



MARINE CORPS SYSTEMS COMMAND

PROGRAM EXECUTIVE OFFICER LAND SYSTEMS



Advanced Planning Briefing to Industry
30 April – 2 May 2012

Medium & Heavy Tactical Vehicles

Mr. Bryan Prosser



MARINE CORPS SYSTEMS COMMAND

PROGRAM EXECUTIVE OFFICER LAND SYSTEMS



- PM Medium & Heavy Tactical Vehicles
 - Medium Tactical Vehicle Replacement (MTVR)
 - MTVR Trailer
 - Logistics Vehicle System Replacement (LVSR)
 - Aircraft Crash Fire Fighting Vehicle (P19R)
 - Flatrack Refueling Capability (FRC)
 - Medium and Heavy Tactical Trailers

- Industry Opportunities
 - Lighten the MAGTF
 - Fuel Efficiencies
 - MTVR Logistics Support Contract
 - P-19R



MARINE CORPS SYSTEMS COMMAND PROGRAM EXECUTIVE OFFICER LAND SYSTEMS



Lighten the MAGTF

➤ **Initiative: Eliminate or reduce MTRV and LVSR requirements to armor CONUS and MPF vehicles; reduce armored vehicle AAO**

- LVSR Armor AAO reduced by DC CD&I in Feb 2011 from 800 to 651 units reducing MAGTF weight by approximately 521,500 lbs
- Installation of CONUS armor limited to Home Station Training requirements by DC CD&I
- Obstacles to achieving initiative
 - Requirement remains to armor 100% of the 333 MPF vehicles
 - Funding required for long term storage of uninstalled armor kits
 - Reset/Reconstitution strategy of returning 301 OEF vehicles leaves armor installed

➤ **Initiative: Fuel Efficient MTRV**

- Seeking solution that increases fuel efficiency and maintains required performance threshold
- POM supports a FYDP wedge for capability transition efforts providing at least 15% improvement of MTRV payload ton-mpg; transition planned FY15-FY17
- Obstacles to achieving initiative
 - Sustaining the investment cost to deliver affordable solution
 - Maintaining POM request to transition technology.



MARINE CORPS SYSTEMS COMMAND

PROGRAM EXECUTIVE OFFICER LAND SYSTEMS



Fuel Efficiencies

Program Description

- Through analysis, modeling and simulation, hardware development, integration, test, and evaluation, the Fuel Efficient Medium Tactical Vehicle Replacement (MTVR) FNC program will select, bench test, and integrate into a wheeled vehicle demonstrator a suite of affordable fuel efficiency enabling technologies

Goal

- Create at least 15% improvement in MTVR payload ton-mpg over a representative operational drive cycle while maintaining current MTVR mobility, transportability, and survivability requirements

Products to be Delivered

- MTVR energy consumption analysis, including energy flowcharts illustrating the location and amount of energy lost/consumed over individual components
- Materiel Solutions Analysis Technical Report including recommendations of fuel efficient enabling technologies applicable to MTVR for further development and demonstration. The report will include estimates of technology acquisition and integration costs.
- MTVR fuel efficiency demonstrator vehicle integrated with fuel efficiency enabling technologies selected from the Materiel Solutions Analysis Technical Report
- MTVR fuel efficiency demonstrator vehicle Test Report containing fuel consumption and mobility performance test results of the demonstrator evaluated over a range of operationally relevant environments at a Government approved testing facility



MARINE CORPS SYSTEMS COMMAND PROGRAM EXECUTIVE OFFICER LAND SYSTEMS



MTVR Contractor Logistics Support (CLS) Contract

- Program Manager's Intent
 - Seamless support to warfighter
 - Obtain data to support BCA for long-term MTVR support strategy
- Considering open competition contracting strategy based on responses to RFI
- BCA to assess CLS vs. PBL vs. Organic



MARINE CORPS SYSTEMS COMMAND PROGRAM EXECUTIVE OFFICER LAND SYSTEMS



P19R

➤ Background

- Replace current P-19A Firefighting, Aircraft Crash and Structure Fire Truck
- Will be equipped with fire suppression compounds and extinguishing agents, handheld extinguishers, and specialized rescue tools
- Extinguish aircraft fires, protect rescue personnel, cool explosive ordnance, and extract aircrews
- Modified Commercial Off The Shelf solution
- Prime: TBD

➤ Significant Events

- Milestone B scheduled for 4QFY12
- Competitive contract award anticipated end of 4QFY12
 - ✓ RFP release May/June 2012
- Initial Operational Capability scheduled for 3QFY17
- Full Operational Capability scheduled for FY18



MARINE CORPS SYSTEMS COMMAND PROGRAM EXECUTIVE OFFICER LAND SYSTEMS



PM	<i>Bryan Prosser</i>
DPM	<i>Thomas Carmody</i>
APM, HTV	<i>John Campoli</i>
APM, MTV	<i>Tim Parker</i>

Competency Alignment Team

- Business Manager: *Ed Carroll*
- Contracts Manager HTV: *Rick Baumgartner*
- Contracts Manager MTV: *Karen Matsushima*
- Lead Financial Manager: *Yvette Keeler*
- Lead Engineer: *Joe Burns*
- Lead Logistician HTV: *Joanne Beck*
- Lead Logistician MTV: *Howard Waiters*