



NSWC Dahlgren Division Picatinny Detachment

Firepower Conference

10-11 June 2008

Parsippany, NJ

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Picatinny Detachment
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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



BRAC 2005 RECOMMENDATION 186 TECH 0018B

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)**

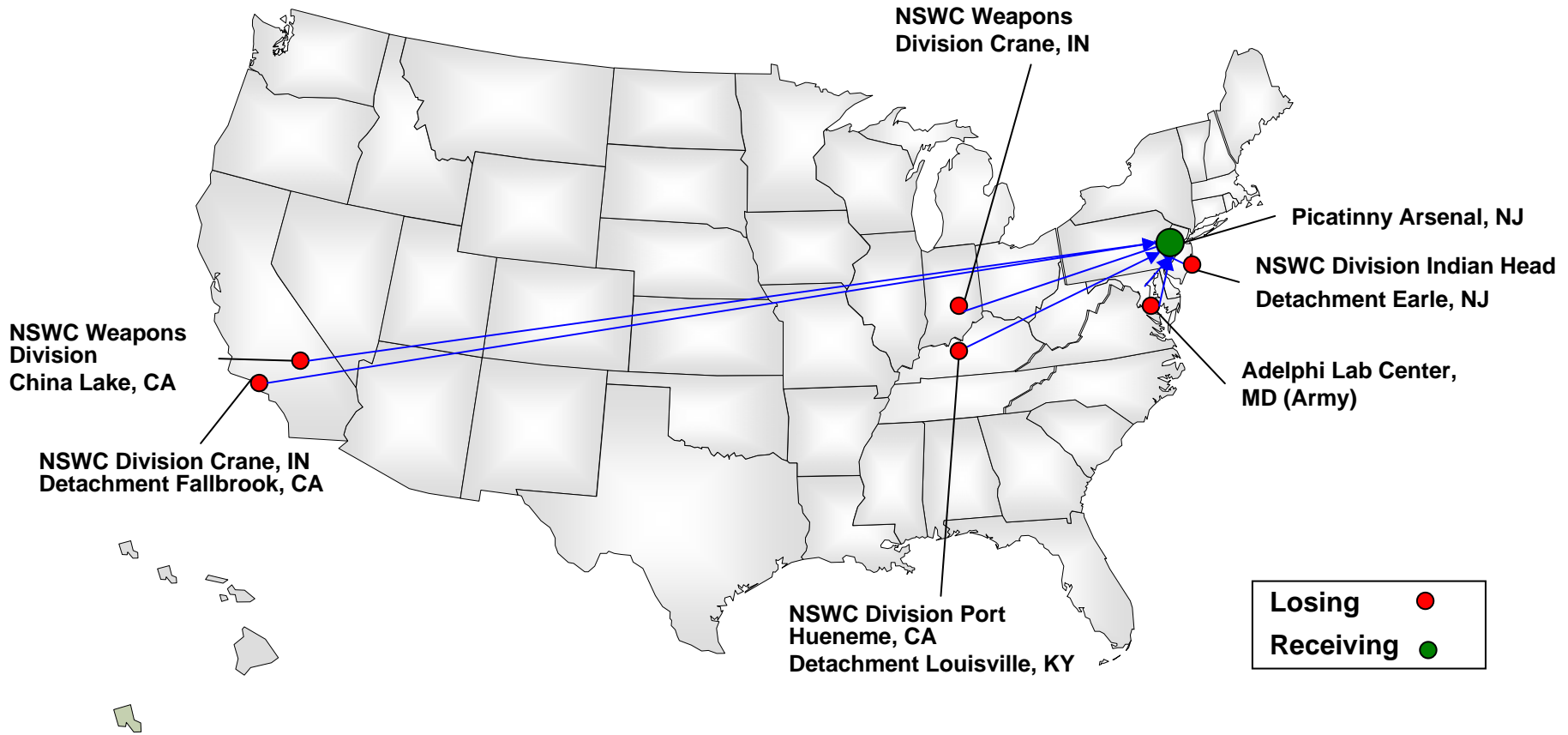
Move Weapon and Armament Packaging, Handling, Storage and Transportation (PHS&T) RD&A and T&E function from NSWC Indian Head Detachment Earle, Colts Neck, NJ



