



Project Director Joint Products

Munitions Executive Summit Acquisition Panel Brief

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Project Director Joint Products Origin of Organization



PM Joint Services

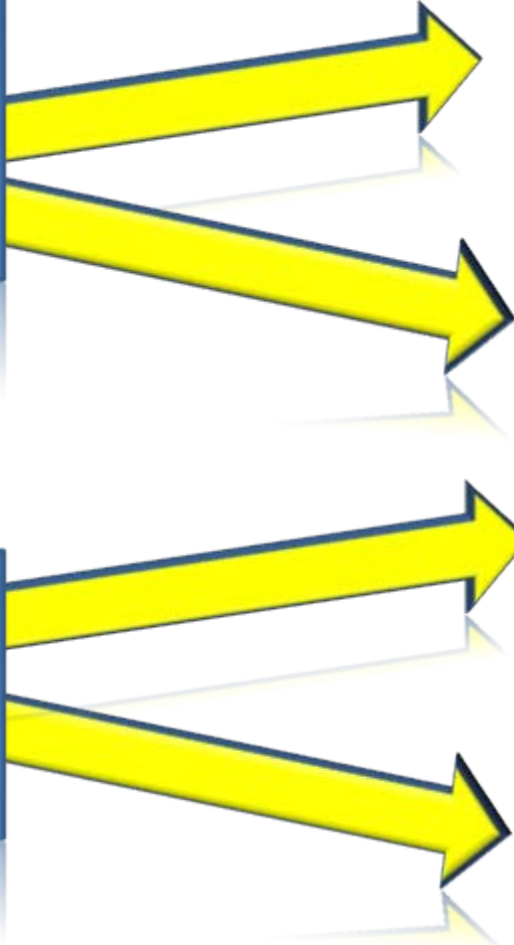
- Industrial Base Management
- Demilitarization
- Bombs and Energetics
- Technology and Prototyping
- Ammunition Logistics
- SMCA/Service Integration

- SMCA/Service Integration
- Ammunition Logistics

**Office of the Executive Director
for Conventional Ammo
(O/EDCA)**

- Assessment, oversight and support of Army execution of SMCA

SMCA
support of Army execution of



Project Director, Joint Services

- Industrial Base Management
- Demilitarization
- Technology and Prototyping
- Ammunition Logistics
- SMCA/Service Integration

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Project Director, Joint Products

- Bombs and Energetics
- Navy Gun Ammunition
- Support of Army execution of SMCA
- SMCA/Service Integration

