

2007 Global Demilitarization Symposium & Exhibition



Grand Sierra Resort, Reno, NV
May 14-17, 2007
Event #7580



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AGENDA

This annual event continues to support the Department of Defense in numerous efforts directed at reducing the stockpile of excess and obsolete strategic, tactical, and conventional munitions. This agenda focuses on the global challenges and successes experienced in the disposition of energetic materials. Topics include ongoing disposal, resource recovery, recycling, and reuse programs (R3), sale of recovered demil products, research and development efforts, transitioning technologies, and the latest policy issues that affect this business.

Monday, May 14, 2007

5:00p.m. - 7:00p.m. Early Registration & Light Reception in Exhibit Hall

Tuesday, May 15, 2007

- 7:00a.m. Late Registration & Continental Breakfast**
- 8:00a.m. Call to Order/Welcome**
Mr. Larry Nortunen, Joint Ordnance Commanders Group (JOCG), Munitions Demil/Disposal Subgroup
- 8:10a.m. Keynote Introduction**
LTC Hardee Green, USA, Commander, Hawthorne Army Depot
- 8:20a.m. Keynote Address**
Mr. Jyuji Hewitt, Joint Munitions Command, Deputy to the Commander
- 9:00a.m. Advanced Planning Briefing to Industry**
LTC Brian Raftery, USA, Product Manager for Demilitarization
- 9:00a.m. Exhibit Hall Opens**
- 9:15a.m. OSD Perspective**
Mr. Jose Gonzalez, OUSD (Acquisition, Technology & Logistics)
- 9:30a.m. Break in Exhibit Hall**
- 10:30a.m. The Sale of Recyclable Munitions Material**
- Panel Chair: LTC Brian Raftery, PMDemil**
Panelists: Mr. Bruce Peterson, Ellwood Steels
Mr. Paul McDaniel, MCAAP
Mr. Barry Schafer, Demil Metals, Inc.
- 11:30a.m. James Q. Wheeler Memorial Video**

- 11:45a.m.** **NDIA John L. Byrd, Jr. Memorial Award for Excellence in Munitions Demilitarization**
Presented by:
 Mr. Jyuji Hewitt, Deputy Commander, JMC
 MG Barry Bates, USA (Ret), Vice President, Operations, NDIA
- 12:00 noon** **Lunch in the Exhibit Hall**
- 1:00p.m.** **Army Missile Demilitarization Program**
Mr. Larry Gunter, U.S. Army Aviation and Missile Command
- 1:20p.m.** **Demil Contract Status**
Mr. Wilfried Meyer, General Dynamics OTS
- 1:40p.m.** **Material Potentially Presenting an Explosives Hazard**
Mr. J.C. King, Office of the Deputy Assistant Secretary of the Army
(Environment, Safety and Occupational Health)
- 2:00p.m.** **JMC Demil Execution Update**
Mr. Rich Fuller, U.S. Army Joint Munitions Command
- 2:20p.m.** **Demil Development in NATO**
Mr. Peter Courtney-Green, NATO Maintenance and Supply Agency
- 2:40p.m.** **Break In Exhibit Hall**
- 3:10p.m.** **ICAP Update**
Mr. Ralph Hayes, El Dorado Engineering, Inc.
- 3:25p.m.** **Demil R&D IPT**
Mr. Larry Nortunen, U.S. Army Defense Ammunition Center
- 3:45p.m.** **Design For Demil IPT**
Mr. Gary Mescavage, U.S. Army Armament Research, Development and Engineering Center
- 4:05p.m.** **Ammunition Peculiar Equipment (APE) & US-ROK Demil Facility (DEFAC)**
Mr. Terry Hackett, Joint Munitions Command
- 4:25p.m.** **Pacific Theater Demil Program**
Mr. Jim Hale, U.S. Army Pacific Command
- 5:00p.m - 7:00p.m.** **Reception in Exhibit Hall**
- 7:00p.m.** **Exhibit Hall Closes**

Wednesday, May 16, 2007

- 7:00a.m. Late Registration & Continental Breakfast**
- 8:00a.m. Call to Order, JOCG Update**
Mr. Larry Nortunen, Joint Ordnance Commanders Group (JOCG),
Munitions Demil/Disposal Subgroup
- 8:10a.m. Munitions Items Disposition Action System (MIDAS)**
Mr. Steve Bormet, Argonne National Laboratory
- 8:30a.m. DDA's - Enforcers of the Military Munitions Rule**
Mr. Tony Livingston, Joint Munitions Command
- 8:50a.m. RCRA Subpart X oB/OD Facilities Permitting Initiative, DoD Perspective**
Dr. Randall Cramer, U.S. Navy
- 9:00a.m. Exhibit Hall Opens**
- 9:10a.m. Guidance Development for Permitting of Facilities Treating Energetic Wastes**
Ms. Stacy Braye, U.S. Environmental Protection Agency, Region IX
- 9:30a.m. Automating OB/OD RCRA Permit Applications**
Dr. George Thompson, Chemical Compliance Systems, Inc.
- 9:50a.m. Break in Exhibit Hall**
- 10:20a.m. - 12Noon Concurrent Sessions**

