Munitions Executive Summit
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PM Panel Discussion

Presented by:
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DPEO Ammunition
ASA(ALT) Organization

Office of the Assistant Secretary of the Army
(Acquisition, Logistics and Technology)
Develop, equip, and sustain lethal armament and protective systems enabling joint warfighter dominance

Single Manager for Conventional Ammunition
Continuous Performance Improvement
PEO Ammo Status for FY15

Level 5 Mature Organization
with training/certification performed locally

LSS
$68.433M
FY15
(8 GB projects)

VE
$32.6M
FY15
(4 projects)

BBP
$783.2M
FY15

LSS
$305.45M
since 2010

VE
$183.4M
since 2010

BBP
$5.69B
since 2011
Across 183 initiatives

36% LSS certified, 60% trained

CPI inculcated throughout PEO & ARDEC Organizations
PEO Ammo Focus Areas

**Flares & Signals**

**Near-term:**
- Defeating increased threats to aircraft
- Environmentally friendly materials

**Mid-term:**
- Defeating advanced aircraft threats
- Lighter and more tunable countermeasures (multi-purpose)

**Long term:**
- Fully tunable effects (user selectable)

**Artillery & Mortars**

**Near Term:**
- Fielding light-weight weapons / Precision ammunition
- Producing High Explosive (HE) rounds with insensitive munition fills
- Compatibility with M-Code GPS

**Mid-term:**
- High Explosive Guided Mortar (HEGM)
- Light-weight digital fire control
- Longer range through ammo improvements
- Increased lethality for 155mm (cluster munition replacement)

**Long-term:**
- Longer range through weapon upgrades

**Tank Ammo**

**Near-term:**
- Advanced KE and AMP

**Mid-term:**
- DU alternates

**Long-term:**
- Guided extended range for advanced targets

**Small Cal**

**Near-term:**
- OWL and ADVAP

**Mid-term:**
- Lighter weight ammo

**Long-term:**
- Extended range guided with user tunable effects
- “Trace” capability in smart sight on the weapon vs. on the round
- “Ammo on demand” - user has the capability to “produce” the ammo as needed.

**Artillery & Mortars**

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**Demolitions:**

**Near-term**
- Improving producibility of Modernized Demolition Initiators (MDI) components (i.e., blasting cap)

**Mid-term**
- More portable and modular components
- Reducing collateral damage
- Developing more IMX compliant items

**Long-term**
- Non-kinetic neutralization of explosives from standoff.
PEO Ammo Focus Areas (cont.)

**Medium Caliber**
Near-term:
- Increased lethality through warhead and round design
Mid-term:
- Extended range and guidance
Long-term:
- Collaborative/swarming effects
- “Ammo on Demand”

**Non-Lethal**
Near-term:
- Improvements to the 40mm and 12 ga ammunition
Mid-term:
- More covert and passive marking of targets
Long-term:
- Integrated lethal and non-lethal effects and non-kinetic engagement

**Shoulder Launched**
Near-term:
- Development of IAM
Mid-term:
- Fielding of IAM
Long-term:
- Longer range defeat of advanced targets

**Area Denial**
Near-term:
- Spider (all increments)
Mid-term:
- Family of Scatterable Mines (FASCAM)
Long-term:
- Remote/autonomous emplacement and scalable effects - Gator Landmine Replacement Program (GLMR)

**Counter Explosive Hazard (CEH)**
Near-term:
- Development of autonomous operations (AMDS)
Mid-term:
- Greater speed and standoff for detection marking and lower cost technologies
Long-term:
- Detection and non-kinetic neutralization of explosives from standoff

**Grenades**
Near-term:
- Benign smoke & fuze/primer upgrades
Mid to long term:
- Dual use lethal/stun grenade and multi-smoke grenades
Long-term:
- Non-kinetic effects and lighter weight
At the End of the Day...

We’re Meeting Joint Warfighter’s Needs!