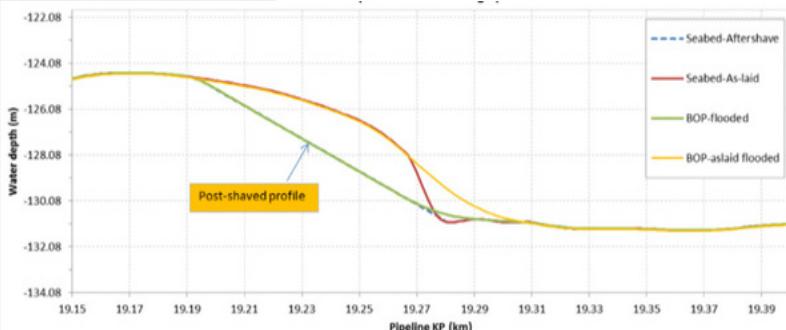


Rotech Case Study

TRS2



Sandwave Peak Shaving Ops - Singapore



The Rotech Solution

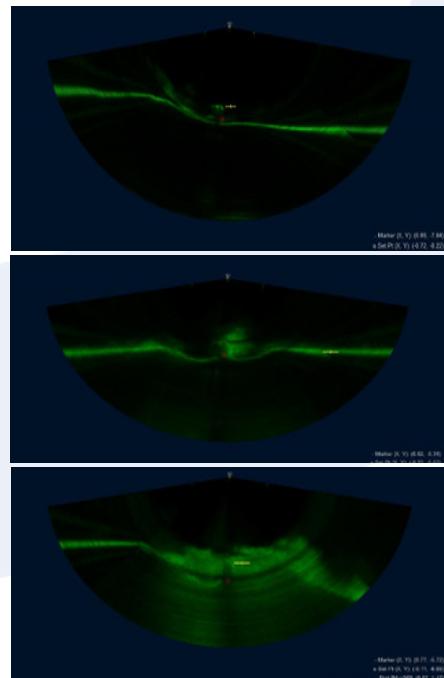
Rotech deployed its TRS2 Controlled Flow Excavation (CFE) spread for the operations. The TRS2 system was selected for its ability to efficiently perform precision excavation in deepwater environments, removing high points on sandwaves that posed risks to the integrity of the installed infrastructure. The equipment's non-contact excavation capabilities ensured minimal impact on the surrounding seabed while achieving the required seabed profile adjustments.

Results

The sandwave peak shaving and post-trenching operations were successfully completed within the defined scope and timeframe. The TRS2 system proved effective in achieving the necessary seabed modifications, enabling the safe installation and stability of the flowline and umbilical. Rotech Subsea delivered a reliable and efficient solution, contributing to the overall success of the project.

Project Overview

Rotech Subsea was contracted by Subsea 7 to perform sandwave peak shaving operations as part of a project for Rosneft. The scope included peak shaving along a 16-inch flowline running between well PLD-1P and the Lan Tay manifold, covering a distance of approximately 20.73 kilometres. Additionally, umbilical post-trenching was undertaken between the Lan Tay platform and the Phong Lan Dai SSIV, covering a further route length of approximately 4.14 kilometres. The project was executed in water depths of 192 metres during Sept-Oct 2018.



Project Information

Client: Subsea 7

Scope: Sandwave Peak Shaving

Water Depth: 125m - 192m

Soils: Hard sands

Vessel: ROCKWATER 2