- SMCA/Service Integration
SMCA

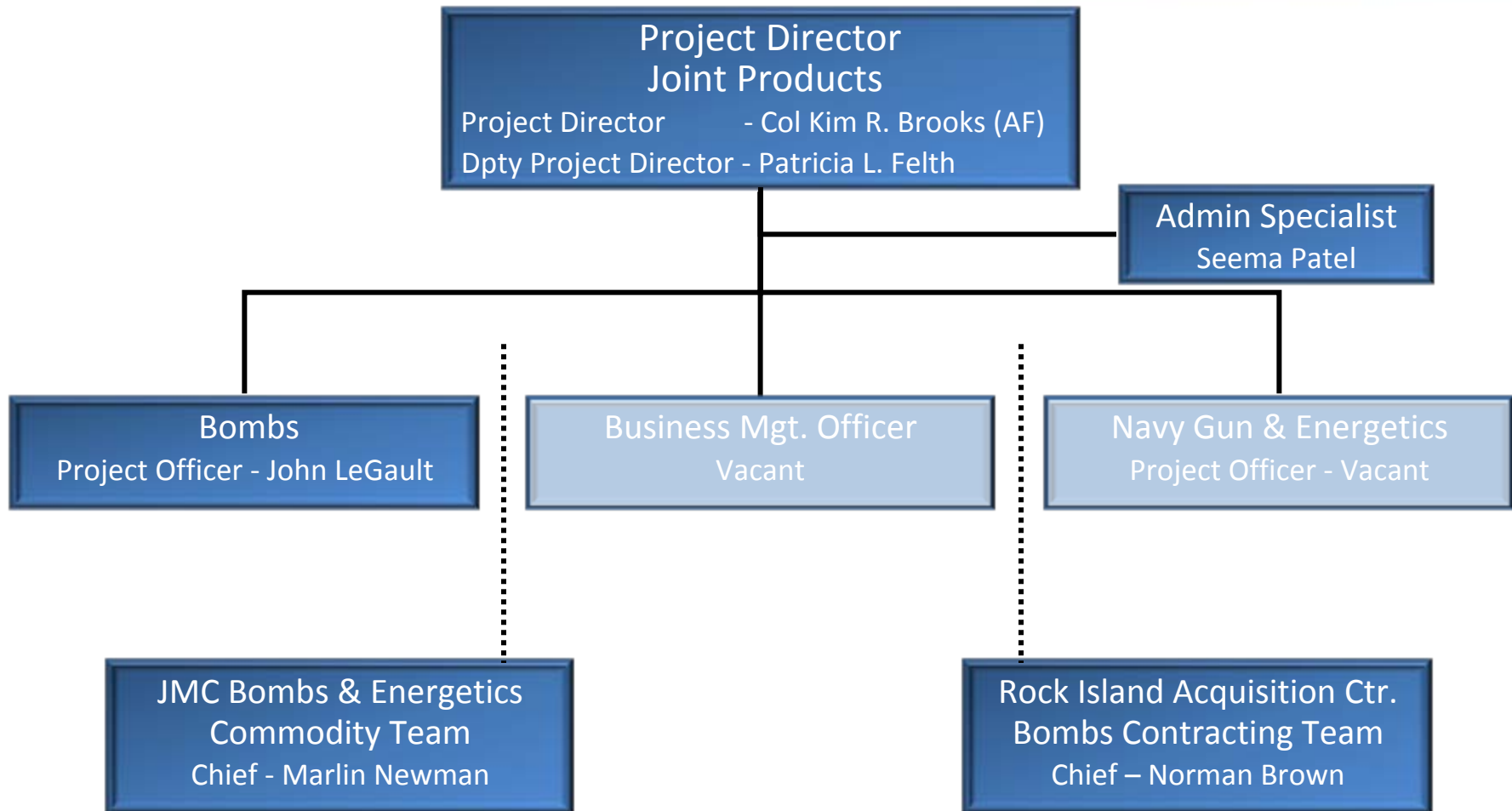
EDCA Assessments

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

SMCA/Service Integration



Project Director Joint Products Organization Chart





Project Director Joint Products Portfolio



BOMBS (95% of FY10 funding)



MK80 Series GP Bombs



Navy and Air Force Practice Bombs



Bomb Fuzes, Fins and Lugs



Navy and Air Force Penetrator Bombs



NAVY GUN AMMO (2% of FY10 funding)



Navy Gun Ammo



Deck Gun firing 5"/54 Cal Ammo



76mm Gun Ammo



5"/54 Cal Gun Ammo bodies, prop charges and fuzes



CAD/PAD (2% of FY10 funding)

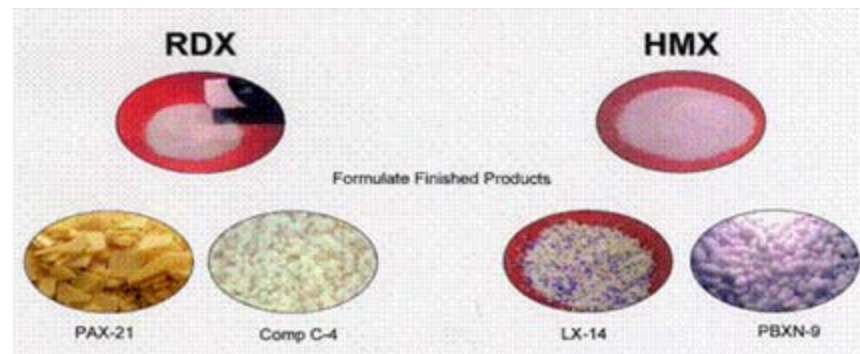
Cartridge Actuated Devices



Propellant Actuated Devices



ENERGETICS (1% of FY10 funding)





