



Tactical Wheeled Vehicle Conference



Medium and Heavy Tactical Vehicles (MHTV)

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PM MHTV Tactical Vehicle Overview



Four Teams Pressing Forward:

- 209.1 Medium & Heavy Trailers (M&HT)
- 209.2 Medium Tactical Truck (MTT)
- 209.3 Logistics Vehicle System Replacement/Aircraft Rescue Fire Fighting (LVSR/P-19R)
- 209.4 Medium Tactical Vehicle Replacement (MTVR)

FY24 Focus Areas:

- Modernization of Medium and Heavy Tactical Vehicle platforms
- Testing of Non-Fluorine Fire Fighting Foam
- Fielding Medium and Heavy Trailers to the FMF

Challenges:

- Resources - Manpower
- Funding shortfalls
- Commercial parts obsolescence for equipment with legacy requirements resulting in deadlined vehicles
- Supply chain constraints

Opportunities:

- Divestment
- Requirements exploration for the next MTT
- Release of Sources Sought and Requests for Information





PM MHTV Modernization Efforts



- **MTT**
 - Replacement for MTRV
 - Focus includes:
 - Technology advancements within the scope of industry production capabilities to address energy efficiency goals
 - Smaller configuration – 10ft bed in addition to current MTRV configurations (15ft, 20ft)
 - Competitive Prototyping Phase – Other Transaction Agreements awarded (Jan 2024)
 - Engineering & Manufacturing Development Phase (FY27 – FY29)
- **LVSAR Anti-Idle**
 - Provides power for maintaining cab environmental controls and C4I during stationary operations reducing engine idle time, improved fuel efficiency and increase operational reach
 - Completion of prototype performance testing at Aberdeen Test Center in Feb 2024
 - LVSAR lithium-ion battery box technical data package in development that will meet requirement for shipboard use with an estimated completion 3QFY25



PM MHTV Modernization Efforts



- **M870A2-OR Suspension Upgrade**
 - Improvements to enhance the trailer's off-road capability, providing increased operational capabilities on unimproved road surface and cross country
 - Low-Rate Production – Dec 2023
 - Follow-on production contract projected award – 4QFY24
- **P-19R Forward-Looking Infrared (FLIR) Integration**
 - Requirement to add FLIR systems in accordance with the National Fire Protection Association Standard 414
 - Request for Proposal Release – 3QFY24
 - Projected Contract Award – 2QFY25



Points of Contract



- Program Manager for Medium and Heavy Tactical Vehicles
 - Lorrie Owens; lorrie.owens@usmc.mil
- Deputy Program Manager for Medium and Heavy Tactical Vehicles
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Questions?