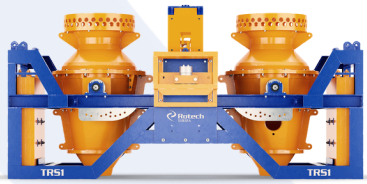
Rotech Case Study
TRS1

Post-lay Cable Trenching & Omega Joint Burial - USA

Project Overview
In Q3 2023 Rotech Subsea completed post-lay cable trenching and Omega Joint burial off shore USA, using the TRS1 CFE spread. The soils along the cable route were heavy sands with shells fragments.
The scope of work consisted of post lay trenching of 2 Omega joints on the East and West HVAC cables and post lay trenching of 2 x 800 m sections from the off shore substation to the HVAC cable burial transition locations.

The Rotech Solution
2 passes were conducted on the Omega Joint locations and 800 m sections to the off shore substation, the 1.8 m Depth of Burial was achieved as per contract. During CFE operations were conducted using 15 Te A-Frame deploying from the portside of the vessel. The TRS1 was oriented perpendicularly to focus the CFE water jets on either side of the cable. vessel speed during operations was 2 - 3 m/min during CFE operations.



Results
Throughout the project there were no recorded delays or incidents, and all activities were executed within the planned schedule. The performance of the equipment and the coordination of the offshore team ensured that the project milestones were met efficiently, reinforcing confidence in the methodology and execution strategy.

Project Information
Client: Prysmian
Scope: Post-lay Trenching & Omega Joing Burial
Water Depth: 35 - 38m LAT
Soils: Heavy Sands
Currents: 1 - 2 knts
Sea State: Flat

This case study showcases Rotech Subsea's efficient delivery of post-lay trenching and omega Joint burial in challenging seabed conditions. Using the TRS1 d, the team achieved target burial depths without delays or incidents, highlighting strong equipment performance and offshore coordination.