Agenda

- Major Platform Updates
  - Armored Multi-Purpose Vehicle (AMPV)
  - Joint Light Tactical Vehicle (JLTV)
  - Ground Combat Systems Modernization

- PEO Combat Support & Combat Service Support (CS&CSS)
  - Organization
  - Force Projection Portfolio
  - Test Measurement & Diagnostic Equipment (TMDE) Overview
    - Next Generation Automatic Test System (NGATS)
    - NGATS Shelters
    - TMDE Acquisitions

- Picatinny Automatic Test System Division (ATSD)
  - Acquisitions
  - Activity
Armored Multi-Purpose Vehicle (AMPV)

- AMPV Engineering and Manufacturing Development (EMD) contract awarded to BAE Systems Land & Armaments Dec 23 2014
  - Required Commercial Off-the-Shelf design that can be incrementally improved
- Initial award 52-month base term ~$388M
  - Includes 29 vehicles for testing
- Planned 3-year LRIP contract in 2020, ~289 vehicles
- First prototype rolled off production line December ‘16
  - 24 months after award
- Currently anticipate 2,897 vehicles @ $3.7M ea., built over 13 years
- Currently planning support using NGATS
Joint Light Tactical Vehicle

- Oshkosh awarded Production Contract on 25 Aug 2015
  - $6.7B (17,000 vehicles)
  - Procurement thru ~2040, ~55,000 Total
    - ~49,500 Army & ~5,500 USMC Vehicles
    - Total Program Cost dropped from ~$30B to ~$25B, due to realized savings vs estimates, updates to purchasing profile...

- Army’s first order March 2016 – 657 systems

- Full Rate Production decision is planned for FY2018

- Army IOC FY2019, USMC FY2020

- Air Force considering JLTV for security forces

- May ‘16 Army disclosed JLTV to be used for Light Reconnaissance Vehicle (LRV)
Ground Combat Systems Modernization

- Upgrades & additional production will continue
  - Abrams
  - Bradley
  - Stryker BCT
  - Paladin (PIM Program)
- Future Fighting Vehicle
  - BAE & General Dynamics awarded contracts in June ‘16 to provide the “realm of possibilities” for infantry fighting vehicles
    - Concepts due in November ‘16
    - Two possible outcomes
      - Acquisition of new Future Fighting Vehicle (Bradley replacement)
      - Additional modernization of Bradley
    - Army appears sensitive to Bradley replacement
      - Prior attempts, GCV & FCS, resulted in the “perfect vehicle” – difficult requirements, took too long, cost too much

Major Platform Upgrades Remain a Significant Effort
PEO Combat Support & Combat Service Support
Mr. Michael Cadieux (Acting)  (Outgoing)

Mr. Ross Guckert  (Incoming)

Deputy PEO
Force Projection Portfolio
Test Measurement & Diagnostic Equipment Overview

**TMDE Product Teams**
- APATS - At-Platform Automated Test Systems
- OPATS/NGATS - Off-Platform Automated Test Systems
- TEMOD - Test Equipment Modernization
- CALSETS - Calibration Sets
- FMS - Foreign Military Sales
Next Generation Automatic Test System (NGATS)

Description:

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.

NGATS Fielding:
- NGATS will replace legacy ATE
- Projected AAO is 184 systems

NGATS Status:
- Console contract awarded September 2014
- First Article Test completed September 2015
- NGATS Shelter contract awarded February 26, 2016
TMDE Programs – NGATS

- Console/System integration full rate competition
  - Awarded Sept 2014 to Boeing
- First Article Test complete Sept 2015
- Current production for TPS development/rehost
- Army Reliability Test Event
  - Free Standing – Completed December 2016
  - Shelter Configuration – Start April 2017
- Logistics Demo. In Process
NGATS Shelter (ATE, TPS Shelters)
- Contract awarded February 2016 to AAR Manufacturing Inc.
- Currently Producing 4 Set of Shelters (ATS, TPS)
- Shelter ATP Completed October 2016
- Shelter Delivered December 2016
- NGATS Shelter Installation Completed February 2017
Various General Purpose Electronic Test Equipment Modernization projects (TEMOD) – anticipated Contract Awards

- ME-572/U Ammeter (3QFY17)
- OS-305/U Oscilloscope (3QFY17)
- OS-307/U Oscilloscope (3QFY17)
- TS-4548/P RF Power Meter (3QFY17)
- TS-4544/U Telecommunications Test Set (2QFY18)

Multiple Calibration instruments & standards acquisitions

Maintenance Support Device (MSD) & Smart Wireless Internal Combustion Engine (SWICE)

- MSD-V4 (Rugged) RFP anticipated release 4QFY17
- MSD-V4 (Light) RFP anticipated release 4QFY17
- Wireless At-platform Test Set (WATS) RFP release 4QFY18
- SWICE production ongoing
ATE Engineering Services IDIQ – Large Business IDIQ

- Continuing to release tasks
  - NGATS RF Subsystem
  - Computer Upgrade
  - Acquiring Data
  - Hemispherical Active Expeditionary Detect/Defeat System
  - F-35
  - Health Management System
  - LAV Trainers

ATE Engineering Services IDIQ – Small Business IDIQ

- Continuing to release tasks
- ATSD had the ceiling raised on the current contract
- Anticipate new contract RFP CY 17 (May)
  - ATSD developing new contract for its Directorate (Fire Control), which includes all 5 Divisions
Current NGATS TPS rehost/development activity
- Abrams/Bradley (all variants)
- STRYKER (all variants)
- STRYKER MGS
- CREW DUKE/THOR (V4/V5)
- FireFinder
- Paladin M109A7
- CROWS (new variants being developed: Abrams)
- M777
- Husky HDMS
- Spider
- AN/TPQ-53
- PM Cargo

Other
- Army Field level maintenance study in-process
- Army CBM+/HMS (NxOMS) efforts
- Electro-Optic Test Subsystem
- RF Subsystem