AFFORDABLE

CAPABLE

RELIABLE

“Aligning Our Tactical Wheeled Vehicle Fleet For The Future”

2012 NDIA Tactical Wheeled Vehicle Conference
Monterey, California
PEO Alignment
5 Years of Operation (2007-2012)

- Probability of Program Success (PoPS) 2008
- Advanced Technology Investment Plan
- Stand up of Marine Corps’ first PEO/ January ’07
  Competency Aligned
  IOC, Oct ‘07
- Program Health
  CAC2S Restructure
  G/ATOR PDR
  LVSR FRPD (Cargo)
  LVSR MS C for (Tractor / Wrecker)
  MTVR ACAT 1C
  MTVR FOC
  MTVR LFT&E

- Established Cost Estimating Team
- Standardized OTRR Process
- Cost Estimating

2009
- CAC2S MS C (Phase 1)
- G/ATOR Restructure
- G/ATOR CDR
- LVSR IOC

2008
- G/ATOR Restructure
- CAC2S - Phase 1 Fielding & IOC
- G/ATOR - ACAT 1
- LW155 FOC
- LVSR - FRPD for Tractor & Wrecker
- Light, Medium & Heavy Vehicle Realignment

2011/2012

Full Competency Alignment (Includes PM AAA)
Original PEO LS Program Portfolio (Circa 2007)

- Expeditionary Fighting Vehicle (EFV)
- Logistics Vehicle System Replacement (LVSR)
- Medium Tactical Vehicle Replacement (MTVR)
- Lightweight 155 (M777)
- Joint Light Tactical Vehicle (JLTV)
- Marine Personnel Carrier (MPC)*
- Ground Air Task Oriented Radar (G/ATOR)
- Common Aviation Command & Control System (CAC2S)
“We have to make changes in every category of the budget in order to meet this $447B target. That includes modernization.”

“Preserving investments in science, technology and innovation also is important...because that's the seed corn of the future.”

“We want to make sure that 10 years, 15 years from now we still have an industrial base that supports our key weapon systems even if we're not able to buy in those areas at the rates or in the volume that we had planned before we were handed this cut.”
Program Realignment / Portfolio Transition
  • Domain Logic
  • Synergy Between Related Programs
  • Organizational Efficiency

Enhanced Cost Fidelity and Control Strategies
  • Institutionalize Cost Informed Capabilities Development Process
  • Better Alignment Between Cost Estimators and Engineers
  • Organic Earned Value Capability
How We’ve Realigned the Vehicle Fleet

Light Fleet

Medium/Heavy Fleet

Amphibious Fleet

2 Dec 2011 ADM Realigned 14 separate programs formerly aligned under MCSC
<table>
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<tr>
<th>Concept Refinement</th>
<th>Technology Demonstration</th>
<th>Engineering, Manufacturing, Development</th>
<th>Production and Deployment</th>
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<td>MS-A</td>
<td>MS-B</td>
<td>MS-C</td>
<td>IOC</td>
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<td>Amphibious Combat Vehicle (ACV)</td>
<td>P-19 Firetrucks</td>
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<td>LVS</td>
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<td>Marine Personnel Carrier (MPC)</td>
<td>Joint Light Tactical Vehicle (JLTV)</td>
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<td>MTVR</td>
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<td>(AAV) MODs</td>
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**State of the Vehicle Fleet**
Aligning the Trailer & Container Fleet

**Light Fleet Trailers (JLTV/HMMWV)**
- Trailer, Light Tactical, Cargo, Heavy M1102H (FOC)
- Trailer, Light Tactical, M1102MCC (FOC)

**Medium Fleet Trailers MTV (MTVR)**
- Trailer, Cargo, M105A2 (FOC)
- Trailer, Tank, Water M149, M149A1, M149A2 (FOC)
- Trailer, General Purpose, M353 (FOC)
- Trailer, Cargo, Re-Supply F/HIMARS, MK38 (FOC)
- Semi-Trailer, Aircraft Refueler, MK970 (FOC)

**Heavy Fleet Trailers (LVSR)**
- Medium Heavy Equipment Transporter (MHET), M870A2-S (40 Ton) (FOC)
- Medium Heavy Equipment Transporter, M870A2E1 (50 Ton) (FOC)
- Flatrack Refueler Container (MS C)
- Trailer, Palletized Loading System M1077/MK1077 (FOC)
- Flatrack, Palletized Loading System M1076 (FOC)

**Additional Listings**
- Trailer, Cargo (MTVR) MK105 (MS C)
- Trailer, Full Up Power Pack, M1073 (FOC)
DARPA Fast Adaptable Next-Gen Ground Vehicle (FANG)

• Key is to remain open-minded and receptive to all technological trail blazers; independent of our confidence level as to whether or not these initiatives will actually pan out.

ADVANCED TECHNOLOGY INVESTMENT PLAN (ATIP)

• PEO’s third release.
• Focus areas are: Power, Energy, Survivability.

Copies will be available upon request. Contact Dave Branham, my Public Affairs Officer at (703) 432-5132 or David.Branham@usmc.mil
“The Marine Corps can’t sacrifice its wholesale modernization plans to budget cuts because another “bow wave” of programs await the Corps in the 2020s.”

LtGen Richard Mills
Deputy Commandant
Combat Development & Integration
William E. Taylor
PEO Land Systems Marine Corps
Quantico, VA
703-432-3370
Bill.Taylor@usmc.mil