Integrated Weapons & Armaments Specialty Site for Guns & Ammunition



BRAC 2005 RECOMMENDATION 186 TECH 0018B



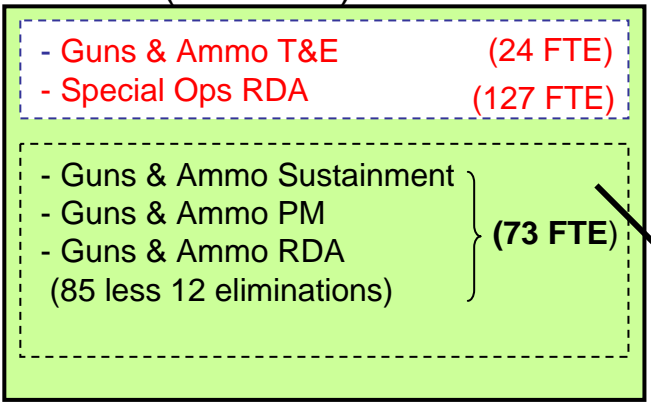


Approved Business Plan End-State

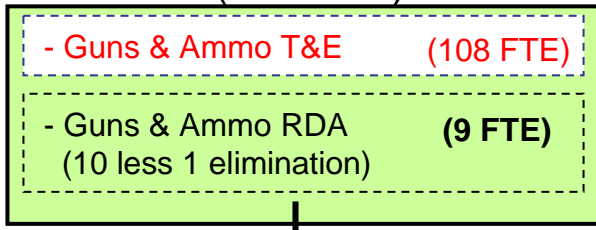
Realign 220, Eliminate 37



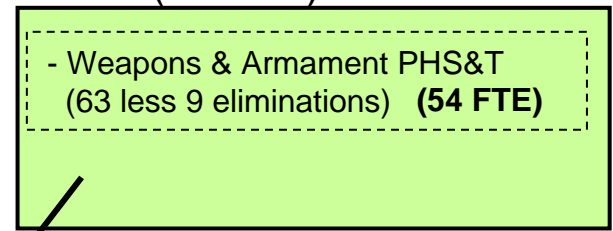
Crane (236 FTE)



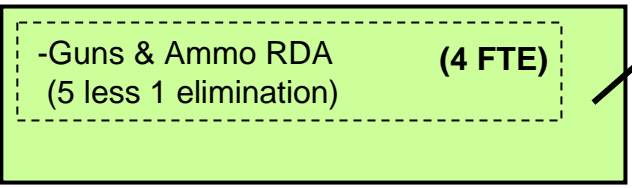
Fallbrook (118 FTE)



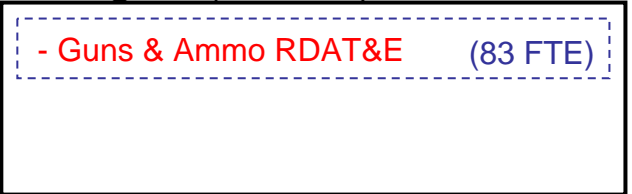
Earle (63 FTE)



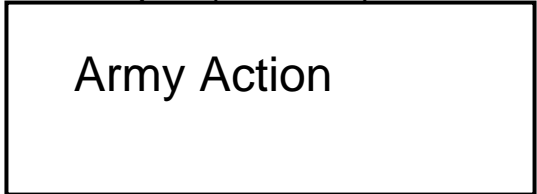
China Lake (5 FTE)



Dahlgren (83 FTE)



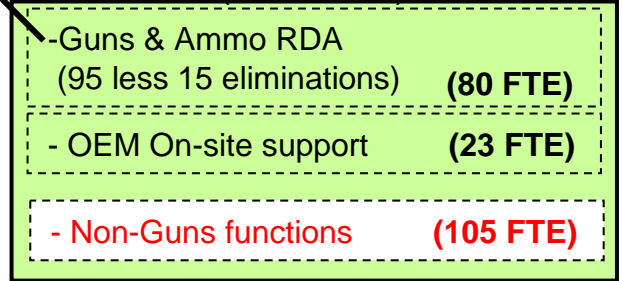
Adelphi (44 FTE)



Indian Head (43 FTE)



Louisville (223 FTE)



