2016 Showcase for Commerce: Government Acquisition Leaders Briefing

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Armored Multi-Purpose Vehicle

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Enabling Land Dominance for America's Warfighters

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# Mission and Vision

<table>
<thead>
<tr>
<th>Mission</th>
</tr>
</thead>
<tbody>
<tr>
<td>Modernize, sustain and transform the Army’s portfolio of premier ground</td>
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<td>combat systems.</td>
</tr>
</tbody>
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<thead>
<tr>
<th>Vision</th>
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<tbody>
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<td>A team of trusted professionals delivering dominant ground combat</td>
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<td>systems for America's Warfighters.</td>
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</tbody>
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PEO GCS Portfolio: Overview

**PM Armored Fighting Vehicles (AFV)**
- Armored Multi-Purpose Vehicles
  - General Purpose (GP)
  - Mortar Carrier Vehicle (MCV)
  - Mission Command (MCmd)
  - Medical Evacuation Vehicle (MEV)
  - Medical Treatment Vehicle (MTV)

**Future Fighting Vehicle (FFV)**
- Self-Propelled Howitzer Systems
  - M109 A6 Paladin & M992A2 FAASV (current fleet)
  - M109 A7 Self-Propelled Howitzer (SPH) & M992A3 Carrier Ammunition Tracked (CAT) (formerly PIM)

**Bradley Fighting Vehicle Systems**
- M2A3 Infantry Fighting Vehicle (IFV)
- M3A3 Calvary Fighting Vehicle (CFV)
- Bradley Fire Support Team (BFIST)
- Engineer Vehicle

**PD Main Battle Tank Systems (MBTS)**
- Abrams Main Battle Tank
  - M1A2 SEPv2
  - M1A1 SA
- Combat Recovery Systems
  - M88 A2 HERCULES
  - M88 A1

**Stryker Family of Vehicles (FOV)**
- Flat Bottom (FB) Strykers (10 variants)
- Double V-Hull (DVH) Strykers (7 Variants)
  - Commander’s Vehicle (CV & CVV)
  - Medical Evacuation (MEV & MEVV)
  - Infantry Carrier (ICV & ICVV)
  - Engineer Squad (ESV & ESVV)
  - Mortar Carrier (MCV & MCVV)
  - Anti-Tank Guided Missile (ATGM & ATVV)
  - Fire Support Vehicle (FSV & FSVV)
  - Mobile Gun System (MGS)
  - NBC Reconnaissance (NBCRV)
  - Reconnaissance Vehicle (RV)

**M1200 Armored Knight**

**Enabling Land Dominance for America's Warfighters**
We will develop combat vehicle systems in concert with evolving Army Operating Concept direction and concepts and modify existing systems to meet near term capability gaps for network, lethality, mobility and survivability while sustaining systems for the current fight and divesting systems to free up sustainment resources.

Robust S&T Investments targeted at Future Fighting Vehicle technology initiatives: Vehicle Power and Data Architecture, Survivability, Automotive Sub-system Prototype, Lethality/Target Acquisition

Develop and field AMPV, integrate 3rd Gen FLIR, and explore new capability / investigate potential non-developmental item procurement to improve IBCT (ABN) forced entry capability

Modernize Abrams, HERCULES, Abrams A1, Bradley, Stryker, and SPHS through Engineering Change Proposals to buy back lethality, mobility, survivability and enable Network Integration

Reset and Sustain Stryker, RECAP Abrams A1, 2nd Gen FLIR for current contingency operations

Divest M113 as AMPV is fielded

• Army Operating Concept drives a reconsideration of priorities within the portfolio
• Industrial base sustainment continues to influence this portfolio
• Lower base funding allows us to sustain ABCTs but does not address the lethality and mobility issues in IBCTs, and lethality issues in SBCTs
• Resource limitations will keep production at MSR, this results in aging platforms and misalignment of capabilities within formations

AMPV – Armored Multi-Purpose Vehicle
HERCULES – Heavy Equipment Recovery Combat Utility Lift Evacuation System
IBCT (ABN) – Infantry Brigade Combat Team (Airborne)
FLIR – Forward Looking Infrared
SPHS – Self-Propelled Howitzer Systems
Modernize Existing Platforms
- ECP upgrades to Bradley, Abrams, M88A2, & Stryker
- Improve ability to host the network and buy-back performance

Replacement of Obsolete Platforms
- AMPV to replace M113 with greater survivability and capability
- PIM to significantly improve M109A6 Paladin and increase commonality with Bradley
- M88A1 upgrade to M88A2
- Initiate Future Fighting Vehicle (FFV) program when affordable and supported by technology

Sustain Existing Platforms
- M1200 Armored Knight in Sustainment
- Limited sustainment of M113 until AMPV deliveries
- M88A1 remains in the inventory

Develop Advanced Capabilities
- APS, Advanced Armor/protection approaches, Medium Caliber Gun and Airburst Ammo, LiO chemistry and packaging
- Explore New capability / Investigate potential NDI procurement to improve IBCT (ABN) forced entry capabilities
- Lethality upgrades to Abrams, Bradley, and Stryker
- Execute “clean sheet” advanced system concepts
- Define potential S&T to provide trade space for the future fighting vehicle
- Leverage robust S&T investment to enable a leap ahead in capability for future combat vehicle platforms.

Combat Vehicles remain critical for the Army to successfully execute operations as part of the Joint Team

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PEO GCS FY16 Priorities

• Modernize, Transform, and Sustain the Fleet
  – Develop and Field AMPV
  – Modernize Abrams, HERCULES, Bradley and Stryker and Paladin through ECP Efforts
  – Robust S&T Investments Targeted at Future Fighting Vehicles Technology Initiatives
  – Reset and Sustain Stryker and RECAP Abrams A1

• Support the European Activity Set Efforts
  – Install and Characterize Active Protection Systems for Abrams, Bradley, and Stryker
  – Stryker Lethality Operational Needs Statement Program
  – Build and field AMPV on an accelerated schedule
  – Support the potential fielding of additional Armored Brigade Combat Teams

• Manage Programs with a Focus on Acquisition Fundamentals
  – Emphasize use of metrics
  – Execute budgets and contracts to plan
  – Implement Better Buying Power Initiatives
  – Improve processes through Continuous Performance Improvement and Lean Six Sigma
  – Engage in activities to support Audit Readiness
  – Achieve 100 percent property accountability across all classes of supply
  – Ensuring competitive opportunities across the portfolio

• Develop and Sustain our Skilled Workforce
• Monitor and Help Ensure Viability of the Industrial Base (Private and Organic)
• Engage and Communicate Proactively with Key Stakeholders

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Questions?

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