

PROBLEM STATEMENT

Unexploded ordnance (UXO), munitions from past military activities that litter the coastal waters of the U.S., pose a significant risk to human life and marine species through detonation and the release of volatile chemicals into the environment. Legacy detection processes are inefficient, expensive, and unsafe.



BENEFITS

MacArtney's FOCUS-3 ROTV can support rapid, cost effective and safe detection of UXOs.

The identification and disposal of UXOs protects U.S. citizens and marine life from accidental detonation and prevents toxic chemicals from leeching into the marine environment.

The removal of UXOs from its exclusive economic zone will provide peace of mind to the blue economy of the U.S and lead to increased economic growth.

TECHNOLOGY SOLUTION

MacArtney's FOCUS-3 remotely operated towed vehicle (ROTV) with an integrated scanning sonar can detect and classify UXOs, marking their location for safe disposal by DoD.

This turn-key solution includes the C2 system, payload delivery system, electro-optical armored cable, data acquisition system, ROTV, and payload.

This system can be operated by a small crew on a modest sized vessel in up to 1000 m of water.

GRAPHIC