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



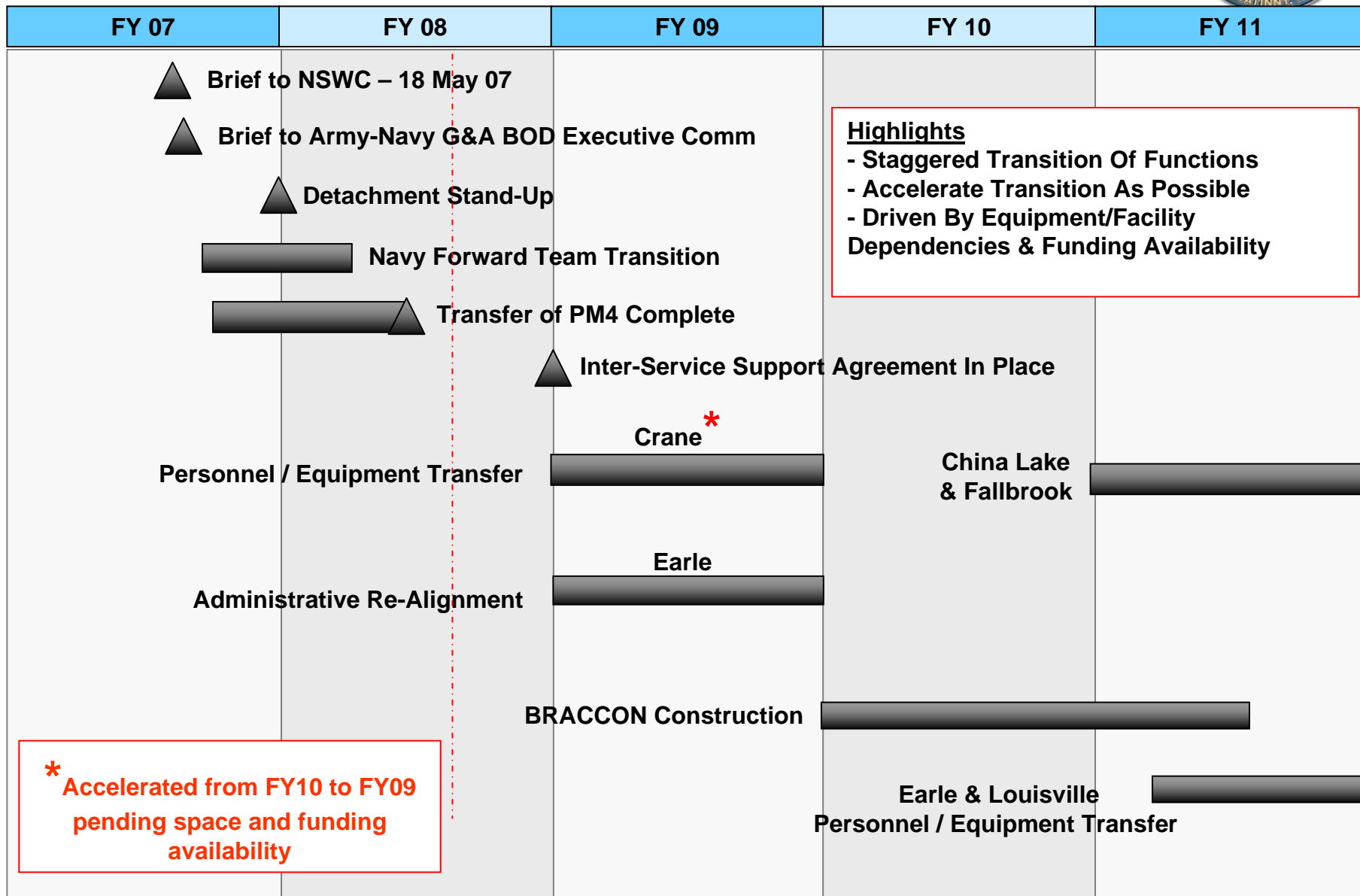
Transition Status



- 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



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



Conventional Ammunition Program Office PM4 NSWC Crane



- 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.



