Joint Munitions Command (JMC) Overview
Conventional Ammunition Demil Program
Global Demil Symposium
8 December 2015

Mr. Rickey Peer
Chief, Ammunition Peculiar Equipment
(APE) & Demil Management Division
HQ, Joint Munitions Command
Overview

- HQ, JMC Demil Organization
- Demil Baseline
- Influences on Annual Demil Programs
- Fiscal Year (FY) 15 Conventional Ammunition Demil Review
- Demil Facility in Korea
- Challenges
Demil Planning Division
309-782--6015

Positions
- Analyst
- Organic Demil Planning
- Commercial Demil Planning
- APE Planning
- APE Planning
- Contract Support - 1

Demil Operations Division
309-782-1487/2307

Positions
- Organic Demil Team Lead
  - Site Manager
- Commercial Demil Team Lead
  - Site Manager
  - Site Manager
- APE Team Lead
  - APE Manager
  - APE Manager
  - APE Manager
- Munitions Evaluation & Disposition Team Lead
  - Evaluator
  - Evaluator
  - CP33 Intern
  - Contract Support - 2

Monthly Execution Report
Demil with a purpose:
- Reduces hazardous materials
- Annual reduction of ~$5.5M for inventory and inspection costs
- Rightsizes the footprint

Demil Stocks are over 32% of CONUS stockpile today and estimated at 45% by 2021
- 64K+ tons added to demil account annually

Challenges with increasing demil stockpile:
- Out-load readiness
- Storage efficiencies
- Influences ammunition footprint
Influences on Annual Demil Programs

- **The Bush Administration US Policy to demilitarize landmines**
  - To date 1,936,040 mines have been destroyed
  - Multi-year program completed by the FY 2014 deadline (WRSA-K stocks remain)

- **Demil of all bulk explosives without taggant directed**
  - Taggant allows the explosives to be detected and identified
  - All explosives without taggant that are not considered ‘devices’ have been destroyed

- **A ban on the use of Cluster Munitions is being considered by the United States (Oslo Treaty)**
  - Currently, there are 1.8M rounds totaling 136K short tons of cluster munitions in the B5A account
  - This quantity represents 28% of the demil stockpile
  - An additional 272K short tons remain in service accounts which would require disposal

- **A ban on the use of FASCAM Munitions is being considered by the United States (Ottawa Convention)**
  - A total of 32K short tons are currently in the B5A account
  - This represents 6% of the demil stockpile
  - An additional 19K short tons remain in the service accounts

- No additional funding was provided to complete the landmine campaign or untagged plastic explosives effort
### FY2015 Generations

<table>
<thead>
<tr>
<th>Demil Stockpile</th>
<th></th>
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<tbody>
<tr>
<td>Army</td>
<td>19,068</td>
</tr>
<tr>
<td>Navy</td>
<td>4,489</td>
</tr>
<tr>
<td>Air Force</td>
<td>12,037</td>
</tr>
<tr>
<td>Marines</td>
<td>798</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>36,392</strong></td>
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</tbody>
</table>

482,125 tons  
(10.9% decrease from the beginning of FY 2015)

<table>
<thead>
<tr>
<th>34,692 tons</th>
<th>On site transfer</th>
</tr>
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<tbody>
<tr>
<td>1,701 tons</td>
<td>Relocation</td>
</tr>
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</table>

Projected generations for FY16: 39K tons
Joint Munitions Command
Demil Facility (DEFAC) Korea

Purpose
- Conventional Ammo Demilitarization
- Utilized by both Korea and US
- Central Korea Location (Hwang-gan)

United States-Republic of Korea (US-ROK) Agreement

Status
- Memorandum Of Agreement (MOA) signed 2003
- MOA/MLSA-IA signed 04 Nov 2011
- MOA Termination 10 Feb 2017

Benefits
- Savings in Retrograde Costs for US
- Lower Labor Rates than CONUS
- Korea obtains State-of-the-Art Facility

Equipment

Flashling Furnace

Autoclave Meltout

Capability
- Melt-out and Recovery of Explosive
- Incineration (ROK equipment)

Total US Production to date (7/10/2015)
- 81,624 D680, 8” HE projectiles (melt-out)
  - 8,523 short tons
- 983,894 artillery fuzes (incineration)
  - 1,640 short tons

Campaigns (As of 10 July 15)
- US Munitions: Aug/12 – Oct/12 – 6,304 projectiles
- ROK Munitions: Nov/12 – Apr/13 – 23,215 projectiles
- US Munitions: May/13 – Oct/13 – 21,732 projectiles
- ROK Munitions: Nov/13 – Jun/14 – 34,722 projectiles
- ROK Munitions: Jul/15 – May/16 – 46,900 projectiles
- US Munitions: Jun/16 – Feb/17 – 38,136 projectiles

Ready – Reliable – Lethal! Ammo Strong!!
Challenges

- Execute balanced program
- Integrate demil into the Army’s readiness posture
- Maintain/increase funding levels
- Execute steady state programs
- Transition new technologies
- Leverage opportunities
Questions?