NextGeo Selects PanGeo SBI for Dutch Offshore Wind UXO Survey

Marine geoscience and offshore construction support service provider NextGeo has been carrying out various works as part of its contract with TenneT TSO for UXO survey services in support of the vast offshore wind energy programme promoted by the Dutch Government in the Dutch sector of the North Sea.

Following the completion of a successful route survey campaign performed in Hollandse Kust (West Beta) (HKWb) last year, NextGeo has selected PanGeo Subsea (a Kraken Robotics Company) to provide its sub-bottom imager (SBI) to conduct a detailed survey around the *Baloeran* wreck close to cable routes to provide a clearer picture of subsea conditions underneath the seabed.

NextGeo CEO Giovanni Ranieri commented: "The relationship between NextGeo and PanGeo is just at the beginning, but this represents a key milestone for both companies with multiple potential developments in the current energy transition market."

Beamforming Synthetic Aperture Sonar

Applying advanced beamforming synthetic aperture sonar arrays that provide a real-time 3D view of the sub-seabed, PanGeo's SBI gathers highly accurate and usable data and has a proven track record in cables and UXO detection. The SBI has been installed on Ievoli Ivory's WROV to ensure a maximized coverage of the targeted area characterized by strong currents, shallow water depth and very low visibility.

"We are truly excited to have the opportunity to team up with NextGeo and work together on the HKWb campaign. TenneT is no stranger to the SBI data, we value this and strive to continuously explore ways to enhance our service delivery. We look forward to building a strong working relationship with NextGeo to leverage onto future projects in the region," said Moya Cahill, PanGeo Subsea CEO.

NextGeo ROV equipped with PanGeo sub-bottom imager.

https://www.hydro-international.com/content/news/nextgeo-selects-pangeo-sbi-for-dutch-offshore-wind-uxo-survey