2T COG Conventional Ammo Organization



Conventional Ammunition APM
LtCol Robert White
202-781-1880

Ammunition Engineer
Steve Pitzel
202-781-1512

Business and Financial Manager (PANMC)
Janette Yates
202-781-3556

Wash,DC
Navy Yard

Deputy Program Manager
Dion Serben
973-724-4286

Picatinny
Detachment

Small Caliber Ammo Manager
Timothy Riffel
973-724-9301

Major Caliber Ammo Manager
Elias Vainchenker
973-724-9609

Minor/Intermediate Caliber Ammo Manager
Karen Ross
973-724-9250

Pyro/Demo Material Manager
Michael Hagn
973-724-6137

Ammo Requirements Manager
Elizabeth Kamp
(973) 724-9231

Ammo In-Service/Malfunction Manager
Mike Bottass
973-724-9782

Support Staff
Crane, IN

Program Management
John Niehaus
812-854-3987

Financial Analyst
Melissa Ranard
812-854-4352

Acquisition Analyst
Lindsay Skinner
812-854-4351



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



**NSWC Crane
PM4**

**NSWC Crane
Code 40**

**NAWC China
Lake**

**NSWC PHD Det
Louisville**

**NSWC IHD Det
Earle PHST**

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

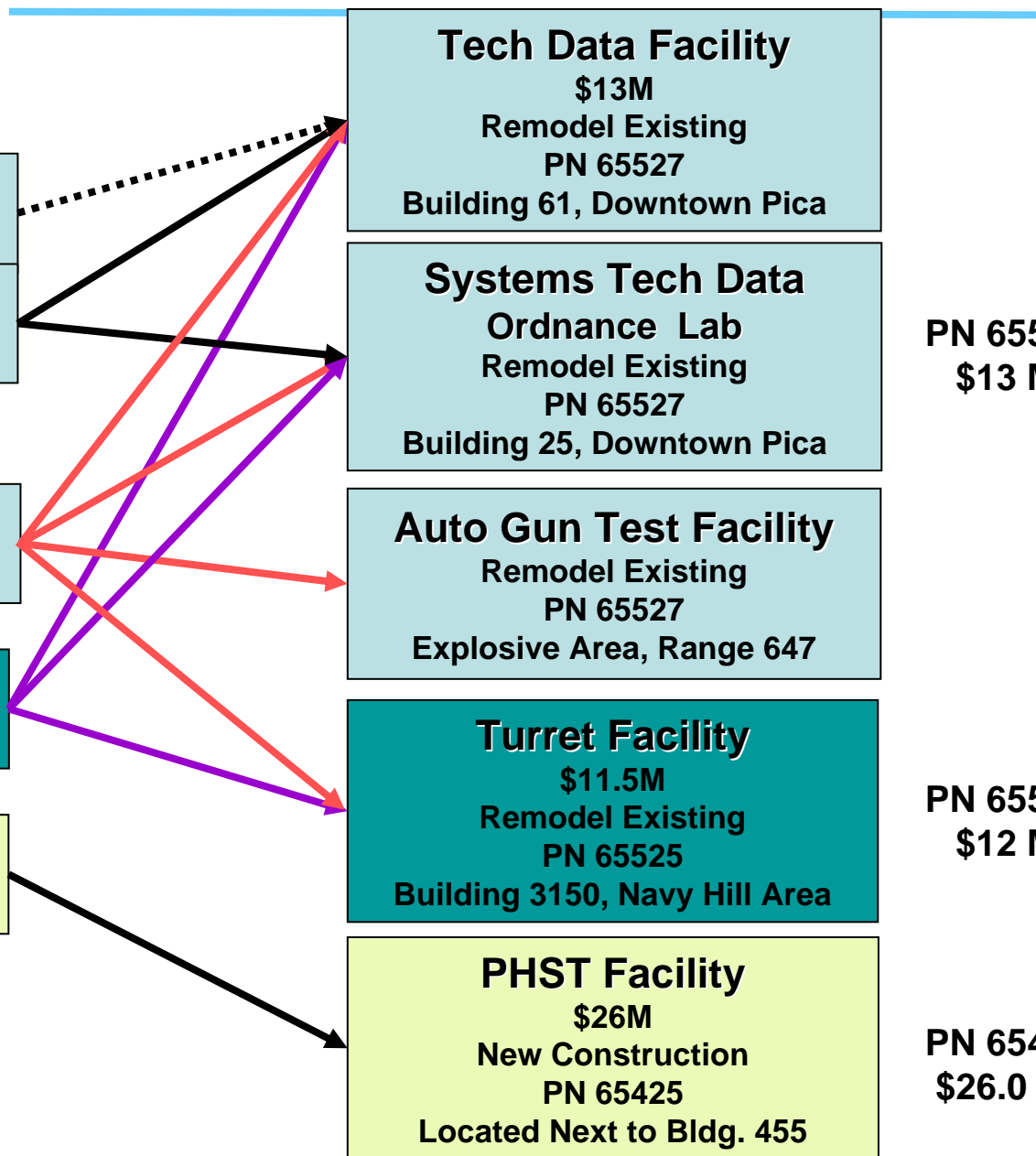
PN 65527
\$13 M

PN 65525
\$12 M

PN 65425
\$26.0 M

\$51 M

13



Navy BRACONs Spread across Picatinny





BRACON Status



- DD-1391 65425 PHST Center
 - Recent Activities
 - Final Concept Report Issued Feb 2008
 - Upcoming events
 - 30% Design May 2008
- Project Schedule Milestones
 - Construction Contract Ready-to-advertise (RTA) Dec 2008
 - 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



