Land Future Requirements
2018 Suppliers Conference

COL Dale Farrand
Director, Land Customer Operations
June 19-20, 2018
Land Forces Today
Major Deployments

- Afghanistan: 7,500
- Iraq: 4,657
- Kuwait: 10,800
- SPMAGTF-CENT: 2,300
- 13th MEU: 2,200

CENTCOM:
- Korea: 4,700 (rotational ABCT)
- 31th MEU: 2,200 marines
- SPMAGTF-CENT: 2,300
- 13th MEU: 2,200

PACOM:
- Afghanistan: 7,500
- Iraq: 4,657
- Kuwait: 10,800
- SPMAGTF-CENT: 2,300
- 13th MEU: 2,200

EUCOM:
- Europe: 4,700 (rotational ABCT)
- Black Sea Force: 265 marines

AFRICOM:
- SPMAGTF-Africa: 1,100

ARFORGEN
Sustainable Readiness

SRM = “remaining ready all of the time” – GEN Robert Abrams
FORSCOM Commanding General

Currently Deployed
- 2 x ABCTs
- 3 x IBCTs
- 4 x MEUs
*40,400 total ground forces
### Army
- OP Atlantic Resolve / European Activity Set
- Regional Alignment
- Increasing unit deployments with home station equipment
- Diminished unit maintenance & materiel management skills
- 24 annual CTC rotations (BCT)

**Takeaway**
- High OPTEMPO
- Increasing deployments with home-station equipment
- 450K to 420K active Soldiers
- 45 x BCTs to 32 x BCTs

### USMC
- Aging Fleet
- Continued use of Special Purpose Marine Air - Ground TF (SPMAGTF)
  - CENT, AF, South
- Increasing unit deployments with home station equipment
- 202K to 183K active Marines
- 7 x MEUS

### Level A Systems

<table>
<thead>
<tr>
<th>Weapon System / FOV</th>
<th>MA</th>
<th>Readiness Status</th>
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<tr>
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<td>M-109 SERIES HOWITZER</td>
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<td>BRADLEY FIGHTING VEHICLE SYSTEMS (BFV)</td>
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<td>FAMILY OF MEDIUM AND LIGHT TACTICAL VEHICLES (FMTV)</td>
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<td>FIREFINDER RADAR AN/TPG-36 AND AN/TPG-37</td>
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<td>AN/TSC-156 (PHOENIX)</td>
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### Army
- **M1 Abrams MBT** - 1,700
- **M2/3 Bradley** - 2,512
- **Stryker** - 3,342
- **M109 Paladin** - 465

### USMC
- **M1 Abrams MBT** - 362
- **AAV** - 1034
- **LAV** - 647

**Land Industrial Base**
- Army M1A2 Modernization to M1A2 SEP v.3
  - Fielding begins in 2020
- Paladin M1096 upgrade to M109A7
  - FAASV M99A2 upgrade to M992A3
- M2 Bradley ECP1 Kit Installs
  - 2,477 planned through FY18
- Patriot Launcher/Radar FY16 = 23, FY17 =27
- Panther Conversion FY16 = 0, FY17 = 36
- RG-31 Conversion FY16 = 73, FY17 = 224
- TWPS FY16 = 2, FY17 = 3
- 3K ROWPU FY16 = 1, FY17 = 1
- 500/600 GAL TPU FY16 = 219, FY17 = 25

**Land Industrial Base FY16 / 17 workload**
- M1 Morocco Program FY16=59, FY17=91
- M1 FOV FY16 = 110, FY17 = 34
- Paladin/FAASV FY16 = 82, FY17 = 36
- Stryker FOV FY16 = 291, FY17 = 125
- Army/USMC M-ATV FY16 = 873, FY17 = 560
- USMC Cougar FY16 = 161, FY17 = 218
- MAXXPRO Dash FY16 = 620, FY17 = 670
- FORSCOM HMMWV Ambulance FY16 = 283, FY17 = 91
- M3A3 Bradley FY16 = 7, FY17 = 5
Warfighter First

