NSWC Dahlgren Division
Picatinny Detachment

Firepower Conference
10-11 June 2008
Parsippany, NJ

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

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

- NSWC Crane Detachment at Fallbrook, CA
- 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)
- Adelphi Laboratory Center, MD (Army)

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
Approved Business Plan End-State
Realign 220, Eliminate 37

Legend: Excluded by BRAC
Realigned by BRAC
Criteria: Gov’t FTEs based on BRAC certified data. On-site contractor FTEs not included
Transition Status

- Detachment established by Commander, Naval Sea Systems Command
  - Naval Surface Warfare Center, Dahlgren Division, Picatinny Detachment
  - Type II Detachment
  - Site UIC Assigned: 38634
# Transition Implementation Schedule

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**Highlights**
- Staggered Transition Of Functions
- Accelerate Transition As Possible
- Driven By Equipment/Facility Dependencies & Funding Availability

* Accelerated from FY10 to FY09 pending space and funding availability
Transition Status

• Crane early transition
  – PM Conventional Ammunition transition complete
  – Hired Requirements Manager 31 March 08
  – Currently have 7 people onboard
  – New employees are developing primarily through on the job training
  – Retained one experienced PM4 employee as a contractor to assist with the transition
• Responsible for the management, in-service engineering and acquisition support of 2T Cog (Surface) Conventional Ammunition for the US Navy

• Provides Program Management of Ammunition in the following categories:
  – Small Caliber (thru .50Cal)
  – Minor Caliber (20MM thru 40MM)
  – Intermediate Caliber (57MM and 76MM)
  – Major Caliber (5 inch and 16 inch)
  – Pyrotechnics and Demolition Material
  – Ammo In-Service/Malfunction management

• SMCA & JOCG in-service interface for NAVSEA items.

• Manages 414 ammo configurations with an annual budget of approximately $150M.
Transition Status

• Crane Transition
  – Ammunition RD&A positions
    • Acquisition Engineering (AEA) function
    • In Service Engineering (ISEA) function
  – Planning a phased transition with potential hiring in FY 09
  – Positions identified
    • Includes journeyman and entry level
  – Swing space has been identified at Picatinny in building 3342
  – Concern is forward funding of BRAC $ to support
Transition Status

• Earle Transition
  – Administrative transition to NSWC Dahlgren in FY09
  – Benefits the employees by aligning with future command earlier
  – MOA developed between IHD and DD to agree on the transition date and the process, currently in review
  – Expect to transition mid FY 09
  – No physical changes until BRACON complete
  – Majority of functions are facility dependant
Transition Status

• Louisville and China Lake
  – Facility dependent
  – Planned for later transition
BRACON Fully Funded by Navy

- Tech Data Facility
  - $13M
  - Remodel Existing
  - PN 65527
  - Building 61, Downtown Pica

- Systems Tech Data
  - Ordnance Lab
  - Remodel Existing
  - PN 65527
  - Building 25, Downtown Pica

- Auto Gun Test Facility
  - Remodel Existing
  - PN 65527
  - Explosive Area, Range 647

- Turret Facility
  - $11.5M
  - Remodel Existing
  - PN 65525
  - Building 3150, Navy Hill Area

- PHST Facility
  - $26M
  - New Construction
  - PN 65425
  - Located Next to Bldg. 455

- NAWC China Lake
- NSWC Crane PM4
- NSWC Crane Code 40
- NSWC PHD Det Louisville
- NSWC IHD Det Earle PHST
Navy BRACONs
Spread across Picatinny

- 647 Range
- 3150 Turret
- 25 Lab & Shop
- 61 RD&A
- 455 PHST
- 1 HQ
- 647 Range
- 3150 Turret
- 25 Lab & Shop
- 61 RD&A
- 455 PHST
- 1 HQ

3 Miles
2.0 Miles
3 Miles
3 Miles
BRACON Status

• DD-1391 65425 PHST Center
  – Recent Activities
    • Final Concept Report Issued Feb 2008
  – Upcoming events
    • 30% Design May 2008

• Project Schedule Milestones
  – Award Construction Contract Mar 2009
  – Construction Complete Jan 2011
  – Moves complete Aug 2011
BRACON Status

• DD-1391 65525 Weapons Systems Lab (Turrets):
  – A&E contract Awarded
  – Site visit to Louisville conducted 27 April 08
  – Design Planning Charrette kickoff held at Picatinny 1 May 08
  – Design Charrette scheduled for 3-6 June 2008 at Picatinny

• Construction Project Milestones
  – Construction Contract Ready-to-advertise (RTA) Mar 2009
  – Award Construction Contract Jun 2009
  – Construction Complete Sept 2010
  – Moves Completed Mar 2011
BRACON Status

- DD-1391 65527 Tech Data Center
  - Tech Data Center Building 61 Renovation
  - Auto Gun Test Facility Range 647 New Construction
  - Gun Weapons Systems Lab Building 25 Renovation

- Recent Accomplishments
  - All sites visited by A&E in Feb-Mar
  - Design Charrette review at Picatinny 10-14 March
  - Charrette parametric design report issued
  - Design review held 5-7 May at Picatinny
Transition Tools

• Cross Service Guns and Ammo Executive Board of Directors
  – Rotating Chair, ARDEC about to turn over lead to NSWC HQ
  – Chartered with developing the Guns and Ammo enterprise vision for the future
Transition Tools

- **Transition IPT**
  - Wide participation with affected sites as well as Navy and Army leadership

- **Tech Data IPT**
  - Chartered to identify issues and challenges associated with bringing mass volumes of Navy tech data to Picatinny

- **Human Capital IPT**
  - Chartered with developing strategies to encourage people to come with the function as well as strategies to transition the knowledge

- **Quarterly News Letter**
Summary

- Phased Transition Roadmap In Place
- Ammo PM Transfer complete
- Accelerating Transition within Funding and Facility Constraints
- Human Capital and retention of expertise is a major concern being addressed by an Integrated Product Team with membership from each site
Questions?

Historic Picatinny Naval Detachment’s Commander’s Quarters