Project Director
Joint Products

Munitions Executive Summit
Acquisition Panel
Brief

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

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

Office of the Executive Director for Conventional Ammo (O/EDCA)
- Assessment, oversight and support of Army execution of SMCA

Project Director, Joint Products
- Bombs and Energetics
- Navy Gun Ammunition
- Support of Army execution of SMCA
- SMCA/Service Integration

EDCA Assessments
- Assessment and oversight of Army execution of SMCA
- SMCA/Service Integration

Project Director Joint Products
Origin of Organization

2/18/2010
Project Director Joint Products Portfolio

BOMBS (95% of FY10 funding)
- MK80 Series GP Bombs
- Bomb Fuzes, Fins and Lugs
- Navy and Air Force Practice Bombs
- Navy and Air Force Penetrator Bombs

NAVY GUN AMMO (2% of FY10 funding)
- Navy Gun Ammo
- Deck Gun firing 5"/54 Cal Ammo
- 5"/54 Cal Gun Ammo bodies, prop charges and fuzes
- 76mm Gun Ammo

CAD/PAD (2% of FY10 funding)
- Cartridge Actuated Devices
- Propellant Actuated Devices

ENERGETICS (1% of FY10 funding)
- RDX
- HMX
- Formulate Finished Products
- PAX-21, C-4, LX-14, PBXN-9

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Challenges: Aligning Industrial Base Capabilities with Joint Products Requirements and Resources

• Effect of Technological Evolution on existing Industrial Base
  - Evolution to new explosives to meet Insensitive Munitions requirements
    - Better performance and higher degree of Insensitive Munition compliance
    - Need for new production processes and facilitization
    - Explosive price increases end item quantity reductions workload below MSR
  - Replacement of steel forged bodies with Cast Ductile Iron (CDI)
    - Improved producibility, price and easier demil of training bombs
    - Diversion of high volume workload from production base for tactical bomb bodies and LAP

• Coordinating and Integrating new technical/design requirements among Other Service developers & Industrial Base producers
  - Cross fertilization and synergy and commonality among new development programs
  - Timely recognition and proveout of new production facility and process requirements

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Challenges of Other Service Development Items Transitioning to SMCA Production

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Army Funded

Air Force Funded

Navy Funded

Air Force Configuration Management Authority

Army/SMCA managed production

Navy Configuration Management Authority

Production Facility Ready?
How Can Industry Help

• Be agile
• Be alert to changing requirements
• Realign capacity / capability to match known DoD plans, production volume
• Inform us of economic thresholds / minimum sustaining rates
• Price contract minimum quantity ranges realistically
• Be prepared to exercise shut down and startup procedures regularly
• Identify producibility / facilitization impacts of new developments / designs
• Communicate regularly

Bombs and Navy Gun Ammo Industry has been very helpful – Keep it up
• New PD Joint Products organization is designed to address key challenges
  - Air Force / Navy O-6 Project Director provides entry to Other Service Development communities
  - Provides intensified project management focus on Bombs and Navy Gun Ammo programs
  - Cultivates strong inter-Service communication links for planning and integrating production capabilities and capacities required for new and evolving munitions designs.