Time/	Session I-A	Session I-B
Session Chair	Mr. Rich Fuller HQ, U.S. Army Joint Munitions Command	Mr. Ray Goldstein, U.S. Army Armament Research, Development Engineering Center
10:20a.m.	Design and Implementation of a Cluster Bomb Unit (CBU) Demilitarization Line Dr. David Grymonpre General Dynamics-OTS	Ultrasonic Fragmentation of Cast Energetic Materials Mr. David Emery, Armament Research, Development Engineering Center
10:45a.m.	152MM Demil Synopsis Mr. Steven S. Smith Tooele Army Depot	Development of a Plasma Ordnance Demilitarization System for Pyrotechnic Ordnance Mr. Daniel Flynn, Armament Research, Development Engineering Center
11:10a.m.	Manufacturing Blasting Agent from Gun Propellants Update Mr. Kevin Hansen TPL, Inc.	Testing and Optimization of a Mobile Plasma Treatment System (MPTS) Mr. Francis Sullivan, Armament Research, Development Engineering Center
11:35a.m.	Demil Intent Ms. Debbie Sitton Day & Zimmerman, Hawthorne Corp.	Cryofracture Demilitarization Program Ms. Florence Delacruz, Armament Research, Development Engineering Center
12 Noon	Lunch in Exhibit Hall	Lunch in Exhibit Hall

1:20p.m. - 3:30p.m. Concurrent Sessions

Time/	Session II-A	Session II-B
Session Chair	Mr. Larry Gunter U.S. Army Aviation and Missile Command	Mr. Walt Wapman Sandia National Laboratories
1:20p.m.	Spartan Motor Demilitarization Mr. Jeff Lee, Aviation and Missile Research Development and Engineering Center	Overview of Sandia National Laboratories Robotic Demil Projects Mr. Walt Wapman, Sandia National Laboratories
1:45p.m.	Thermal Destruction of Large Ballistic Missile Motors Mr. Chris Merrill CH2M-Hill	Microfluidic Reactors for the Controlled Growth of Sensitive Explosive Particles Mr. Michael Bartsch Sandia National Laboratories
2:10p.m.	White Phosphorus Demil Mr. Michael Garner General Atomics ISL	Demil Technology Development Projects at General Atomics Mr. Jim Elliott General Atomics
2:35p.m.	Army Missile Demil R&D Programs Mr. Jeff Lee, Aviation and Missile Research, Development and Engineering Center	Using Waterjets to Safely Process MPPEH Dr. Paul Miller Gradient Technology
3:00p.m.	Break in Exhibit Hall- Last Chance to View Exhibits!!!	
3:30p.m.	Exhibits Close	

3:30p.m. - 5:05p.m. Concurrent Sessions

Time/	Session III-A	Session III-B
Session Chair	Mr. Orest Hrycak Office PM Demil	Mr. Josh Geary Naval Surface Warfare Center, Crane Division
3:30p.m.	Small Ammunition Pull Apart Machine (SPAM) Mr. Mike Houser Tooele Army Depot	Dielectric Meltout Pilot Plant Mr. Ralph Hayes El Dorado Engineering, Inc.
3:55p.m.	Ammunition Destruction Mr. Paul Grimsley NABCO, Inc.	Recovery of High-Value Magnesium from Illuminating Flares Mr. Brent Ochs Naval Surface Warfare Center, Crane Division
4:20p.m.	APE 2048 Metal Parts Flashing Furnace for Bluegrass Army Depot, KY Mr. Brent Hunt Tooele Army Depot	Steps in the Evolution of a 60-mm Cutting System Dr. David Summers University of Missouri, Rolla
4:45p.m.	Contained Burn Tactical Demil Demonstration (TADD) Mr. Ralph Hayes El Dorado Engineering, Inc.	HMX Requalification Dr. Randal Johnson TPL, Inc.
5:05p.m.	Adjourn for the Day	

