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Oil & Gas

Amarinth to provide API 610 OH2 pumps for Brazilian FPSO

News | 1 min read

Amarinth has secured an order from Yinson Production to provide two large API 610 OH2 pumps for the FPSO Atlanta, which has been commissioned by Brazilian oil and gas company Enauta.

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The FPSO OSX-2 that is being adapted by Yinson Production to become FPSO Atlanta. - Image courtesy of Amarith.

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.

Enauta recently purchased an FPSO (floating production storage and offloading) vessel 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 1500m, 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 was confident that Amarith could design and manufacture the two API 610 OH2 pumps with Plan 53B Seal Support Systems on the 36-week delivery that is required to fit with the FPSO build schedule.

Oliver Briggingshaw, managing director of Amarith, said: "We are delighted that Yinson has placed a further order with Amarith 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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