Foundational Documents – Strategic Drivers –

• LRRDPP-GC
• PAWG
• G3/5/7 “Oklahoma” chart
• POM 19 Guidance
• “Third Offset”

• SPAR
• LIRA
• PEO 30-yr roadmaps

• DASA(R&T) Strategy
• Lethality Portfolio Strategy

• Army Warfighter Challenges
• Army 6+1 Priorities
  – Future Vertical Lift
  – Advanced Protection
  – Cross Domain Fires
  – Combat Vehicles
  – Robotics
  – Expeditionary Mission Command/Cyber
  – + Soldier/Team Performance Overmatch

• CNA Gaps
• Scenario 3 & 7

TECHNOLOGY DRIVEN. WARFIGHTER FOCUSED.
Missile S&T
Capability Areas

**Air Defense**
Defend the force and selected geopolitical assets from aerial attack, missile attack and surveillance
- Point Defense
- Area Defense
- Platform Defense

**Fire Support**
Destroy, neutralize, or suppress the enemy by cannon, rocket, and missile fire and to help integrate fire support assets into combined arms operations

**Ground Tactical (Close Combat)**
Direct fire and precision weapons, supported by indirect fire, air-delivered fires, and nonlethal engagement means to decide the outcome of battles and engagements

**Aviation Missiles**
Find, fix, and destroy the enemy through fire and maneuver; and to provide combat, combat service and combat service support in coordinated operations as an integral member of the combined arms team

**Pervasive Technology**
Proponent for 6.2 programs that are deemed too immature to transition to one of the four capability areas, are pervasive across two or more of the capability areas, or are core competencies
AMRDEC Missile S&T Technology Area Leads

- Cyber
- Sensor
- Missile Electronics
- Guidance
- Propulsion
- Lethality
- Radar
- DataLink & Communication
- Launcher
- Materials & Structures
- Power
- Aerodynamics
- Warhead/Fuze
- NAVIGATION SYSTEMS
- Control Systems
- Affordability / Manufacturing Technology
- Reliability/Maintainability
- Model & Simulation

Technology Driven. Warfighter Focused.
BCT Conducting Cross-Domain Maneuver

The Ability to think, access and employ organic and joint, interorganizational and multinational capabilities in all domains (Domains – Land, Air, Cyberspace, Space and Maritime)

Create synergy across all domains to increase relative combat power and disrupt enemy ability to employ capabilities across domains
**Land-Based Anti-Ship Missile (LBASM)**

**PURPOSE:**
- Adapt existing Army and Marine Corps HIMARS and MLRS rocket and artillery systems to suppress / defeat maritime-and land-based enemy air defense systems

**RESULTS/PRODUCTS:**
- Development and demonstration of appropriate sensor, datalink, and payload component technologies for engaging and defeating air defense artillery systems.
- Integration of these component technologies into prototype missile hardware and demonstration of this hardware in a relevant flight environment.
- Provides evidence for the feasibility of adapting existing Army and Marine Corps GMLRS and HIMARS systems for offensive anti-ship warfare.

**PAYOFF/BENEFITS:**
- Enables Army forces to support joint force freedom of movement and action through the projection of power from land into the maritime domain.

**SCHEDULE**

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