NDIA Munitions Executive Summit PM Panel

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Deputy Project Manager

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Equipping US and Allied Warfighters with World Class Direct Fire Combat and Training Ammunition Through Strategic Life Cycle Management
Support to Warfighter

- New Rounds Fielded in FY11
  - 5.56mm Enhanced Performance Round (EPR)
    - Performance Improvement - Army Top 10 - Packard Award

- New Rounds/Technologies in FY12/13
  - 5.56mm EPR Tracer
  - 5.56mm M1037 SRTA
  - 7.62mm M80A1 “EPR”
    - Performance improvement
  - 30mm M789 Improved Propellant
    - Safety/Performance improvement
  - 105mm M724A2 TPFSDS-T
  - 120mm Advanced Case System & Improved Propellant
    - Safety improvements

### Deliveries: FY11

<table>
<thead>
<tr>
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<th>Quantity</th>
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<tbody>
<tr>
<td>Small Caliber</td>
<td>1,448,008,348</td>
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<tr>
<td>Medium Caliber</td>
<td>14,017,163</td>
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<tr>
<td>40mm</td>
<td>13,605,404</td>
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<tr>
<td>Large Caliber</td>
<td>130,362</td>
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<td>NSA</td>
<td>225,376,781</td>
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<td><strong>Total</strong></td>
<td><strong>1,691,138,051</strong></td>
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DISTRIBUTION STATEMENT A: Approved for Public Release; distribution unlimited.
S&T Priorities

**Small Caliber**
(Enable Dismount Fight)
- Lightweight Cases / Ammo
- Day / Night Low-Observable Trace

**Medium Caliber**
(More Effectiveness - Increase Training Realism)
- 30/40mm Air Burst Capability
- 40mm Non-Dud Producing Technology

**Large Caliber**
(Maintain Overmatch)
- DU Replacement Technology
- Advanced Multi-Purpose Capability
PM-MAS Business Opportunities

**FY12/FY13 Major Competitions**

- **LCAAP-$8.4B (FY13-22)**
  - Requirements/IDIQ/Facilities

- **Non Standard Ammo $250M (FY12-17)**
  - BOA/IDIQ orders

- **40mm Non-Dud Producing - $49M (FY13-14)**
  - Multiple FFP Contracts w/option

- **.300 WinMag - $26M (FY14-18)**
  - Requirements

- **40mm Non Recurring Engineering - $25M (FY13-18)**
  - Multiple Award IDIQs

**Other Competitions**

- **PA 125 cans-$11.5M**
- **.38 Cal & .45 Cal - $7M**
## Industrial Base Challenges

### Challenges:

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<th>Small Caliber</th>
<th>Medium Caliber</th>
<th>Large Caliber</th>
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<tr>
<td><strong>Challenges:</strong></td>
<td>Maintain LCAAP &amp; Second Source</td>
<td>Maintaining a minimum of two Sources in cost effective manner</td>
<td>Maintaining two sources in cost effective manner</td>
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<td>Support EPR &amp; Leaded Production</td>
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<td>Can we keep Depleted Uranium (DU) Base?</td>
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<tr>
<td><strong>- RIFLE -</strong></td>
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<td><strong>- CANNON CALIBER -</strong></td>
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<td><strong>- 105/120mm -</strong></td>
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<td><strong>- PISTOL -</strong></td>
<td><strong>- 40mm GRENADE -</strong></td>
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<td>Be ready to accommodate new calibers</td>
<td>Switch focus to Training Ammo &amp; NDP</td>
<td>Maintain Pyrotechnic Base</td>
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### Outlook:

1. Base will have to shrink
2. Looking for innovative way to keep & address 40mm Pyro and DU Base