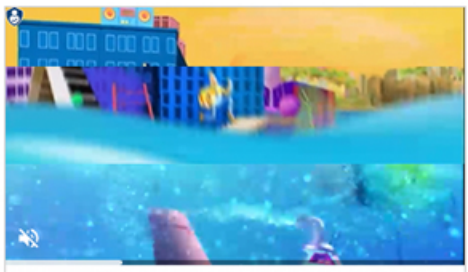
Amarinth to supply Enauta's FPSO Atlanta API 610 OH2 pumps

on: October 17, 2022 In: Oil

Lagos — Amarinth, a world-leading, net-zero designer and manufacturer of low lifecycle cost centrifugal pumps and associated equipment, primarily for the offshore and onshore oil & gas industries; nuclear and renewable energy generation; defence; desalination; process and industrial markets, has secured an order from Yinson Production of two large API 610 OH2 pumps for use aboard the FPSO Atlanta, which has been commissioned by Enauta.

*FPSO OSX-2 will be adapted by Yinson Production to become FPSO Atlanta.

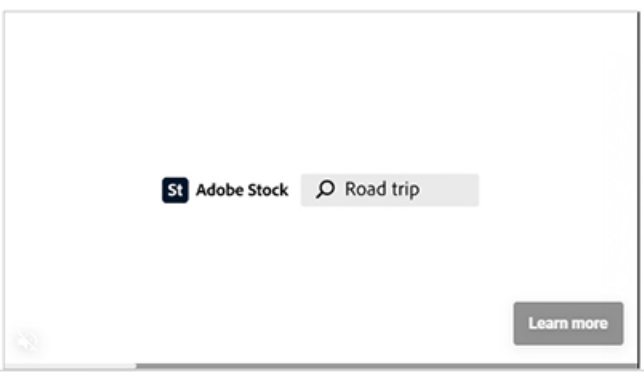
The Brazilian oil and gas company Enauta recently concluded the purchase of an FPSO for the Definitive System of its operated Atlanta field located off Brazil.



The FPSO, which will be capable of operating in ultra-deepwater depths of 1,500m, is being adapted by Malaysia's Yinson Production from the existing FPSO OSX-2 through a turnkey engineering, procurement, construction, and installation contract.

The project will be completed in Dubai Drydocks World and includes structural upgrades, refurbishment and enhancement of equipment.

The new FPSO Atlanta is scheduled to start operating in 2024 with a production capacity of 50,000 barrels/day.



Yinson has successfully used Amarinth pumps on previous FPSO builds and so was confident that Amarinth could design and manufacture the two API 610 OH2 pumps with Plan 53B Seal Support Systems on the very aggressive 36-week delivery that is required to fit with the build schedule of the FPSO.

The large crude oil transfer duplex pumps will have 570mm diameter impellers and be equipped with variable frequency drives to improve energy efficiency. All electrical items will be IECEx certified for operating in ATEX Zone 1. The pumps will also be America Bureau of Shipping (ABS) witnessed and certified in line with the FPSO being operated under ABS Class.

Oliver Brigginshaw, Managing Director of Amarinth, commented: "We are delighted that Yinson has placed a further order with Amarinth for API 610 pumps and that we are able to deliver on the short lead time required to fit the FPSO Atlanta build schedule. The required duties aboard such an ultra-deep water FPSO demonstrates the confidence that the offshore oil and gas market holds in our equipment to operate reliably in some of the harshest conditions in the world."

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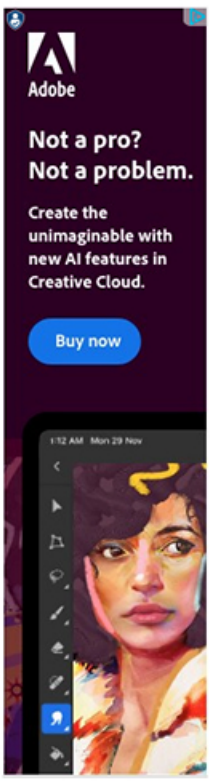

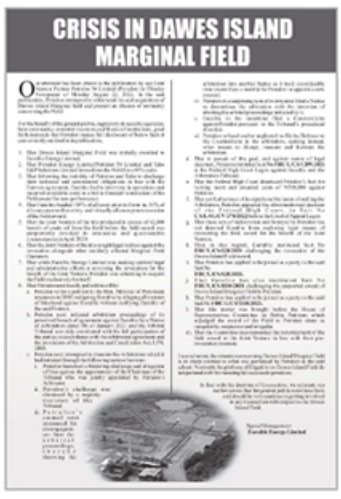

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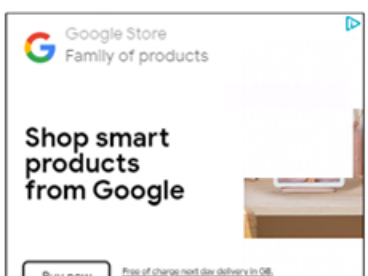
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