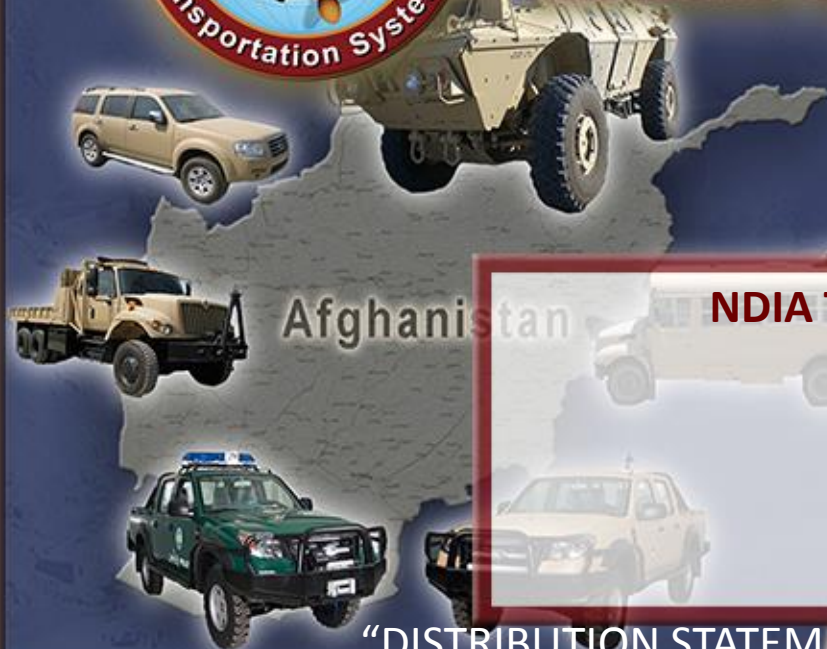




U.S. ARMY



PROJECT MANAGER TRANSPORTATION SYSTEMS



Afghanistan

NDIA TWV Conference

11 May 2016

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Transportation Systems



**Product Manager
Heavy Tactical Vehicles
(PdM HTV)**



Palletized Load System (PLS)



Heavy Expanded Mobility Tactical Truck
(HEMTT)



Line-Haul Tractors



Heavy Equipment Transporter System
(HETS)
PM TS - NDIA



**Product Manager
Medium Tactical Vehicles
(PdM MTV)**



Light Medium Tactical Vehicles (LMTV)



Medium Tactical Vehicles (MTV)



FMTV Based Specialty Vehicles



FMTV Trailers



**Product Director
Light Tactical Vehicles
(PdD LTV)**



High Mobility Multipurpose Wheeled
Vehicle (HMMWV)



HMMWV With TOW



HMMWV Ambulance



Light Tactical Trailer



**Product Manager
Allied Tactical Vehicles
(PdM ATV)**



Mobile Strike Force Vehicle (MSFV)



Allied Light Tactical Vehicle (ALTV)



Allied Medium Tactical Vehicle
(AMTV)



Sports Utility Vehicle ASUV)



Bus



**Product Director Army
Watercraft Systems
(PdD AWS)**

Landing Craft (Lighters)



Floating Craft



**Product Lead
Ground Mobility Vehicles
(PdL GMV)**



Air Drop
(Notional)



GMV
(Notional)



Roles and Responsibilities



HQDA

Requirements
TRADOC

ASA(ALT)

AMC

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

Modernization

Sustainment



PEO
CS&CSS



TACOM LCMC



Army
Contracting
Command



PD AWS



ILSC



Army
Contracting
Command -
Warren



TARDEC

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





Portfolio Overview



Landing Craft

1988 – First Fielding

26 Yrs/
9 Yrs (LSV7-8)



Logistic Support Vessel (LSV)

AAO (8): 5 AC/3 RC/0 APS

1990 – First Fielding

25
Yrs



Landing Craft Utility (LCU) 2000

AAO (34): 7 AC/7 RC/20 APS

1967 – First Fielding

44
Yrs



(To be displaced by the MSV(L))

Landing Craft Mechanized (LCM-8)

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

Towing & Terminal Support

1994 – First Fielding

22
Yrs



Large Tug (LT)

AAO (8)*: 1 AC/2 RC/3 APS

1998 – First Fielding

15
Yrs



Small Tug (ST)

AAO (16): 2 AC/6 RC/8 APS

1999 – First Fielding

16
Yrs



Barge Derrick (BD)

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

Ship-to-Shore Enablers

15
Yrs



Roll-On/Roll-Off Discharge Facility (RRDF)

AAO (6): 2 AC/0 RC/4 APS

13
Yrs



Modular Warping Tug (MWT)

AAO (18)*: 5 AC/0 RC/11 APS

21
Yrs



Causeway Ferry (CF)

AAO (3): 1 AC/0 RC/2 APS

19
Yrs



Floating Causeway (FC)

AAO (3): 1 AC/0 RC/2 APS

Modular Causeway System (MCS)

1996 – First Fielding

- 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 AAO.

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 United 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





AMERICA'S ARMY:

THE STRENGTH OF THE NATION

UNCLASSIFIED//FOUO

PRE-DECISIONAL LMDIS

Portfolio Prioritization Recommendation

Army G-3/5/7

	Dollar Type	Total	% of Total	Portfolio Prioritized Solutions
ICAL VEHICLE (JLTV)	Base	4,827,246	66.20%	1. Joint Light Tactical Vehicle (JLTV)
IM TACTICAL VEHICLES (FMTV)	Base	1,174,498	16.11%	2. Maneuver Support Vessel – Light (MSV-L)
HER	Base	287,247	3.94%	3. LCU C4ISR upgrades / SLEP
UVER SUPPORT VESSELS	Base	279,839	3.84%	4. TWV Armor Capable / Vehicular Automation
ION KITS	Base	261,908	3.59%	5. TWV protection kits
	Base	134,000	1.84%	6. AWS protection
	Base	75,880	1.04%	7. Trailer modernization (HETT)
EHICLE (LTV) HIGH MOBILITY TRAILER	Base	70,854	0.97%	8. AWS modernization
0 SYSTEM (PLS)	Base	69,818	0.96%	9. Enhanced TWV deployability and employability enabling expeditionary maneuver
E MODIFICATIONS	Base	47,949	0.66%	10. MTV / HTV recapitalization/reset
	Base	31,470	0.43%	11. TWV divestment
ED LOAD SYSTEM (PLS)	Base	19,287	0.26%	12. HMMWV recapitalization/reset
AMBUSH PROTECTED (MRAP) VEHICLE (CSST)	Base	7,534	0.10%	13. Reduced fleet logistics and sustainment requirements
VEHICLE (HTV) OTHER	Base	4,000	0.05%	
	Total	7,291,530	100.00%	

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

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

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