



# Tactical Wheeled Vehicles Conference

"It's All About The Warfighter"

## "The Road Ahead"



**10 May 2016**



# Our Mission

"It's All About The Warfighter"

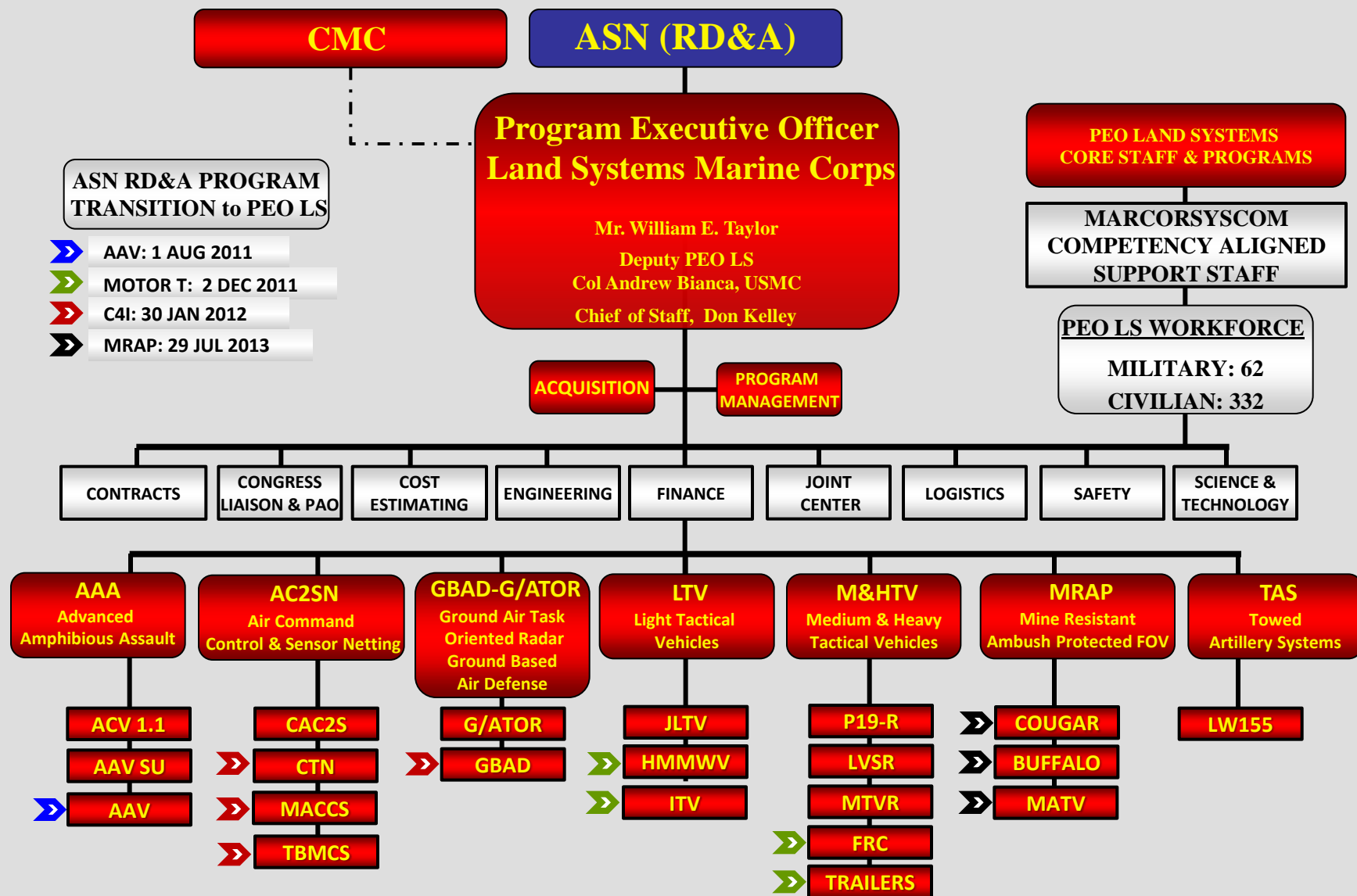
**“Program Executive Officer Land Systems (PEO LS) will meet the Warfighter’s needs by devoting full-time attention to Marine Corps Weapon Systems acquisition, while partnering with Marine Corps Systems Command, in order to develop, deliver, and provide life-cycle planning for assigned programs.”**





# Organizational View

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# Portfolio

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**A**

**B**

**C**

**FRP**

**Sustainment**

	Material Solution Analysis	Technology Maturation & Risk Reduction	Engineering & Manufacturing Development	Production & Deployment	Operations & Support
ACAT I	◆ AoA	◆ Preliminary Design Review	◆ Critical Design Review ACV 1.1 	◆ LRIP Decision Review ◆ IOT&E IOC G/ATOR JLTV, (Army Lead Service) CAC2S Phase 2	FOC MTRV CAC2S Phase 1 HMMWV
ACAT II					LVSR LW 155
ACAT III			AAV SU 		ITV MRAP CTN
ACAT IV				P-19R Fire truck 	FRC MACCS MTRV Trailer
OTHER					GBAD (Legacy) AAV (Legacy)





