



FOR IMMEDIATE RELEASE – 02 March 2022

**Amarinth supplies directly interchangeable pumps to Babcock
for refit of HMS Albion**

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 supplied hydraulically and dimensionally interchangeable ISO 5199 centrifugal pumps to Babcock to replace obsolete end-of-life pumps during a refit of HMS Albion.

When the Royal Navy's HMS Albion came into Devonport for a refit, Babcock approached Amarith about four chilled sea-water recirculation pumps on the vessel that were installed over 25 years ago and which had reached their end-of-life. The Girdlestone pumps were now obsolete with no replacement available from the original equipment manufacturer, potentially requiring expensive work to fit pipework and mountings to accommodate new pumps.

Obsolete pumps are an issue across many industries and Amarith has used its extensive knowledge and skills to design a range of ISO 5199 pumps that are both hydraulically and dimensionally interchangeable with Girdlestone pumps. This ensures that old obsolete pumps can be replaced with new Amarith pumps that will perform the same, or better, than the original pumps, fit the existing footprint and require no expensive modification to pipework and fittings.

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Babcock also requires its suppliers to meet stringent security requirements, which in this case included the UK Government backed Cyber Essentials Certification, which Amarith already complied with. This certifies that an organisation has in place measures to protect against potential cyber-attacks to secure key company and customer information.

To operate reliably in the harsh and challenging marine environment, pumps must be resistant to corrosion, fully shock, noise, and vibration tested, and designed to handle wave motion moments. Amarith was able to deliver four such ISO 5199 close-coupled duplex sea-water recirculation pumps successfully to Babcock on a tight 20-week deadline to align with the re-fit window and ensure HMS Albion could return to active service on schedule.

Oliver Briginshaw, Managing Director of Amarith, commented: “We are delighted that Babcock once again selected Amarith for new pumps during the refit of a Royal Navy vessel. Our extensive experience in designing pumps for challenging marine duties and our ability to replace existing pumps on a like-for-like basis will ensure that HMS Albion will have reliable and fully supported pumps for a few more decades of operation. We look forwards to providing further pumps for Royal Navy vessels as and when they require similar replacements.”

OPTIONAL PANEL or BOX ITEMS



HMS Albion overseas on operational duties

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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