2011 NDIA Munitions Executive Summit

PM Panel

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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 the Warfighter

- New Rounds/Technologies Fielded in FY10
  - 5.56mm Enhanced Performance Round (EPR)
    - Performance Improvement
  - .300 WinMag
    - New Capability
  - 7.62mm Short Range Training Ammunition (SRTA)
    - New Capability
  - 40mm M992 IR Illuminating
    - New Capability

- New Rounds/Technologies in FY11/12
  - 5.56mm EPR Tracer and 4/1 for M249
    - Performance Improvement
  - 5.56mm SRTA
    - New Capability
  - 5.56mm Commercial Pack
    - Performance Improvement/Lower Cost
  - 7.62mm M80A1
    - Performance Improvement
  - 30mm M789 Improved Propellant
    - Safety/Performance Improvement
  - 120mm Advanced Case System
    - Safety Improvement

Deliveries:

<table>
<thead>
<tr>
<th>Caliber</th>
<th>Deliveries</th>
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<tbody>
<tr>
<td>Small Caliber</td>
<td>1,479,046,871</td>
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<td>Medium Caliber</td>
<td>13,772,204</td>
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<td>40mm</td>
<td>15,835,457</td>
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<td>Large Caliber</td>
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<td>NSA</td>
<td>91,487,000</td>
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<tr>
<td><strong>Total</strong></td>
<td><strong>1,600,278,277</strong></td>
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Acquisition Challenges

- Affordability Mandates
  - Tradeoff Analysis – Required for Milestones
- Acquiring Data Rights to Sustain Competition
- Promoting Competition During Development
- Portfolio Management to Reduce Redundancy

Challenge To Accomplish On Time and on Budget
S&T Priorities

- **Small Caliber**
  (Enable dismount fight)
  - Lightweight Cases / Ammo
  - Day / Night Low-Observeable Trace
  - Advanced Armor-Piercing

- **40mm Grenade**
  (Increase training realism)
  - Non-Dud Producing Technologies

- **Large Caliber**
  (Maintain Overmatch)
  - DU Replacement Technologies
Conventional Funding Over Time

Program Dollars ($M)

<table>
<thead>
<tr>
<th></th>
<th>FY06</th>
<th>FY07</th>
<th>FY08</th>
<th>FY09</th>
<th>FY10</th>
<th>FY11</th>
<th>FY12</th>
<th>FY13</th>
<th>FY14</th>
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<td>Large Cal</td>
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<td>$217</td>
<td>$380</td>
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FY 06-10 AVG = $1,355M

FY 11-14 AVG = $820M

39% Decrease
PM-MAS Business Opportunities

FY11 Major Competitions
- Small Caliber Second Source
- 7.62mm Armor piercing, M993
- 120mm Tank Training, M865 and M1002
- Non Standard Ammunition – BPAs

FY12 Major Competitions
- Lake City Army Ammunition Plant – award planned
  1 Oct 12
- 30mm PGU-15 and PGU-13
- 25mm M910, M793 and PGU-23
- 30mm M788

Misc. Competitions
- 5.56mm AP
- 5.56mm M1037
- 7.62mm SRTA
- 9mm Ball
- 30mm Mk239
- 105mm M1040

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