2020 TACTICAL WHEELED VEHICLE CONFERENCE
TANK-AUTOMOTIVE & ARMAMENTS COMMAND OVERVIEW
MARION WHICKER, EXECUTIVE DIRECTOR, INTEGRATED LOGISTICS SUPPORT CENTER

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ENTERPRISE SUPPORT TO THE WARFIGHTER

MISSION
Develop and Deliver
Readiness for ground and
support systems globally

VISION
Be the Army’s preeminent ground and
support system provider, fully
integrated as part of the Army’s
Materiel Integrator, AMC. Understand
Army operational requirements,
synchronize our capabilities and
resources to develop and deliver
flexible and responsive support that
enables Army readiness
**EQUIPPING OUR SOLDIERS**

**Core Competencies**
- **Acquisition**
  - Lifecycle Management
  - Development
  - Production
  - Fielding
- **Logistics**
  - Logistics Support
  - Sustainment
- **Technology**
  - Research
  - Development
  - Engineering

**The Magnitude**
- **Product Lines**
  - **Combat Vehicles**
    - Tactical Vehicles
    - Mine Resistant Ambush Protected
  - **Armored Security Vehicle**
  - **Route Clearing Vehicle**
  - **Howitzers**
  - **Rifles / Machine Guns**
  - **Large Caliber Guns**
  - **Mortars**
  - **Fuel & Water Distribution Equipment**
  - **Rapid Fielding Initiative (RFI)**
  - **Robotics**
  - **Aircraft Armaments**
  - **Soldier Uniforms & Equipment**
  - **Force Providers**
  - **Materiel Handling Equipment**
  - **Chemical Defense Equipment**
- **Managed Equipment in a Brigade Combat Team**
  - 60-65%
- **Acquisition Programs**
  - $30.0B
  - 500
- **Components**
  - 3200
  - 38K
- **Allied Countries**
  - 130

*Not all inclusive*
STRENGTH OF THE INDUSTRIAL BASE

Commercial

Organic Industrial Base

Public Private Partnership

READINESS

Additional opportunities through increased visibility

Statute for at least 50% organic capability

P3

Core • Critical Manufacturing Capabilities • Complementary Capabilities • Best Value

Factors: Size, Capabilities, Capacity, Balance, Investments, Affordability

Depot and Arsenal Key Capabilities/Capacity

Red River Army Depot (RRAD)
Capacity exists for current production lines:
• HMMWV, MRAP, Trailers, FMTV, PLS, HET, HEMTT, and Heavy Tactical Vehicles.
• Engines, Transmissions, Wheels, Axles and Fire Suppression Systems Overhaul
• Secondary item Overhaul
• Material Handling Equipment, Construction Equipment, and Bridging Remanufacture

Rock Island Arsenal-Joint Manufacturing and Technology Center (RIA-JMTC)
• HMMWV Ambulance
• Founding, Forging, Machining

Sierra Army Depot (SIAD)
• Fuel & Water Systems
• Retrograde of Material & Redistribution of Serviceable Assets
• End of First Life Center - Long Term Storage & Management of Major End Items
• Trailers
**DEPOTS**
- Remanufacturing
- Complete End Item Overhaul
- Component Overhaul
- Other Military Service Work
- Other Government Work
- Public-Private Partnerships (P3) on-site
  - Manufacturing
  - Maintenance
- Fabrication of Commercially Unavailable Components and Parts
  - Reverse Engineering
  - Flexible Light Manufacturing
- Depot Field Teams In-Theater

**ARSENALS**
- Complete Manufacturing Plant
- Unique Capabilities:
  - New Weapons Prototyping
  - End Item Production
  - Spare/Repair Parts Production
- Two Types of Arsenals:
  - Hard Iron (Watervliet, Rock Island Arsenal)
  - Chemical (Pine Bluff)
Red River Army Depot (RRAD)
Center of Industrial and Technical Excellence
Tactical Wheeled Vehicles

**CAPABILITIES**

- Inspection & Testing
- Engines & Transmission
- Powertrain Repair and Overhaul
- Axles, Final Drives, Drive Train and Transfer Cases
- Reset/RECAP
- Component Repair
- Ballistic Armor Welding
- Dynamometer Testing
- Radiators & Coolant Systems
- Heat/Air Conditioning
- Fabrication of Armor Components
- Forward Fielding and Repair Support
- Electronic Wiring Harnesses
FLEET MANAGEMENT SUSTAINMENT CHALLENGES

