NDIA ATE
Army Liaison Report

29 April 2015

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Agenda

• US Army TACOM LCMC Program Updates
  – PEO GCS
    • Organizational changes
    • GCS Platform Modernization
  – PEO CS&CSS
    • JLTV
  – TMDE Acquisitions
  – Picatinny ATSD
  – Army Fiscal Update
COL Glenn A. Dean III slated for SBCT PM this summer
PEO GCS Organizational Updates

Four Organizations Defined

- **Project Manager Armored Fighting Vehicles** – COL James Schirmer
  - PdM Self-Propelled Howitzer Systems
  - PdM Bradley Fighting Vehicle
  - PdM Future Fighting Vehicle

- **Project Manager Armored Multi-Purpose Vehicle** – COL Michael Milner
  - PdM Armored Multi-Purpose Vehicle Platforms
  - PdM Armored Multi-Purpose Vehicle Integration

- **Project Director Main Battle Tank Systems** – Mr. Andrew DiMarco
  - PdM Combat Vehicle Recovery Systems
  - PdM Foreign Military Sales
  - PdM Abrams Main Battle Tank

- **Project Manager Stryker Brigade Combat Team** – Mr. David Doop
  - PdM Production & Variant Management
  - PdM Stryker Future Operations
  - COL Glenn A. Dean III slated for SBCT PM this summer

- Ground Combat Vehicle has moved within PdM Future Fighting Vehicle
Armored Multi-Purpose Vehicle (AMPV)

- AMPV Engineering and Manufacturing Development (EMD) contract awarded to BAE Systems Land & Armaments Dec 23 2014
- Provides a replacement for M113 Family of Vehicles
- Initial award 52-month base term ~$382M
  - Includes 29 vehicles
- Potential $1.2B EMD and Low Rate initial Production
Ground Combat Vehicle (GCV)

- GCV TD Phase awarded 18 Aug 11 (~$450M each)
  - BAE Systems Land and Armaments
  - General Dynamics Land Systems
- TD Contracts completed 4 June 2014
- PM GCS organization has been deactivated
- Additional work will continue with BAE and GDLS for Future Fighting Vehicle (FFV)
  - Bridge contracts awarded in 4th QTR FY14
  - New contracts in FY15 are anticipated to mature FFV technologies
- Managed by PdM FFV
• GCS Modernization Strategy - executed through the ECP process
  – Abrams
    • GDLS awarded ECP 1 development contract Sep 2012
    • Fielding scheduled for FY17
  – Bradley
    • ECP 1 production contract awarded to LOC
    • BAE awarded ECP 2 development contract Sep 2012
    • ECP 2 fielding scheduled for FY17
• Stryker BCT
  – Executed through the ECP Process
  – On 14 Mar 2013, the Army Systems Acquisition Requirements Council (ASARC) approved ECP R&D Phase II
  – Phase II award to GDLS  Sep 13
  – ECP Production  FY18

• Paladin SPHS (PIM Program)
  – BAE Sole Source LRIP contract  awarded in FY14
  – FRP  FY17
  – Production Quantities: 580 sets
Joint Light Tactical Vehicle

- EMD 27-month Firm-Fixed Price Contracts awarded on 22 Aug 2012 to:
  - AM General: $64.5M
  - LM: $66.5M
  - Oshkosh: $56.4M

- EMD Prototype Vehicles (22 per contract) delivered for Performance and RAM testing August 2013

- JLTV LRIP and FRP Market Survey released 25 Mar 2013 (for viable non-EMD vendors able to compete)

- Schedule
  - June 2014 Draft LRIP RFP
  - December 12 Final LRIP RFP Released
  - Project 4Q15 LRIP Award
At-Platform Test Equipment: (Maintenance Support Device (MSD), Internal Combustion Engine Kit (ICE, SWICE))

Off-Platform Test Equipment: (BSTF, Next Generation Automatic Test System)

General Purpose Electronic Test Equipment Modernization (TEMOD)

Calibration Instruments & Standards

Used by all weapon systems maintainers at Field and Sustainment Levels to perform at platform maintenance.

Supports repair of Line Replaceable Modules at Field and Sustainment Levels for multiple weapon systems.

Provides Field and Sustainment Level testing of weapon systems operational tolerances.

Performs Sustainment Level calibration / quality assurance for General Purpose Electronic Test Equipment that supports weapon systems.

