

Deburial of Export Cable - Offshore France



Project Overview

During Q2 2023 Rotech Subsea completed the deburial of an export cable prior to connection to an offshore substation off the coast of France. Rotech provided the RS2 CFE spread and the RSG fitted with bucket attachments. The soils were heavy sand and 20 - 100 mm rock dump. CFE deburial operations were completed on two 600 m wet-stored export cable ends, including recovery rigging.

The Rotech Solution

CFE operations focused on the remedial burial of two export cables along the shoreline, covering sections from KP0.3 to KP2.5. The target depth of burial (DoB) varied between 1 metre and 2.2 metres. Cables were successfully deburied in two passes from depths of 1 - 1.5 m below MSBL. The cable ends were then recovered to deck for pulling into the substation. Gemini NBI sonars provided real time imaging throughout the operation, with screen grabs taken at intervals agreed with the client. The RS2 was deployed over the stern using the vessel crane. Vessel speed during operations was 2 - 3 m/min. The RSG fitted with bucket attachments was used to clear rock dump, so that the RSG could capture the recovery rigging.

Results

The combination of the RS2, RSG, and RSG with bucket attachments worked well, allowing completion of the project on schedule.



Project Information

Client: Prysmian

Scope: Deburial of Export Cable

Water Depth: 30M LAT Cable

Soils: Heavy Sands

Sea State: 0.5 - 1.5 m

Currents: 1 - 2 knts

Vessel: Cable Lay Vessel