Transportation Systems

Product Manager
Heavy Tactical Vehicles (PdM HTV)

Product Manager
Medium Tactical Vehicles (PdM MTV)

Product Director
Light Tactical Vehicles (PdD LTV)

Product Manager
Allied Tactical Vehicles (PdM ATV)

Product Director Army
Watercraft Systems (PdD AWS)

Product Lead
Ground Mobility Vehicles (PdL GMV)

Palletized Load System (PLS)

Light Medium Tactical Vehicles (LMTV)

High Mobility Multipurpose Wheeled Vehicle (HMMWV)

Mobile Strike Force Vehicle (MSFV)

Landing Craft (Lighters)

Heavy Expanded Mobility Tactical Truck (HEMTT)

Medium Tactical Vehicles (MTV)

HMMWV With TOW

Allied Light Tactical Vehicle (ALTV)

Air Drop (Notional)

Line-Haul Tractors

FMTV Based Specialty Vehicles

HMMWV Ambulance

Allied Medium Tactical Vehicle (AMTV)

GMV (Notional)

Heavy Equipment Transporter System (HETS)

FMTV Trailers

Light Tactical Trailer

Sports Utility Vehicle ASUV

Floating Craft

Bus
PD AWS executes Life Cycle Management (LCM) through a unique matrix of organizations.

The Materiel Enterprise enhances communication, coordination, and collaboration between the ASA(ALT) and AMC communities.

Roles and Responsibilities

HQDA

ASA(ALT) - AMC

The Materiel Enterprise enhances communication, coordination, and collaboration between the ASA(ALT) and AMC communities.

Requirements

TRADOC

Modernization

Modernization

Sustainment

Sustainment

PEO CS&CSS

TACOM LCMC

Army Contracting Command - Warren

PD AWS

ILSC

Army Contracting Command - Warren

PD AWS executes Life Cycle Management (LCM) through a unique matrix of organizations.
Portfolio Overview

Landing Craft

Logistic Support Vessel (LSV)
- AAO (8): 5 AC/3 RC/0 APS
- 1988 – First Fielding
- 26 Yrs/9 Yrs (LSV7-8)
- 1990 – First Fielding
- 25 Yrs

AAR (34): 7 AC/7 RC/20 APS
- 1967 – First Fielding
- 44 Yrs

(To be displaced by the MSV(L))

AAR (36): 9 AC/9 RC/18 APS

Landing Craft Mechanized (LCM-8)
- 1967 – First Fielding
- 44 Yrs

Towing & Terminal Support

Large Tug (LT)
- AAO (8)*: 1 AC/2 RC/3 APS
- 1994 – First Fielding
- 22 Yrs

AAR (6): 2 AC/0 RC/4 APS
- 1999 – First Fielding
- 16 Yrs

AAR (16): 2 AC/6 RC/8 APS
- 1998 – First Fielding
- 15 Yrs

AAR (36): 9 AC/9 RC/18 APS

AAR (6)*: 0 AC/2 RC/2 APS

Barge Derrick (BD)

Modular Warping Tug (MWT)
- AAR (8)*: 1 AC/2 RC/3 APS
- 15 Yrs

Modular Causeway System (MCS)
- 1996 – First Fielding

Roll-On/Roll-Off Discharge Facility (RRDF)
- AAR (6): 2 AC/0 RC/4 APS
- 21 Yrs

AAR (18)*: 5 AC/0 RC/11 APS
- 19 Yrs

Ship-to-Shore Enablers

Causeway Ferry (CF)
- AAR (3): 1 AC/0 RC/2 APS
- 15 Yrs

Floating Causeway (FC)
- AAR (3): 1 AC/0 RC/2 APS
- 13 Yrs

- Small density fleet (132 complex system of systems)
- No single OEM or Organic Depot support
- Many different configurations
- Several platforms at or past Economic Useful Life
- Half of the fleet in Army Prepositioned Stock (APS 4 & 5)
- Unique requirements (Code of Federal Regulations)

* Currently short of the AAR.
Systemic Challenges

Declining budgets

- Steadily growing theater demand signal
- Bow-wave of modernization investment necessary to field an operationally relevant fleet

Challenges AWS faces given the current state of Demand, Readiness and Relevance:
- Aging fleet with escalating obsolescence issues
- Constrained portfolio funding (Other Procurement, Army (OPA), Operations, & Maintenance, Army (OMA) and Research, Development, Test, & Evaluation (RDT&E))
- Incomplete Technical Data Packages (TDP)
- Outdated Technical Manuals (TM)
- Lack of institutional infrastructure for sustainment supply
- Lack of robust and properly employed knowledge management processes and systems for real-time/accurate field reporting
AWS Priorities – What to Watch!

- Landing Craft Utility (LCU) Service Life Extension Program (SLEP) Source Selection Evaluation Board (SSEB) in session; Contract Award for Phase I end FY16; Phase II commences in FY18.
- Maneuver Support Vessel (Light) (MSV(L)) **Request for Proposal** (RFP) under development with release projected end of **3QFY16**. Milestone (MS) B projected for end **2QFY17**.
- LCU Command, Control, Communications, Computer, Intelligence, Surveillance, & Reconnaissance (C4ISR) upgrades complete for 14 Continental Untied States (CONUS) vessels; upgrades for 10 of 20 Outside the Continental United States (OCONUS) vessels to be completed by end FY17.
- Stand-alone System Technical Support (STS) contract for AWS-specific support; **RFP** target of **4QFY16**
- Initiate a Watercraft Systems Performance Based Logistics (PBL) Business Case Analysis (BCA)
- **Request for Information** (RFI) release (est. **June 2016**) to evaluate manufacturing capability of two Modular Warping Tugs to fill Army Acquisition, Objective (AAO) shortage

Monitor Federal Business Opportunities at **FBO.gov** for opportunities and updates!
Questions
Back-up
Transportation Portfolio Priorities

AWS current fleet spending prioritization aligns with VCSA priorities for the Sustainment (Transportation) Portfolio per the following categories:

1. Safety  
2. C4ISR  
3. Statutory/Environmental  
4. Obsolescence  
5. Regulatory

Total existing AWS portfolio assessed at ~ $1.77B which requires ~ $71M/yr to keep current.

Army Watercraft fleet ranks high in the VCSA’s portfolio prioritization but only gets ~7.8% of total portfolio funding.

Source: “Tactical Wheeled Vehicle Decision Points” Briefing for CSA; DAMO-CIS//As of 4 No 15//v7. Priorities approved by VCSA during Sustainment (Transportation) CPR, 30 Sep 14