2006 Global Demilitarization Symposium & Exhibition

Indianapolis Convention Center
Indianapolis, IN
Event #6580
AGENDA
2006 Global Demilitarization Symposium & Exhibition
Event #6580

Monday, May 1, 2006

10:00am-4:00pm Exhibitor Move in and Registration
5:00p.m. -  Early Registration & Light
7:00p.m. Reception in Exhibit Hall

Tuesday, May 2, 2006

7:00a.m. Late Registration & Continental Breakfast

8:00a.m. Welcome
Mr. Don Schulte, Naval Surface Warfare Center, Crane Division

8:10a.m. Call to Order/Welcome
James Wheeler, Chairman, NDIA Demilitarization Committee

8:20a.m. Keynote Introduction
COL Todd Smith, Crane Army Ammunition Activity

8:30a.m. Keynote Address
BG James Rogers, CG, Joint Munitions Command

9:00a.m. Materials of Evolving Regulatory Interest Team
Ms. Shannon Cunniff, OSD

9:00a.m. Exhibits Open

9:30a.m. Break In Exhibit Hall

10:30a.m. Advanced Planning Briefing to Industry
LTC Brian Raftery, Product Manager for Demilitarization
Tuesday, May 2, 2006

11:00 a.m. ICAP Update
Mr. Ralph Hayes, El Dorado Engineering Inc.

11:20 a.m. JMC Demil Execution Update
Mr. Lou Ligeno, Joint Munitions Command

11:40 a.m. JOCG/NDIA JOHN L. BYRD, Jr.
MEMORIAL AWARD FOR ECELLENCE IN MUNITIONS DEMILITARIZATION
Presented by: BG James Rogers, JMC;
Mr. James Wheeler, Chairman, NDIA Demilitarization Committee
Lt Gen Lawrence P. Farrell Jr.
USAF (Ret), President and CEO, NDIA

12:00 Lunch in the Exhibit Hall

1:00 p.m. Army Missile Demilitarization Program
Mr. Larry Gunter, U.S. Army Aviation and Missile Command

1:20 p.m. Demil Contract Status
Mr. Wilfried Meyer,
General Dynamics OTS

1:40 p.m. US-ROK, Joint Munitions Demil Facility (DEFAC)
COL Ki-Soo Lee, Ministry of National Defense, ROK

2:00 p.m. Coalition Munitions Clearance Ordnance Demil
Mr. Wayne Shaw, U.S. Army Corps of Engineers

2:20 p.m. Demil Development in NATO

2:40 p.m. Break In Exhibit Hall

3:10 p.m. JOCG Environmental
Ms. Lois Bohne, Naval Ordnance Safety Security Activity
**Tuesday, May 2, 2006**

3:30 p.m. Material Potentially Presenting an Explosive Hazard (MPPEH)
Mr. Samuel Dallstream, HQDA

3:50 p.m. Design For Demil IPT
Mr. Gary Mescavage, U.S. Army ARDEC

4:10 p.m. Demil R&D IPT
Mr. Larry Nortunen, Defense Ammunition Center

4:30 p.m. Ammunition Peculiar Equipment (APE)
Mr. Terry Hackett, Joint Munitions Command

4:50 p.m. CAAA/NSWC Crane Demil Tour Overview
Mr. John Langraf, CAAA Business Manager

5:00 p.m. - Reception in Exhibit Hall
7:00 p.m.

7:00 p.m. Exhibit Hall Closes

**Wednesday, May 3, 2006**

7:00 a.m. Late Registration & Continental Breakfast

8:00 a.m. Call to Order, JOCG Update
Mr. Jim Wheeler, Chairman,
NDIA Demilitarization Committee

8:10 a.m. DDA’s - Enforcers of the Military Munitions Rule
Mr. Tony Livingston, Joint Munitions Command

8:20 a.m. How Clean is Safe
Mr. Rick Almond, Tennessee Valley Authority

8:30 a.m. NATO AC/326 Subgroup 5 (Logistic Storage and Disposal) Activities
Dr. Jerry Ward, DDESB

8:50 a.m. Pacific Theater Demil Program
Mr. Jim Hale, USARPAC
Wednesday, May 3, 2006

9:00a.m.  Exhibit Hall Opens

9:10a.m.  Munitions Items Disposition Action System (MIDAS)
          Mr. Tyrone Nordquist, Defense Ammunition Center

9:30a.m.  MACS Identification of Chemicals of Concern
          Dr. George Thompson, Chemical Compliance Systems, Inc.

