UXO Identification Successful for ARIS Explorer

Sound Metrics, USA, has supplied an ARIS Explorer 3000 to aid an organisation in the identification and classification of unexploded ordnance (UXO) off the coast of the North Sea with outstanding results. Due to the clarity provided by the ARIS Explorer 3000 in zero-visibility waters, the sonar provided the organisation with the needed detail critical to the accurate identification of UXO. With the ARIS' high-resolution imaging, the team successfully gathered information on the target's dimensions, characteristics and location.

The coast of the North Sea is known to be particularly turbid, due to strong currents and large amounts of sediment swept into the seabed by neighbouring rivers. As a result, optical cameras are often ineffective, and other imaging sonar lack the clear, sharp detail afforded by the ARIS Explorer 3000.

Characteristics of the target were found to be consistent with a highly explosive German LMB Ground Mine – featuring a rounded nose and "oyster-like" tail-shape. Using the ARIScope software measurement tool, the mine was measured to be approximately 2.3 metres in length.

With conclusive results, the client states he is "over the moon with this product" and how the ARIS Explorer was able to help him and his team positively determine the identity of the UXO. Due to the successful identification of the target, the team could effectually evaluate risk and carry out a plan of action to protect seafarers in accordance to industry practice and protocol.