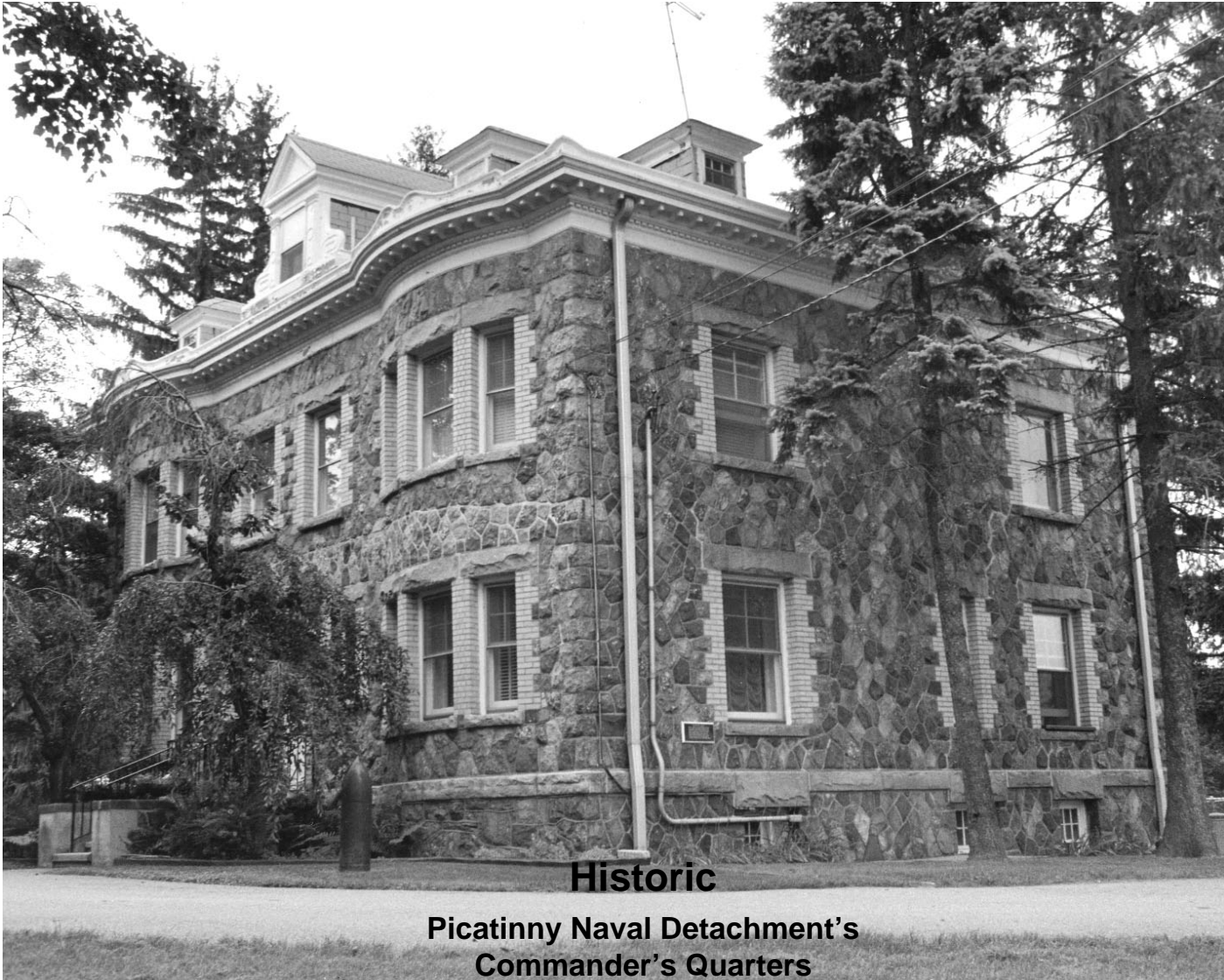
Summary



- 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**