Light Tactical Vehicles

<table>
<thead>
<tr>
<th>FY2020</th>
<th>FY2025</th>
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</thead>
<tbody>
<tr>
<td>HMMWV Armor Tow Carrier</td>
<td>22,716</td>
</tr>
<tr>
<td>C2/Shelter/Carrier</td>
<td>88,058</td>
</tr>
<tr>
<td>HMMWV Ambulance</td>
<td>4,746</td>
</tr>
<tr>
<td>Total: 115,520</td>
<td></td>
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</tbody>
</table>

| HMMWV Armor Tow Carrier | 22,716  |
| C2/Shelter/Carrier | 88,105  |
| HMMWV Ambulance | 3,907   |
| Total: 104,880 |

Army Fleet Management Constraints:

- System Life Cycle
- Investment Decisions (Pure Fleet?)
- Maintaining the Fleet
- Effective Useful Life (EUL) /Divestiture

Opportunities:

- Sustainment now and future
- Spare and Repair Parts Provider
- Obsolescence
- Modification Work Order (MWO)
- Public Private Partnerships (P3)
TEAMING / PARTNERING OPPORTUNITIES

**Public Private Partnership Opportunities**

- Rock Island Arsenal, Joint Manufacturing and Technology Center (RIA-JMTC) / AM General Partnership anticipated HMMWV Ambulance M997A3 production

- FMTV Reset
  - Red River Army Depot Supply Chain Management services rebuy under TACOM Strategic Services Solutions contract (TS3)

- Army Watercraft
  - Logistics Support, TACOM LCMC/Defense Logistics Agency collaboration leveraging the Special Operational Equipment Tailored Logistics Support Programs

**Successes**

- Red River Army Depot / AM General/Partnership Overhaul of M1152A1 and M1165A1 Up-Armored HMMWVs
- Red River Army Depot / AM General/Partnership Conversion of M1151A1’s to the M1167 TOW Variant
- Watervliet Arsenal partnership with Electralloy
1. Register with Dun & Bradstreet (D&B) at [http://fedgov.dnb.com/webform](http://fedgov.dnb.com/webform) to obtain a Data Universal Numbering System (DUNS) number. A DUNS number is a unique numeric identifier assigned to a single business entity.

2. Register in the System for Award Management (SAM), [www.sam.gov](http://www.sam.gov) in order to receive a Contractor and Government Entity Code (CAGE) required to be eligible for a prime contract. You must have a tax identification number to register.


POINTS OF CONTACT FOR ASSISTANCE

Subcontracting Opportunities
Small Business Administration (SBA) Sub-Net - www.sba.gov/subnet
DoD Prime Contract Descriptions - www.defense.gov/contracts

TACOM LCMC Headquarters
Army Contracting Command-Warren
Phone: (586) 282-7027
Email: usarmy.detroit.acc.mbx.wrn-xo@mail.mil

TACOM Office of Small Business Programs
Phone: (586) 282-5388
Email: usarmy.detroit.tacom.mbx.lcmc-osbp@mail.mil

TACOM LCMC Competition Management Office
Future and Potential Buys/Source Approval Program
Phone: (586) 282-5207
Email: usarmy.detroit.tacom.mbx.lcmc-competition-management-office@mail.mil

TACOM LCMC Depots and Arsenals
Anniston Army Depot (ANAD)
Phone: (256) 235-6512
http://www.anad.army.mil/

Red River Army Depot (RRAD)
Phone: (903) 334-5046
https://www.redriver.army.mil/

Sierra Army Depot (SIAD)
Phone: (530) 827-5153/4888
http://www.sierra.army.mil/Public/

Rock Island Arsenal-Joint Mfg and Technology Center (RIA JMTC)
Phone: (309) 782-0595
https://ria-jmtc.ria.army.mil/

Watervliet Arsenal (WVA)
Phone: (518) 266-4005
http://www.wva.army.mil/

Procurement Technical Assistance Centers (PTAC)
To contact a PTAC outside of Michigan, please visit: www.aptac-us.org/
Questions