DLA Needs Industry’s help to reduce lead times

- ~90% of Depots’ Parts Needs are:
  - Lower/Intermittent Demand Items
  - Non-Business Drivers to DLA business model
- Uncertain/Untimely Funding
- Rising backorders/Line-Stoppers
  - Customer Wait Times Too Long
- Challenged Forecasting
  - Accuracy & Buyback, Timeliness, Army Supply Plan

Army and USMC Industrial Activities
IAW AR 220-1, units that are converting transition to a C-5 readiness status no earlier than 6-months prior to their conversion.

Converting units are scheduled for a CTC rotation to achieve C2/C1 readiness status within 18-months (+/- 3-months) of their E-Date.

2/3 ID (15th ABCT) and the 16th ABCT progress from their E-Date (C5/C4) to the completion of their CTC rotation (C2/C1) within 20-months – in line with the historical average of time (24-months) required for BCTs to convert.

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<td>IOC (70% Manned/Equipped):</td>
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<td>Combined Arms LFX</td>
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<td>BCT FTX</td>
<td>BCT FTX</td>
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<tr>
<td>Scheduled CTC Rotation: MAY 19</td>
<td>Templated CTC Rotation: JAN 21</td>
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We will develop combat vehicle systems in concert with evolving Army Operating Concept direction and concepts and modify existing systems to meet near term capability gaps for network, lethality, mobility and survivability while sustaining systems for the current fight and divesting systems to free up sustainment resources.

- Army Operating Concept drives a reconsideration of priorities within the portfolio
- Industrial base sustainment continues to influence this portfolio
- Lower base funding allows us to sustain ABCTs but does not address the lethality and mobility issues in IBCTs, and lethality issues in SBCTs
- Resource limitations will keep production at MSR, this results in aging platforms and misalignment of capabilities within formations
Army Readiness Support

Operations Support

- **$\$ Investment in M1 Readiness Drivers**
  - NSNs w/ historic NMCS demands
- **Requesting additional investment $$ (M109, Bradley, Stryker)**
- **Sustainable Readiness Model**
  - Deploying BCTs w/ organic equipment = predictive surges
- **Common ASL Analysis, Monitoring and Inventory Adjustment**
  - 33 x ASLs (A / I / SBCT) completed by MAY 2018
- **Weapon System Focused Teams with LCMCs, PEOs, and LOGSA**
  - Root causes for BO’s – tech data, forecasting, execution, etc...
  - ALOB (Anticipated Lines of Backorder) – identify potential shortages
  - ~ 40% of “Long Lead” Parts are Essentiality Coded incorrectly
  - 84% Competitive – 16% Sole Source
- **Moving the “Point of Sale” closer to Army formations**

Industrial Support

- **Army Supply Plan**
  - Manual reviews of BoMs / Emphasis on Line Stoppers (CCIRs)
- **Industrial Product Support Vendor (LEAD / RRAD /ANAD / TYAD)**
- **European Reassurance Initiative**
  - Avengers, M109 / M992, AVLB, ASV, MLRS, HMMWV
- **Emphasis on mission accomplishment vs. business development**

Readiness was our priority last year, that's our priority this year and by necessity, that needs to continue to be our priority - CSA GEN Mark A. Milley
**USMC Modernization Efforts**

**Air Defense C2:** Automated stinger missile launch with electronic warfare capability mounted on a Joint Light Tactical Vehicle (JLTV)

**AN/TPS-80 Ground/Air Task Oriented Radar (G/ATOR)** (Planned 2018) Set to replace five legacy radar systems: the AN/TPS-59 long-range radar, AN/TPS-63 air defense radar, AN/TPS-73 (air-traffic control), AN/MPQ-62 (short range air defense), AN/TPQ-46 (counter fire target acquisition), and UPS-3 (target tracking).

The G/ATOR baseline system configuration consists of three subsystems: Communications Equipment Group (CEG). The CEG provides the ability to communicate with and control the radar and is mounted on a High Mobility Multi-purpose Wheeled Vehicle.

