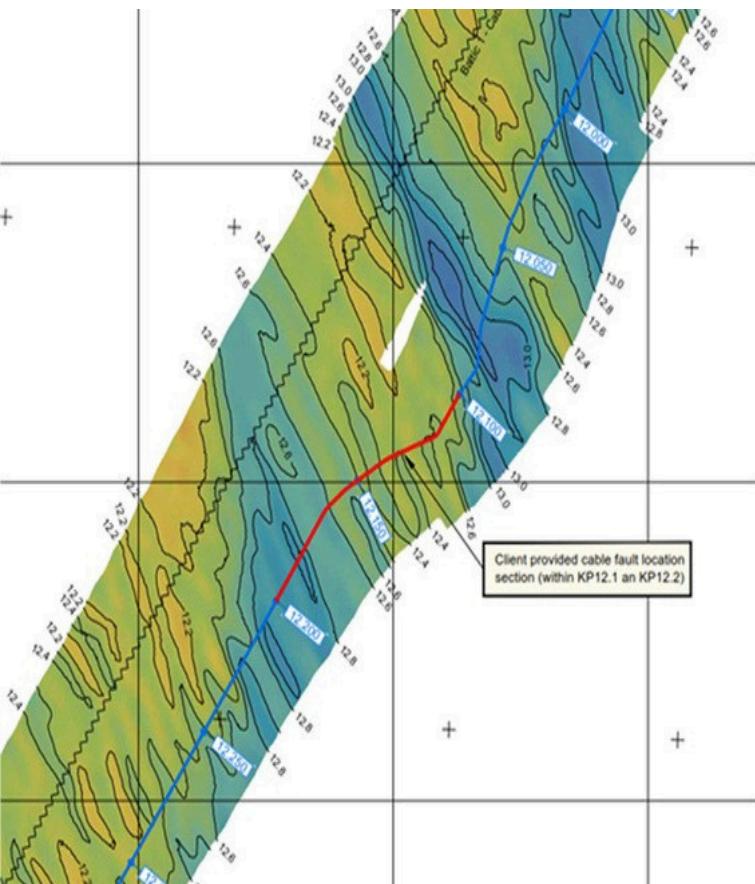


Rotech Case Study

RS2 & RSG



Cable De-burial & Post-lay Trenching - Baltic Sea



Project Overview

Rotech Subsea was contracted by NKT to support cable repair operations on an offshore wind farm in the Baltic Sea. The scope included the de-burial of a subsea cable using the RS2 controlled flow excavation (CFE) tool, followed by the recovery of the cable to allow NKT to perform necessary repairs. Once repairs were completed, the RS2 was redeployed to conduct post-lay trenching of the cable to meet the client's burial specification.



The Rotech Solution

Rotech Subsea mobilised the RS2 spread aboard the EDT Hercules, deploying the equipment using the ship's crane. The cable was successfully de-buried and recovered using the Rotech Subsea Grab (RSG), facilitating repair works. After the cable was repaired, the RS2 was utilised to re-bury the cable to a target depth of 1.50 metres. Operations were carried out in 15 metres water depth, with soil conditions ranging from soft sands to firm clay sand.

Results

The RS2 performed exceptionally across both de-burial and post-lay trenching phases. In soft sand areas, an average progress rate of 4 metres per minute was achieved, while in firmer clay sections, the RS2 maintained a rate of 2 metres per minute. The cable was successfully buried in two passes, meeting NKT's specifications and contributing to the safe and efficient completion of the project.

Project Information

Client: NKT

Scope: Cable De-burial & Recovery

Water Depth: 15m

Soils: Sands with sections of firm clay

Vessel: EDT Hercules