# Program Portfolio by ACAT Level & \$

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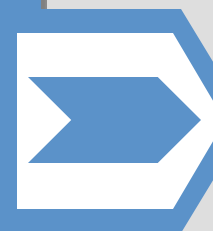
## PB-17 \$M (including OCO)

Program	ACAT	FYDP (FY17-21) \$M
JLTV	ID <sup>1</sup>	\$ 2,032
ACV 1.1	IC	\$ 1,699
G/ATOR	IC	\$ 1,351
AAV SU	III	\$ 569
CAC2S	IAC	\$ 345
P-19R	IVM	\$ 139
LW155	II <sup>2,3</sup>	\$ 82
<b>MRAP- 2,510 qty</b>	<b>III<sup>3</sup></b>	<b>\$ 77</b>
<b>MTVR- 8,750 qty</b>	<b>IC<sup>3</sup></b>	<b>\$ 47</b>
<b>ITV- 411 qty</b>	<b>III<sup>3</sup></b>	<b>\$ 19</b>
<b>LVSR- 2,000 qty</b>	<b>II<sup>3</sup></b>	<b>\$ 11</b>
<b>FRC- 346 qty</b>	<b>IVM<sup>3,4</sup></b>	<b>\$ -</b>
<b>HMMWV- 18,500 qty</b>	<b>IC<sup>3,4</sup></b>	<b>\$ -</b>
<b>MTVR TRAILERS- 1,695 qty</b>	<b>IVM<sup>3,4</sup></b>	<b>\$ -</b>
ACAT Total		\$ 6,370
Non-ACAT Total		\$ 495
PEO Total		\$ 6,865

- 1 Joint Program; Army-Led
- 2 Joint Program; USMC Led
- 3 Over 90% expended; non-reporting
- 4 Limited funding available through vehicle Mod-lines
- shared across various motor transport programs

## Number of Programs by ACAT

Program	Active	Non-Reporting
ACAT I	3.5	2
ACAT II		2
ACAT III	1	2
ACAT IV	1	2
Non-ACAT 7 Programs/line items		



**Only 2.5% of the overall PEO budget is spent on TWV Fleet sustainment.**



# TWV Fleet Sustainment Overview

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TWV Fleet Sustainment	Average Retail Readiness FY16 Q1&Q2	OPFOR Total Part Costs FY16 Q1&Q2	Major Components that Cause Deadlines
MRAP	71%	\$ .480M	<ol style="list-style-type: none"> <li>1. Pneumatic Tires</li> <li>2. Battery- 12 Volt</li> <li>3. Windshield Wiper Motor &amp; Blades</li> </ol>
MTVR	88%	\$5.117M	<ol style="list-style-type: none"> <li>1. Battery- 12 Volt</li> <li>2. Ball Joint</li> <li>3. Encased Seal</li> </ol>
ITV	70%	\$ .416M	<ol style="list-style-type: none"> <li>1. Ball Joint</li> <li>2. Battery- 12 Volt</li> <li>3. Vehicle Boot Components</li> </ol>
LVSR	85%	\$ .937M	<ol style="list-style-type: none"> <li>1. Battery- 12 Volt</li> <li>2. Ball Joint Part Kit</li> <li>3. Seal, Nonmetallic Special Shaped</li> </ol>
FRC	99%	\$ .022M	<ol style="list-style-type: none"> <li>1. Fuels System Valve</li> </ol>
HMMWV	86%	\$5.857M	<ol style="list-style-type: none"> <li>1. Battery- 12 Volt</li> <li>2. Ball Joint Part Kit</li> <li>3. Headlight Lamp Assembly</li> </ol>
MTVR Trailers	98%	\$ .069M	<ol style="list-style-type: none"> <li>1. Tapered Bearing, Roller</li> <li>2. Encased Seal</li> <li>3. Wiring Harness</li> </ol>
<b>Total</b>	<b>85%</b>	<b>\$12.898M</b>	



# Tactical Wheeled Vehicles Fleet Management Program

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- **To provide portfolio management of the TWV Fleet**
  - **Enable a cooperative environment for portfolio level problem identification, discussion, and resolution.**
  - **Enable the PEO to foster more effective communication with external stakeholders.**





