



Munitions Executive Summit PM Acquisition Panel Brief

PM Close Combat Systems

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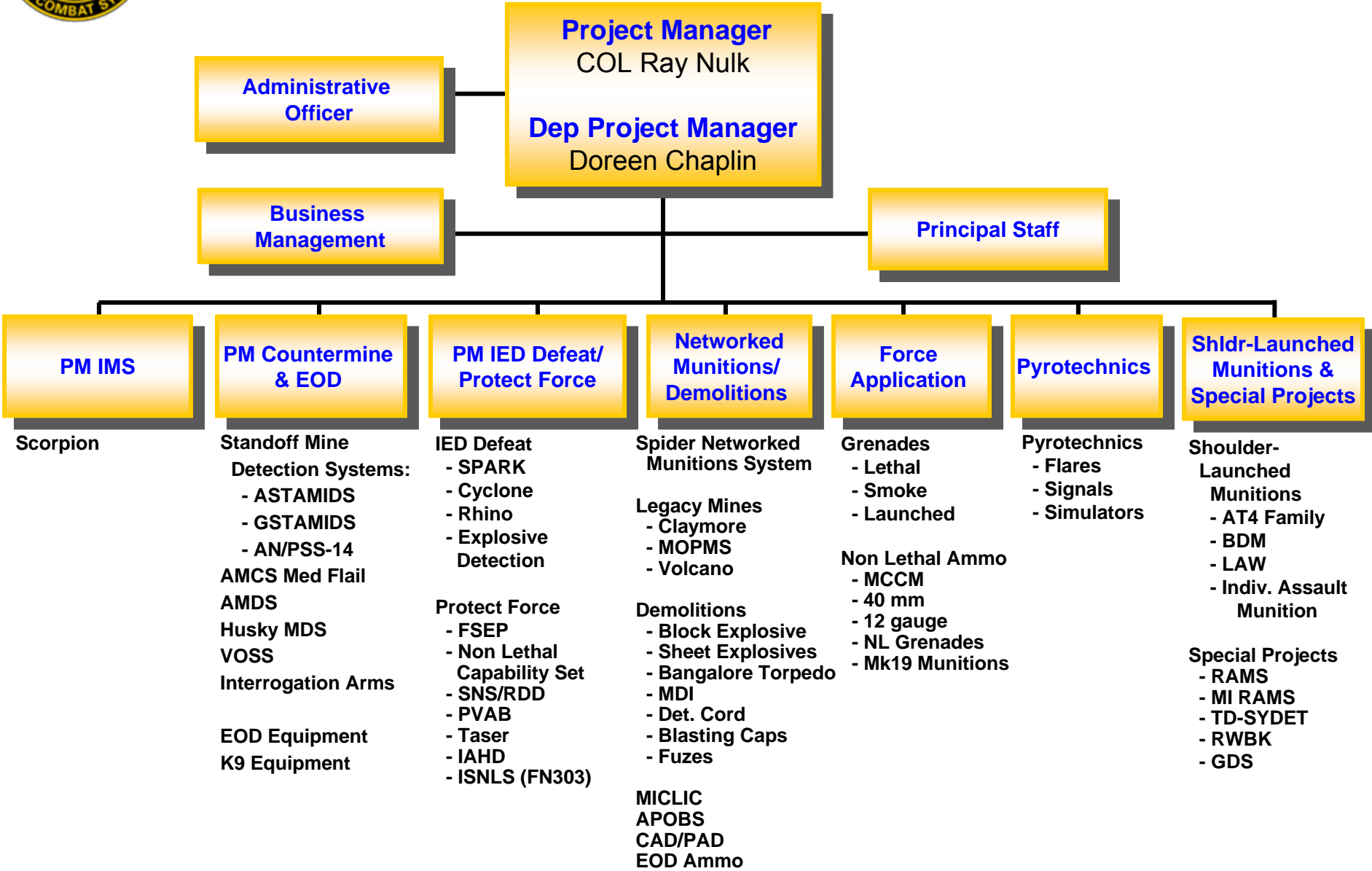
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Organization – Product Alignment





PM Close Combat Systems

Product Lines

PM CCS Mission: Provide the Warfighter world-class close combat, force protection & assured mobility capabilities across full spectrum operations through professional, integrated Joint Life-Cycle Management.

- Networked Munitions
 - Spider
 - Scorpion
- Legacy Mines
- Countermine
- EOD Equipment
- K9 Equipment
- IED Defeat
- Grenades
- Pyrotechnics
- Demolitions
- Shoulder-Launched Munitions
- Non-Lethal Systems & Munitions
- Special Projects

<http://ccsweb.pica.army.mil>





PM Countermine & EOD

Support to the Warfighter -OIF/OEF

Route Clearance



- **Vehicle Optics Sensor System (VOSS).** Locates IEDs / Trigger Man / threats at greater stand-off distance utilizing powerful daytime TV, night vision & thermal capabilities.



