

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

2010 Munitions
Executive Summit
O/EDCA and Navy



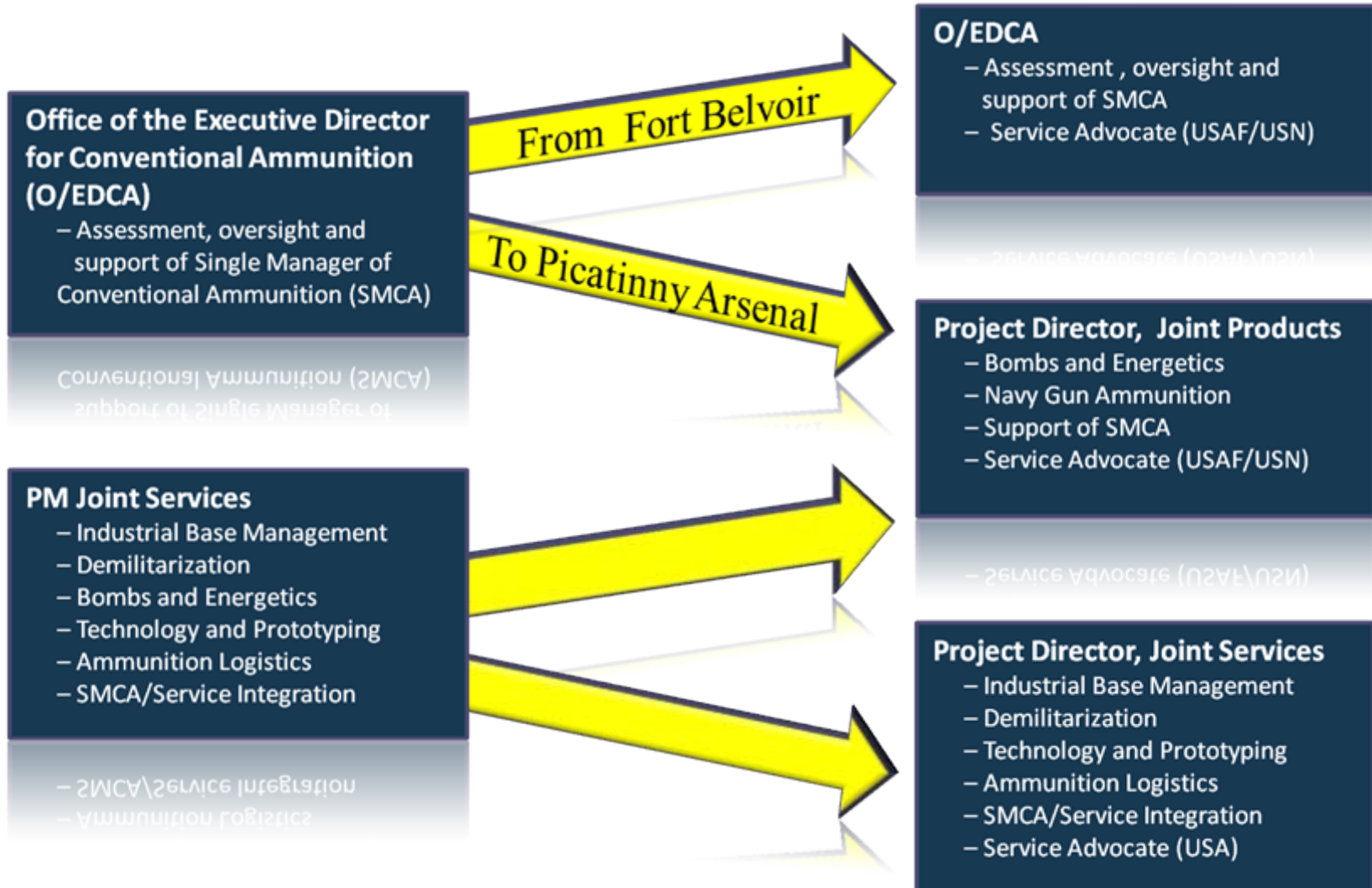
Relocation to Picatinny Arsenal

CAPT Jeff Horton, SC, USN





Integration of the O/EDCA with PEO AMMO/SMCA at Picatinny Arsenal





Integrated Concept



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.