Innovation for Today and Tomorrow's Expeditionary Forces
TMDE Acquisitions –
Next Generation Automatic Test System (NGATS)

• NGATS Console/System Integration Full Rate competition
  – Final RFP released 13 Mar 2014
  – Awarded on 24 Sep 2014 to Boeing
TMDE Acquisitions – NGATS Shelters

• NGATS Shelter competition (ATE, TPS Shelters)
  – RFI (Sources Sought) Released 18 Mar 2011
  – RFI (Sources Sought) Released 30 Nov 2011
  – Pre-Solicitation meeting held 10 Oct 2012
    • Two acquisitions identified (ATE, Shelters)
  – Pre-Solicitation notice 2 Apr 2015
  – RFP anticipated 3QFY15
Next Generation Automatic Test Station

A highly mobile, rapidly deployable, general-purpose, reconfigurable automatic test system which directly supports testing and screening of Army weapon systems to maintain their readiness to shoot, move, and communicate. Designated to replace Direct Support Electronic Systems Test Set (DSESTS), Base Shop Test Facilities (BSTF), versions 3 and 5, and other legacy ATE.

Description:

NGATS Fielding:
- NGATS will replace legacy ATE
- Projected AAO is 193 systems

NGATS Status:
- Console contract awarded September 2014
- First article to be delivered September 2015
- NGATS Shelter RFP to be released 3QFY15
Current and Future Major Weapon Systems Supported by an Off Platform Test System

NGATS will be Capable of Supporting Existing and Future Army Platforms

Also others including CREW DUKE, DAGR, Firefinder, M109A7, Paladin PIM & Husky
TMDE Acquisitions – Misc.

- Various General Purpose Electronic Test Equipment Modernization projects (TEMOD) – FY16 Contract Awards
  - ME-572()/U Ammeter (FY15)
  - OS-305/U Oscilloscope
  - OS-307/U Oscilloscope
  - TS-4548/P RF Power Meter
  - TS-4549/T Radio Test Set

- Multiple Calibration instruments & standards acquisitions

- Maintenance Support Device & SWICE Production
  - MSD-V4 (Rugged) RFP to be released 4QFY15
  - MSD-V4 (Light) RFP to be released 1QFY16
  - SWICE production ongoing
ATE Engineering Services IDIQ – Contracts & RF Task Order 001
- Draft RFP released 28 Aug 2012
- RF Spec revision complete
- Final RFP released 06 Dec 2013
- Proposal deadline 18 Feb 2014
- Contract vehicles and Task Order 001 awarded Sept 23 2014

ATE Engineering Services IDIQ – ATE/TPS Support & Maint. Task
- Release Apr 3 2015
- Response due Apr 17 2015
Picatinny ATSD Activity

• Current NGATS TPS rehost/development activity
  – Abrams/Bradley (all variants)
  – STRYKER (all variants)
  – STRYKER MGS
  – CREW DUKE/THOR
  – FireFinder
  – Paladin PIM
  – CROWS
  – M777
  – All three TPS Centers beginning to rehost TPSs to NGATS

• Other
  – CBA for ATS complete and validated by DASA-CE
  – West Point TPS study complete, being updated
  – Army Field level maintenance study in-process
FY16 Army’s Budget Request

Budget Trends
FY 2007 – FY 2016 ($B)

Given realities of constrained budgets, the Army must adapt, innovate, and make difficult decisions impacting the Total Force.
Army’s Top 12 in FY 2016 Budget Request

Top 12 Critical items within the $127B FY 2016 Budget Request

1. Nett Warrior System – Android Based Communication
2. Field Family of Networked Tactical Radios
3. Warfighter Information Network – Tactical System
4. Joint Battle Command – Platform
5. Distributed Common Ground System
6. Joint Light Tactical Vehicle (JTLV)
7. Maneuver Support Vessel – Light (MSV-L)
8. AH-64 Apache – Convert D Model to E Model
9. Armored Multi-Purpose Vehicle (AMPV)
10. Patriot Missile
11. Paladin Integrated Management (PIM)
12. UH-60 Black Hawk

The M109 PIM program is one of the Army’s top 12 critical programs in the Fiscal Year 2016 budget.

Source: www.Army.Mil
FY16 Army’s Budget Request

CONCLUSION

The Army has three major challenges due to the budget uncertainty

1. The “velocity of instability” has substantially increased since the FY16 spending cap was set almost four years ago; the cap simply has not kept pace with the geopolitical reality unfolding around the world.

2. Near Term. The FY16 President’s Budget partially mitigates the risks inherent with funding reductions under Sequestration levels.
   - Begins to restore the balance between end strength, readiness, and modernization
   - Provides resources to start rebuilding readiness that has deteriorated over the past several years-readiness that is imperative to maintain strategic and operational flexibility
   - Focuses modernization efforts on the Soldier and Mission Command elements and begins to restore funding in modernization that remains near historic lows

3. Long Term. Sequestration in FY16-FY23 dramatically suppresses defense spending without acknowledging the world in which we live.
   - The Army has no major new modernization programs until the next decade.
   - Continued sequestration will reduce the force to 420K AC/315K ARNG/185K USAR, jeopardizing the Army’s ability to execute even one prolonged multiphase contingency operation.

Support of the President’s Budget Moderates the Risks to Today’s Threats to National Security