Radar Equipment Group (REG). The REG consists of the phased-array radar mounted on an integrated trailer. The trailer is towed by the Medium Tactical Vehicle Replacement (MTVR).

Power Equipment Group (PEG). The PEG includes a 60-kilowatt generator and associated power cables mounted on a pallet. The generator pallet is carried by the MTVR.

Sea Dragon 2025 experimentation effort, with recommendations that include fielding small unmanned aerial systems (UAS), adding advanced training opportunities, restructuring the rifle squad and drawing up new tactics and procedures for a high-end battlefield

**Troop Support:** USMC Plate Carrier Generation III vest completed evals potential fielding in 2019 and Enhanced Combat Helmet ($51 million contract to Gentex Corp.)

**Small Arms**

M27 Infantry Automatic Rifle (IAR) to replace the M4, extending range without sacrificing accuracy and lethality.

M38 Squad Designated Marksman Rifle, fielded to meet sharpshooting capabilities

M2A1-upgraded quick-change barrel, more effective flash suppressor (solved the headspace and timing issue)

Glock-19M for Marine Corps’ Criminal Investigation Division and HMX-1

M855A1 5.56 adoption from Army

83mm Shoulder Launched Multipurpose Assault Weapon Mod 2 (SMAW Mod 2) could also be adopted by the Army.
USMC Readiness Support

Operations Support

- Increased emphasis on WSEC 1,5,6 / IPG 1 and USMC ‘Top 25 Cost Drivers’
  - 60% demand supported - 27% sole source
  - 37% safety stocked - 73% competitive
  - 3% direct vendor delivery
  - 94% coded essential (WSEC 1,5,6)
- Supply Management Unit (SMU) initiatives
  - Proofs of principle at I & II MEF
- Routine SPMAGTF / MEU engagement
- Adding “readiness drivers” to Long Term Contracts

Industrial Support

- Enhanced Forward Stocking
  - Initial year – 86% Usage Rate
  - 300% increase in parts rcvd from local DD
  - Increased forward stocking by 7K items
  - Collaborating on DLA run retail operations
- Improved Forecasting
  - Added nearly 11,000 items into collaboration
- Support to tornado recovery at MCLB Albany
  - Concurrently, investment in resources to improve forecasting accuracy

Improve readiness because we need more Marines and equipment ready to fight now
- CMC Gen Robert B. Neller
Backup
Combat Vehicles, Engines & Armaments

Combat Vehicles, Engines & Armaments

($M)

FY14  FY15  FY16  FY17 To Date
M1A1 / M1A2 Abrams Tank

Weapon System Overview

- Army and Marine Corps Fleets:
  - Army – M1A2 SEPv2 – 1,256; M1A1 – 454; Total 1,710.
  - Approved Acquisition Objective: 1,611 and 791: 2,402.
  - Marine Corps – M1A1 only – 362 vehicles.
- High / Visible OPTEMPO
  - European Activity Set – One ABCT’s worth of Equipment; Funding for a second ABCT expected.

Modernization - M1A2 SEP v3:
- ECP 1a renamed from Network to Power ECP; prototype vehicle builds/testing with OEM GDLS.
- ECP 1b – Lethality ECP – in Requirements Development with preliminary design in 2017.

On the Horizon

Future State

- M1A2 Sepv3 Production begins FY17/Q4, with 45 vehicles followed by four increments of 60 through FY22.
- M1A1 SA – focused RECAP slated for FY22.

