

Rotech Case Study

TRS2



Rock Dump Dispersal & De-burial Ops - North Sea



The Rotech Solution

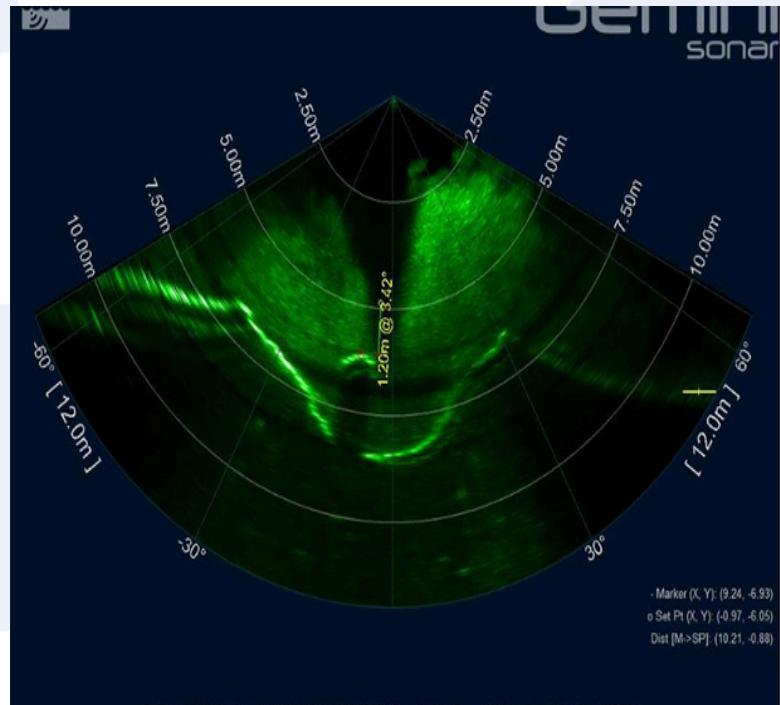
Rotech deployed its TRS2 Controlled Flow Excavation (CFE) system, which was mobilised to carry out the project works at the beginning September 2020. The TRS2 was selected for its high-volume output, making it well-suited for efficiently displacing heavy subsea materials. Deployed from the starboard side of the vessel, the TRS2 performed eight passes across the rock dump area. Despite encountering more cemented rock than expected, the tool delivered strong performance.

Results

The TRS2 successfully completed the de-burial successfully. Sonar grab results confirmed the full clearance of the rock dump, enabling safe and timely pipeline recovery to deck. The project demonstrated the TRS2's capability to manage hard seabed conditions with precision and efficiency, allowing for an on-schedule and cost-effective operation.

Project Overview

Boskalis selected Rotech Subsea to undertake a pipeline de-burial and rock dump dispersal operation located in the North Sea. The scope involved removing 70 metres of cemented rock dump with sizes ranging from 2 to 12 inches in diameter, to a depth of 1.2 metres. Operations were carried out in approximately 43 metres of water from the DSV Boka Da Vinci, with mobilisation from Aberdeen Harbour.



Project Information

Client: Boskalis

Scope: Rock dump dispersal & de-burial ops

Water Depth: Approx 43m

Soils: Rock dump - sizes ranging from 2"- 12"

Vessel: DSV Boka Da Vinci