Army Acquisition Program Master List
PEO CS&CSS

Program Executive Office
Combat Support & Combat Service Support
Mr. Ross Guckert (SES) - Acting
## Program Executive Office
### Combat Support & Combat Service Support

#### Pre-MDD
- Materiel Solution Analysis
- Technology Maturation and Risk Reduction
  - AOA: Preliminary Design Review
  - MDD: Critical Design Review

#### Engineering & Manufacturing Development
- Critical Design Review
- LRIP: LRIP
- IOT&E: IOC

#### Production & Deployment
- IOC: Final Operational Capability

#### Sustainment
- Operations & Support

### Key:
- ALUGS: Appliqué & Large Unmanned Ground Systems
- AMS: Assured Mobility Systems
- AWS: Army Watercraft Systems
- CE/MHE: Construction Equipment/Material Handling Equipment
- FSS: Force Sustainment Systems
- GMV: Ground Mobility Vehicles
- HTV: Heavy Tactical Vehicles
- JLTV: Joint Light Tactical Vehicle
- MTV: Medium Tactical Vehicles
- PAWS: Petroleum And Water Systems
- SEPS: Small Expeditionary Power Sources
- SKOT: Sets, Kits, Outfits, & Tools
- TMDE: Test, Measurement & Diagnostic Equipment
- UGV: Unmanned Ground Vehicles
- LTV: Light Tactical Vehicle
- MEPS: Mobile Electric Power Systems
- NTU: Light Expanded Mobility Tactical Truck (HEMTT)
- MTV: Family of Medium Tactical Vehicles (FMTV)
- LTV Family of Vehicles (FoV)
- HTV: Palletized Load System (PLS)
- HTV Family of Vehicles (FoV)
- MRAP (FoV)

### Special Interest Programs:
- National Maintenance Strategy (NMS)
- Leader / Follower (L/F)
- Contingency Basing Infrastructure (CBI)
- Light Reconnaissance Vehicle (LRV)
- Robot Logistic Support Center (RLSC)

### Data Source:
AAPML (Army Acquisition Program Master List).
See back-up charts for complete list of the 260 PEO CS&CSS programs (144 Actively Managed).

### 6 - ACAT I
- AWS: Maneuver Support Vessel (Medium)
- AWS: Maneuver Support Vessel (Heavy)
- ALUGS: 2
- AVS: 7
- Bridging: 2
- CE/MHE: 4
- FSS: 3
- HTV: 2
- MEPS: 1
- PAWS: 6
- SKOT: 4
- UGV: 2
- TMDE: 1

### 6 - ACAT II
- ALUGS: 1
- AWS: 1
- Bridging: 1
- CE/MHE: 1
- FSS: 3
- GMV: 1
- HTV: 1
- LTV: 1
- MEPS: 1
- PAWS: 2
- SKOT: 4
- UGV: 1

### 248 - ACAT III
- ALUGS: 1
- MRAP-VS: 3
- Bridging: 6
- CE/MHE: 15
- FSS: 6
- HTV: 2
- MEPS: 2
- PAWS: 8
- SEPS: 2
- SKOT: 15
- TMDE: 8

### 35
- (2 ACAT II)
- 1
- 22

### 75
- (4 ACAT I, 4 ACAT II, 67 ACAT III)
- 116
- (2 ACAT I, 114 ACAT III)

### As of APR 2018

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**America's Force of Decisive Action**
# Expeditionary Energy & Sustainment Systems (E2S2)

<table>
<thead>
<tr>
<th>Pre-MDD</th>
<th>Materiel Solution Analysis</th>
<th>Technology Maturation and Risk Reduction</th>
<th>Engineering &amp; Manufacturing Development</th>
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<td>Critical Design Review</td>
<td>LRIP</td>
<td>IOT&amp;E</td>
<td>IOC</td>
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</table>