Top FSCs by Order Volume (Annual)

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<th>FSC</th>
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<td>5330</td>
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M1A2 SEPv2 Upgrades

Lethality & Situational Awareness

**Capabilities**
- Under armor tank commander firing capability
- Increased situational awareness
- Loaders survivability increased
- IED Electronic Countermeasure

**Safety**
- Ammo Rack Sets Upgrade
- 4th Gen Loader’s Tray
- DVE-A

**Mission Command Capability**
- KGV-72 (BFT Encryption)
  - MFoCS H/W
  - 4.5 Software

**Survivability/RAM**
- Loaders Armored Gun Shield (LAGS) II

**Situational Awareness**
- ARAT Weldments

**Lethality**
- CROWS Low Profile

**Ammunition Data Link**
- -5 IFCEU
- Modified Breechblock
- M829A4

**Mission Command**
- MFoCS H/W
- BFT2 Upgrade
- JCR/JBC-P S/W
- 4.0/4.5 Software

**Survivability**
- Improved command and control capabilities
- Reduced CROWS profile, increasing commanders field of view
- Improved stability during firing of the M2
- Improved fire control

Lethality & Protection (Planned FY21+)

**Vehicle Engine Exhaust Smoke System**

**Lethality**
- AMP Round
  - Multi Purpose
  - 120 MM
  - Ammunition

**Capabilities**
- Improved Lethality
- Improved system obscurants

**ARAT** – Abrams Reactive Armor Tile
**BFT2** – Blue Force Tracker 2
**CREW** – Counter Radio Electronic Warfare
**CROWS** – Common Remotely Operated Weapon Station
**DVE - A** – Driver’s Visual Enhancement – Abrams
**IFCEU** – Improved Fire Control Electronics Unit
**JBC-P** – Joint Battle Command – Platform
**JCR** – Joint Capabilities Requirement
**LAGS** – Loaders Armored Gun Shield
**MFoCS** – Mounted Family of Computer Systems
**RVSS** – Rear View Sensor System
M109A6 / A7 Paladin

Weapon System Overview

- Self-Propelled Howitzer – Provides the primary indirect fire support for full spectrum operations; Army Fleet Density – 465.
  - Current Fleet viable through 2026.
- Modernization program - Upgrade to A7 and A3.
  - Currently in Low-Rate Initial Production (LRIP).
  - Concurrent Upgrade to the M992A2 – Fleet Artillery Ammunition Support Vehicle (FAASV).

Modernization Schedule A7 and A3.
- LRIP - 18 vehicle sets complete Jan 2017.
- Full Rate Production for the M109A7 and First Unit Equipped are anticipated in 2QFY17.

Future State
- Fielding complete in 2027; End-State 568 vehicles
- Purpose of A7 Program: To Mitigate M109 SWAP-C & Keep System Relevant until 2050.

Top FSCs by Order Volume (Annual)

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M109A7 & M992A3 Upgrades

Self-Propelled Howitzer (SPH)

**ELECTRICAL SYSTEM**
- CMPS Including 600V, 70 kW Integrated Starter/Generator
- 600V–28V Bi-Directional Conversion
- Cable Management System for Power and Reliable High-Data Transmission Capability Between Cab and Chassis

**PRIMARY ARMAMENT**
- 39 caliber/155 mm
- Travel Lock
- 600V Electric Rammer
- Manual Rammer Backup

**GUN DRIVES**
- 600V Electric Elevation Drive
- 600V Electric Traverse Drive
- Electric Joysticks
- Manual Gun Drive Backups

**ELECTRONIC SYSTEMS**
- PFCS
- DASH
- PESA
- Digital Backbone
- 10/100 Ethernet Switch
- SINCGARS → HMS Manpack
- BLUE FORCE TRACKING BFT2

**SECONDARY ARMAMENT**
- M2 0.50 caliber Machine Gun or 40 mm MK19 Grenade Launcher

**SUSPENSION AND TRACK**
- Six Road Arm Stations
- Torsion Bars
- Four Rotary Dampers
- Track 19.1"

**DRIVER'S COMPARTMENT**
- Shift Tower
- Brakes
- Steering
- Driver's Comp designed to meet T2 requirements w/ pop up hatch
- Comptosite Armor
- Instrument Panel
- Driver’s Vision Enhancer

