

# N-Sea Develops Next-generation UXO Detection System



Subsea IMR provider N-Sea has announced the launch of Magsense, a vertical gradiometer array specifically designed for highly accurate unexploded ordnance (UXO) campaigns. Developed in-house by N-Sea, the system has been designed to collect and record high-resolution data in magnetically noisy subsea environments and hostile conditions, delivering unprecedented accuracy, greater efficiency and enhanced safety in the detection of UXO.

N-Sea's Chief Operating Officer Roddy James described N-Sea as holding an impressive track record of UXO campaigns, with proven experience in the investigation and mapping of potential targets.

Magsense has been developed using this knowledge and experience. Specifically designed for wide seabed survey, with highly accurate UXO target detection and accurate modelling, it is suitable for use in all environments, this allows for the collection of high-quality, high-density gradiometer data in previously inaccessible, shallow tidal areas, James explained.

## Most uneven of terrain

Used in conjunction with a Remotely Operated Tow Vehicle (ROTV), the MagSense frame can be towed through the water in ways previously not feasible, ensuring even the most uneven of terrain is tracked accurately and consistently. Additional sensors provide a better control of the unit, and the 3D steering of the frame drastically decreases the amount of infill to be budgeted for, whilst its specially-designed launch-and-recovery system keeps manual handling to a minimum and reduces risk to personnel.

N-Sea is an independent offshore subsea contractor, specialising in IMR services for the renewable, oil and gas, and telecom/utility industries, as well as for civil contracting communities. N-Sea provides near shore, offshore and survey services to major operators and service companies alike.