**ACAT I**
- **FSS:** 3
- **MEPS:** 1

**ACAT II**
- **FSS:** 4
- **SEPS:** 2
- **MEPS:** 1

**ACAT III**
- **FSS:** 3
- **MEPS:** 2
- **SEPS:** 1

- **FSS:** 6
- **MEPS:** 2
- **SEPS:** 1

- **FSS:** 28
- **MEPS:** 3
- **SEPS:** 1

- **FSS:** Force Provider
- **MEPS:** Advanced Medium Mobile Power System (AMMPS) 5-60kW

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*America’s Force of Decisive Action*

*as of APR 2018*
# Force Sustainment Systems (FSS)

## Pre-MDD
- Materiel Solution Analysis
- Technology Maturation and Risk Reduction

## MDD
- Engineering & Manufacturing Development
- Production & Deployment
- Operations & Support

## Sustainment
- FRP
- Operations & Support

## ACAT I
- AOA
- Preliminary Design Review
- Critical Design Review
- LRIP
- IOT&E
- IOC

## ACAT II
- Army Standard Family of Soft Wall Shelters Systems
- Human Remains Temperature Controlled Transfer Case
- Rapid Rigging / Derigging Airdrop System
- Ultra Lightweight Camouflage Net System (ULCANS) - (Artic/Snow, Urban, Aviation)

## ACAT III
- Advanced Low Velocity Air Drop System
- Battlefield Kitchen
- Extracted High & Low Speed Container Delivery System
- 9/18/36K British Thermal Units per Hour (BTU/H) Improved Environmental Control Unit
- Assault Kitchen
- Improved Army Space Heater Type II
- Joint Precision Airdrop System 10K
- Joint Precision Airdrop System 2K
- Multi-Temperature Refrigerated Container System
- 60K BTU/H Improved Environmental Control Unit
- Advanced Cargo Parachute Release System (ACPRS)
- Advanced Low Velocity Air Drop System (ALVADS) Block 1 Extraction Parachute Jettison System (EPJS)
- Authorized Stockage List Mobility System
- Battlefield 12-Head Shower
- Containerized Batch Laundry
- Containerized Chapel
- Containerized Kitchen
- Containerized Latrine System
- Containerized Self-Service Laundry
- Containerized Shower
- Dual Row Airdrop System
- Family of Cargo Bed Covers
- Family of Space Heaters
- Food Sanitation Center
- Kitchen Company Level Field Feeding - Enhanced
- Large Area Maintenance Shelter
- Large Capacity Field Heater
- Laundry Advanced System
- Lightweight Maintenance Enclosure
- Low Cost Aerial Delivery System
- Mobile Integrated Remains Collection System
- Mobile Kitchen Trailer
- Modern Burner Unit
- Modular General Purpose Tent System
- Refrigerated Container Systems
- Tent Extensible Modular Personnel
- Ultra Lightweight Camouflage Net System

## Critical Design Review
- AOA
- Preliminary Design Review
- Critical Design Review
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- IOT&E
- IOC

## as of APR 2018
# Mobile Electric Power Systems (MEPS)

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**ACAT I**
- Technology Maturation and Risk Reduction
  - Advanced Medium Mobile Power System (AMMPS) 5-60kW

**ACAT II**
- Engineering & Manufacturing Development
  - Management and Distribution Control
  - Large Advanced Mobile Power Sources
  - Deployable Power Generation & Distribution System
  - Power Distribution Illumination Systems Electrical

**ACAT III**
- Production & Deployment
  - LRIP
  - IOT&E
  - IOC

- Sustainment
  - A
  - B
  - C

*as of APR 2018*
# Small Expeditionary Power Sources (SEPS)

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</table>

**ACAT I**
- • Platoon Power Generator
- • Small Tactical Electric Power

**ACAT II**
- • 3kW Tactical Quiet Generator

**ACAT III**
- • 2kW Military Tactical Generator
### Force Projection (FP)

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#### ACAT I
- **ALUGS**: 2
- **Bridging**: 2
- **CE/MHE**: 4
- **PAWS**: 6
- **SKOT**: 4
- **UGV**: 2

