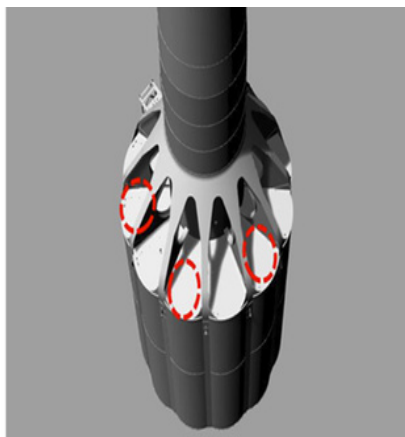
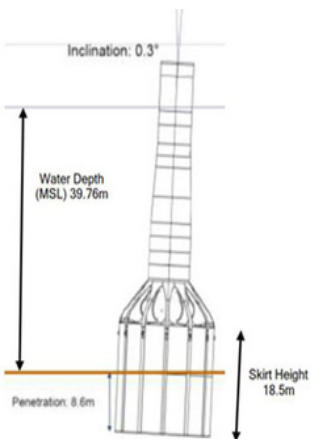


Mono Bucket Fundament De-Burial - Offshore Germany



Project Overview

Rotech Subsea was contracted by SMIT to support operations at an offshore wind farm in Germany. The objective was to de-bury a damaged Mono Bucket Foundation (MBF) that had sustained damage during the installation phase. The recovery of the MBF was essential, necessitating an efficient and effective excavation solution. The Rotech works went ahead in July 2021.



The Rotech Solution

Rotech Subsea deployed the TRS1 Controlled Flow Excavation tool to carry out the de-burial of the MBF. The tool enabled rapid excavation to depths exceeding seven metres below the mud line. This depth was required to significantly reduce soil friction, making it possible to lift and recover the structure. Following the recovery, the TRS1 tool was also successfully utilised as the platform for a multibeam echosounder (MBES) survey to complete the as-left survey.

Results

The project was completed efficiently and to the satisfaction of the client. The TRS1 tool enabled the swift excavation and recovery of the MBF, confirming its effectiveness in both de-burial and survey support operations.

Project Information

Client: SMIT

Scope: Mono Bucket De-burial

Soils: Cohesive - hard mud

Vessel: Bokalift 1