

# Munitions Response Diving Capability



## Unmatched Underwater UXO Capabilities

Tetra Tech's industry-leading experience, expert divers, state-of-the-art equipment—combined with ISO 14001 quality standards certification—ensure highly successful port clearance projects.

**People**—We self-perform. Our unexploded ordnance (UXO) divers, supervisors, and managers all come from the U.S. Navy's Explosive Ordnance Disposal (EOD) diving program. Each diver has years of experience conducting military and commercial UXO diving operations in the harshest conditions around the world. Many of our UXO divers were on active duty during the Gulf wars and conducted clearances of CENTCOM coalition ports.

**Equipment**—We design our dive systems to maximize production. Our years of experience allows us to analyze each site and tailor the equipment to optimize the UXO clearance production rate for each unique location. This attention to detail reduces the number of field days, resulting in substantially lower project costs.

Our tool box is full. We deploy with all the resources needed to conduct sustained diving operations. Tetra Tech heavily invests in its equipment to ensure that we have the best, most reliable systems with enough spares to maintain operations.

### Perfect Safety Record

Tetra Tech has no recordable accidents throughout nearly **two decades** and **4,000 hours** of high-risk UXO diving operations.



## Underwater UXO Program

Tetra Tech owns all the equipment and systems required to conduct scuba, surface supplied, and lightweight surface supplied diving operations.

### Our equipment

- Diver UW navigation tablets
- Underwater diver communication system
- Handheld analog underwater metal detectors
- Lift balloon systems with 2,000 pound lift capacity
- Inspection class ROV

### Operating depth limits

- Lightweight surface supplied – 60 feet (preferred system for port clearance)
- Scuba – 100 feet
- Surface supplied – 190 feet (with onsite chamber support)

## Operational Excellence on Every Project



### Ostrich Bay, Washington—Underwater munitions and explosives of concern (MEC) investigation at OU3 Marine

Tetra Tech divers investigated more than 900 targets over an area of 360 acres, recovering 235 MEC. All targets were 100 percent quality control and quality assurance (QC/QA) inspected with zero failures. Onsite disposal was conducted using the buried explosion module (BEM) within a Navy housing area. This is the only underwater site to achieve unlimited use/unrestricted exposure (UU/UE) designation by the U.S. Environmental Protection Agency. This project received exceptional interim and final CPARS ratings.



### Kanda, Japan—Underwater recovery of Japanese chemical weapons

The Government of Japan selected Tetra Tech to develop the technical approach and complex processes needed to safely recover World War II chemical munitions dumped in Kanda harbor. Tetra Tech's UXO divers investigated more than 700 targets and recovered 367 chemical munitions.



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