



Explosives *Ordnance Survey & Disposal*

Inshore and Offshore Marine Services

Explosive Remnants of War (ERW) represent a significant danger to the mariner, prevalent in many of the world's subsea environments as a result of explosive contamination after conflict in the region, designated dumping at sea, military exercises or even during the laying of defensive minefields.

MAST can help provide marine UXO consultancy expertise that helps establish the extent of the problem by conducting detailed desk top studies of the

designated underwater area, undertake historic searches for ports, harbours and dockyard developments or evaluate inshore and offshore structures that require marine pre-construction planning to mitigate against such a risk. This includes the provision of underwater survey expertise and diving activities for marine projects, including submarine cable services, pipe laying, dredging, surveying and associated activities in support of the wind-farm, oil and gas industries.



TECHNICAL UNDERWATER EXPERTISE

SEA MINES • TORPEDOES & DEPTH CHARGES • BEACH LAND MINES • ASSOCIATED EXERCISE AMMUNITION • MUNITIONS DUMPING • CHEMICAL ORDNANCE
ROV/AUV OPERATION • AIR DELIVERED ORDNANCE AT SEA • DIVING SERVICES • MEDIA HANDLING • DREDGING SUPPORT • EMERGENCY PLANNING



Richard Batrick MSc MIExpE
MAST's Technical Director

Richard has over 20 years of global British military operational experience, as well as advanced EOD and diving qualification, culminating in command of the Royal Navy's Southern Diving Group.

As the Technical Director, he is committed to recruiting the highest calibre UXO professionals with relevant underwater explosives expertise, thus promoting safety and accuracy throughout.

He is a member of the Institute of Explosive Engineers (MIEpE) and a full member of the Society for Underwater Technology (SUT).

INSHORE/OFFSHORE UXO RISK ASSESSMENTS

The measurement of risk in the marine environment is conducted by following four phases of the UXO risk assessment process to establish the type and quantity of underwater explosive contamination that may be prevalent in the UXO survey area. These phases are as follows:

Preliminary Risk Assessment, Detailed Risk Assessment, UXO Mitigation Design and underwater Survey, which may include UXO target investigation and clearance activities during the design phase of inshore/offshore installations.



TECHNICAL UNDERWATER EXPERTISE

MAST personnel have conducted numerous underwater UXO tasks as munitions experts in the identification and evaluation of explosive ordnance and sea related munitions. With an innate understanding of precise maritime positioning,

underwater survey and identification of subsea ordnance in difficult and dangerous underwater conditions, MAST's operators and advisors are of the highest calibre.



CONTACT DETAILS

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