Single Manager for Conventional Ammunition (SMCA)
Est. 1977

SMCA Objective:
Achieve the highest possible degree of effectiveness and efficiency in the DoD operations required to acquire conventional ammunition and integrate logistics functions for U.S. Forces

DoDD 5160.65 (dated 1 Aug 08) [Apr 04]
Single Manager for Conventional Ammunition (SMCA)

- Assigns Sec Army the SMCA Mission
- Establishes SMCA Objectives
- Requires a SMCA Charter
- Requires a SMCA Executor
- Requires an Executive Director for Conventional Ammunition (EDCA)
- Defines Conventional Ammunition & SMCA Assigned/Service Retained Ammunition

DoDI 5160.68 (dated 29 Dec 08) [Dec 03]
SMCA: Responsibilities of the SMCA and Military Services

1. RDT&E (Transition in time for first FRP contract)
2. Acquisition
3. Production Base
4. Supply
5. Maintenance
6. Demilitarization
7. Technical Data & Configuration Management
8. Transportation & Handling
9. Safety
10. Security
11. Financial Mgt & PPBE
12. Implementing Regulations
13. Personnel & Training
14. Quality Assurance
15. Security Assistance

AR700-90, Army Industrial Base Process, Jan 14 (Dec 04)

JOINT CONVENTIONAL AMMUNITION POLICIES AND PROCEDURES (JCAPPs)

• Guidance for execution of DODD 5160.65 & DoDI 5160.68 responsibilities
Single Manager for Conventional Ammunition (SMCA) Fiscal Outlook (FY14-20)

$M

OMA  Demil  Industrial Base  Army Ammo Hardware  Other Svs Ammo Hardware


Source: 16 Pres Bud dated Feb 2015
SMCA Customer Satisfaction Survey

- **Purpose:** To determine level of customer satisfaction and identify areas for improvement.
  - The survey consists of 5 categories, with a total of 23 questions
    - Transition – 2 questions (9%)
    - Production Base – 5 questions (22%)
    - Acquisition – 10 questions (43%)
    - Logistics – 5 questions (22%)
    - Customer Service – 1 question (4%)

- **Customer Base:** USAF, NAVAIR, NAVSEA, Marine Corps, SOCOM

- **FY14 Salient Results:**
  - Positive: Transition, Section 806, IPTs, Source Selection, Requisition
  - Needs Emphasis: Bomb Procurement & Production Planning

- **Overall Historical Trends:**
  - Positives: Section 806, IPTs, Customer Services, Requisition
  - Areas Improved: Procurement Acquisition Lead Time, Cost, Customer Funds
Conventional Ammunition Modernization Strategy

**LETHALITY**
The ability to kill or cause physical destruction (TRADOC Pam 525-3-1)

- The Soldier and the Squad are the centerpiece of the Army Equipment Modernization Strategy.
- Lethality is the main effort that guides development of key capabilities, and ensures operational overmatch in all operating environments.
- Ammunition is a key enabler that empowers and enables Soldiers and squads to maintain overmatch against any adversary in terms of lethality dominance in an ever-evolving threat environment.

<table>
<thead>
<tr>
<th>NEAR (FY17-21)</th>
<th>MID (FY22-31)</th>
<th>FAR (FY32-46)</th>
</tr>
</thead>
<tbody>
<tr>
<td>- Focus on efforts to increase lethality and range of current small and medium caliber ammunition</td>
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<tr>
<td>- Begin fielding the 120mm Advance Kinetic Energy cartridge</td>
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<tr>
<td>- RDT&amp;E for Small Caliber One Way Luminescence and Lightweight Small Caliber Ammunition</td>
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<tr>
<td>- RDT&amp;E for 40mm Low Velocity Increased Range Anti-Personnel and warhead improvements</td>
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<tr>
<td>- RDT&amp;E for Advanced Armor-Piercing and All Purpose tactical Cartridge for .50 Caliber</td>
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<tr>
<td>- Reduced Range Training Ammunition</td>
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<tr>
<td>- Focus on efforts Enhanced Lethality and extended range for Artillery and Mortar munitions and improved fuzing</td>
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<tr>
<td>- Begin fielding of 120mm Advanced Multi Purpose Tank cartridge</td>
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<tr>
<td>- Finalize requirements for handgun, sniper and counter</td>
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<tr>
<td>- RDT&amp;E for Artillery and Mortar Extended Range &amp; Lethality Improvements</td>
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<tr>
<td>- Begin Fielding the 120mm AMP Cartridge</td>
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<tr>
<td>- Begin Fielding the Individual Assault Munitions</td>
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<tr>
<td>- Begin Fielding Mobile Ammunition Processing facilities</td>
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<tr>
<td>- Begin next generation of breaching devices, counter mobility and demolitions.</td>
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<td></td>
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<tr>
<td>- Begin next generation counter defilade target engagement munitions</td>
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<tr>
<td>- Begin next major modernization effort for artillery, mortars and tank ammunition</td>
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</tbody>
</table>