#### ACAT II
- **ALUGS**: 1
- **Bridging**: 1
- **PAWS**: 1
- **UGV**: 1
- **Bridging**: Joint Assault Bridge (JAB)

#### ACAT III
- **ALUGS**: 1
- **Bridging**: 1
- **CE/MHE**: 1
- **PAWS**: 2
- **SKOT**: 4
- **TMDE**: 6
- **UGV**: 1

- **ALUGS**: 1
- **Bridging**: 6
- **CE/MHE**: 15
- **PAWS**: 8
- **SKOT**: 15
- **TMDE**: 8
- **UGV**: 1

- **Bridging**: 6
- **CE/MHE**: 33
- **PAWS**: 15
- **SKOT**: 2

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**America's Force of Decisive Action**

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</table>

**ACAT I**
- Leader Follower/Autonomous Convoy Operations
- Squad Maneuver Equipment Transport

**ACAT II**
- Route Clearance & Interrogation System

**ACAT III**
- M160 Anti-Personnel Mine Clearing System, Remote Control

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**Notes**
- Critical Design Review
- LRIP
- IOT&E
- IOC

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**America’s Force of Decisive Action**

**as of APR 2018**
# Bridging

## Pre-MDD Materiel Solution Analysis
- AOA

## Technology Maturation and Risk Reduction
- Preliminary Design Review

## Engineering & Manufacturing Development
- Critical Design Review

## Production & Deployment
- LRIP
- IOT&E
- IOC

## Sustainment Operations & Support

### ACAT I
- • Joint Assault Bridge (JAB)

### ACAT II
- • Family of Higher Military Load Classification Bridges
- • Stryker Launch Assault Bridge
- • Bridge Supplemental Set
- • Line of Communication Bridge (LOCB)
- • Assault Breacher Vehicle
- • Bridge Adapter Pallet
- • Bridge, Float-Ribbon, Propulsion
- • Common Bridge Transporter RECAP
- • Dry Support Bridge
- • Improved Ribbon Bridge

### ACAT III
- • Armored Vehicle Launched Bridge
- • Bridge Erection Boat - Legacy
- • Improved Boat Cradle
- • M104 Wolverine
- • M9 Armored Combat Earthmover Mod Program
- • Rapidly Emplaced Bridging System

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**America’s Force of Decisive Action**

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## Combat Engineer & Material Handling Equipment (CE/MHE)

### Pre-MDD: Materiel Solution Analysis
- **AOA**
- **Preliminary Design Review**

### Technology Maturation and Risk Reduction
- **Critical Design Review**
- **LRIP**
- **IOT&E**
- **IOC**

### Engineering & Manufacturing Development
- **AOA**
- **Preliminary Design Review**
- **Critical Design Review**
- **LRIP**
- **IOT&E**
- **IOC**

### Production & Deployment
- **AOA**
- **Preliminary Design Review**
- **Critical Design Review**
- **LRIP**
- **IOT&E**
- **IOC**

### Sustainment Operations & Support
- **AOA**
- **Preliminary Design Review**
- **Critical Design Review**
- **LRIP**
- **IOT&E**
- **IOC**

