



MARINE CORPS SYSTEMS COMMAND

Equipping our MARINES

Marine Corps Systems Command Product Manager, Ammunition



Mr. Scott Adams
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Approved for Public Release



5 Teams Pressing Forward:

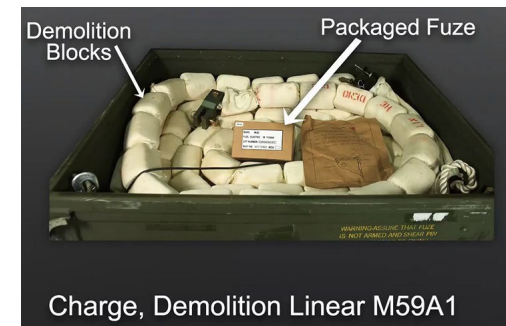
- 152.1 Maneuver Ammunition and Missiles
- 152.2 Close Combat and Combat Ammunition
- 152.3 Environmental & Explosives Safety
- 152.4 Inventory Management
- 152.5 Plans, Operations & Systems

FY24 Focus Areas:

- Continued Presidential Drawdown (PD) Support
- OIS-MC transition to NEO
- OM&S Ammo & OIS-MC IT NFR Remediation
- .50 Cal Polymer Lightweight Ammunition
- Mine Clearing Linear Charge (MICLIC) Maintenance
- 81mm Mortar Maintenance
- Service Life & Accelerated Age Test (SLAAT) Program
- Explosives Safety Management Program (ESMP)

Challenges:

- Audit NFR Remediation - \$4.9B inventory at hundreds of locations





- Lightweight ammunition
- Lightweight ammunition packaging
- Increased lethality with 40mm weapons systems
- 3D printable munitions and energetics
- 3D printable packaging
- Less hazardous combustion gases
- Reduced acoustic, thermal and visual signatures of small arms ammunition
- Warhead improvements
- Rocket motor improvements
- Recycling of Polyphenylsulfone (PPSU)
Ammunition Casings



- Stochastic Ammunition model for Lifecycle Logistics
- Anti-Personnel Obstacle Breaching System
- Lightweight, man-portable route clearance with high reliability and effectiveness

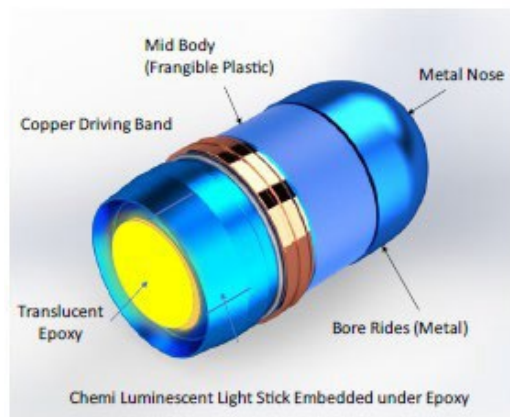
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Small Business Innovation Research (SBIR) Programs

- Anti-Personnel Obstacle Breaching System (APOBS) Improvement (FY24: \$725K)
 - Eliminate transverse wave in deployment
 - Optimize launch angle for terrain
 - Final Phase I Reports and Initial Phase II Proposals Submitted
 - Phase II Down Select in March
- One-Way Luminescence (OWL) for 40mm Tracer Cartridge (FY24: \$719K)
 - Non-incendiary solution
 - Provide mid-flight correcting capability for gunners
 - Phase I Progress Reports Submitted
 - Phase I Final Reports and Initial Phase II Proposals Submitted
 - Phase II Down-Select in May





- Emerging munitions
 - Ammunition Technician training
- Lithium Batteries
 - Facilities for storage and recharging
 - Transportation
 - Policy
- Electric Vehicles
- Autonomous Vehicles
- Supply Chain resilience
- Industrial Base modernization



Questions?

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