

Full Geophysical and Geotechnical Survey Completed



The original scope of the project, involving geophysical and geotechnical aspects in the Bight field (Germany) for TenneT, involved 66 vibrocore and CPT stations and more than 700 kilometres of survey line. On completion of the work, ahead of schedule, Osiris Projects (UK) was asked to acquire additional geotechnical samples on an adjacent site.

Osiris Projects achieved better than expected results for the known complex geology, and was successful in sampling 14 vibrocore and 21 CPT stations, to a depth of 6m in some areas. Although adverse weather was encountered, this high-priority project with additional work scope was completed ahead of the original project deadline.

The company utilised one of its regular charter vessels MV *Neptune* to fulfil the contract: a 50m multi-role DP1 survey vessel designed to accommodate a full simultaneous geophysical, geotechnical and ROV spread. Built in 1977, *Neptune* has undergone numerous alterations, the most significant being in 2008 when she was completely refurbished by Icelandic owner Neptune EHF. The vessel provides ample deck space and can accommodate up to 35 personnel with a duration in excess of 30 days. The recent upgrade from a 4T to 10T A-Frame further enhances the vessel's geotechnical capabilities.

Osiris Projects' geotechnical expertise has recently been strengthened by the appointment of Stuart Tate as geotechnical engineering manager. Stuart has almost 20 years' experience in the industry, and will work to develop the department to further complement the company's core capability of hydrography and marine geophysics.

<https://www.hydro-international.com/content/news/full-geophysical-and-geotechnical-survey-completed>
