



**FOR IMMEDIATE RELEASE – 15 January 2024**

**Amarinth supplies Dan Fox platform with dimensionally interchangeable API 610 pumps, replacing end-of-life Girdlestone pumps**

**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 completed an order to replace end-of-life Girdlestone pumps with new dimensionally interchangeable API 610 pumps on the Dan Fox platform in the North Sea, Denmark.**

The Dan oil field, one of the largest North Sea chalk fields, is situated in shallow waters in the Danish sector, approximately 120 miles west of Esbjerg. Comprising 12 platforms, 38 active oil wells, and 33 active water injectors, the field has been developed in several phases to meet the evolving demands of the oil and gas industry.

Three critical Girdlestone 980 API 610 pumps on the platform that form an integral part of the oil and water cyclone separator system had reached their natural end-of-life. With Girdlestone no longer in business and their pumps rendered obsolete, the challenge was to find a seamless replacement without incurring extensive modifications to pipework and fittings. Typically, fitting new pumps involves costly and time-consuming adjustments and changes which also can also lead to significant production downtime.

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To address this challenge, Amarith drew upon its extensive expertise in replacing Girdlestone pumps to propose a bespoke version of one of its own centreline pumps. This tailored solution not only fulfilled the required duties but was designed to the API 610 edition that mirrored that of the original Girdlestone pump. Crucially, it was also engineered to be dimensionally interchangeable with the existing pump, minimising the need for modifications to associated pipework, plant infrastructure, and equipment.

Manufactured to ATEX requirements with Plan 31 seal arrangements and associated gauges, the bespoke pumps were completed within a short 26-week lead time, aligning with the required maintenance window, and ensuring minimal disruption to the continuous operation of the Dan Fox platform.

Oliver Briggishaw, Managing Director of Amarith, expressed satisfaction, saying, “We are pleased that we could once again use our extensive experience of replacing Girdlestone pumps along with our product agility to successfully supply new pumps which could be commissioned on the platform with minimal production downtime. The new pumps will now operate reliably for the next few decades with full support and maintenance spares available directly from Amarith.”

## OPTIONAL PANEL or BOX ITEMS



Amarinth pumps for the Dan Fox platform in assembly

## 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.

## For further information or photos contact:

### Comment:

Alex Briggshaw  
Commercial Director  
Amarinth Limited  
Bentwaters Park  
Rendlesham  
Woodbridge IP12 2TW  
United Kingdom

Tel: +44 (0)1394 462131  
Mobile: +44 (0)7703 681821  
Alex.Briggshaw@Amarinth.com

### Media Relations:

Phil Harland  
B6 Solutions Limited  
29 Swan Drive  
The Wharf  
Aldermaston  
Reading RG7 4UZ  
United Kingdom

Tel: +44 (0)118 971 3271  
Mobile: +44 (0)7880 748380  
Phil.Harland@B6solutions.com

Amarinth can also be reached on its website: [www.amarith.com](http://www.amarith.com).

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