#### ACAT I
- Dust Palliative Dispenser
- ERACC IV Mixer Tiller
- ERACC III METL
- Family of Utility Support Equipment

#### ACAT II
- Self Propelled Concrete Saw
- Asphalt Mixing Plant
- ATEC Type II (Heavy)
- ERACC II Enhanced Earthmoving
- Family of Dozers (AD Light Dozer Ripper/Light Dozer Type I/Medium Dozer Ripper Type I/Medium Dozer Winch Type II)
- Heavy Grader (Air Drop Type IA/Type I GP)
- Heavy Scraper
- Light Capable Rough Terrain Forklift 5K
- Machine Powered Mowing System
- Portable Asphalt Patcher
- Portable Concrete Mixer
- Soil Density Tester TCMMD
- Vibratory Plate Compactor
- Vibratory Roller Type II
- Water Well Drill Rig Support Truck
- Water Well Well Drilling
- Air Assault Heavy Grader
- Air Assault Light Dozer Winch
- Air Assault Ultra Light Dozer
- Air Drop/Air Aslt Light Scraper
- Air Drop/Air Aslt Water Dist
- Airborne Vib Roller Type III
- All-Terrain Lifter, Army System
- Backhoe Loader
- Bituminous Material Paving Machine
- Compressor 750CFM
- Crushing Screening Washing Plant
- Deployable Universal Combat Earth Mover
- Dual Steel Wheel Roller
- EMM M4 Bituminous Distributor
- EMM M5 Concrete Mobile Mixer
- EMM M6 Dump Body
- EMM Water Distributor
- Family of Loaders (Air Assault Light Loader, Air Drop Light Loader, Light Loader Type II, Heavy Loader Type I, Scoop/Heavy Loader)
- Heavy Dozer Ripper
- High Mobility Engineer Excavator Type I
- Hydraulic Excavator Type I
- Light Crane, Abn/Ambl Light Crane
- Pile Driver Hammer 7000 LB
- Rotary Mixer Tiller
- Rough Terrain Container Handler
- SCAMP Avn Spt Crane
- Self Prop Pneumatic Roller
- Skid Steer Loader Type I
- Skid Steer Loader Type II
- Skid Steer Loader Type III
- Towed Pneumatic Roller
- Vegetation Removal Tool
- Vibratory Roller Type I

#### ACAT III

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**America’s Force of Decisive Action**

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# Petroleum And Water Systems (PAWS)

## Pre-MDD: Materiel Solution Analysis
- **AOA**
  - Preliminary Design Review

## Technology Maturation and Risk Reduction
- **Critical Design Review**

## Engineering & Manufacturing Development
- **LRIP**
- **IOT&E**
- **IOC**

## Production & Deployment
- **Operations & Support**

## Sustainment

### ACAT I
- **MDD**
- **ACAT II**
- **ACAT III**

<table>
<thead>
<tr>
<th>ACAT II</th>
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<tbody>
<tr>
<td>Black Water Treatment System</td>
<td>3000 GPH Tactical Water Purification System</td>
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<td>Gray Water Recycle System</td>
<td>Early Entry Fluid Distribution System</td>
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<td>Petroleum Expeditionary Analysis Kit</td>
<td>Mobile Tactical Retail Refueling System</td>
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<td>Small Unit Water Purifier</td>
<td>120K/300K/800K Fuel System Supply Point</td>
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<td>Unit Water Trailer</td>
<td>Expeditionary Water Packaging System</td>
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<td>Water From Atmospheric Humidity</td>
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<td>HEMTT-LHS Compatible Water Tank Rack</td>
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<td>Modular Fuel System - Pump Rack Module</td>
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<td>Forward Area Water Point Supply System</td>
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<td>Inland Petroleum Distribution System</td>
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<td>Lightweight Water Purifier</td>
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<td>M969 Tanker</td>
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<td>SEMITRAILER TANK, 5000G, BULKHAUL</td>
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<td>Water Storage and Distribution System 40K</td>
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<td>Water Storage and Distribution System 800K</td>
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# Sets, Kits, Outfits, and Tools (SKOT)

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**ACAT I**
- Divers Supplemental Issue Set
- Family of Power Utility Kits
- Next Generation Shop Equipment
- Contact Maintenance
- Urban Search and Rescue A KIT

**ACAT II**
- Fire Suppression Refill System
- Kits Evidence Collection Detainee Processing
- Refrigeration Tool Kit
- Supervisor Propulsion Emergency and Recovery Set

**ACAT III**
- Armament Repair Shop Set
- Deep Sea Set (DSS)
- Diver Underwater Construction Set (UCS)
- Family of Boats and Motors Phase I - 7 & 15 Man Boats w/motors
- Family of Boats and Motors Rigid Inflatable Boat
- Family of High Pressure Breathing Air Compressors (FoHPBAC)
- Hydraulic System Test & Repair Unit (HSTRU)
- Hydraulic, Electric, Pneumatic, Petroleum Operated Equipment
- Load Bank System
- Measuring Machinist Tool Set (MMTS)
- Metal Working and Machining Shop Set
- Next Generation Shop Equipment, Welding
- Urban Operations Platoon Set
- Urban Operations Squad Set
- Vertical Skills Engineer Construction Kits

