



# Project Director Joint Products PM Acquisition Panel Brief

For The

## Munitions Executive Summit

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# Project Director Joint Products Mission and Goals

***MISSION: Manage SMCA acquisition of assigned conventional ammunition efficiently and effectively for Other Service customers/developers***

- Executes Single Manager for Conventional Ammunition (SMCA) acquisition responsibility for Bombs and Energetics, and Navy Gun Ammunition product lines for the Air Force and Navy
- Places Air Force in leadership of SMCA execution organization for Other Service - unique product lines
- Provides focus on Bombs and Navy Gun Ammunition acquisition management and industrial base planning and integration





# Project Director Joint Products Portfolio Snapshot



## BOMBS



BLU111/110/  
117 GP Bombs



Navy and Air Force  
Practice Bombs



Bomb Fuzes, Fins  
and Lugs



Navy and Air Force  
Penetrator Bombs



## NAVY GUN AMMO



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

Cartridge Actuated Devices



Propellant Actuated Devices



## ENERGETICS

RDX



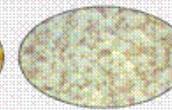
HMX



Formulate Finished Products



PAX-21



Comp C-4



LX-14



PBXN-9



# Project Director Joint Products Organization Chart



**Project Director Joint Products**  
 Project Director - Col Victor Rodriguez  
 Dep. Project Director - Patricia Felth

**Ops Mgr  
 Vacant**

Shared with OEDCA  
**Executive Asst.**  
 Seema Patel  
 Oct 09

**GP & Prac. Bombs**  
 Project Officer  
 John LeGault  
 Oct 09

**Bomb Fuzes & Fins**  
 Project Officer  
 Scott Lyon  
 Nov 10

**Business Manager**  
 Kathryn McGinley  
 Apr 10

**Penetrator & CDI Bombs**  
 Project Officer  
 Christina Morales  
 Nov 10

**NGA & CAD/PAD**  
 Project Officer  
 Diane Wagner  
 Nov 11

**JMC Bombs & Energetics  
 Commodity Team**  
 Chief - Marlin Newman

**Program Analyst**  
 Michael DeMaria  
 Aug 10

**Procurement Lead**  
 Gherin Fracasso/Vacant

**Procurement Specialist**  
 Jonathan Swift  
 Jan 12

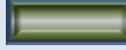
**Energetics**  
 Project Officer  
 Robert Goetz  
 Nov 11

**Rock Island Acq. Ctr.  
 Bombs Contracting  
 Team**  
 Chief - Mary Adams

**Program Analyst**  
 James Vanatta  
 Jul 11

**Procurement Specialist**  
 Paul LePore  
 Jan 12

JP Core Positions 

Matrix Positions 

RI Personnel 



# Management Relationships Other Service Configuration Managed Items



Indirect Link from Army Project Office to Other Service Engineering Support



# Needs from Industry to Fill Capability Gaps



- None



# FY12-13 Competitive Acquisition Opportunities for Industry



## FY12 Award

- MK437 Multi-Option Fuze for Navy (out now)
- MK64 Projectile Bodies for 5"/54 cal Navy Gun Ammo
- MK45 Primer for MK67 Propelling Charge
- MK14 Cover for MK67 Propelling Charge
- MK89 Spotting charge for Bombs (out now)

## FY13 Award

- BDU-33 25lb Practice Bomb
- PA60 Containers



# Industrial Base Challenges and Courses of Action



- Drawdown in customer funded requirements may push lower limits of minimum sustaining rates
- Need flexibility in both contracts and production facilities to absorb fluctuations in customer funding
  - Fixed price multiple year contracts (option or IDIQ)
  - Ability to produce fewer than 12 months of production, shut down and restart each year
  - Ability to execute unplanned buys, e.g. FMS



# Conclusion/Summary



- PD JP's multi-Service mission and project team present some interesting challenges
- Bombs and Navy Gun Ammo procurement funding are likely to decline
  - Need flexible contract vehicles and production facilities to execute efficiently
  - Unplanned work like FMS orders may be valuable for maintaining minimum sustaining rates (but need ability to execute timely)
- Will strive to maintain competitive opportunities