**POWER TRAIN**
- Engine 675 HP
- Transmission HMPT 800
- Final Drive
- PTO
- New Cooling System
- AFES Sensors

**CHASSIS (NEW STRUCTURE)**
- Additional Ground Clearance
- Structural Integrity (110k lbs GVW)
- Provisions for Mine Blast Kit and Side Armor

**CREW 2**

**IMPROVED FORCE PROTECTION AND SURVIVABILITY**
- Two-Tier Threshold
- CROWS at T2

**CROWS**

**CONNECTED FIGHTING VEHICLE Ecosystem**

**WARFIGHTER FIRST**

* M109A7 FOV LRIP configuration will include SINCGARS. HMS Manpack will be integrated according to the HMS Manpack fielding schedule.
Platform Density: ~2,512
- Army maintains M2 and M3 Variants
- Planned Programs Next 5 Years:
  - ECP1 Kit Installs (FY-15-20 (2,477 Planned))
  - A3 Overhauls & Secondary Programs
- High / Visible OPTEMPO
  - CONUS: NTC rotations, home station training, gunneries
  - EUCOM AOR: Increased Combined exercises, European Activity Set – one to two sets of rotational equipment

Future State
- Shift towards mission-tailored, regionally-aligned forces
- Major training events - NTC Decisive Action Exercises - four to ten per year beginning in FY15.
- BCT Reorg from HBCTs to ABCTs (118 to 151)

On the Horizon
- Engineering Change Proposals (ECP 1-3) upgrades being implemented
- Heavy maintenance being conducted at National Guard Sites
- Active Army OR above goal at 92%

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Bradley Family of Vehicles – Product Support Concept

**ECP 1 (Suspension and Track)**
- Extended Life Track
- Heavy Weight Torsion Bars
- Damper and Road Arns

**ECP 2 (Network)**

**Power Train**
- 675 HP Power Pack Upgrade
- 600 HP Transmission Efficiencies
- Cooling System Modification
- Upgraded Final Drives

**Electrical System (28 Vdc)**
- Electrical Power Upgrade (from 400 amps to 990 amps)
- High Speed Slip Ring Upgrade
- 1 G Ethernet Switch
- Vehicle Health Management System (VHMS), Phase I
- Battery Monitoring
- Begins VICTORY architecture compliance
- Electrical Cooling

**Situation Awareness / Mission Command**
- Improved FBCB2 Integration
  - KCV-72 (Programmable Encryption Device)
  - Blue Force Tracker (BFT) 2
  - Mounted Family of Computing Systems (MFoCS)
  - Joint Battle Command - Platform (JBC-P)
  - Common Intelligent Display
  - Mid-Tier Networking Vehicular Radio (MNV2R)
  - Handheld Manpack Small Form Fit (HMSF)
  - NetWarrior
  - New Central Processor Unit

**Enabled Capabilities**
- Counter ROICD (Remote Control Improvised Explosive Device)
- Electronic Warfare (CREW) v3

**Accelerated Technologies**
- Automatic Fire Extinguishing System (AFES) Optimization – Phase One
- Driver’s DVE Wide Field of View (FOV)

**Commander’s Independent Viewer (CIV)**
- 3GEN FLIR
- Laser Range Finder
- Cross-Platform Pointing Laser & Receiver (CPPLR)
- Color Camera

**Improved Bradley Acquisition System (IBAS)**
- 3GEN FLIR
- Laser Range Finder
- Cross-Platform Pointing Laser & Receiver (CPPLR)
- Color Camera

**Enabling Enhancements**
- VICTORY architecture/COE compliance
- Embedded Training

**Commander’s Independent Weapon System**

* Common with other platforms

^ Live Training Engagement Composition (LTEC) is projected to replace proprietary MILES software

**intent:** Address space, weight, power, cooling and computing limitations to enable Army inbound technologies.
Stryker Family of Vehicles

Overview

- Army Stryker Family of Vehicles
  - Over 15 variants
  - Primary support via Army PBL contract with GDLS
  - DLA supports common consumables
- Fielded in the 2000s
- Expected to remain in fleet until 2030s