Thursday, May 17, 2007

7:00a.m. Continental Breakfast

8:00a.m. - 9:35a.m. Concurrent Sessions

Time/	Session IV-A	Session IV-B
Session Chair	Dr. Solim Kwak Defense Ammunition Center	Mr. Tony Livingston Joint Munitions Command
8:00a.m.	Waste Treatment Using Molten Salt Oxidation Technology Mr. Tim Rivers MSE	Retention of Pb from Polluted Water by Using Industrial By-Products Ms. Emma Nehrenheim Malardalen University
8:25a.m.	SAIC's Munitions Residue Inspection System Ms. Karen Shaw SAIC	How Clean is Safe Mr. Ron Westmorland Tennessee Valley Authority
8:50a.m.	Perchlorate Recovery and Treatment Technologies Mr. Edward Coppola ARA	Ecotoxicological Assessment of Anaerobic Bioremediation of Sludge Contaminated by the Explosive 2,4,6-trinitrotoluene (TNT) Ms. Veronica Ribe Malardalen University
9:15a.m.	Microbial Degradation of Explosives in a Bio-reactor Dr. Monica Odlare Malardalen University	The Cryofracture Demilitarization Process: An Evolving Technology Mr. John Follin General Atomics
9:40a.m.	Break	

10:10a.m. - 11:45a.m. Concurrent Sessions

Time/	Session V-A	Session V-B
Session Chair	Mr. James Bracey Hill Air Force Base	Mr. Chris DiLorenzo Defense Ammunition Center
10:10a.m.	Overview of Worldwide Demilitarization Activities Using Dynasafe Detonation Chambers Mr. Harley Heaton UXB International	Data Quality Issues With Detonation Product Monitoring Dr. Eric Erickson Naval Air Warfare Center, China Lake
10:35a.m.	Current Status of Transportable Controlled Detonation Chambers Offered by CH2M HILL Mr. Jay Quimby CH2M Hill	The Health Risk Assessment for Treatment of Explosive Hazardous Waste by Open Detonation at China Lake, CA Ms. Lauren Zellmer Naval Air Weapons Station
11:00a.m.	Installation and Operation of a Portable Thermal Destruction Chamber (PTDC) to Demilitarize Assorted Small Arms Ammunition (.50-Caliber And Less) Mr. Shahrukh Kanga PIKA International	Instantaneous Detection of Particles Liberated by OBOD Treatments using Single Particle Aerosol Mass Spectrometry Dr. David Fergenson Lawrence Livermore National Laboratory
11:25a.m.	Co-Fire Incineration Mr. Dave Kautz Wyvern Group	Open Detonation: Metal Emissions Phase I Mr. Eric Gogley Naval Air Warfare Center, Weapons Division
11:50a.m.	Lunch	

1:20p.m. - 3:00p.m. Concurrent Sessions

Time/	Session VI-A	Session VI-B
Session Chair	Ms. Elena Graves Defense Ammunition Center	Mr. Aaron Williams Defense Ammunition Center
1:20p.m.	Thin-Layer Chromatography a Field Technique for Propellant Stabilizer Analysis and Explosives Mr. Rich Whipple Lawrence Livermore National Laboratory	Risk Assessment for Demil Operations Mr. Brian Henneberry Defense Ammunition Center
1:45p.m.	Propellant Conversion to Fertilizer Mr. Nand Kaushik Arc Tech, Inc.	Successful Integration of Hazards Analysis Methodology into the Design, Startup, and Operation of a Cryofracture Demilitarization Facility Mr. Jason Howe Safety Management Services, Inc.
2:10p.m.	Advances in Propellant Stability Screening and Detection of Explosives Dr. Thomas DeAngelis SAIC	Risk Based Siting Process For Ordnance Removal Operations Utilizing Safety Assessment for Explosive Risk Mr. David Douthat Environmental Chemical Corp.
2:35p.m.	Fielding of Thin-Layer Chromatography Propellant Stability Test Kit Ms. Wendy Church PIKA	Explosive Harvesting System Mr. Roger Hess Golden West Humanitarian Foundation
3:00p.m.	Break	

3:30p.m. - 5:10p.m. Concurrent Sessions

	Session VII-A	Session VII-B
Session Chair	Mr. Gary Mescavage, Armament Research, Development Engineering Center	Mr. Greg Olson Defense Ammunition Center
3:30p.m.	Recovery and Reuse of Core Ingredients from Decommissioned/Obsolete Gun Propellant Dr. Nese Orbey Foster-Miller, Inc.	Processing Range Residue at the Former Vieques Naval Training Range (VNTR), Puerto Rico Utilizing Size Reduction/Crusher Technology Mr. Shahruxh Kanga PIKA International
3:55p.m.	Destruction of Old Chemical Bombs using DAVINCH at Kanda Mr. Yutaka Inada Kobe Steele, Ltd.	CH2M HILL Process & Procedures for Demilitarization and Recycling of Practice Bombs at Utah Test and Training Range Mr. Kevin Lombardo CH2M Hill, Inc.
4:20p.m.	Destruction Test for M55 Nerve Agent Rocket Mortar using Surrogate Chemicals by DAVINCH Dr. Tsuyoshi Imakita Kobe Steele, Ltd.	Post-War Ammunition Stockpile Recovery Mr. Erik Lauritzen NIRAS DEMEX
4:45p.m.	Joint Session	
5:10p.m.	Symposium Adjourns	



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