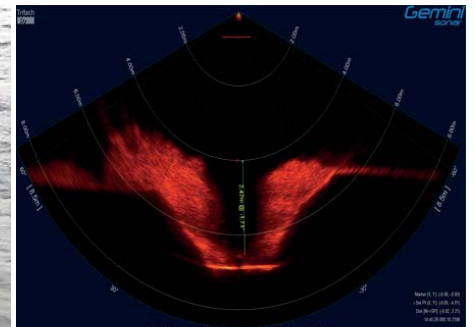


## Deburial & Reburial of 132 kV Export Cable for Repair / Gwynt y Môr Offshore Wind Farm

Q4 2015 - Q1 2016 / TRS1 CFE SPREAD



**Rotech Subsea Ltd** were contracted to Hughes Sub Surface Engineering to carry out Export Cable Deburial operations. A fault was reported on the 132kV export circuit 2 of the OFTO and was located (by TDR tests) at 8.17km from the West offshore platform; at this location the cable is buried to a depth of 1.5m and the water depth is 5m LAT.

The Rotech Subsea TRS1 spread of equipment was mobilised onto the MPR3 DP1 Multicat vessel. The TRS1 was safely deployed to perform the successful de-burial of the cable, for ABB to recover the faulty cable and perform jointing operations.

Once ABB had repaired the fault the TRS1 post trenched the cable ends and joints to in excess of 2.8m in 2 passes (see sonar profile).

The TRS1 had to operate at 2m above the product at all times as instructed by the Marine Warranty Surveyor. The TRS1 was able to do so due to the higher CFE velocities and advanced jet capabilities.

### Reference :

Hughes Sub Surface Engineering : Ian Hughes (MD) or Mike Bailey (Operations)

ABB : Dennis Darlington (ABB Rep)