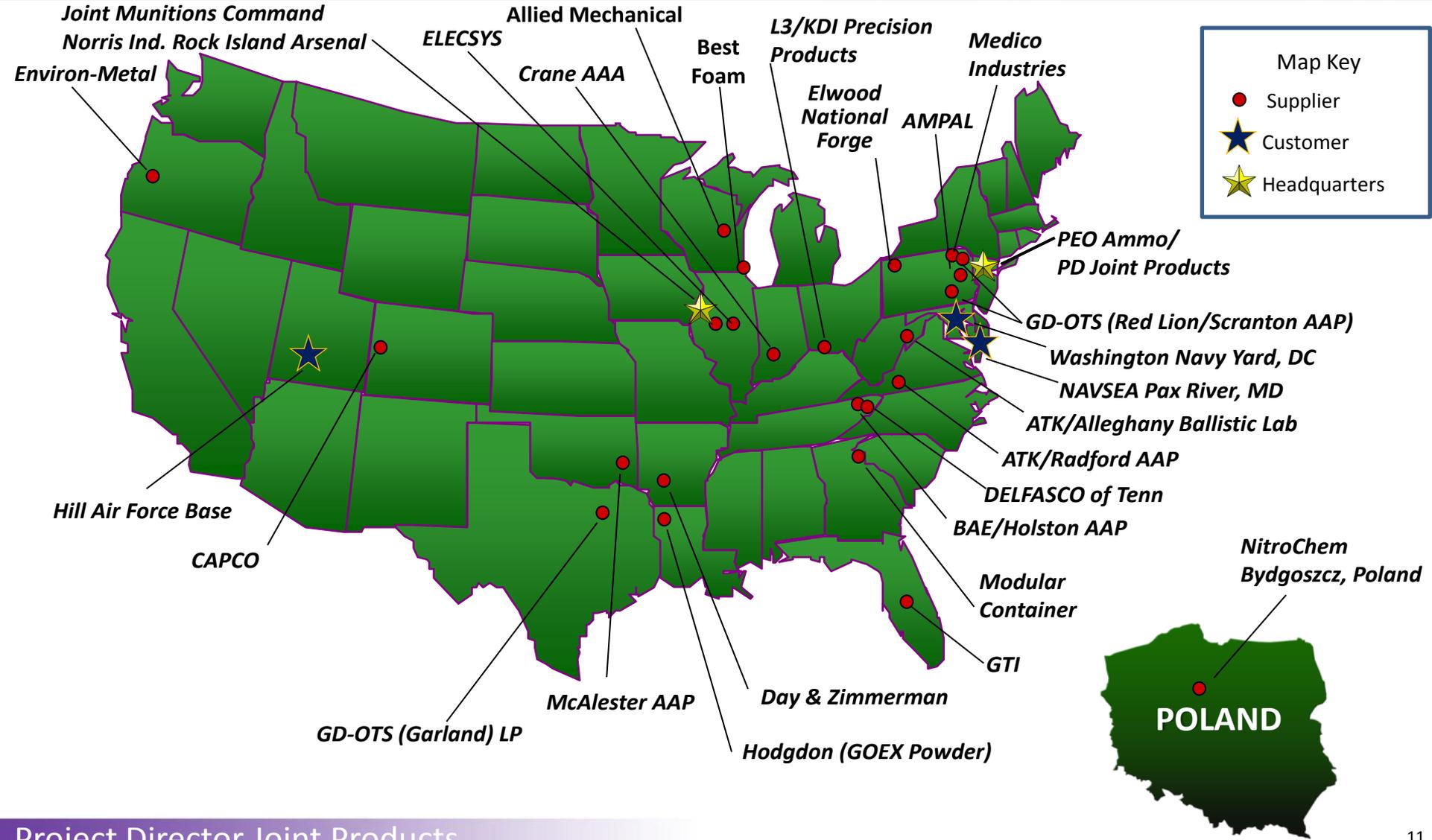


# Backup





# Project Director Joint Products Supplier Map





# Project Director Joint Products Active Acquisition Items Managed



## BOMBS

	DODIC	NOMENCLATURE
<b>Air Force</b>	E485	BOMB GP 500LB MK 82-1
	E756	BOMB GP 2000LB BDU-56/B INERT
	E969	BOMB PRACTICE 25LB BDU-33D/B
	E989	BOMB PENETRATOR 5000LB BLU-113A(D-1)/B INERT
	EA32	FUZE BOMB DUMMY FMU-143B(D-2)/B
	EB28	BOMB GP 1000LB BLU-110/B PBXN-109 LOAD
	ED41	BOMB GP 500LB BLU-110B/B
	ED15	BOMB GP 500LB BLU-111B/B
	EB71	BOMB PRACTICE 500LB BDU-50C/B INERT
	EC37	BOMB GP 1000LB MK 83-4 INERT
	EC72, ED49	BOMB PENETRATOR 2000LB BLU-109/B
	ED09	BOMB GP 2000LB BLU-117B/B
	ED12	BOMB 2000LB BDU-56A/B CD1*
	ED28-ED30, F800-F809	FUZE FMU 143 B/B, F/B, G/B, R/B, S/B, T/B
	F034	BOMB PRACTICE 2000LB BLU-109(D-1)/B
	F262	BOMB GP 2000LB MK84-4 INERT
	F275	BOMB GP 2000LB TRITONAL MK84-4 W/SUSP LUG W/PLMBG
	F562	CTG SIGNAL PRACTICE BOMB MK4 MOD 3
	G251	LUG SUSP ACFT ORD F/25 LB BOMB
	EC35	FMU 139 FUZE
F782	FIN ASSY BOMB CONICAL BSU-33 B/B	
<b>Navy</b>	1W73	FIN RETARDER AIR INFLATABLE BSU-85/B F/MK83
	EA53	FIN ASSEMBLY BOMB BSU-86 A/B
	F142	BOMB GP BLU-109 A/B 2000LB
	F237	BOMB GP 500LB MK82
	F288	BOMB GP 1000LB BLU-110 A/B PBX LOADED
	ED42	BOMB GP 500LB BLU-110C/B
	F289	BOMB GP BLU-111A/B PBX LOAD
	ED16	BOMB GP 500LB BLU-11C/B
	F562	CTG SIGNAL PRACTICE BOMB MK4 MOD 3
	G408	CABLE ASSEMBLY M73
	G410	CABLE ASSEMBLY M72

