



US DEPARTMENT OF DEFENSE

# BLAST INJURY RESEARCH PROGRAM COORDINATING OFFICE

## Protective Equipment

### Sensor-Based Stabilized Remotely Operated Vehicle— Waterborne IED Identification and Neutralization

The Sensor-Based Stabilized Remotely Operated Vehicle is a remotely operated vehicle is designed to mitigate underwater explosive threats to US warships and infrastructure using a stabilized vehicle and precision manipulator. Sensor-Based Stabilized Remotely Operated Vehicle will serve to enhance US Navy EOD Diver situational awareness, and allow EOD Divers to stay out of the blast zone and interrogate explosive threats from a safe distance. JIDA RDT&E support for the Stabilized Remotely Operated Vehicle culminated in a successful demonstration of its vision enhancement and its motion-stabilized interrogation capabilities at the Patuxent River ONR Demonstration in September 2015.