9:50a.m.  Break in Exhibit Hall

Following Sessions A and B are Concurrent with one another for the remaining time of the Symposium

Sessions A will be held in Sagamore Ballroom 5
Sessions B will be held in Sagamore Ballroom 6
Wednesday, May 3, 2006

**Session I-A  Sagamore Ballroom 5**
Session Chair, Mr. Rich Fuller, HQ, JMC

10:20a.m. Demilitarization Technologies - Past, Present and Future,
Mr. Hermann Tritsch and Mr. Michael Garner, Industriepark Spreewerk Lubben

10:45a.m. Operational Adaptability in Demil Engineering, Mr. Wilfried Meyer, General Dynamics

11:10a.m. Explosives Safety Aspects of Demilitarization, Mr. Lyn Little, Defense Ammunition Center

11:35p.m. A “Hands-on” Approach to Demilitarization Safety Program Management, Mr. Richard Witiak, General Dynamics-OTS

12:00 noon Lunch in Exhibit Hall

**Session II-A  Sagamore Ballroom 5**
Session Chair, Mr. Larry Gibbs, PM Joint Services

1:20p.m. Second Generation On-Line DEMIL Database Enhancements and Upgrades,
Mr. Robert Sontheimer, General Dynamics OTS

1:45p.m. Using MACS to Quantify Your ISO 14001 EMS, Dr. George Thompson, Chemical compliance Systems, Inc.

2:10p.m. A Great Demil Success Story - Innovative Reuse of JA2 Propellant, Ms. Monika Curcione, General Dynamics

2:35p.m. Small Arms Brass Recycling and Reclamation, Mr. Brent Hunt, Ammunition Equipment Directorate

3:00p.m. Break in Exhibit Hall Last Chance to View Exhibits!!!
3:30p.m. Exhibits Close
Wednesday, May 3, 2006

**Session I-B**  Sagamore Ballroom 6
Session Chair, Mr. Jim Hurley, Northrop Grumman

10:20a.m.  Update on Demil Technology Development Projects at General Atomics,
Mr. James Elliott, General Atomics

10:45a.m.  Treatment Technologies For Perchlorate-Containing Effluents,
Mr. Edward Coppola,
Applied Research Associates

11:10a.m.  Dynasafe Confined Detonation Chambers - A New Tool for High Production Rate, Environmentally Sound, Low Cost Demil,
Mr. Harley Heaton, UXB International Inc.

11:35a.m.  Kvg-16 Industrial Detonation Chamber For Disposal Of Pyrotechnic Munitions, Dr. Marcel Hanus, OZM Research, Czech Republic

12:00       Lunch in Exhibit Hall

**Session II-B**  Sagamore Ballroom 6
Session Chair, Mr. Walt Wapman, SNL

1:20p.m.  Robotic Assembly of Three-Dimensional Heterogeneous MEMS Devices, Mr. James Jones,
Sandia National Laboratories

1:45p.m.  Molten Salt Oxidation Application in the Republic of Korea, Mr. Tim Rivers,
MSE Technology Applications, Inc.

2:10p.m.  Propellant Stabilizer Analysis by Thin-Layer Chromatography the Process of Fielding the Technology, Mr. Richard Whipple,
Lawrence Livermore National Laboratory

2:35p.m.  Point of Application Synthesis of Sensitive Explosive, Mr. Karl Wally, Sandia National Laboratories

3:00p.m.  Break in Exhibit Hall Last Chance to View Exhibits
3:30p.m.  Exhibits Close
Wednesday, May 3, 2006

Final Concurrent Session

**Session III-A  Sagamore Ballroom 5**
Session Chair, Mr. Tyrone Nordquist, DAC

3:30p.m.  Environmental Support for the General Dynamics Demil Team, Mr. Carl Christiansen, EASE, Inc.

