Rotech SUBSEA

TRENCHING & EXCAVATION SPECIALISTS

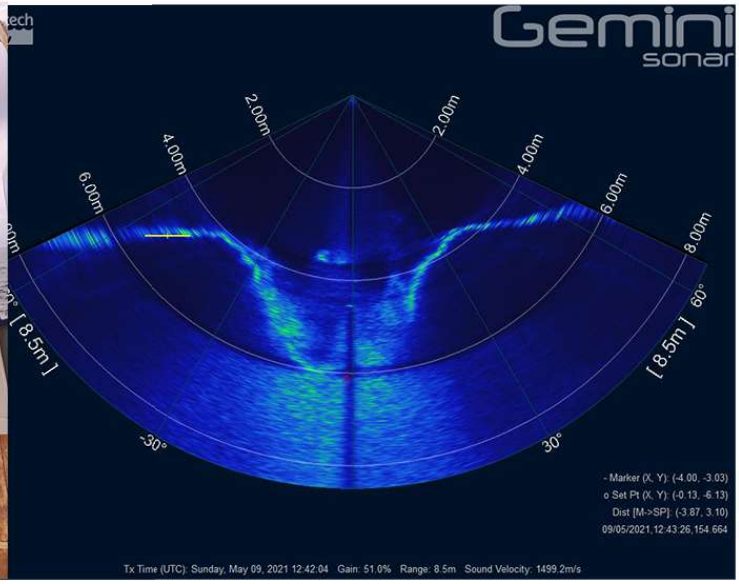
CASE STUDY

TRS2 - NKT

BritNed Powering Europe's Future

NKT

TRS2 - Cable De-burial & Post Lay Trenching Works - BritNed Cable Repair



Rotech Subsea were contracted by **NKT** to carry out cable de-burial and Post-Lay Trenching works for BritNed cable repair phase 2. The scope of work consisted of de-burying damaged cable to allow for an omega loop to be laid and then trenched in. The cable to be de-buried was at a minimum of 3m depth and and the newly laid cable was to be trenched to client specification of **2m ToC**. The **TRS2** was selected to carry out the scope of work due to its high flow capabilities - 8000l/s - allowing for a large amount of material to be dispersed and also to allow for the trench to remain open for sufficent time to pull out the cable.

The subsea spread of equipment was mobilised on the **Ievoli Ivory** in April 2021 and was completed on the **Olympic Zeus** in June 2021. Rotech CFE spread was operated in **water depths** up to **42m LAT. Soil conditions** in the area were **SAND** with the presence of soft **CLAY** in some sections.

The project was a **success** with **NKT** delighted in **Rotech Subsea's TRS2** technical capabilities. The TRS2 de-buried the cable to client specification with **1 Pass** at progress rates between **1m/min - 3m/min**. Burial of the cable was also achieved in **2 Passes** at a rate of approximately **4m/min**. The performance capabilities of the TRS2 allow for the most efficient operations and thus save on project total costs.

An impressive performance from the TRS2 Controlled Flow Excavator has led to yet another successful project for all parties, and **Rotech Subsea** look forward to future collaborations with **NKT**

Reference:
Christoffer Trosgard, Operations Supervisor, NKT