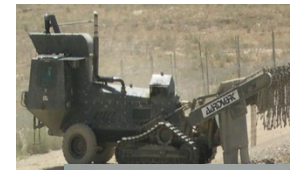
- **Husky Mounted Detection System (HMDS).** Detects & marks AT mines & underbelly IEDs in support of route clearance operations.



- **IED Interrogation Arms (IA).** Articulating hydraulic boom arm with digging attachments. Used on the RG-31 & Husky MPVs.



Area Clearance



- **Two types of commercial medium mine clearing flails** procured for the Air Force in Afghanistan (AROC 2003).



- **Berm Sifter.** ROTAR bucket sifter mounted on a Caterpillar front end loader. (Afghanistan AROC 2003)



- **AN/PSS-14 Mine Detecting Set.** Manportable metal detector & GPR. (Afghanistan/Iraq AROC 2003)



PM IED Defeat/Protect Force Support to the Warfighter - OIF/OEF



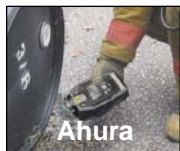
OIF SPARK



Cyclone Blower



Rhino



Ahura



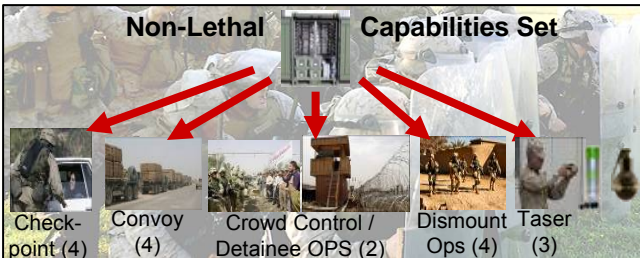
Sherlock



Schonstedt

Non-Lethal

Capabilities Set



Check-point (4)

Convoy (4)

Crowd Control / Detainee OPS (2)

Dismount Ops (4)

Taser (3)

OEF SPARK



Entry Control Point



OIF

- Fielding new OIF SPARK – Working with reduced requirement; supporting over 600 IED Rollers
- Sustaining approximately 230 Debris Blowers
- Sustaining over 30,000 Rhino Systems
- Fielding & supporting Trace, Bulk explosive detection & cache detection (Ahura, Sherlock, Schonstedt)
- Fielding NLCS to units prior to deployment – Iraq & Afghanistan
- Sustainment activities at five locations
- Retrograde of Equipment

OEF

- Fielding an OEF-unique SPARK in Afghanistan, CDR US Forces Afghanistan #2 priority (#1 is MRAP) – supporting just under 400 IED Rollers
- Fielding Hand-Held Explosive Detection Systems
- Site surveys being conducted for Entry Control Points (ECPs) for 234 OEF FOBs – will increase due to surge
- Sustainment activities at four locations



Managing Non-Acquisition Programs

- Theater-based, defined procurement (JUONS, ONS, etc.)
- Operational requirements often lack analytical underpinning
 - THREAT Characterization often based on “snap shot”, not broad analysis
 - A perfect solution to an ONS/JUONS might be countered
 - Difficulties shaping and controlling S&T
 - LOTS of effort.....is it focused correctly?
- Contracting = time effectiveness vs. cost efficiency
- Long term funding stability
 - AR2B helps short term, POM funding difficult without Acquisition Program (AP) status
- Sustainment is responsive, but costly
- Training is not institutionalized
 - Continuity of equipment, TTPs, & standards between Schoolhouse, Home Station, Pre-Deployment Centers, CTCs, & Theater
- Proponency can present difficulties when seeking AP status
 - SPARK proponent is MANSCEN/EN Center, but SPARK use is NOT strictly EN



Support for Natural Disasters

- No one knows what documentation needs to be in place to execute
- Locating & forwarding assets to execute the request in a timely manner
- All issues associated with fielding equipment on a VERY tight timeline (Accountability, Training, Sustainment)
- Previously supported requests for Non Lethal Capabilities Sets during Katrina
- Current Requests
 - Non lethal Capabilities Sets – ARSOUTH request
 - Acoustic Hailing Devices – NAV request
 - Full Spectrum Effects Package – Request for single system currently undergoing testing
- NL Ammo provided in support of Operation Resolute Rescue (Haiti)
 - Request for Cartridge 40mm & 12-Gauge Non-Lethal Point & Area Control rounds



**EARTHQUAKE
RELIEF
HAITI**





What is Needed From Industry?

- Continued support of Best Value acquisition
- Award “family type” contracts
 - Support warm production base
 - Flexible/agile production capability
 - Dual use facilities...DoD & commercial
 - Allow for soft landing/ramp-up
- Understand operational pressures driving procurement strategies