Munitions Executive Summit
PM Acquisition Panel

PEO Ammunition:
PM Close Combat Systems

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Mission: Provide the Warfighter world-class close combat, force protection & assured mobility capabilities across full spectrum operations through professional, integrated Joint Life-Cycle Management.
PM Close Combat Systems

Project Manager
COL Steven F. Cummings

Dep Project Manager
Doreen Chaplin

Administrative Officer

Business Management

Principal Staff

PM IMS
PM Countermine & EOD
PM IED Defeat/Protect Force
Networked Munitions/Demolitions
Force Application
Pyrotechnics
Shldr-Launched Munitions & Special Projects

http://ccsweb.pica.army.mil
PM CCS Support to the Warfighter

- 299 IED Events to date (OEF)
- 116 IED Events to date (OND)

- M18 Smoke Grenades
- M72 LAW
- Rhino
- APOBS
- XM-7 Spider w/ Claymore; Shock Tube Initiation Capability (STIC)
- M67 Fragmenting Grenade

- IED Interrogation Arms (IA)
- Vehicle Optics Sensor System (VOSS)
- Cyclone Blower
- M211/M212 Countermeasure Flares
- Entry Control Point (ECP)
- Husky Mounted Detection System (HMDS)
- Non-Lethal Capabilities Set (NLCS)
- Convoy (4)
- Crowd Control / Detainee Ops (2)
- Dismount Ops (4)
- Taser (3)
- Checkpoint (4)

- AN/PSS-14 Mine Detecting Set
- M18 Smoke Grenades
- M211/M212 Countermeasure Flares
- Crowd Control / Detainee Ops (2)
- MICLIC on ABV
- M67 Fragmenting Grenade
S&T Priorities / Needs

- **N-L @ Extended Range**
  - N-L Effects @ 5 - 400m (Objective)
    - vs- current 10-30 m

- **Next Gen Hand Grenade**
  - Dual Mode; N-L or Lethal A-P effects
  - Component Miniaturization (MEMS)
  - MilStd-1911-compliant fuzing

- **Counter-IED Tech**
  - Xplo Detection @ Stand-Off
  - Neutralization @ Stand-Off

- **“Dial-a-Smoke” Grenade Device**
  - Unique Device to offer 2 Color options from 1 Signal Grenade
  - Consolidates 4 existing grenades to 2 new grenades

- **Shoulder-Launched Munition Trainer**
  - Cost-Effective and Realistic SLM training solution
  - Vice: 9mm @ $1 ea. or 21mm Rkt @ $90 ea. (!!!)

- **N-L Vehicle Stopper**
  - Immediate “STOP” of Medium Wt Vehicles
  - No lasting effect to Occupants or Vehicle - “Reversible”

- **I.N.S.**
Challenges

• Implementation of Dr. Carter Efficiencies
  – Reductions in government overhead
  – Greater, more candid interaction with industry counterparts
  – Competition and path to organic management
New Competitive Solicitations in FY11/FY12

• CCS Field Services

• Ammunition
  – Anti Personnel Obstacle Breaching System (APOBS)
  – M58 Mine Clearing Line Charge (MICLIC)
  – M142 Multi-Purpose Firing Device
  – M18A1 Claymore
  – M700 Time Blast Fuze
  – Handheld Signals - FY12
  – M10 Destructor - FY12

• OPA
  – Military Working Dogs (MWD)
  – Husky Mounted Detection System (HMDS)
  – Vehicle Optic Sensor System (VOSS) - FY12

• R&D
  – Spider II
  – Autonomous Mine Detection System (AMDS)
## Conventional Funding – Over Time

**Program Dollars ($M)**

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<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>
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**FY 06-10 AVG = $772M**

**FY 11-14 AVG = $637M**

17.5% Decrease