2008 TACOM LCMC Combat Vehicles Conference

“Urgent Need Today for Tomorrow’s Capabilities”

TACOM LCMC

Mr. Jack Dugan
TACOM LCMC Deputy to the Commander

21 October 2007
Why We Do What We Do

Sustain
Prepare
Reset
Transform

Unclassified
Core Competencies:
- Acquisition / Program Management
- Logistics, Industrial Operations, and Contracting
- Research, Development, and Life Cycle Engineering

The Magnitude:
- Over 70% of the Military’s Equipment / Systems
- Over 150 Allied Countries Own Our Equipment
- Nearly 3,000 Fielded End Items
- Approximately 37,000 Components
- Nearly 500,000 PLISNs

The TACOM LCMC Product Lines:
- Combat Vehicles
- Trailers
- Materiel Handling Equipment
- Fuel & Water Dist Equipment
- Chemical Defense Equipment
- Howitzers
- Commercial Vehicles
- Tactical Vehicles
- Construction Equipment
- Tactical Bridges
- Armored Security Vehicle
- Route Clearing Vehicle
- Mine Resistant Ambush Protected (MRAP)
- Sets, Kits & Outfits
- Shop Equipment
- Large Caliber Guns
- Watercraft
- Mortars
- Aircraft Armaments
- Rail
- Fuel & Lubricant Products
- Rifles / Machine Guns
- Soldier Equipment
- Rapid Fielding Initiative
- Robotics

MISSION: Develop, acquire, field, and sustain Soldier and ground systems for the Warfighter through the integration of effective and timely Acquisition, Logistics, and cutting-edge Technology.

We support a diverse set of product lines through their life cycles, from combat and tactical vehicles, armaments, watercraft, fuel and water distribution equipment, to soldier, biological, and chemical equipment.
Where We Are
TACOM LCMC Associates
Depots and Arsenals

HQ TACOM LCMC
4027 Civ & 89 Mil
TARDEC (1173 Civ & 9 Mil) R&D for
Ground Vehicle Power & Mobility

Sierra Army Depot
747 Civ
Munitions disposal, long
term storage, reset of
Reverse Osmosis Water
Purification Units (ROWPUs)

Rock Island
1213 Civ
Arsenal - 1540 Civ
largest government-
owned weapons
manufacturing arsenal

Red River Army
Depot (3375)
Repairs Bradley,
Multiple Launch Rocket
System, and Combat
Tactical Wheeled
Vehicles

Anniston Army
Depot (4320)
Repairing all heavy
tracked vehicles

JSMC –
Lima
(GOCO)
M1 Tank

Watervliet
Arsenal 587 Civ
Sole facility making
large caliber cannons

Natick-138 Civ
NSRDEC-614 Civ
R&D for soldiers

Picatinny- 233 Civ
ARDEC- 3188 Civ
& 24 Mil
R&D for armament and
munitions systems

Personnel ≈ 21,000
9 Primary locations
79 Smaller Locations

Data as of Aug 08
TACOM LCMC G1 Office

Numbers denote physically located at the site.
TACOM LCMC
FY08 Total Command Obligations

Base Program

- FMS, $3.5
- PEO CS & CSS, $4.1
- ILSC, $5.6
- PEO GCS, $2.9
- PEO SOLDIER, $1.2

Supplemental Program

- FMS, $0.9
- ILSC, $4.8
- PEO CS & CSS, $9.5
- PEO GCS, $8.1
- PEO SOLDIER, $2.8

Obligations

- FMS, $4.4
- ILSC, $10.3
- PEO CS & CSS, $8.4
- PEO GCS, $9.2
- PEO SOLDIER, $3.6

TOTAL FY08 CONTRACTS: $30.5B

Includes $’s from customers outside TACOM LCMC
TACOM LCMC
FY09 What We Think

FY09 Total Command Budget $48.9B (estimated)

(Base Program)

PEO GCS, $15.7
ILSC, $4.0
PEO CS & CSS, $5.1
PEO SOLDIER, $1.8
PEO GCS, $3.5
ILSC, $4.9
PEO SOLDIER, $1.8
PEO CS & CSS, $12.1
PEO GCS, $15.7

($B)

$15.3B
$33.6B

TOTAL Estimated FY09 Contract Awards: $27.9B
### Total TACOM LCMC Command Obligations

**($ in billions)**

<table>
<thead>
<tr>
<th>Year</th>
<th>2002</th>
<th>2003</th>
<th>2004</th>
<th>2005</th>
<th>2006</th>
<th>2007</th>
<th>2008</th>
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<td>.1</td>
<td>2.4</td>
<td>3.3</td>
<td>7.1</td>
<td>10.4</td>
<td>26.5</td>
<td>26.1</td>
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<tr>
<td>Base</td>
<td>6.5</td>
<td>8.6</td>
<td>11.4</td>
<td>14.3</td>
<td>8.4</td>
<td>10.0</td>
<td>17.3</td>
<td>15.3</td>
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<tr>
<td>Total</td>
<td>6.6</td>
<td>11.0</td>
<td>14.7</td>
<td>21.4</td>
<td>18.8</td>
<td>36.5</td>
<td>43.4</td>
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</table>

| Base as % of Total | 98% | 78% | 78% | 67% | 45% | 27% | 40% | 31% |

**FY09 estimate**

**Note:**
- SUPP = SUPPLEMENTAL
- Base = Base

*Source: [Department of Defense](https://www.defense.gov)*
Funding Within the Life Cycle

Joint Warfighter Rqmts

Concept Refinement → Technology Development → System Development & Demonstration → Production & Deployment → Sustainment & Upgrade → Removal from Inventory

RDT&E

M88A2

APA/OPA

M1A2 SEP

M88A2

FCS

AWCF / OMA

M1A1

M88A1

Unclassified
LCMC TRANSFORMATION CHALLENGE

Joint Warfighter Reqmts
- Concept Refinement
- Technology Development
- System Development and Demonstration
- Production and Deployment
- Sustainment and Upgrade
- Removal from Inventory

RDT&E
PA
AWCF / OMA

- CONCEPTUAL BARRIERS
- FINANCIAL BARRIERS
- POLICY BARRIERS
- LEGISLATIVE BARRIERS
- CULTURAL BARRIERS
- ORGANIZATIONAL BARRIERS
Partnering in End Items

- **Abrams AIM/SEP Tank**
  - GDLS ↔ ANAD

- **Bradley Fighting Vehicle**
  - BAE ↔ RRAD

- **Stryker Battle Damage Repair**
  - GDLS ↔ ANAD

- **HEMTT Reset**
  - Oshkosh ↔ RRAD

- **FMTV Reset**
  - BAE ↔ RRAD

- **HMMWV Recap**
  - AM General ↔ RRAD

- **MRAP**
  - BAE ↔ LEAD

- **ASV**
  - Textron ↔ RRAD

- **FCS Cannon**
  - GDOTS ↔ WVA

*Unclassified*
Urgent Need to Keep the Army Strong
America’s Army

• We exist to support warfighters, and we will do what it takes to meet their needs

• We’re a high tech, global organization. We are prepared for changes in threat, technology, and mission

• We’re constantly working to increase the safety of our Soldiers

• Our programs are at the core of Army Modernization; failure to modernize is measured in lives