**TOTAL # = 21**

**TOTAL # = 11**

**TOTAL Products = 60**  
(AF and Navy share 3 Bomb Products)

## NAVY GUN MUNITIONS

	DODIC	NOMENCLATURE
	DA15	Projectile 5"/54 CAL KE-ET MK182 MOD 0
	DA34	Projectile 5"/54 CAL MK179 HE-ET*
	DA48	Projectile 5"/54 CAL MK186-0 HE-MOF*
	D296	5"/54 CAL Clearing Charge
	D326	Propelling Charge 5"/54 MK67-3
	D349	Projectile 5"/54 CAL BL-P MK92 MOD 1

\*Transitioning in FY11

**TOTAL # = 6**

## CAD/PAD

	DODIC	NOMENCLATURE
	DWEA	Emergency Parachute Jettison
	MJ20	Thruster, Cartridge Actuated
	MS81-MS83	Cords Detonating
	MS85-MS87	
	MT06	Arming/Firing initiator
	MT20	Cartridge, Aircraft Fire Ext.
	MH92	Cartridge, Aircraft Fire Extinguisher
	WB53	

**TOTAL # = 7**

## ENERGETICS

NOMENCLATURE	
Aluminum Powder	CXM757
Black Powder	HMX
BS NACO	IMX-101
Comp B	IMX-104
Comp C4	Lead Azide
Comp D	PBXN-7
Comp D2	PBXN-9
Cyclotol	TNT
CXM-7	TATB

**TOTAL # = 18**

\*Transitioning in FY10



# Project Director Joint Products Contractors



Contractor	Location	Products
Allied Mechanical	Greenville, WI	BDU-50 Practice Bomb (AF) C/B CDI Cast Ductile Iron Bombs-500lbs LAP
Ampal, Inc	Palmerton, PA	Aluminum Powder
ATK (Radford Army Ammunition Plant)	Radford , VA	BS NACO - all commodities, Bulk Propellants
ATK (Alleghany Ballistic Lab)	Rocket Center, WV	Navy Gun Ammunition
Alliant Techsystems (ATK) from NitroChem-Poland	BYDGOSZCZ, Poland	TNT
BAE (Holston Army Ammunition Plant)	Holston, TN	Bulk Explosives (Tritonal, PBXN-109, PBXN-9), CXM-AF7)
Best Foam Fabrication	Chicago, IL	PA-60 Container
CAPCO Inc.	Grand Junction, CO	BSU-86 A/B bomb Fin Assembly (Navy)
Crane AAA	Bloomington, IN	5"/54 KE-ET MK 182-MOFN, Navy Gun Ammo LAP, 5"/54 MK MK186 Explosive Loading, MK67-3 Propelling Charge Poly Plug
Day & Zimmerman, Inc.	Camden, AR	MK45 Electric Primer
Delfasco	Greenville, TN	MS3314 Lug/MK3 Lug MK 76-5 Practice Bomb (Navy) BDU-33 Practice Bomb (AF) MK14 Suspension Lug
Elecsys	Pekin, IL	M72/M73 Cable
Elwood National Forge	Irvine, PA	BLU-109 Penetrator Bomb Case/CNU-417 Container (AF)
Environ-Metal	Sweet Home, OR	MK182 tungsten Shot
General Dynamics OTS (Garland) LP	Garland, TX  Red Lion, PA Scranton AAP/Red Lion, PA	M82/83/84-4 Body + BDU-56 Body (2000lbs) (AF) BDU-50 (500lbs) C/B CDI Cast Ductile Iron Bombs BSU-85 Bomb fin Assembly Retarder (Navy) Navy Gun Ammo Projectile Bodies
GTI	Auburndale, FL	BDU-48 Practice Bomb (Navy)
GOEX	Doyline, LA	Black Powder
KDI precision Products, Inc (L-3 Fuze and Ordnance Systems)	Cincinnati, OH	FMU-143 Fuzes (Navy & AF)
McAlester Army Ammunition Plant	McAlester OK	General Purpose Bombs Explosive Loading 5"/54 MK67-3 Propelling Charge
Medico Industries, Inc.	Wilkes-Barre, PA	MXU 735 Nose Plug (Navy)
Modular Container, Inc.	Lavonia, GA	MK-3 Pallets
Norris Industries (NI) (Rock Island Arsenal, IL)	Previously Riverbank, CA / moved to Rock Island Arsenal as of May 2010	MK9 Cartridge Case