Office of Executive Director for Conventional Ammunition (O/EDCA)

2010 Munitions Executive Summit
O/EDCA and Navy

Relocation to Picatinny Arsenal
CAPT Jeff Horton, SC, USN
Integration of the O/EDCA with PEO AMMO/SMCA at Picatinny Arsenal

Office of the Executive Director for Conventional Ammunition (O/EDCA)
- Assessment, oversight and support of Single Manager of Conventional Ammunition (SMCA)

From Fort Belvoir

To Picatinny Arsenal

O/EDCA
- Assessment, oversight and support of SMCA
- Service Advocate (USAF/USN)

PM Joint Services
- Industrial Base Management
- Demilitarization
- Bombs and Energetics
- Technology and Prototyping
- Ammunition Logistics
- SMCA/Service Integration

Project Director, Joint Products
- Bombs and Energetics
- Navy Gun Ammunition
- Support of SMCA
- Service Advocate (USAF/USN)

Project Director, Joint Services
- Industrial Base Management
- Demilitarization
- Technology and Prototyping
- Ammunition Logistics
- SMCA/Service Integration
- Service Advocate (USA)
Project Director
Joint Services (USA)

- Coordinates program activities with the Acquisition Community, industry, Army and OSD Staffs. Responsible for the planning, programming, budgeting and execution of Army funding exceeding $2.2B over the POM 10-15. Act as Service representative for SMCA-related issues, advocate for efficiency and effectiveness across the Research Development Acquisition & Life Cycle Management Command arena and assist in assessment of overall SMCA execution. Performs Title X (Equipping) functions and is responsible for managing the following:
  - conventional ammunition & missile demilitarization programs for all of the DoD’s Armed Services
  - Production Base Support program; Industrial Base Strategic planning; implementation of Public Law 105-261, Section 806.
  - Ammunition Manufacturing Technology program
  - Ammunition logistics R&D

INCUMBENT: USA. Must be Acquisition Level III certified. Rated and Senior Rated by SMCA Executor (PEO Ammunition).

Project Director
Joint Products (USN / USAF)

- Coordinates program activities with the Acquisition Community, industry, Navy and Air Staffs, and OSD Staff. Accountable for the execution of Air Force and Navy resources exceeding $1.6B over the POM. Act as USN/USAF Lead Service Representative for SMCA-related issues, advocate for efficiency and effectiveness across the Research Development Acquisition & Life Cycle Management Command arena and assist in assessment of overall SMCA execution. Responsible for the acquisition planning and management of the following Air Forces and Navy Products:
  - General Purpose Bomb (500 lb, 1000 lb, 2000 lb) and Penetrator Bombs (2000 lb)
  - Bomb Fuzing (e.g. FMU-143)
  - Bomb Components including all training bombs;
  - Navy’s Gun (5”/54), 76mm, and 57mm tactical and training ammunition programs.

O/EDCA Deputy Executive Director for Conventional Ammunition (USAF / USN)

- Responsible for assessing the overall SMCA mission and oversight of the SMCA mission as it relates to joint service activities; assisting the EDCA in oversight of Joint Service activities; monitoring and assessing the execution of the SMCA mission functions; and maintaining SMCA performance metrics and publishing an annual SMCA performance report utilizing input from PEO and JMC. Act as USN/USAF Lead Service Representative for SMCA-related issues, advocate for efficiency and effectiveness across the Research Development Acquisition & Life Cycle Management Command arena and assist in assessment of overall SMCA execution. Assists with SMCA Mission.

INCUMBENT: Rotate between USAF and USN. Recommend acquisition certified.
Rated and Senior Rated by EDCA with LCMC input.
Munitions Executive Summit 2010

BRAC Implementation – Recommendation #186
Tech 0018B
Integrated Weapons and Armament Specialty Site for Guns & Ammunition at Picatinny Arsenal

Indian Head Division NSWC
Detachment Picatinny
Organizational Overview

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Integrated Weapons & Armaments Specialty Site for Guns & Ammunition

Move Gun and Ammo RD&A functions to Picatinny Arsenal, NJ from:

- NSWC Crane, IN (except energetics and RD&A T&E in support of Special Operations)
- NSWC Port Hueneme Detachment Louisville, KY
- NAWC China Lake, CA (except energetics)
- NSWC Crane Detachment at Fallbrook, CA

Move Weapon and Armament Packaging, Handling, Storage and Transportation (PHS&T) RD&A and T&E function from NSWC Indian Head Detachment Earle, Colts Neck, NJ
BRAC Definitions for RD&A and T&E:

- **Research** means basic research (6.1), applied research (6.2) and advanced development (6.3).

- **Development and Acquisition** means system development and demonstration, system modifications, experimentation and concept demonstration, and product/in-service life-cycle support.

- **Test and Evaluation** means Developmental Test and Evaluation (DT&E) and Operational Test and Evaluation (OT&E). Test and Evaluation also includes facilities that provide measurements and analyses for science and technology (S&T) development and acquisition (D&A), developmental test and evaluation, operational test and evaluation, live fire test and evaluation, contractor test and evaluation, joint test and evaluation, in-service engineering testing, safety certifications, concept refinement, advanced technology demonstrations, shelf-life and lot verification testing, and for experimentation when predominantly used for acquisition or materiel decisions.
Current Anticipated End State

Realign 240 to Picatinny*  
as of 11 September 2009

Legend:  
Excluded by BRAC  
Realigned by BRAC

Criteria:  
Government FTEs based on BRAC certified data.  On-site contractor FTEs not included