**Sustainment**
- Fire Protection Equipment (FPE)
- Firefighter Individual Requirements Equipment Set (FIRES)

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# Test, Measurement, and Diagnostic Equipment (TMDE)

## Pre-MDD

- **MDD**
  - Materiel Solution Analysis
  - Technology Maturation and Risk Reduction

## A

- **A**
  - Preliminary Design Review

## B

- **B**
  - Critical Design Review

## C

- **C**
  - Production & Deployment

## FRP

- **FRP**
  - Sustainment
    - Operations & Support

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### ACAT I

- **CM-523/U Spectrum Analyzer**

### ACAT II

- **OS-305 Oscilloscope (1GHz)**
- **OS-307 Oscilloscope (200 MHz)**
- **TS-4544/U Telecommunication System Test Set**
- **TS-4548/P RF Test Set**
- **TS-4549/T Radio Test Set (Bench Level)**
- **TS-4558 Optical Time Domain Reflectometer**

### ACAT III

- **AN/PRM-36 Radio Test Set**
- **AN/GSM-437 Multimeter**
- **Calibration Sets Equipment**
- **Maintenance Support Device**
- **Next Generation Automatic Test System**
- **SG-1366/U Signal Generator (Microwave)**
- **SG-1364/U Signal Generator (Low Frequency)**
- **TS-4530A/UPM Radar Test Set**

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*as of APR 2018*
# Unmanned Ground Vehicle (UGV)

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**ACAT I**
- Common Robotic System - Heavy
- Robotics Enhancement Program

**ACAT II**
- Common Robotic System – Individual

**ACAT III**
- Man Transportable Robotic System Inc II

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**America’s Force of Decisive Action**

as of APR 2018
## Joint Light Tactical Vehicle (JLTV)

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<th>MDD</th>
<th>Pre-MDD</th>
<th>Materiel Solution Analysis</th>
<th>Technology Maturation and Risk Reduction</th>
<th>Engineering &amp; Manufacturing Development</th>
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<th>FRP</th>
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<tr>
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<td>A</td>
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<td>LRIP</td>
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</tbody>
</table>

### ACAT I
- **JLTV Family of Vehicles (FoV)**

### ACAT II
- **GMV: 1**
- **LTV: 1**

### ACAT III
- **LTV: 4**

---

**Notes:**
- **AOA:** Initial Operational Capability
- **IOC:** Initial Operational Capability
- **LRIP:** Low-Rate Initial Production
- **IOT&E:** Initial Operational Test & Evaluation

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**Source:** as of APR 2018

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**America’s Force of Decisive Action**
### Light Tactical Vehicles (HTV)

<table>
<thead>
<tr>
<th>ACAT I</th>
<th>ACAT II</th>
<th>ACAT III</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>MDD</strong></td>
<td>Materiel Solution Analysis</td>
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<tr>
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</tbody>
</table>

- **ACAT I**
  - High Mobility Multi-Purpose Wheeled Vehicle (HMMWV) Family of Vehicles (FoV)

- **ACAT II**
  - Light Engineer Utility Trailer

- **ACAT III**
  - Light Tactical Trailer Chassis
  - M1061A1 5-Ton, 4-Wheel, Flatbed Trailer
  - M1101/M1102, Light Tactical Trailer
  - M200A1

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*America’s Force of Decisive Action* as of APR 2018
# Transportation Systems (TS)

## ACAT I
- **Pre-MDD**
  - **AOA**

## ACAT II
- **MDD**
  - **Technology Maturation and Risk Reduction**
    - **Critical Design Review**
      - HTV: Palletized Load System (PLS)
      - HTV: Heavy Expanded Mobility Tactical Truck (HEMTT)
      - MTV: Family of Medium Tactical Vehicles (FMTV)