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

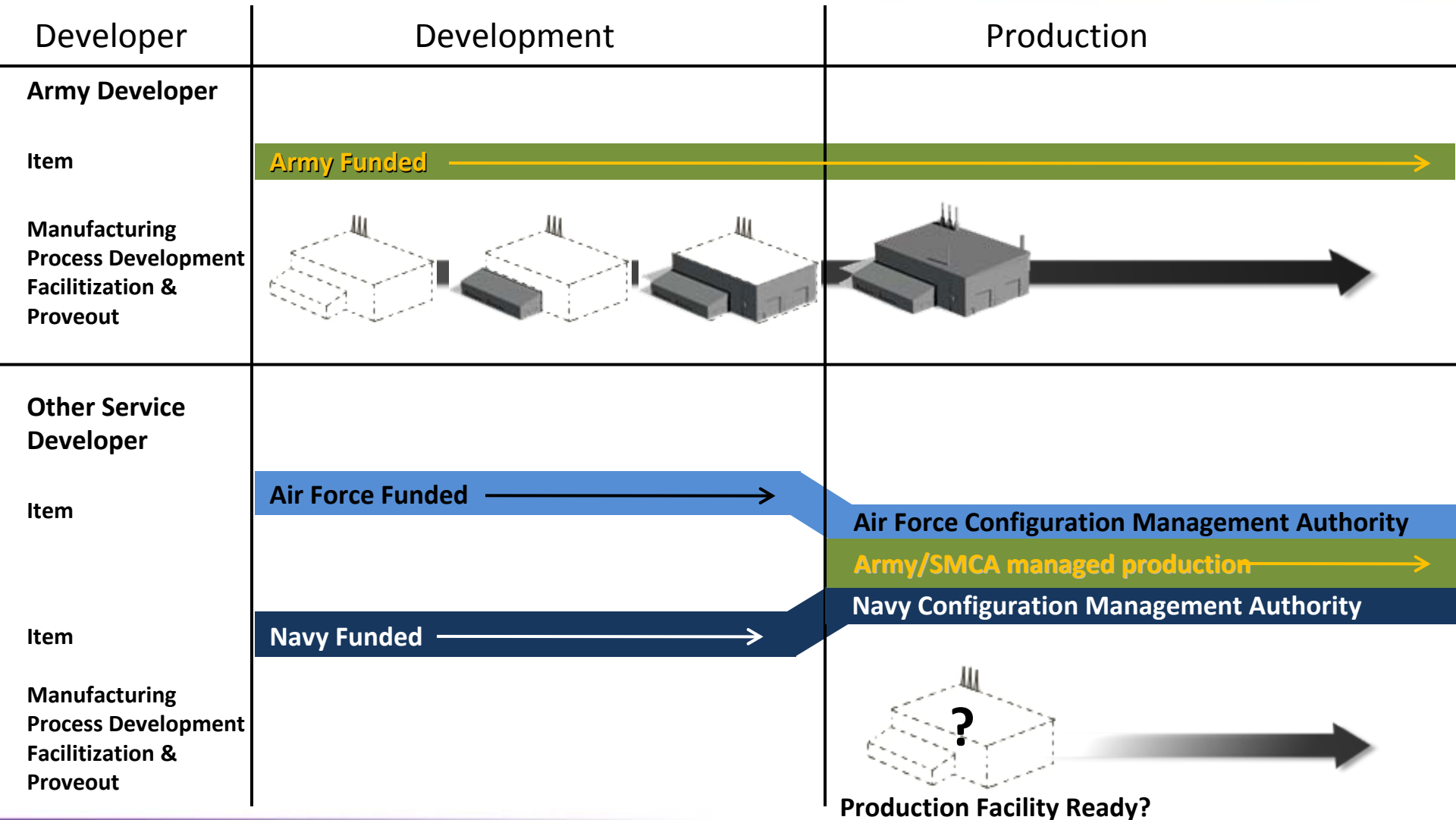
- Coordinating and Integrating new technical/design requirements among Other Service developers & Industrial Base producers



- ❖ Cross fertilization and synergy and commonality among new development programs
- ❖ Timely recognition and proveout of new production facility and process requirements



Challenges of Other Service Development Items Transitioning to SMCA Production





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



Conclusion/Summary



- 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.