

# Rotech Case Study

TRS1



## 14" Pipeline De-burial Works - North Sea



During CFE operations, Gemini NBI sonars were used for real time imaging. Gemini data was logged with screen grabs taken at intervals agreed with the client. CFE operations were conducted using the vessel starboard crane, deploying over the starboard side. The vessel speed during operations was 2 - 3 m/min.

### Results

1 - 2 passes were conducted on the pipeline exposure section to achieve criteria set by client. The work scope was completed as per the clients request.

This case study reinforces Rotech Subsea's technical proficiency, operational excellence, and unwavering commitment to client satisfaction in demanding offshore conditions. The successful execution of this projects scope of work showcases the capability of the TRS1 excavator in handling complex subsea excavation tasks with precision. The use of real-time Gemini NBI sonar imaging and strict adherence to client-defined criteria further reflect Rotech's dedication to quality, transparency, and innovation.

### Project Overview

In Q2 2023 Rotech Subsea completed 14" pipeline de-burial works in the Danish Sector, North Sea, using the TRS1 excavator.

### The Rotech Solution

CFE operations were carried out to expose sections of existing 14" pipeline, with 1 m clear below pipeline in preparation for installing cutting equipment. The damaged section of pipeline was removed, and the TRS1 was used to create a transition from the cut location, to the seabed level, prior to the installation of the new spool piece.



### Project Information

**Scope:** Pipeline Burial and Seabed Prep

**Water Depth:** 45 m LAT

**Soils:** Silty Sands & Shells

**Currents:** 3knts

**Sea State:** 0.5 - 1.0m

**Vessel:** 115 m DSV

This project highlights Rotech Subsea's reputation as a reliable and forward-thinking partner for subsea trenching and excavation solutions across the energy sector.