



PM Force Projection



Mr. Kyle Bruner
Project Manager

PM Force Projection Leadership Team



- MILITARY
- CIVILIAN
- ARRIVAL
- PROJECTED DEPARTURE



Project Manager
Mr. Kyle Bruner
FY22 FY25



Deputy PM
Mr. Shon Severns

STAFF



BAMO Chief
Mr. Andre Shina



ENG Division Chief
VACANT



LOG Division Chief
Mr. Gregory Dixon



OPS Division Chief
Mr. Steve Palczewski



BRIDGING



Product Manager
Ms. Elizabeth Miller
FY20 FY23



EMSE



Product Manager
LTC Denyada Barnes
FY21 FY24



PAWS



Product Manager
LTC Teresa Childs
FY20 FY23



RAS



Product Manager
LTC Keith Toney
FY20 FY23



RLSC



Product Lead
Mr. Marty Blosser
FY19 TBD



TMDE



Product Manager
Mr. Thomas Lettis
FY19 FY24



Deputy PdM
Mr. Jeramie Childers



Deputy PdM
Mr. Clayton Haney



Deputy PdM
Ms Suzanne Archibald

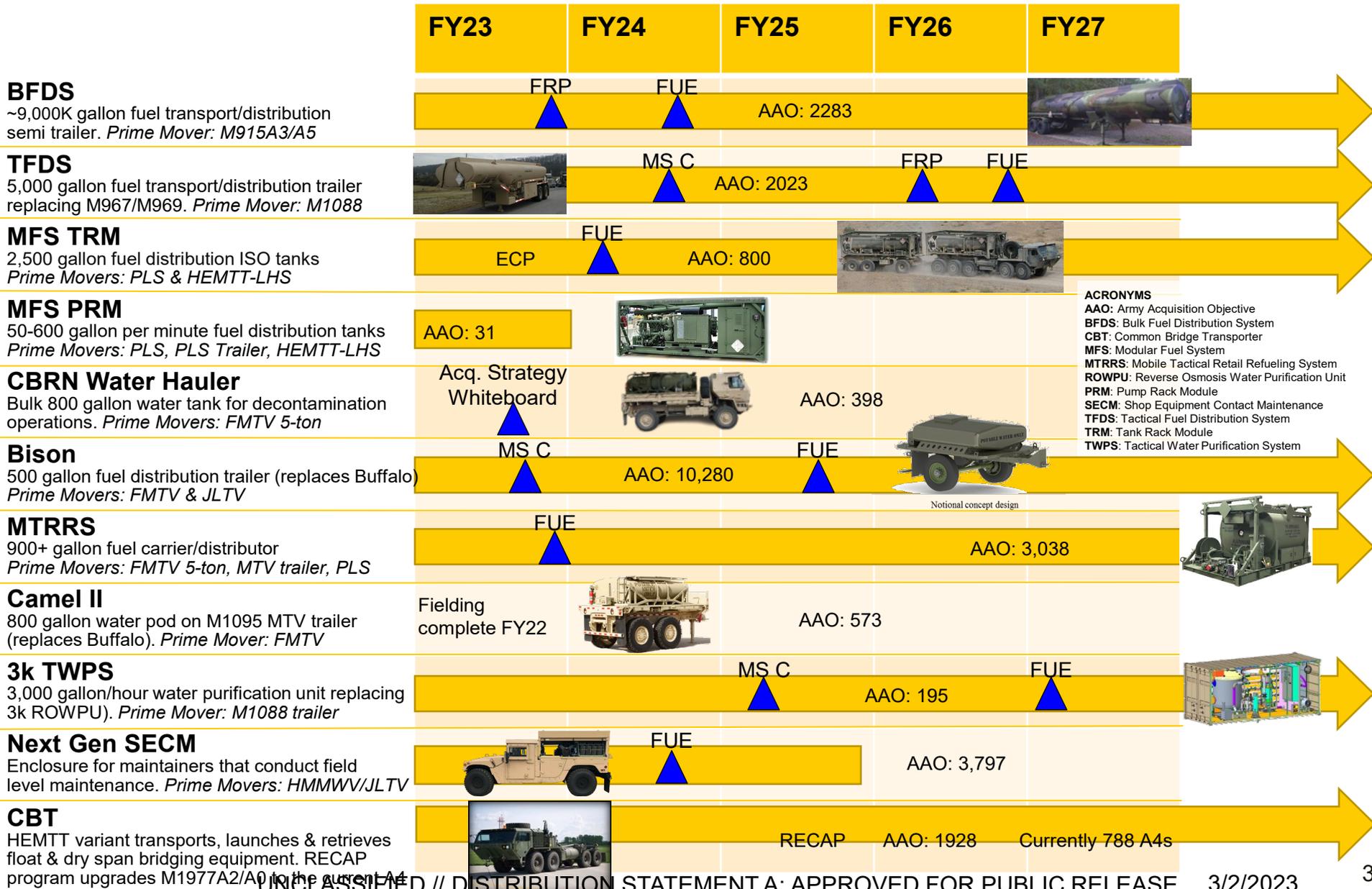


Deputy PdM
Ms. Veronica Johnson



Deputy PdM
Ms. Tina Bragg

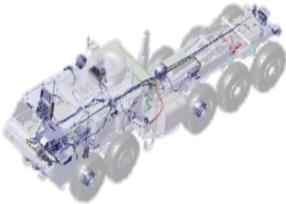
PM FP Programs of Interest



- ACRONYMS**
- AAO: Army Acquisition Objective
 - BFDS: Bulk Fuel Distribution System
 - CBT: Common Bridge Transporter
 - MFS: Modular Fuel System
 - MTRRS: Mobile Tactical Retail Refueling System
 - ROWPU: Reverse Osmosis Water Purification Unit
 - PRM: Pump Rack Module
 - SECM: Shop Equipment Contact Maintenance
 - TFDS: Tactical Fuel Distribution System
 - TRM: Tank Rack Module
 - TWPS: Tactical Water Purification System