3:55p.m.  Use of Liquid (Emulsion) Explosives for Bulk Disposal of Ammunition, Dr. Dov Herskowits, EMI, Isreal

4:20p.m.  Canister charge – The Problem with Old Munitions in the Stockpile, Mr. Joakim Hagvall, FOI- Swedish Defence Research Agency

4:45p.m.  Automated Tactical Ammunition Classification System (ATACS), Mr. Bruce Ramm, Defense Ammunition Center

5:05p.m.  Adjourn for the Day

Thursday, May 4, 2006

7:00am   Continental Breakfast

**Session IV-A  Sagamore Ballroom 5**
Session Chair, Dr. Solim Kwak, DAC

8:00a.m.  ActoDemil Propellant Conversion to Fertilizer, Mr. Nand Kaushik, ArcTech, Inc.

8:25a.m.  Particle Aerosol Mass Spectrometer (PAMS) for OB/OD, Dr. David Fergensen, Lawrence Livermore National Laboratory

8:50a.m.  Theoretical and Experimental Analysis of the Photo-Catalytic Degradation of Organic Molecules using Free-Base Porphyrins, Dr. Tom Collins, Oklahoma State University

9:15a.m.  Photocatalytic Destruction of TNT and RDX, Dr. James Harmon, Oklahoma State University

9:35a.m.  Break
Wednesday, May 3, 2006

Final Concurrent Session

Session III-B  Sagamore Ballroom 6
Session Chair, Mr. Ray Goldstein, U.S. Army ARDEC

3:30 p.m.  Recovery of Magnesium from Illumination Flares,
Mr. Ralph Hayes El Dorado Engineering Inc. and Stuart
Nemiroff, U.S. Army Armaments Res, Dev and
Eng Center

3:55 p.m.  Ultrasonic Fragmentation of Cast Energetic
Materials, Mr. David Emery, ARDEC and
Ms. Catherine Malins, TPL, Inc.

4:20 p.m.  Recovery and Reuse of Core Ingredients from
Decommissioned/Obsolete Gun Propellant,
Dr. Nese Orbey, Foster-Miller, Inc.

4:45 p.m.  Acid Digestion Process For Unexploded Ordnance,
Mr. Ed Groth, Battelle

5:05 p.m.  Adjourn for the Day

Thursday, May 4, 2006

7:00 a.m.   Continental Breakfast

Session IV-B Sagamore Ballroom 6
Session Chair, Mr. Dan Burch, NSWC Crane

8:00 a.m.  Structural Response, Munition Destruction
Capabilities and Environmental Testing Results for
a Large Controlled Detonation Chamber (CDC), Dr.
John Coffey, CH2MHILL

8:25 a.m.  Explosive D Processing Facility Transition, Mr. Ryan
Smith, Gradiant Technology

8:50 a.m.  Reuse of Gun Propellant as Flashless Powder for
Small Arms, Mr. Thane Morgan, TPL Inc.

9:15 a.m.  Validating the Performance of an Integrated
Waterjet Cutting Fixture, Dr. David Summers,
University of Missouri-Rolla

9:35 a.m.  Break
Session V-A Sagamore 5
Session Chair, Mr. Ed Ansell, DAC

10:05a.m. Closed Loop Processing of Energetics to Safely Eliminate Emissions, Mr. Brian Butters, Purifics ES Inc.

10:30a.m. Characterization of Particulate Emissions from Missile Motor Detonation Activities, Dr. Michael McFarland, Utah State University

10:55a.m. Permitting of Facilities Treating Energetic Wastes by Open Burn and/or Open Detonation, Ms. Stacy Braye, Environmental Protection Agency

11:20a.m. Pine Bluff Arsenal: Cleanup of White Phospherous Canisters, Mr. Shahrukh Kanga, PIKA International Inc.