Projected Efforts

- MGS Reset & Retrofit
- 30mm gun lethality upgrade
- Continued look at lethality, mobility, & protection across the platform
- Expect demand for new requirements

Future State

- PBL supported for the near future
- FOV to Sustainment FY 25

Top Readiness Drivers By FSC

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Stryker Hull and RWS Upgrades

Stryker Hull Variants:

Flat Bottom Hull w/Kits
FUE 2003
- 49,500 lbs Combat Weight
- 3.5 Suspension
- 350 HP Powertrain
- 570 Amp alternator

No Integrated Underbelly Protection

M151 Remote Weapon System (RWS):
- TIM 1500 (BAE) MicroIR day/night sensor
- Components approaching obsolescence and sustainment cost is increasing
- RWS only mounted on Stryker Platform

CROWS-J 2CR ONS (M153 CROWS II):
- TIM 1500 (BAE) MicroIR day/night sensor
- Greater flexibility to employ current assigned weapons; adds Javelin under armor
- Provides commonality across Army platforms
- No smoke grenade launcher

CROWS-J ECP 2a (M153A4):
- Enhanced DRI with improved LR TIM (3500m)
- Improved high resolution display / digital backbone
- Returns smoke grenade launcher to system
- Addresses obsolescence impacting in FY20

DVH A1
Planned FUE 2020
- 65,000 lbs Capable Chassis
- 6.0 Suspension
- 450 HP Powertrain
- 910 Amp Alternator
- In Vehicle Network (IVN)
- Double V Hull
- Higher Rated Tires
- Increased Axle Spacing
- Larger Fuel Tank
- Integrated Driver Protection
- Integrated Mine Blast Survivability

Regains ORD Performance Levels
**Assault Amphibious Vehicle**

### System Overview

**Platform Density:**
- Command Variant (X2M): 59
- Personnel Variant (X3M): 716
- Logistics Variant (X4M): 42
- AAV Life Cycle Extended to 2035
- DMSMS material challenges with aged fleet

- Maintenance Center Albany: 42 AAVs (All Variants)
- Maintenance Center Barstow: 48 AAVs (Personnel Only)
- Both depots will operate IROAN and transition to Return to Condition Code “A” Program (RCCA) – FY 16-19

**Future State**
- USMC Pursuing FMS cases with Foreign Vendors
- To be Replaced by Assault Combat Vehicle (ACV)
  - BAE & SAIC Building 16 LRIPs ACV Variants (ACV 1.1)

**On the Horizon**
- USMC Pursuing FMS cases with Foreign Vendors
- To be Replaced by Assault Combat Vehicle (ACV)
  - BAE & SAIC Building 16 LRIPs ACV Variants (ACV 1.1)

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<table>
<thead>
<tr>
<th>Top FSCs by Order Volume (Annual)</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>FSC</strong></td>
</tr>
<tr>
<td>5310 (Nuts and Washers)</td>
</tr>
<tr>
<td>5331 (O-Rings)</td>
</tr>
<tr>
<td>5305 (Screws)</td>
</tr>
<tr>
<td>4730 (Fittings and Specialties)</td>
</tr>
<tr>
<td>5340 (Hardware,</td>
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</tbody>
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**Warfighting First**
Light Armored Vehicle Family

Overview

- Marine Corps Light Armored Vehicle
  - Seven variants
  - Low Density – AAO is 808 vehicles
  - Aged vehicle, fielded in the 1980s
  - Recon mission role with amphibious capability
  - Expected to remain in the fleet until 2035

Projected Efforts

- Modernization of Anti-Tank Variant
  - Obsolescence Program focus: power train, engine, turret slip ring, drivers instrumentation panel, & steering

