

# UXO IDENTIFICATION

M, SE, 50, 80 N, 80, 90, 85

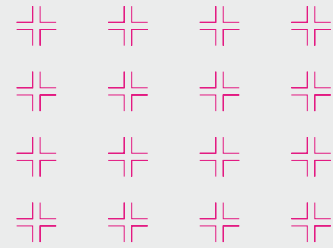


 **Beam**  
Automating offshore wind

✉ [sales@beam.global](mailto:sales@beam.global)



# The natural choice for UXO ID solutions



Unexploded ordnance (UXO) continue to pose a real risk to site developers, contractors, and asset owners, even long after periods of inactivity, with the potential to impede the safe and timely completion of projects.

Our comprehensive solution aims to mitigate these risks efficiently, in order to safeguard schedules and enable the arrival of heavy lift assets and cable lay support vessels on site. Our clients can be confident that the site has been prepared in advance, and the threat of UXO eliminated.

Combining our advanced range of ROVs, industry know-how, and some of the most cutting-edge sensors available on the market, we deliver valuable insights into the marine environment and work with our clients to develop a customised mitigation strategy to address the risks posed by confirmed UXO threats. Our goal is to ensure the safe and timely identification and removal of these hazards, bringing schedule efficiencies that ultimately reduce the time to completion and first power.

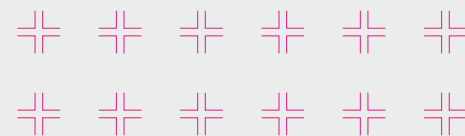
## WHY BEAM?

- The most capable ROVs on the market for operating in extreme high-current states.
- Our next-generation SubSLAM X2 multi-function perception systems deliver the highest quality 4K video and simultaneous 3D live technology, with remote streaming to shore, providing multiple stakeholders with real-time information for swift assessment and decision-making.
- Data can be organised and stored in real-time for reporting and archiving, via our industry-leading data platform, Vaantage.



## Surety of assets

Our carefully selected fleet of DP2 vessels are equipped with advanced dynamic positioning capabilities, specifically tailored to meet the unique requirements of offshore wind projects, providing a stable platform for conducting operations in challenging marine environments.



## Shorter projects in high-current states

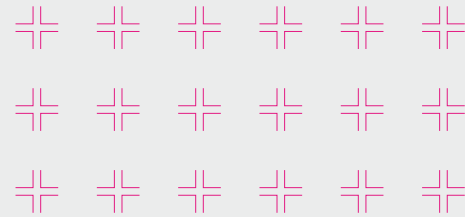
Our all-electric ROVs excel in extreme tidal sites, capable of operating in currents exceeding 3 kn in any direction, resulting in less downtime and shorter project durations. Advanced flight control improves the quality of operation, streamlining task completion. With lower energy consumption and a decreased risk of oil spills in comparison to hydraulic ROVs, more cost-effective and environmentally friendly operations can be achieved.





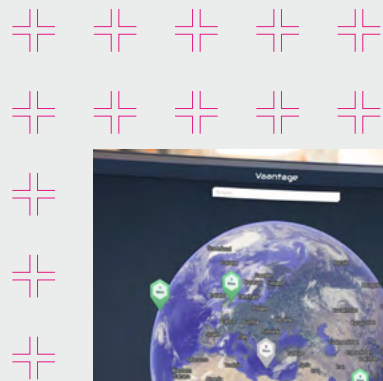
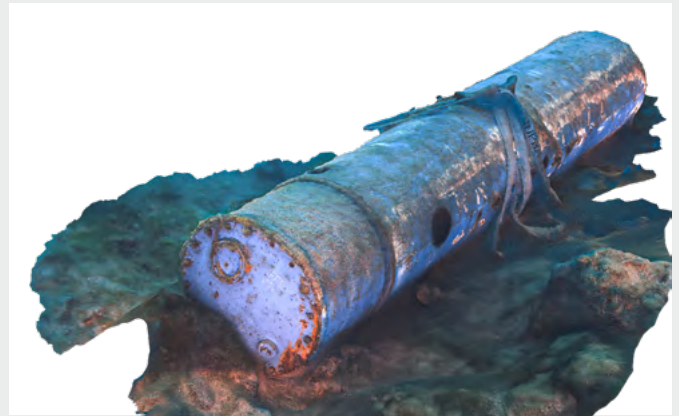
## Superior vision in challenging environments

Our vehicles are fitted as standard with our nextgeneration SubSLAM X2 multi-function perception system. Offering the highest quality 4K video and simultaneous 3D live technology, we provide superior vision in the most challenging underwater environments.



## Real-time 3D visualisation and modelling

Harnessing the power of SubSLAM X2 technology, we generate 3D reconstructions in real-time, providing a true physical representation of identified targets in situ. With remote streaming to shore, multiple stakeholders can effortlessly interrogate models, with the ability to take live contactless measurements with sub-millimetre precision. By enabling highly accurate identification and classification of targets, our solution aids swift risk assessment, ultimately leading to successful disposal.



## Faster decision-making and collaboration

Through our industry-leading data platform, Vaantage, users can track and monitor every object of interest, perfectly mapped in GIS format. With a simple click, all stakeholders have instant access to safely and securely stored records and reports that can be viewed from any device, anywhere in the world.