



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

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HQ, Joint Munitons 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



HQ, JMC Demil & APE Organization



Demil Planning Division

309-782--6015

Positions

Analyst

Organic Demil Planning

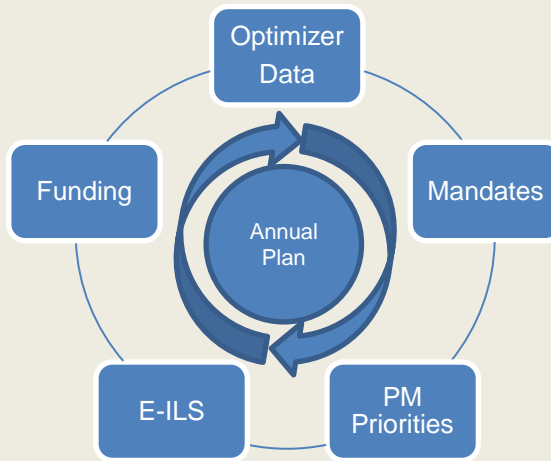
Commercial Demil Planning

APE 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

Site Manager

APE Team Lead

APE Manager

APE Manager

APE Manager

Munitions Evaluation & Disposition Tem Lead

Evaluator

Evaluator

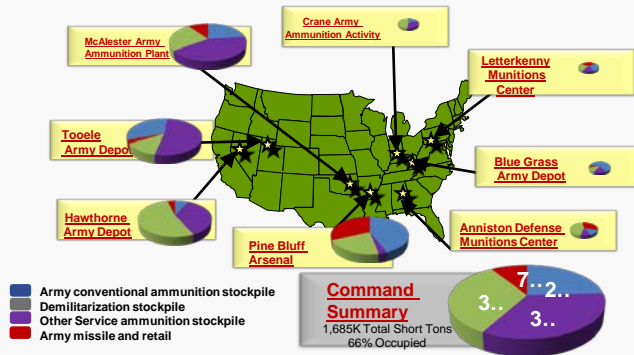
CP33 Intern

Contract Support - 2



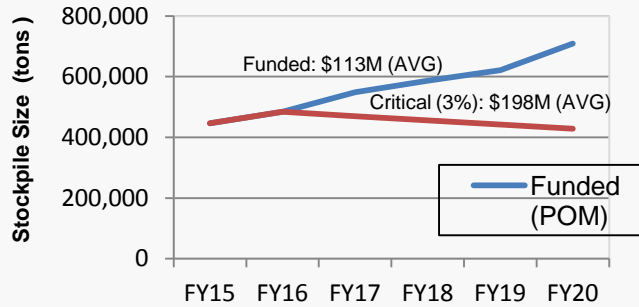


Joint Munitions Command Demilitarization Baseline



- **Demil with a purpose:**
 - Reduces hazardous materials
 - Annual reduction of ~\$5.5M for inventory and inspection costs
 - Rightsize the footprint

Demil Funding Stockpile Impact



Conventional Demil Account [1800]

- **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



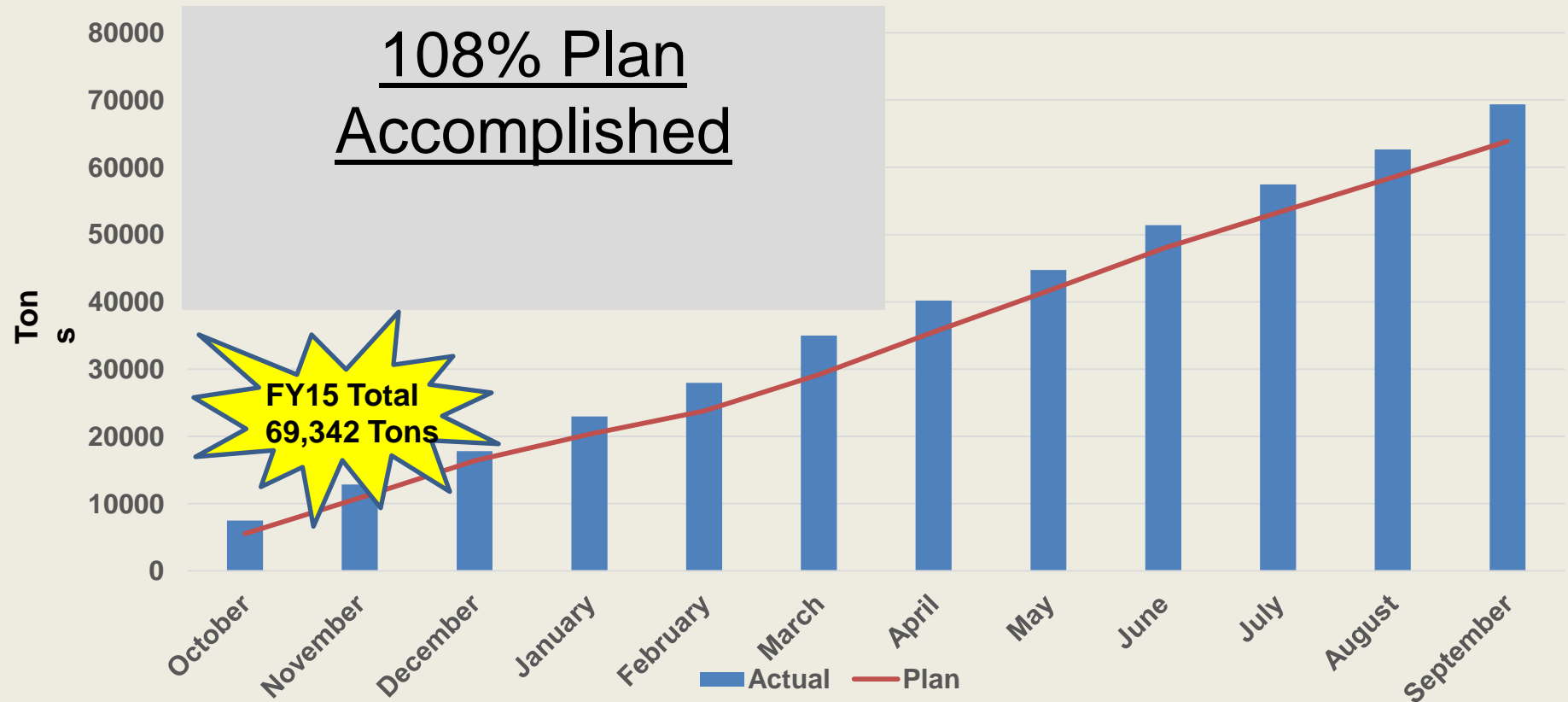
Influences on Annual Demil Programs



- **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 Accomplishments





FY2015 Generations



Army	19,068
Navy	4,489
Air Force	12,037
Marines	798

Total	36,392
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Demil
Stockpile

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

34,692 tons
1,701 tons

On site transfer
Relocation



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

Flashing 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
- US Munitions: Jul/14 – Jun/15 – 53,588 projectiles
- ROK Munitions: Jul/15 – May/16 – 46,900 projectiles
- US Munitions: Jun/16 – Feb/17 – 38,136 projectiles



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**



U.S. ARMY



Questions?