## ACAT III
- **Sustainment Operations & Support**
  - **IOC**
  - **LRIP**
  - **IOT&E**

---

**America’s Force of Decisive Action**

- **MDD**
  - **Pre-MDD**
    - **AOA**

- **MDD**
  - **Technology Maturation and Risk Reduction**
    - **Critical Design Review**
      - HTV: Palletized Load System (PLS)
      - HTV: Heavy Expanded Mobility Tactical Truck (HEMTT)
      - MTV: Family of Medium Tactical Vehicles (FMTV)

- **Sustainment Operations & Support**
  - **IOC**
  - **LRIP**
  - **IOT&E**

## as of APR 2018
# Army Watercraft Systems (AWS)

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</tbody>
</table>

**ACAT I**
- Maneuver Support Vessel (Heavy)
- Maneuver Support Vessel (Medium)
- Army Watercraft Module Berthing
- Army Watercraft Systems Force Protection
- Barge Derrick
- Medium Tug with Integrated Barge
- Modular Causeway System
- Re-Procurement, Modular Warping Tug
- Re-Procurement, Roll-on/Roll-off Discharge Facility

**ACAT II**
- Maneuver Support Vessel (Light) (MSV(L))

**ACAT III**
- Floating Crane, 100-250 Ton
- Landing Craft Mechanized (LCM8) Mod 1 (LCM8 Mod 1)
- Landing Craft Mechanized (LCM8) Mod II (LCM8 Mod II)
- Landing Craft Utility (LCU) 2000
- Large Tug-800
- Logistic Support Vessel (LSV) Besson Class (1-6)
- Logistic Support Vessel (LSV) Kuroda Class (7-8)
- Modular Causeway Systems
- Pusher Tug, Small

As of APR 2018
### Heavy Tactical Vehicles (HTV)

#### Pre-MDD
- Materiel Solution
- Analysis

#### Technology Maturation and Risk Reduction
- Preliminary Design Review
- Critical Design Review

#### Engineering & Manufacturing Development

#### Production & Deployment
- MDD FRP

#### Sustainment
- Operations & Support

### ACAT I
- AOA

### ACAT II
- • Enhanced Heavy Equipment Transporter System
  - • Semitrailer Low Bed 25 Ton 4 Wheel W/E

### ACAT III
- • Truck, Heavy Dump, 20T (CCE)

### Critical Design Review
- • Palletized Load System (PLS)
- • Heavy Expanded Mobility Tactical Truck (HEMTT)

### IOC
- • Modular Catastrophic Recovery System
- • M870A4

### LRIP
- • HEMTT Based Water Tender
  - • M1022A1 Dolly Set, Transportable Shelter, 7 1/2 Ton
  - • M105A3 Cargo Trailer, 1 1/2 ton, 2 wheeled
  - • M1070 Heavy Equipment Transporter System
  - • M915A5 Truck
  - • Selfload/Off Load Trailers
  - • Semitrailer FB BB/CONT TR 34T M872 C/S
  - • Semitrailer FB BB/CONT TRANS 22 1/2 T
  - • Trailer, Heavy, Expanded Mobility
  - • Truck, Firefighting, Tactical
  - • Truck, Tractor, Yard Type M878 (C/S)

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**America’s Force of Decisive Action**

as of APR 2018
# Medium Tactical Vehicles (HTV)

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</table>

**ACAT I**
- **Family of Medium Tactical Vehicles (FMTV)**

**ACAT II**

**ACAT III**
- **M939A2 5-Ton Truck Series Mod Program**
## Mine Resistant Ambush Protected (MRAP) Vehicles Systems

<table>
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<td>• M1276 M-ATV UIK W/CROWS W/WIN-T PoP</td>
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<td>• M1274 M-ATV UIK W/CROWS W/WIN-T SNE</td>
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<td>• MRAP Vehicle, CAT I, MaxxPro LWB Ambulance (M1266A1)</td>
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<td>• Mine Protected Clearance Vehicle (MPCV) Buffalo</td>
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<td>• Mine Clearing Vehicle (MCV)</td>
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**America’s Force of Decisive Action**

as of APR 2018

[Image of U.S. Army logo]