Future State

- Sustain the fleet until 2035
- Maintain Fleet Readiness through the Life Cycle

Top Readiness Drivers by FSC

<table>
<thead>
<tr>
<th>FSC</th>
<th>NIINs/Requisitions</th>
</tr>
</thead>
<tbody>
<tr>
<td>2520 (Vehicle Power Trans Components)</td>
<td>3/41</td>
</tr>
<tr>
<td>2540 (Vehicle Furniture &amp; Accessories)</td>
<td>3/23</td>
</tr>
<tr>
<td>6150 (Misc Elect Power &amp; Distribution Equip)</td>
<td>4/22</td>
</tr>
<tr>
<td>3040 (Misc Power Trans Equipment)</td>
<td>3/21</td>
</tr>
<tr>
<td>9340 (Glass Fabricated Materials)</td>
<td>1/19</td>
</tr>
</tbody>
</table>
Objectives

- Support readiness
- To reduce / eliminate any excess stock buys
- Support rebuild
- Minimize backorders

Proposed Action Plan

- Continue to work with Army regarding readiness as drivers are identified for LTV fleet
- Continue to work with RRAD and TACOM regarding ongoing reset efforts

HMMWV Orders- Army & USMC

- Systems include HMMWV
- HMMWV Ambulance program at Rock Island to build 600+ trucks
- EXORD to divest more than 8000 Legacy HMMWVs (966, M998, M1037, M1038, M1025, M1026 and M1114)
- FMS Sales anticipated to increase
Medium Tactical Vehicles

Objectives

- Support readiness
- To reduce / eliminate any excess stock buys
- Support rebuild
- Minimize backorders

Intel Received

- Previous FY reset totals 556 with an additional 687 FY 17 systems
- Systems include FMTV’s and MTVR

Proposed Action Plan

- Continue to work with Army and USMC regarding readiness as drivers are identified for MTV fleet
- Continue to work with TACOM, MARCORSYSCOM and RRAD regarding ongoing reset efforts

Orders - Army FMTV & USMC MTVR

- Systems include FMTV's and MTVR
- Medium Tactical Vehicles
- Support readiness
- To reduce / eliminate any excess stock buys
- Support rebuild
- Minimize backorders
Heavy Tactical Vehicles

**Objectives**
- Support readiness
- To reduce / eliminate any excess stock buys
- Support rebuild
- Minimize backorders

**Proposed Action Plan**
- Continue to work with Army regarding readiness as drivers are identified for HTV fleet
- Continue to work with RRAD and TACOM regarding ongoing reset efforts
- Army – 223 vehicles in OPEN reset status

**Intel Received**
- Previous FY reset totals 223 with and additional 49 FY 17 systems
- Systems include Tanker, LET, Wrecker, LHS and Cargo
- Oshkosh to rebuild 454 battlefield trucks. DLA researching excess parts availability to support program

**HTV Orders- Army & USMC**
- Graph showing HTV orders from March 2016 to March 2017, with a focus on the percentage of orders met each month.

**Orders vs MA%**
- Graph showing the relationship between orders and meeting the percentage (MA%) of those orders.
JLTV Program Overview

Intel Received

- EST 54,999 Vehicles
  - 4 different Variants
- LRIP continues
- FRP decision First Quarter 2019
- IOC Decision First quarter 2020

Proposed Action Plan

- Continue to work with Army and USMC to support Organic support decision
- Army Purchased the TDP
- Support opportunities - PBL, LTC’s and manual awards
- Provisioning effort ongoing - working with Oshkosh and PM Office

Objectives

- Support fielding and readiness
- To reduce / eliminate any excess stock buys
- Support Organically
AMPV Program Overview

- Provides a materiel solution to replace ABCT M113 FoVs only.
- Solution for EAB M113s will be a future decision with potentially different requirements.
- Entered at MS B 22 Dec 14 due to mature technology.
- Full and Open Competition with single award for EMD with options for LRIP.
- Reuse of Bradley and M113 components supports affordability but limits flexibility for redesign without schedule and cost impact.
- Vehicle / Integration program – not a mission equipment package development program. Leverage existing M113 MEP where possible.
- Army Acquisition Objective = Army Procurement Objective is 2,897.