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AMARINTH OVERHAULS SAFETY CRITICAL OIL CONTAINMENT SKID PACKAGES

13.07.2023

Amarinth has been contracted by Wood to overhaul the three oil containment skid packages managed and operated by Oil Spill Response Limited. Six years ago, Amarith supplied ten API 610 OH1 pumps with Plan 53B Seal Support systems to the Subsea Well Response Project for a global containment toolkit that can support subsea well incident response if well shut-in is not immediately possible.



Amarinth engineers start inspecting the first OSRL oil containment skid to arrive with its three Amarith API 610 OH1 pumps and Plan 53B seal support systems. (Image source: Amarith Limited)

The equipment helps contain and quickly remove oil from the sea and offload it into tankers for removal from an incident.

The containment equipment is made available through Oil Spill Response Limited (OSRL) to the international oil and gas industry and is always ready to be deployed anywhere in the world. OSRL is the largest international industry-funded cooperative and exists to respond to oil spills wherever they may occur, providing preparedness, response and intervention services, helping to protect coastlines, wildlife, and communities. OSRL is wholly owned by most of the environmentally responsible oil and gas companies around the globe, and its membership represents the majority of the world's oil production.

With strong demand to replace Russian oil and gas assets, and ongoing unrest in parts of the world, there has never been a greater need for the environmental protection that the OSRL oil spill response equipment offers should any incident occur. The three skids that form part of the global containment toolkit must always be ready for deployment which demands a carefully planned overhaul of the skid packages. John Wood Group PLC is tasked with managing this process for OSRL and has contracted Amarith to undertake the overhaul of the skids based on Amarith's proven ability to deliver reliably and on-time against such critical projects.

Amarinth has agreed an overhaul program that will see the three skids, each with three pumps on, come into Amarith's facilities in Rendlesham, UK one by one over a three-month period, commencing in June. This ensures that two skid packages are always ready for deployment. Each skid will go through Amarith's strip, report and refurbish program. This involves a detailed mechanical and hydraulic assessment of the pumps and replacement of all important components. Knowledgeable engineers carefully inspect all non-replacement items for wear and to make sure they are within tolerance. The pumps are finally tested at Amarith's in-house facility to certify them to the same standards as when they were new, giving peace of mind that they will operate reliably whenever and wherever they are needed until the next planned overhaul.

Oliver Brigginsshaw, Managing Director of Amarith, commented: "We are delighted to be supporting the global oil and gas industry on such a critical project. The importance of the OSRL equipment to the world cannot be underestimated. We will be working closely with Wood to ensure that the pumps are overhauled meticulously, and the skids returned to full readiness according to the agreed schedule."

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