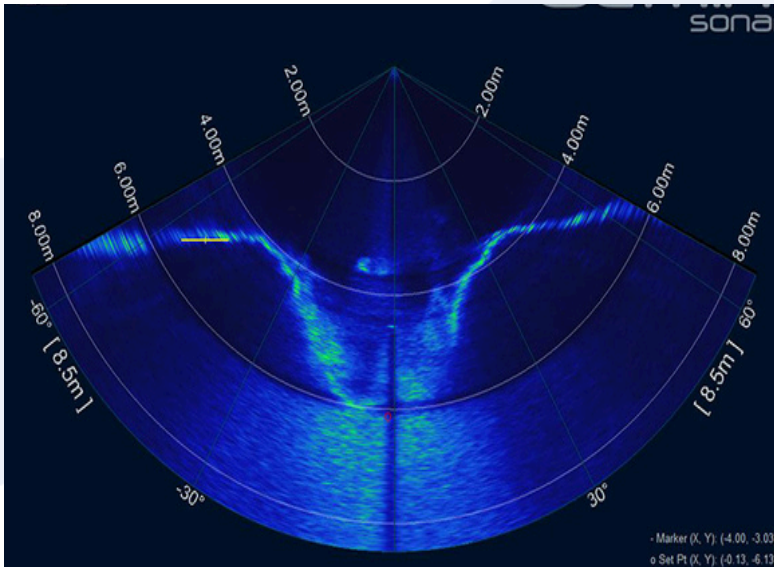
Rotech Case Study
TRS2

Cable De-burial & Post-lay Trenching - English Channel

Project Overview
Rotech Subsea was contracted by NKT to carry out cable de-burial and post-lay trenching works as part of phase two of the BritNed cable repair project. The scope involved de-burying a damaged section of cable, buried at a depth of at least three metres, to enable the installation of an omega loop. The newly laid cable then required trenching to a client-specified target depth of two metres.
Operations commenced in April 2021 on the Ievoli Ivory and concluded in June 2021 aboard the Olympic Zeus. The work was performed in water depths of up to 42 metres LAT, with seabed conditions comprising mainly sand and some sections of soft clay.

The Rotech Solution
Rotech Subsea deployed its TRS2 Jet Trencher tool. This allowed for rapid dispersal of seabed material and ensured that trenches remained open long enough to safely extract and effectively re-lay the cable.



Results
The TRS2 achieved de-burial to client specifications in a single pass, progressing at rates between one and three metres per minute. Burial of the new cable was completed in two passes at an average rate of approximately four metres per minute. The tool's high-performance capabilities contributed to a highly efficient operation, delivering both time and cost savings.
NKT expressed satisfaction with the technical performance of the TRS2 and the overall success of the project. Rotech Subsea looks forward to future collaboration with NKT.

Project Information
Client: NKT
Scope: Cable De-burial & Post-lay Trenching
Water Depth: Up to 45m LAT
Soils: Sand with soft clay in some sections
Vessel: Ievoli Ivory & Olympic Zeus