# Tactical Wheeled Vehicles Fleet Management Program

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## Goals and Objectives

- **Provide visibility and analysis on common problems across the TWV portfolio.**
- **Establish management data, metrics and information system requirements to support streamline TWV portfolio management.**
- **Recommend modernization initiatives/efforts for the TWV fleet to the Combat Developer, to include timeline for initiating analyses and budget actions.**
  - **Safety (Stability Control) and Force Protection (Armor, Transparent Armor, AFES).**
  - **Integrated C4I (VICTORY Compliance).**
  - **Fuel Efficiency, APUs and OBVP.**
  - **Logistics/Supportability (Prognostics, Diagnostics, CBM+).**
- **Support USMC Enterprise Goals such as Lighten the MAGTF and Energy Reduction.**





# PEO LS TWV “The Road Ahead”

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- **Areas of future investments:**
  - **Ballistic Glass Solutions.**
  - **Fuel Efficiency Initiatives.**
  - **Armor Repair/Cracking.**
  - **Lightweight Material Solutions.**



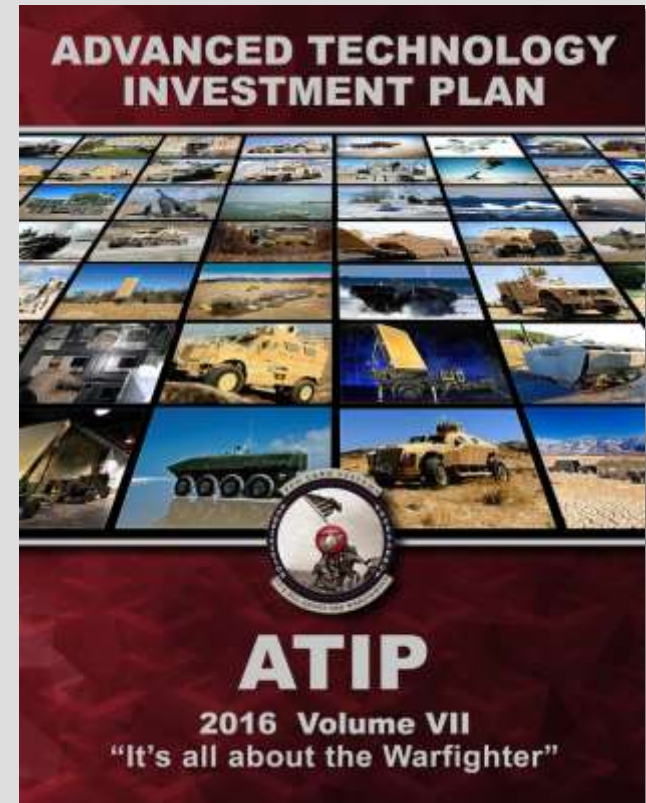
- **Upcoming Contract Activities:**
  - **MRAP: RFP for Egress Kits Installation – 3<sup>rd</sup> QTR FY16.**
  - **MHTV: RFP for ECP – DP – 4<sup>th</sup> QTR FY16.**
  - **LTV: RFP for UTV CLS – 4<sup>th</sup> QTR FY16**



# Advanced Technology Investment Plan (ATIP)

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- **ATIP – Our 7<sup>th</sup> Provides an update to the Top Technical Issues of PEO LS Programs.**
- **The Top Technical Issues vetted through the Program Managers.**
- **Designed to**
  - **foster collaboration**
  - **align S&T investments**
  - **and support effective, affordable technology insertion within PEO LS Programs.**



**Available Electronically at the Defense Innovation Marketplace (DIM):**  
[www.defenseinnovationmarketplace.mil/resources/USMC/2015ATIP\\_4172015\\_FINAL.pdf](http://www.defenseinnovationmarketplace.mil/resources/USMC/2015ATIP_4172015_FINAL.pdf)



# Expanding the “Best Value” Continuum “Monetizing” Best Value

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- **New DoD Source Selection Procedures (SSP) issued 1 Apr 2016 by Director, Defense Procurement and Acquisition Policy (DPAP)**
  - **Rescinds SSP issued 4 March 2011**
- **Expands the Discussion of Best Value Tradeoffs**
- **Expresses Methodologies for Placing Monetized Value for Performance / Capability “Above Threshold”**
  - **One Size does not have to fit all Source Selections**

## **Answers the Question:**

**What is the Government willing to pay for higher quality performance between Threshold (minimum) and Objective (maximum)?**



# **“Monetizing” Best Value**

## **Two Different Approaches / Two Different Successes**

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### **➤ JLTV**

- **Value Adjusted Total Evaluated Price (VATEP)**
- **Monetized Downward adjustments (“Credits”) for Discrete Performance / Capability Above Threshold Identified and Quantified in the RFP**

### **➤ ACV**

- **Average Manufacturing Unit Cost (AMUC) Premium Limit**
- **Identified a Specific Percentage in the RFP Above the Lowest Priced Technically Acceptable (LPTA) AMUC for Performance / Capability Above Threshold**

**Both Programs Successfully  
Withstood Protests**





# Questions?

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