INCUMBENT: Rotate between USN/USAF. Recommend acquisition certified . Supporting input for rating provided by SMCA Executor (PEO Ammo) &LCMC ; Senior Rated by EDCA.

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.



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

Munitions Executive Summit 2010

**Indian Head Division NSWC
Detachment Picatinny
Organizational Overview**

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Integrated Weapons & Armaments Specialty Site for Guns & Ammunition

BRAC 2005 RECOMMENDATION 186 TECH 0018B

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

Integrated Weapons & Armaments Specialty Site for Guns & Ammunition

BRAC 2005 RECOMMENDATION 186 TECH 0018B

BRAC Definitions for RD&A and T&E:

- **R**esearch means basic research (6.1), applied research (6.2) and advanced development (6.3).
- **D**evelopment and **A**cquisition means system development and demonstration, system modifications, experimentation and concept demonstration, and product/in-service life-cycle support.
- **T**est and **E**valuation 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

* The actual number of FTEs subject to realignment is dependent upon the customer funded workload.

Crane (190 FTE)

- Guns & Ammo T&E (24 FTE)
- Special Ops RDA (127 FTE)

- Guns & Ammo PM
 - Guns & Ammo Sustainment
 - Guns & Ammo RDA
- (39 FTE)

China Lake (4 FTE)

- Guns & Ammo RDA (4 FTE)

Dahlgren (83 FTE)

- Guns & Ammo RDAT&E (83 FTE)

Fallbrook (108 FTE)

- Guns & Ammo T&E (108 FTE)

- Guns & Ammo RDA (0 FTE)

Earle (67 FTE)

- Weapons & Armament PHS&T (67 FTE)

Indian Head (43 FTE)

- Energetics (43 FTE)

Louisville (172 FTE)

- Guns & Ammo RDA (132 FTE)

- OEM On-site support (12 FTE)

- Non-Guns functions (28 FTE)

Picatinny
Navy Detachment
Specialty Site for Guns & Ammo

Functions in Green
Realign to Picatinny

Legend: **Excluded by BRAC** **Realigned by BRAC**
Criteria: Government FTEs based on BRAC certified data. On-site contractor FTEs not included

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

NAVSEASYSKOM GUN SYSTEMS IMPACTED BY BRAC

Platform	Gun Weapon System	Ammo
DD-21 Land Attack Destroyers	Advanced Gun System	155mm
DDG-51 Arleigh Burke destroyers	MK 45 Light Weight Gun Mount (LWGM)	5 inch 54 Caliber
DDG-51 Arleigh Burke destroyers	MK 45 Mod 4 Gun System	5 inch 62 Caliber
USCG National Security Cutter (NSC)	MK 110 Mod 0 Gun System	57mm
Litoral Combat Ship (LCS)	MK 110 Mod 1 Gun System	57mm
CG-47 Ticonderoga Class Cruisers	MK 45 Mod 4 Gun Weapons System	5 inch 62 Caliber
FFG-7 Frigates	Mk 75 Gun System	76mm
USCG High Endurance Cutter WMEC-715 Class		
USCG Medium Endurance Cutter WME-901 Class		
CG 47, LSD 41, LSD 49, LPD 9, PC (USN and USCG), FFG, LHD, LHA, LCC and DDG 51 class ships.	MK 38 Gun System	25mm
Multiple, including: CVN, CG, DDG, DD, FFGs LSD, LHD, LHA's	MK 15 Close In Weapons System (CIWS)	20mm
Land Based (Deployed in Afganistan and Iraq)	Land Based PHALANX Weapons System (LPWS)	20mm
	SeaRAM	Rolling Airframe Missile
Multiple	MK 11 Saluting Mount	40mm
LPD-17 San Antonio Class Amphibious Assault Ship LCS (Mission Module)	Mk 46 Gun Weapon System	30mm
PC-1 Cyclone Class Patrol Costal Ships	Mk 96 Gun Weapon System (M242 Automatic Gun)	25mm
Candidate PC Costal	MK 51 Stabilized Weapon System M230 Cannon	30mm x 113mm

BRAC Gun Systems

NAVAIRSYSCOM GUN WEAPONS SYSTEMS IMPACTED BY BRAC

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