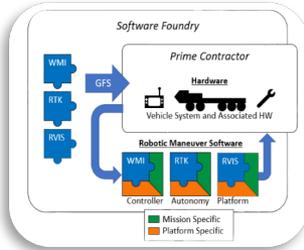
Notional concept design

ATV-S Program Update

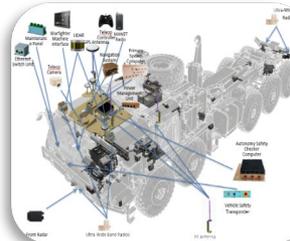


By-Wire Active Safety Kit (BWAS)

Overview



Software



Hardware

KEY EVENTS

Recent Events

- Sep 2022 - Abbreviated-CDD approved
- Jan 2023 - Operational Technical Demonstration (OTD) Complete
- 13 Feb 23 - Acquisition Shaping Panels- COA Decision

Upcoming Events

- 4QFY23 - Potential Mid Tier Acquisition Rapid Prototype (MTA RP) Initiation / Other Transaction Agreement (OTA) Prototype Award(s)

Target fielding 410 systems by FY29

Autonomous Transport Vehicle-System (ATV-S) provides autonomous driving capability to Tactical Wheel Vehicles. ATV-S increases Force Protection & sustainment throughput of convoy operations. System design includes: Manual Mode allowing Soldiers to operate vehicles manually if desired, Operate March Unit of up to 4 Follower vehicles, Adjustable vehicle gap-interval settings.

Program Strategy & Considerations

- RDTE programmed through FY28
- Near-term prototyping to introduce competition through OTA
- Incremental approach toward long term, full autonomy
- Requires By-Wire Active Safety (BWAS); Initial target platform: M1075 PLS with BWAS

Market Research

- State-of-technology driven by commercial industry

Testing

- Performance and Safety evaluation
- Maximize Model and Simulation



Initial Fielding Capability

- Semi-autonomous Sustainment Operations (Line Haul)
- Loaded/Unloaded convoy operations
- Primary/Secondary Roads
- Day/night operations
- Soldiers "in the loop"

ATV-S will increase sustainment throughput through line haul, local haul, operational, and tactical operations while enabling independent maneuver forces to maintain a high operational tempo



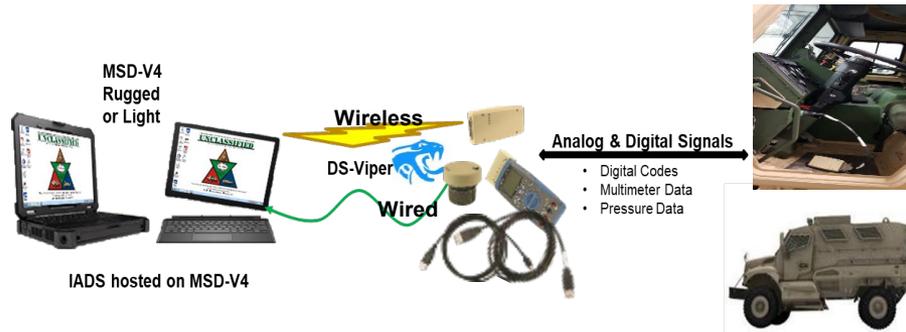
Maintenance Support Device (MSD)

- MSD is a commercial computer that comes in a "ruggedized" laptop configuration for field use and a tablet for use in shelters.
- MSD is used with the Wireless At-Platform Test Set (WATS), MIL-STD-1553 Data bus & and other peripheral devices for:
 - Troubleshooting and diagnostics across the Army aviation and 250,000 ground vehicles
 - Updating software for selected platforms including the Abrams Tank and Bradley Fighting Vehicle
 - Hosting maintainers' digital technical manuals



Performs quick diagnoses and fault isolation on the Army's fleet of Electronic, Tactical Wheeled, Armored Fighting, and Aviation weapon systems

Used by maintenance sections/teams with the following MOS:
 94D, 94E, 94F, 94H, 94R, 94Y, 15B, 15D, 15E, 15F, 15G, 15N, 15R, 15T, 15U, 15Y, 91A, 91B, 91C, 91D, 91F, 91H, 91J, 91L, 91M, 91P, 91S, 94A, 94M, 94P, 94S, 94T



MSD & WATS pull data off of TWVs for use in data analytics & fleet management

Supports more than 50 Weapon Systems & 30 Maintainer MOSs

- MSD & DS Viper will play key role in realizing Army Predictive Logistics
- Vehicle Data Source Collector (DSC) based on WATS design under Army evaluation





Questions

