NDIA ATC
Army Liaison Report
April 17, 2018
Agenda

- PEO Combat Support & Combat Service Support (CS&CSS)
  - Organization

- Test Measurement & Diagnostic Equipment (TMDE) Overview
  - Next Generation Automatic test System (NGATS) Overview
  - NGATS
  - NGATS Shelters
  - TMDE Acquisitions

- Picatinny Automatic Test System Division (ATSD)
  - Acquisitions
  - Activity
  - Quartz Watch Day
PEO Combat Support & Combat Service Support

Leadership Change
CS&CSS Leadership Changes

- **Assistant Secretary of the Army for Acquisition, Technology, and Logistics**
  - Outgoing: (Acting) Ms. Steffanie Easter
  - Incoming: Dr. Bruce Jette

- **Principle Deputy Assistant Security of the Army Acquisition, Logistics and Technology**
  - Outgoing: (Acting) Mr. Christopher Lowman
  - Incoming: Mr. Jeffery White

- **PEO CS&CSS**
  - Outgoing: Mr. Scott Davis
  - Acting: Mr. Ross Guckert
  - Incoming: Mr. Tim Goddette

- **Deputy PEO CS&CSS**
  - Outgoing: Mr. Ross Guckett
  - Incoming: (Acting) Mr. Michael Sprang

- **Chief of Staff**
  - Outgoing: COL John Cavedo Jr.
  - Incoming: COL John Hall

- **PD Army Watercraft Systems**
  - Outgoing: Ms. Zina Kosak-Zachary
  - Incoming: Mr. Chad Stocker
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
What is NGATS?

NGATS - DOD / Army Standard

A single system for Field, Sustainment, and Depot Maintenance supporting current and future systems IAW DoD, ASA(ALT), and Army Policy

NGATS (DoD/Army Standard)

- Replaces Legacy AT
  - DSESTS
  - BSTF
  - EOTF
  - Abrams/Bradley
  - Ground Missile Systems
  - Kiowa Electronics
  - Kiowa/Apache Electro-Optics

- Supports Current and New Systems
  - Abrams
  - Bradley
  - Stryker
  - CROWS
  - LW155
  - TPQ-53
  - CH-47

Reduces Total Logistics Burden
- Enables Information Superiority
- Reduces Obsolescence / NEOFs
- Enables Closed Loop Diagnostics
- Supports CLOE-SALE(LMP/GCSS-A)
- Consolidates ATS
- Consolidates MOS 91G to 94Y

Increases Operational Benefits
- JCIDS Validated / ATEC Tested
- NET Ready
- Decreased TPS Diagnostic Times
- C130 Transportable
- Reconfigurable
- Open Source Architecture
- Field level, Sustainment level (equipment Synergy w/ Depots)

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TMDE Programs – Next Generation Automatic Test System (NGATS)

- First Article Test completed Sept 2015
- Current production supporting TPS development/rehost
- Army Reliability Test completed May 2017
- Logistics Demo. completed May 2017
- Rail Impact Test completed Dec 2017
- Mobility Test completed Apr 2018
- Materiel Release anticipated Oct 2018
TMDE Programs – NGATS Shelters

- Currently Producing 4 Set of Shelters (ATS, TPS)
- Shelter ATP Completed October 2016
- First Shelter Delivered January 2017
- First NGATS Shelter Installation Completed February 2017
- Rail Impact Test completed Dec 2017
- Mobility Test completed Apr 2018
NGATS Mission Areas

NGATS will be Capable of Supporting Existing and Future Army Platforms

TPS Engineering Development
- Completed
- In Process
- Planned
- In Discussion

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TMDE Acquisitions – Misc.

Various General Purpose Electronic Test Equipment Modernization projects (TEMOD) – anticipated Contract Awards

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

Multiple Calibration instruments & standards acquisitions

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

- MSD-V4 (Rugged) RFP anticipated release 3QFY18
- MSD-V4 (Light) RFP anticipated release 1QFY18 (RFP released)
- Wireless At-platform Test Set (WATS) RFP release 4QFY18
- SWICE production ongoing
Picatinny ATSD Army Acquisitions – ATE Engineering Services IDIQ

- ATE Engineering Services IDIQ – Large Business IDIQ
  - Continuing to release tasks

- ATE Engineering Services IDIQ – Small Business IDIQ
  - RFP for new contract released August 1, 2017
    - ATSD’s future contract will support the Directorate (Fire Control), which includes all 5 Divisions
    - $125M ceiling over five years
    - Anticipate award very soon
Picatinny ATSD Army Activity

- Working with West Point to update the Army’s ATE/NGATS Study
- Rehosting/developing numerous TPSs for NGATS & VIPER/T
- Working on Army CBM+/HMS (NxOMS) efforts
- Continuing to study/develop an Electro-Optic Test Subsystem
- Continuing the development of an RF Subsystem
Quartz Watch Day

- Planned Schedule – October 16 – 18, 2018
- Planned Location – Arlington, VA
- Initial Topics of Army Interest
  - New ATE and TPS Technology
  - Throughput Increases