MUNITIONS EXECUTIVE SUMMIT

PEO Cross-Service Panel

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• **Production Pipeline**
  • 331 orders = $2.1B

• **Industry Responsiveness**
  • 155mm Infrared Illuminating Projectile
    • USMC Urgent Need Spring’08
    • In Theater by June’08
• Industry Partnering – Mortar Primer Sensitivity
  • Problem
    • Increasing Sensitivity of the Federal 150 primer used in 81mm mortar
    • Same primer used in Federal shotgun shells
    • Concern driven by mortar use on the LAV if dropped on metal deck
  • Solution
    • Formation of comprehensive IPT
    • ATK/Federal; American Ordnance; POCAL; ARDEC; PEO Ammo (PM CAS); NSWC Crane, PM Ammo (USMC)
    • New primer design that meets USG needs
    • To be incorporated into all ignition cartridges
  • Results
    • Mitigates the probability of injury
  • Customer & War Fighter needs met
USMC AMMUNITION INVESTMENT FY99-FY15

Pre 9/11

GWOT

GWOT & “Grow The Force”
FY08-FY13 Procurement Breakout = $3.6B

(PRESBUD 09)
• Quality

• Continuous and...

... Sustained Improvement
• **Challenges**
  - USMC 202k Growth 2 Years Ahead of Schedule
  - Going “precise” costs!
• **Light-Weight Polymer-Based Ammunition**
  • Two component design: Polymer Caselet & Brass Base
  • Benefits (all calibers)
    • Weight savings: 23-25% demonstrated
    • 28-35% indicated (design goal)
    • Same or lower cost in full production
  • Calibers in development: 5.56mm, 7.62mm and .50cal
Systemic Issues – USG

- Unstable funding profiles
- Requirements fluctuation
- Alignment of Procurements & Requirements
- Joint Ordnance Commanders awareness
• **Changing Environment**
  
  • New Administration
  
  • Industries tolerance for risk and flexibility

• **The Key to Success**
  
  • Collaboration
  
  • Open and Frank Communication
• USMC continued reliance on Industry

• Single Manager for Conventional Ammunition

• Thank you