

Spring 2018
IN-PROGRESS REVIEW
MUNITIONS RESPONSE (MR) PROGRAM AREA

 Potomac Institute for Policy Studies
 901 North Stuart Street, Suite 200
 Arlington, VA 22203

Tuesday, 15th May 2018

08:30	Convene/Opening Remarks	Herb Nelson MR Program Manager
08:35	MR-2645: Underwater Munitions Expert System for Remediation Guidance	Sarah Rennie Johns Hopkins University
09:20	MR-2732: Three-dimensional computational modeling of turbulent flow field, bed morphodynamics and liquefaction adjacent to munitions	Xiaofeng Liu Pennsylvania State University
10:00	Break	
10:15	MR-2733 : Probabilistic Environmental Modeling System for Munitions Mobility	Margaret Palmsten Naval Research Laboratory (NRL)
11:00	MR-2320: Long Time Series Measurements of Munitions Mobility in the Wave-Current Boundary Layer	Joseph Calantoni Naval Research Laboratory (NRL)
11:45	Lunch	
12:45	MR-2647: Parameterized Process Models for Underwater Munitions Expert System	Carl Friedrichs VIMS
13:30	MR-2729: Rapid Response Surveys of Mobility, Burial and Re-exposure of Underwater Munitions in Energetic Surf-Zone Environments and Object Monitoring Technology Development	Peter Traykovski Woods Hole Oceanographic Institution
14:15	Break	
14:30	Committee Discussion	
15:30	Adjourn	

Wednesday, 16 th May 2018		
08:30	Convene/Opening Remarks	Herb Nelson MR Program Manager
08:35	MR-2730: Unexploded Ordnance Characterization and Detection In Muddy Estuarine Environments	Arthur Trembanis University of Delaware
09:20	MR-2646: Advanced Magnetometer System	Rahul Mhaskar Geometrics
10:00	Break	
10:15	MR-2734: Augmented Co-Robotics for Remediation of Military Munitions Underwater	Andrew Stewart University of Washington Applied Physics Laboratory
11:00	Committee Discussion	
11:45	Lunch	
12:45	ESTCP Proposal Downselect Meeting	
16:00	Adjourn	

Thursday, 17 th May 2018		
08:30	Convene/Opening Remarks	Herb Nelson MR Program Manager
08:35	MR-2752: Next Generation Buried Object Scanning Sonar (BOSS) for Detecting Buried UXO in Shallow Water	Jason Sara EdgeTech
09:20	MR-2545: Sediment Volume Search Sonar Development	Daniel Brown Penn State University – ARL
10:00	Break	
10:15	MR-2649: Elastic Target Modeling for Physics-Based Automatic Classification	Lane Owsley University of Washington
11:00	MR-2505: Acoustic Response of Underwater Munitions near a Water-Sediment Boundary	Steven Kargl University of Washington
11:45	Lunch	
12:45	MR-2408: Finite Element Modeling of Scattering from Underwater Proud and Buried Military Munitions	Ahmad Abawi Heat, Light, and Sound Research, Inc.
13:30	Committee Discussion	
14:30	Adjourn	