



FOR IMMEDIATE RELEASE – 30 November 2023

**Amarinth delivers two large API 610 OH2 pumps to Yinson
Production for Enauta's FPSO Atlanta**

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 delivered two large API 610 OH2 pumps to Yinson Production for use aboard the FPSO Atlanta, which has been commissioned by Enauta.

Brazilian oil and gas leader, Enauta, contracted Malaysia's Yinson Production for a new FPSO for its Atlanta field situated off the coast of Brazil. The FPSO, designed to operate in ultra-deepwater depths of 1,500m, is currently being adapted Yinson Production from an existing vessel, FPSO OSX-2, through a comprehensive turnkey engineering, procurement, construction, and installation contract. The work is taking place at Dubai Drydocks World and involves structural upgrades, equipment refurbishment, and enhancements. Operations are anticipated to commence in 2024, with FPSO Atlanta ramping up to a production capacity of 50,000 barrels per day.

Yinson Production awarded Amarith the design and manufacturing order for two API 610 OH2 pumps equipped with Plan 53B Seal Support Systems. This decision was underpinned by Amarith's track record in delivering on schedule for previous FPSO builds. An aggressive 36-week delivery timeline was set for the pumps to align with the FPSO build schedule.

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The large crude oil transfer duplex pumps feature 570mm diameter impellers, incorporating variable frequency drives to optimise energy efficiency. All electrical components are IECEx certified for safe operation in ATEX Zone I. The pumps underwent rigorous inspection and certification by the American Bureau of Shipping (ABS), aligning with the FPSO's ABS Class designation before being delivered on time to Yinson Production.

Oliver Briginshaw, Managing Director of Amarith, expressed satisfaction with the successful completion of this important order, highlighting the confidence the offshore oil and gas market repeatedly places in Amarith's equipment to operate reliably in challenging environments. Furthermore, he conveyed enthusiasm for securing additional orders in Brazil's dynamic oil and gas market.

OPTIONAL PANEL or BOX ITEMS



API 610 OH2 pump for FPSO Atlanta undergoing final testing at Amarith's facilities

NOTES TO EDITORS:

Amarinth is a carbon net zero organisation delivering world-leading expertise in the design, application and manufacture of centrifugal pumps and associated equipment for critical applications in many of the most arduous and hostile environments around the globe.

Founded in 2002, Amarith has harnessed the skills, creativity and passion of people who have worked in the pump industry for decades, delivering bespoke API and ISO pumps primarily to the offshore and onshore oil & gas industries; nuclear and renewable energy generation; defence; desalination; process and industrial markets.

The company's innovative approach, business agility and use of sophisticated computer applications enables it to deliver robust, reliable and sustainable pumping solutions on the shortest lead times in the industry.

Amarinth's portfolio includes:

- **Process pumps** – API 610, API 685, ISO 5199 horizontal, vertical and in-line bespoke process pumps, including ones that are hydraulically and dimensionally interchangeable with the former Girdlestone and other obsolete pumps.
- **Skid packages and modules** – Supplied with a variety of drives for applications including de-sanding, mixing, filtration and chemical injection and tailored for the oil & gas, water treatment and power generation industries.
- **Condensate recovery** – Cutting-edge design providing low NPSH up to 98°C with variable speed drives to reduce cycle time and lower operating costs, available in stainless steel, galvanised or copper tanks for light or heavy industrial uses.
- **Seal support** – Integrated pressurised and vented seal support systems designed and delivered to API 682 and ISO 5199 standards and specific site specifications and requirements, working closely with AES, Eagle Burgmann, John Crane and Protect System.
- **Spare parts** – Critical spares for all Amarith pumps and related components can be dispatched the same day, reducing potential downtime, and in addition components for the former Girdlestone and other obsolete pumps can be re-engineered often improving the performance of existing assets.
- **Services** – A full range of pump related services, delivered from UK head office or on-site globally, onshore or off-shore, including full commissioning and start-up support; also strip, report and refurbishment of any pump regardless of manufacturer.

Amarinth operates globally from its base in Rendlesham Suffolk, United Kingdom and offices in the Middle East and Malaysia with a global customer base, including BP, Shell, ADNOC, NOV, ExxonMobil, Schlumberger, COSCO, EDF, GlaxoSmithKline, Saudi Aramco, Pfizer, Diageo, Kuwait Oil Company, AMEC, Fluor, LUKOIL, Halliburton, and Babcock.

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