11:45a.m. Lunch

Session VI-A Sagamore 5
Session Chair, Mr. Greg Olson, DAC

1:20p.m. Propellant Stability Screening Using the APE 1995 NIR Scanner for Demil and Surveillance Ops, Mr. Terri Haskins, Geo-Centers, Inc.

1:45p.m. Field Identification of Explosives Using Near Infrared and other Instrumented Techniques, Mr. Lewis Kansas, SIAC

2:10p.m. Demilitarization of Munitions Recovered From Burial Sites Using High Production Rate Confined Detonation Chambers, Mr. Harley Heaton, UXB Internationl

2:35p.m. Solutions To Demil/Disposal Challenges Demilitarization of Training Munitions and Range Residue, Mr. John Stine, UXB International, Inc.

3:00p.m. Break
Session V-B Sagamore 6
Session Chair, Mr. Aaron Williams, DAC

10:05a.m. Induction Heating of Munitions,  
Mr. Mike Johnson, NSWC Crane

10:30a.m. Transportable Flashing Furnace (TFF) Demonstration,  
Mr. Ralph Hayes, El Dorado Engineering Inc.

10:55a.m. Manufacturing Blasting Agent from Gun Propellants Update, Mr. Kevin Hansen, TPL Inc.

11:20a.m. Overview of the Robotic ADAM Projectile Download Workcell for the Munitions Cryofracture Demilitarization Facility and of a Robotic MLRS Warhead Download Workcell, Mr. Walter Wapman, Sandia National Laboratories

11:45a.m. Lunch

Session VI-B Sagamore Ballroom 6
Session Chair, Mr. Gary Mescavage, ARDEC

1:20p.m. Cryofracture Demilitarization Program, Mr. John Follin, General Atomics/Ms. Florence Elie, ARDEC

1:45p.m. The Cryofracture Demilitarization Process: An Evolving Technology, Mr. John Follin, General Atomics

2:10p.m. Testing and Optimization of a Mobile Plasma Treatment System (MPTS), Mr. Francis Sullivan, US Army ARDEC

2:35p.m. Development of a Plasma Ordnance Demilitarization System for Pyrotechnic Ordnance, Mr. Daniel Flynn, US Army ARDEC

3:00p.m. Break
Thursday, May 4, 2006

Final Concurrent Sessions

Session VII-A  Sagamore Ballroom 5
Session Chair, Mr. Josh Geary, NSWC Crane

3:30 p.m. Requalification of Recovered HMX in DoD and DOE formulations, Dr. Randy Johnson, TPL, Inc. and Dr. Kerry Clark, NSWC


4:20 p.m. Photocatalytic Destruction of Non-Stockpile Chemical Material Rinsate Solutions, Mr. Tony Powell, Purifics ES Inc.

4:45 p.m. MIDAS Technology Trees, Mr. Chris DiLorenzo, Defense Ammunition Center

Joint Session

5:10 p.m. Tour Information, Mr. John Landgraf

5:20 p.m. Closing Session, Mr. James Q. Wheeler

5:30 Symposium Adjourns
Thursday, May 4, 2006

Final Concurrent Sessions

Session VII-B Sagamore 6
Session Chair, Dr. Keith Clift, DAC

3:30 p.m. Missile Recycling Center, Mr. Jeff Wright, US Army Aviation and Missile Research Development and Engineering Center

3:55 p.m. Controlled Detonation “DAVINCH” for Chemical Weapon Destruction: A Further Report on Kanda Port Old Chemical Weapons Project in Japan, Mr. Joseph Asahina, Kobe Steel

4:20 p.m. Actual Application of the 2005 U.S. Army Regulation on Chemical Agents to DAVINCH, Mr. Ryusuke Kitamura, Kobe Steel

4:45 p.m. Arsenic treatment and its Behavior of the DA and DC Destruction Process Through DA VINCH Detonation Process, Mr. Tsuyoshi Imakita, Kobe Steel

Joint Session

5:10 p.m. Tour Information, Mr. John Landgraf

5:20 p.m. Closing Session, Mr. James Q. Wheeler

5:30 Symposium Adjourns
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