

Project Manager Maneuver Ammunition Systems

Munitions Executive Summit



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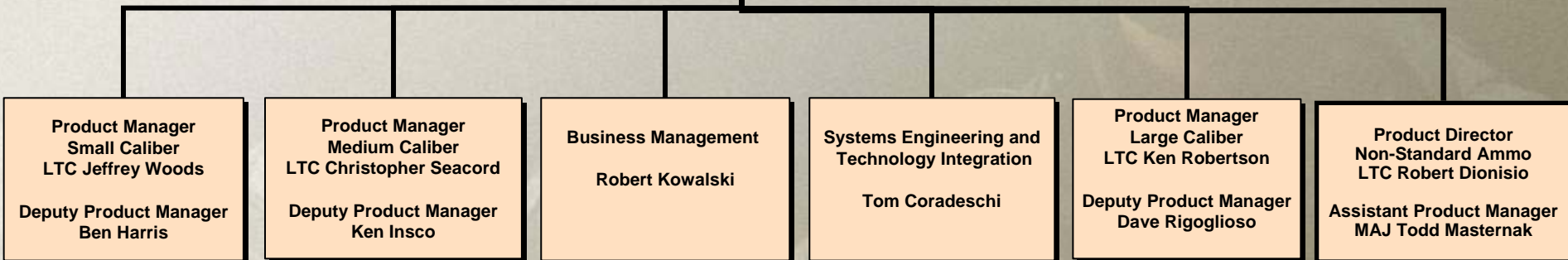
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Project Manager Maneuver Ammunition Systems (MAS)-Direct Fire



**Equipping US and Allied Warfighters with World Class
Direct Fire Combat and Training Ammunition Through
Strategic Life Cycle Management**



Support to Warfighter

FY09 Deliveries of DoD Munitions

Shotgun Shells	7.5M
Pistol Ammo	71.7M
5.56mm Ammo	1,012M
7.62mm Ammo	317M
.50 Cal Ammo	93M
20mm Cannon	5M
25mm Cannon	1.9M
30mm Cannon	6.7M
40mm Grenades	16.5M
105mm Tank	3K
120mm Tank	91K
Total	1,530M

FY09 Deliveries of NSA Munitions

Rifle Ammo	103M
Mortars	8K
RPGs	308K
Grenades	360K
Aircraft Munitions	15K
Total	103M

FY10 Look Ahead

- 5.56mm Green Ammo to Field in May 2010
- M829E4 Development Started

Working to Incorporate Evolutionary Improvements that improve Reliability, Lower Cost, Improve Safety and Grow Performance



Acquisition Challenge (Small Caliber/40mm RDT&E)



- **Issue:** Bulk of Small Arms (5.56mm thru 40mm) Ammo designs are 30-80 years old and lack of performance requirements prevent resourcing improvements
 - JCIDS process will require ~29 months to provide validated requirements
- **Plan:** Technology is available to provide improvements in performance, survivability, lighter weight, and ease of use now
 - Budget RDT&E funding in POM and generate requirements docs
- **Status:** Held Weapon Systems Review Special Session with DA
 - Agreement to look at what could be done to support technology insertion
 - G3 & TRADOC will prioritize and MCOE will provide a memo of endorsement
 - MCOE will start drafting requirements based on CBA gaps



Acquisition Challenge (NSA)

- **Issue:** Lack of centralized acquisition and standards for NSA had led to poor quality ammunition and long acquisition times
- **Plan:** PEO-Ammo established an office to serve as Product Director for Non-Standard Ammunition (PD NSA)
 - PD NSA established an Acquisition Strategy and Implemented Acquisition Processes to ensure Technical Management and Quality Assurance
 - This improved timeliness and enforced specification standards
- **Status:** Established long term contracts using Multiple Prime Contractors to support the war effort
 - Currently in process of establishing long term solution to NSA needs within the Army outside of Theater to support testing and training for the services





How Can Industry Help?

- **Provide ideas & technology to modernize ammunition and improve our warfighting capabilities**
- **Maintain engineering and scientific talent with limited and decreasing RDT&E dollars**
- **Maintain warm and cold surge capabilities with production quantities decreasing**
- **Prepare transition to lower production rates while maintaining reasonable costs, high quality and avoiding complacency**