



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



Organization

Principal Military Deputy to the (ASA(ALT))
LTG Paul Ostrowski



Assistant Secretary of the Army for Acquisition, Technology, and Logistics (ASA(ALT))
Honorable Dr. Bruce Jette



Principal Deputy Assistant Secretary of the Army (Acquisition, Logistics, and Technology)
Mr. Jeffrey White



Executive Officer
LTC Jan St John
APEO Business Management:
Mr. Jaan (J.P.) Marcoux
APEO Logistics:
Mr. Gian Braman
APEO FMS/Integration:
COL James Craig
APEO Systems Engineering/Information Technology:
Mr. Michela Minto
APEO Strategic Management:
Vacant
Director of Communication:
Mr. Michael Clow
Director of Current Operations:
Mr. Jim Blitz

(Acting) Program Executive Officer
Mr. Ross Guckert



(Acting) Deputy PEO
Mr. Michael Sprang



Chief of Staff
COL John Hall



Force Projection
PM: Mr. Bryan McVeigh
DPM: Mr. Steve Roberts



PdM Bridging
Mr. Steven Biezstra

PdM Combat Engineer/Material Handling Equipment
LTC Brian Watson

PdM Petroleum & Water Systems
LTC Craig Fournier

PdM Sets, Kits, Outfits & Tools
Mr. Wolfgang Pesemann

PdM Applique & Large Unmanned Ground Systems
LTC(P) Cory Berg

PdM Unmanned Ground Vehicles
Mr. Louis Anulava (USMC)

PD Test, Measurement, & Diagnostic Equipment
Mr. Oral Walker

PL Robot Logistic Support Center
Mr. Thomas Lettice

PEO CS&SS

★ Leadership Change

Expeditionary Energy & Sustainment Systems
PM: COL Adrian Marsh
DPM: Ms. Lisa Stone



PdM Small Expeditionary Power Sources
Mr. Mark Corzina (USMC)

PdM Mobile Electric Power Systems
LTC Harold Henderson

PdM Force Sustainment Systems
LTC(P) Frank Moore

PD Contingency Basing Infrastructure
Mr. Roy Folden

Joint Program Office
Joint Light Tactical Vehicle
PM: COL Shane Fullmer
DPM: Mr. Mike Sprang
DPM-USMC: Mr. Andrew Rodgers



PdM Vehicle Systems
LtCol John Gutierrez (USMC)

PdM Systems Integration
LTC Rob Barnhill

PD Test
Mr. Thomas Svisco

PD Light Tactical Vehicles
Mr. Craig Riedel

PL Ground Mobility Vehicles
(Acting) Ms. Jennifer Johnson

Transportation Systems
PM: COL Dan Furber
DPM: Mr. Eric Fletcher



PdM Heavy Tactical Vehicles
LTC Jeffrey Jurand

PdM Allied Tactical Vehicles
LTC Russell Hoff

PdM MRAP Vehicle Systems
LTC Michael Riley

PD Medium Tactical Vehicles
Mr. Alvin Bing

PD Army Watercraft Systems
Mr. Chad Stocker

★

January 18

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 Secretary of the Army Acquisition, Logistics and Technology

▪ Outgoing: (Acting) Mr. Christopher Lowman

Incoming: Mr. Jeffery White

➤ PEO CS&CSS

▪ Outgoing: Mr. Scott Davis

Incoming: Mr. Tim Goddette

▪ Acting: Mr. Ross Guckert

➤ Deputy PEO CS&CSS

▪ Outgoing: Mr. Ross Guckert

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

Replaces Legacy AT

- DSESTS**
 - Abrams/Bradley
- BSTF**
 - Ground Missile Systems
 - Kiowa Electronics
- EOTF**
 - Kiowa/Apache Electro-Optics

NGATS (DoD/Army Standard)

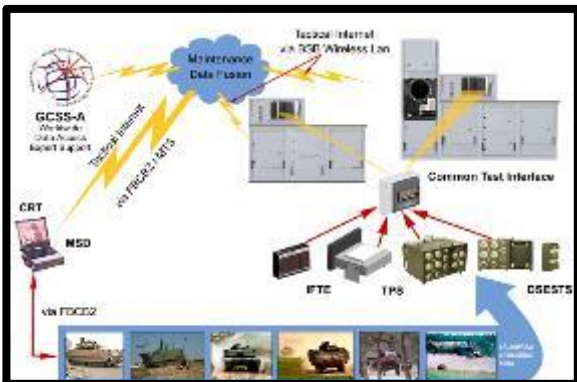


Automatic Test Equipment (ATE) Shelter

Test Program Set (TPS) Shelter

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)

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



M2A3
M3A3 BFIST



M1A2 SEP



Apache



CH-47



Stryker



M777



Firefinder



CROWS



STRI



M2A2 ODS/SA
M7 BFIST SA



Gray Eagle



JBC-P
(MFoCS)



M109A6 (Rehost),
M109A7 (New TPSs)
Paladin



NGATS will be Capable of Supporting Existing and Future Army Platforms

NVDs



MML



M1A1 SA



TPS Engineering Development
Completed
In Process
Planned
In Discussion

Avenger



TPQ-53



CREW Duke



Hellfire



Shadow



Husky HDMS



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**

