Army Transportation
“Tactical Wheeled Vehicle Fleet, The Decisions Ahead”

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Agenda

- Overview - Army Transportation Portfolio Overview
- Overview - Transportation Force Modernization
- Overview - Strategic Portfolio Analysis Review (SPAR) process
- TWV Modernization Strategy
- Summary Remarks
Transportation Portfolio Overview

1. Light Tactical Vehicles Modernization (LTV)
   - HMMWV
   - Ambulance

2. Tactical Wheeled Vehicle Armor Kits (TWV)
   - HTV Armor Kits
   - MTV Armor Kits

3. Heavy Tactical Vehicle Modernization (HTV)
   - HTV Development (USAREUR HET ONS Tractor-Trailer)
   - EHET RDT&E
   - Heavy Expanded Mobility Tactical Truck (HEMTT)
   - Heavy Dump Truck
   - Palletized Load System (Trailers & Enablers)
   - Palletized Load System RECAP

4. Trailers Modernization
   - Light Engineer Utility Trailer
   - Heavy Tactical Trailers

5. Family Maneuver Support Vessels (MSV-L)
   - Maneuver Support Vessels

6. Medium Tactical Vehicles (MTV)
   - Medium Tactical Vehicles

7. Watercraft Other SLEP / MOD
   - Logistics Support Vessel
   - Landing Craft Utility
   - Modular Causeway System
   - Tugs
   - Barge
   - Derrick
   - Watercraft Other RDT&E
   - Watercraft Other SLEP
   - Watercraft Modifications

Mine Resistant Ambush Protected Vehicles
- Mine Resistant Ambush Protected Vehicle
- Transitions to Sustainment OCT 2019
- MRAP Enduring Quantity of 8,222: (5,395 ea MATV; 2,526 ea Maxx Pro; 301 ea Maxx Pro LWB Ambulance)

Transportation Portfolio Plan in Support of the Army Modernization Strategy:

Near-term (2020-2024): Investments focus on supporting our priorities and objectives from currently fielded systems.

Mid-term (2024-2028): Optimize fleet mix and leverage new technologies to enable capabilities to reach overmatch.

Far-term (28-34): Continue to procure and field modernized vehicles to enhance overmatch capability.
AMERICA’S ARMY: GLOBALLY RESPONSIVE REGIONALLY ENGAGED

Transportation Force Modernization

**Force MOD 1.0**
- Transportation capabilities derived from currently fielded systems

**Focused Improvement**
- Improved drivetrain performance and reliability

**Force MOD 1.1**
- Enable legacy capabilities to reach overmatch

**Modernization Initiatives**
- Next-Generation Materiel Solutions

**Force MOD 2.0**
- Fully modernized force to enhance overmatch

**Transportation Force 2.0**: Revolutionizing new warfighting concepts / Fully modernized strength overmatch

**Tactical Vehicles**
- Joint light Tactical Vehicle (JLTV)
- USAREUR HET Tractor / Trailer MOD
- Enhanced HETS
- High Mobility Multipurpose Wheeled Vehicles / RECAP
- Family of Medium Tactical Vehicles
- Palletized Load System
- Heavy Expanded Mobility Tactical Truck
- Heavy Dump Truck Program

**Trailers**
- Light Engineer Utility Trailer
- Heavy Tactical Trailers
- Palletized Load System (Trailers & Enablers)

**Watercraft**
- Maneuver Support Vessel – Light (MSV-L)
- Logistics Support Vessel
- Landing Craft Utility
- Modular Causeway System (MCS)
- Watercraft Other (SLEP/ MODs)

**Transportation Force 1.1**: Enable legacy platforms for new warfighting concepts / Close gap/ reach overmatch

**Tactical Vehicles**
- M996 / M997 Divest
- Legacy HTV Fleet: HEMTT / PLS / HDT / HET Divest
- Legacy HTV Fleet: 5 Ton / 2.5 Divest

**Trailers**
- N/A

**Watercraft**
- Landing Craft Mechanized (LCM-8)
- Tugs (Small)
- Barge Derrick

**Transportation Force 1.0**: Transportation capabilities derived from currently fielded systems
**Mission:** Develop a coordinated thirty Year strategy, including the upcoming Program Objective Memorandum (POM), to meet the Army strategic equipping goals at an acceptable level of risk.

**Purpose:** Enable senior leaders to make resourcing and prioritization decisions for Army capabilities over time by providing resourcing options to mitigating Army capability gaps by enabling modernization, development and sustainment.

**Objectives:**
- Verify priorities, objectives, and accomplishments, and identify changes to CSA strategic priorities
- Seek shaping guidance for key portfolio Near Term Decision Points and Decision Space impacting Mid Term capabilities.
- Recommend options to close identified gaps.
- Confirm and synchronize S&T Planning Priorities.
- Recommend Affordable Portfolio Strategy (Ends, Ways, Means)
- Address HASC / SASC language requirements: Army’s plan for executing its ground combat vehicle modernization strategy.
TWV Modernization Strategy

Budget (FY19)

POM Years (FY 2020 – FY 2024)

EPP (FY 2025 – FY 2036)

Light Tactical Vehicles
- HMMWV: Age 11
  - FY21 (Recap)
  - Sustainment
- JLTV: Age 18
  - FY18: MMR
  - FY19: Ambulance new Proc
  - FY22: HMMWV Ambulance MOWT Recap
  - JLTV RDT&E
- Procurement

Medium Tactical Vehicles
- FMTV: Age 7
  - ECP Procurement

Heavy Tactical Vehicles
- HEMTT: Age 8
  - RECAP
  - FY22: HEMTT Recap/Procurement
- HET5: Age 11
  - FY19: MOWT
  - FY22: HET5 Recap/Procurement
- M915: Age 11
  - FY19: MOWT
  - FY22: M915 Recap/Procurement
- Dump Truck: Age 11
  - IOC
  - Procurement
  - SS
  - Sustainment

MRAP
- Age 10
  - Fielding
  - SS
  - Sustainment

Crew & Cargo Protection Kits
- LEUT
- M870: Age 26
  - Procurement
  - Sustainment
- M172: Age 65
  - Procurement
  - Sustainment
- M872: Age 22
  - Procurement
  - Sustainment
- M1076: Age 10
  - Procurement
  - Sustainment

Tactical Trailers
- Procurement
- Sustainment

Symbols:
- Upgrade
- New Start
- Divestment
- Decision Point
- IOC / FOC
- Transition IPT
- RDTE
- Procure
- Sustain
Summary Remarks

- The Transportation Portfolio is essential to support the Big Six Modernization priorities conducting Multi Domain Operations and Large Scale Ground Combat Operations.

- SPAR combines the best of the Program Reviews and the LIRA into the SPAR to make sound Army Investment Decisions.

- 3 key modernization efforts
  - HEMTT and PLS decision in FY22 to begin modernization by either RECAP or procurement.
  - HWMMV RECAP decision in FY21 for LTV modernization.
  - Ensure the right mix of trailer capability for Divisional / Corps ground movement.

- The SPAR process enables The Transportation Portfolio to make incremental improvements to existing platforms and systems, while we make prudent investments in emerging and breakthrough technologies to address future gaps.
Questions