**BCT CPR Critical Capabilities**

- Advanced Performance Ammunition
- Reduced Firing and Tracer Signatures
- Lightweight Ammunition
- 40mm Capabilities
- Individual Assault Munitions
- Smart Small Caliber Munitions
- Collective Training Ammunition
- Improved Indirect Munitions

**Endstate**
Brigade Combat Teams with unmatched Lethality, and Survivability capable of conducting Expeditionary Maneuver and Joint Combined Arms Operations in support of Unified Land Operations

**Current Strategy (LIRA-17)**
The Army will develop Leap-Ahead, Highly Lethal Ammunition for Soldiers & Future Combat Weapon Systems, and Modify existing Ammunition Systems to Meet Near Term Capability Gaps for Lethality, Precision and Overmatch. We will Reset and Sustain for the Current Fight and Divest Systems to Free up Critical Sustainment Resources. Continue to preserve the War Reserve and Ammunition Production Base and accept risk in training.

**Elements of Expeditionary Maneuver & Joint Combined Arms Operations...**
- Respond Globally
- Establish and Conduct Joint Combined Arms Operations
- Maintain Security
- Consolidate Gains

**Tenets of Army Operations...**
- Initiative
- Endurance
- Simultaneity
- Lethality
- Depth
- Mobility

**Warfighting Functions**
- Movement & Maneuver
- Fires
- Maneuver Support and Protection
- Conduct Engagement
PEO Ammunition FY15 Budget

PAA $1,056 M

WTCV $104.8 M

Other Services $678.2M

OPA $98.1 M

RDTE $153.8 M

OMA $5.1

Source: FY16PB-R
## SMCA Hardware FY16 PresBud FYDP by Ammunition Families (in $M)

*Data Source: B&P System PBD16 cycle, funding requirements for all SMCA services*

<table>
<thead>
<tr>
<th>Family</th>
<th>2016</th>
<th>2017</th>
<th>2018</th>
<th>2019</th>
<th>2020</th>
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<td>Industrial Base</td>
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<td>225</td>
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<td>Demil</td>
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<td>223</td>
<td>241</td>
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<tr>
<td>Tank Ammo</td>
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<td>Small Cal Ammo</td>
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<td>Other Ammo</td>
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<td>178</td>
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<td>Navy Gun</td>
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<td>Mortar Ammo</td>
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<td>Medium Cal Ammo</td>
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<td>Artillery Ammo</td>
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<td>Total PB16</td>
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<td>Total PB15</td>
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<td>2107</td>
<td>2197</td>
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Cumulative FMS Munitions Buys for FY14 Totaled $670M
PEO Ammo FY16 Obligations
Projected New Competitive Contract Awards
($ in Millions)

FY16 80%
PEO Ammo BBP Summary

162 Initiatives Across All BBP Focus Areas

- Achieve Affordable Programs
- Control Costs Throughout the Product Lifecycle
- Incentivize Productivity & Innovation in Industry and Government
- Eliminate Unproductive Processes and Bureaucracy
- Promote Effective Competition
- Improve Tradecraft in Acquisition of Services
- Improve the Professionalism of the Total Acquisition Workforce

$5.87B Savings & Avoidance

- Army Savings: $2,501, $260
- Army Avoidance: $1,121, $778
- Other Service (Avoidance): $306, $907

Savings & Avoidance By Year

BBP 3.0 to be Released
Ammunition Industrial Base
Strategic Analysis Study

OBJECTIVES:
1. Perform an independent assessment of the organic and commercial ammunition Industrial Base (IB)
2. Define and identify critical capabilities of the ammunition IB
3. Identify right-sized organic capacity and infrastructure to meet current, future and surge requirements
4. Develop recommendations and strategies on how to maintain and sustain critical ammunition production assets (skills, capabilities, and capacities) in a cost effective manner
5. Determine what capabilities should be maintained organic or within the commercial sector
6. Assess Government Owned Contractor Operated (GOCO) Army Ammunition Plant (AAP) installation management requirements and identify strategies to improve operations and reduce cost of ownership while balancing risk

SCHEDULE:
• Project Start: 26 Sept 14
• Final Report due: 10 Apr 15
• Brief-out to Ms. Shyu: 21 Apr 15
At the End of the Day...

We’re Meeting Joint Warfighter’s Needs!