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Functional Statements

• (G) Systems Integration Department
  – Functions as the Navy Integrated Specialty Site for Guns, Ammunition and PHST (Packaging, Handling, Storage and Transportation) to maximize the readiness levels of affordable and effective ordnance and combat systems equipment in the fleet by performing rigorous program management, in-service engineering, logistics support services and acquisition engineering

• (GPO) Office of Program Management for Navy 2T Conventional Ammunition Systems (PM NCAS) (Transitioned from NSWC Crane)
  – Provides comprehensive program management of 2T Cog (surface) ammunition

• (G1) Naval Packaging, Handling, Storage and Transportation (PHST) Division (Transitioning from IHD NSWC Det Earle)
  – Provides Fleet, Program Managers, and other customers with complete life cycle engineering and logistics support services for PHST of weapons and combat systems equipment

• (G2) Conventional Ammunition Division (Transitioned from NSWC Crane)
  – Provides Fleet, Program Managers, and other customers in-service and acquisition engineering support for Navy Conventional Ammunition

• (G3) Guns Division (Transitioning from NAWC WD China Lake and NSWC PHD Detachment Louisville)
  – Provides Fleet, Program Managers, and other customers with integration, testing, evaluation, in-service life cycle engineering and logistics, acquisition engineering, maintenance engineering and direct fleet support for naval gun systems
BRAC Gun Systems

### NAVSEASYSCOM GUN SYSTEMS IMPACTED BY BRAC

<table>
<thead>
<tr>
<th>Platform</th>
<th>Gun Weapon System</th>
<th>Ammo</th>
</tr>
</thead>
<tbody>
<tr>
<td>DD-21 Land Attack Destroyers</td>
<td>Advanced Gun System</td>
<td>155mm</td>
</tr>
<tr>
<td>DDG-51 Arleigh Burke destroyers</td>
<td>MK 45 Light Weight Gun Mount (LWGM)</td>
<td>5 inch 54 Caliber</td>
</tr>
<tr>
<td>DDG-51 Arleigh Burke destroyers</td>
<td>MK 45 Mod 4 Gun System</td>
<td>5 inch 62 Caliber</td>
</tr>
<tr>
<td>USCG National Security Cutter (NSC)</td>
<td>MK 110 Mod 0 Gun System</td>
<td>57mm</td>
</tr>
<tr>
<td>Litoral Combat Ship (LCS)</td>
<td>MK 110 Mod 1 Gun System</td>
<td>57mm</td>
</tr>
<tr>
<td>CG-47 Ticonderoga Class Cruisers</td>
<td>MK 45 Mod 4 Gun Weapons System</td>
<td>5 inch 62 Caliber</td>
</tr>
<tr>
<td>FFG-7 Frigates</td>
<td></td>
<td></td>
</tr>
<tr>
<td>USCG High Endurance Cutter WHEC-715 Class</td>
<td>Mk 75 Gun System</td>
<td>76mm</td>
</tr>
<tr>
<td>USCG Medium Endurance Cutter WME-901 Class</td>
<td>MK 38 Gun System</td>
<td>25mm</td>
</tr>
<tr>
<td>CG 47, LSD 41, LSD 49, LPD 9, PC (USN and USCG), FFG, LHD, LHA, LCC and DDG 51 class ships.</td>
<td>MK 15 Close In Weapons System (CIWS)</td>
<td>20mm</td>
</tr>
<tr>
<td>Multiple, including: CVN, CG, DDG, DD, FFG's LSD, LHD, LHA's</td>
<td>Land Based PHALANX Weapons System (LPWS)</td>
<td>20mm</td>
</tr>
<tr>
<td>Land Based (Deployed in Afghanan and Iraq)</td>
<td>SeaRAM</td>
<td>Rolling Airframe Missile</td>
</tr>
<tr>
<td>Multiple</td>
<td>MK 11 Saluting Mount</td>
<td>40mm</td>
</tr>
<tr>
<td>LPD-17 San Antonio Class Amphibious Assault Ship LCS (Mission Module)</td>
<td>Mk 46 Gun Weapon System</td>
<td>30mm</td>
</tr>
<tr>
<td>PC-1 Cyclone Class Patrol Costal Ships</td>
<td>Mk 96 Gun Weapon System (M242 Automatic Gun)</td>
<td>25mm</td>
</tr>
<tr>
<td>Candidate PC Costal</td>
<td>MK 51 Stabilized Weapon System</td>
<td>30mm x 113mm</td>
</tr>
</tbody>
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# BRAC Gun Systems

**NAVAIRSYSCOM GUN WEAPONS SYSTEMS IMPACTED BY BRAC**

<table>
<thead>
<tr>
<th>Platform</th>
<th>Gun System</th>
<th>Gun Pod</th>
<th>Ammo</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hornet F/A-18</td>
<td>M61A1</td>
<td>M61 Palletized</td>
<td>20mm</td>
</tr>
<tr>
<td></td>
<td>M61A2</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Harrier AV-8B</td>
<td>GAU-12</td>
<td>A/A49E-10</td>
<td>25mm</td>
</tr>
<tr>
<td>Cobra-AH-1</td>
<td>M197</td>
<td>NA</td>
<td>20mm</td>
</tr>
<tr>
<td>KC130</td>
<td>Mk44 Bushmaster</td>
<td>NA</td>
<td>30mm x 173</td>
</tr>
<tr>
<td>H60C</td>
<td>M230</td>
<td>DAP Mount</td>
<td>30mm</td>
</tr>
<tr>
<td>H60C</td>
<td>RAMICS</td>
<td>RAMICS</td>
<td>30mm</td>
</tr>
<tr>
<td></td>
<td>Mk44 Bushmaster</td>
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</tbody>
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