



NDIA Automatic Testing Committee

DoD ATS Liaison

Bill Ross

DoD ATS Executive Directorate

9 December 2008

ATS ED and AMB

- On 25 November, briefed OSD (AT&L) sponsor Mr. John Johns, ADUSD Maintenance Plans and Policy
 - Focus should be on the maintainer
- ATS Management Board (AMB) met during AUTOTESTCON
 - Reviewed the “State of the Union” relative to DoD ATS
 - ATS policy is in place and is being followed in all the Services
 - Services are working together to leverage each others’ investments
 - Industry is pursuing test technology in response to Services’ requirements
 - Tools are becoming available to help reduce the cost of TPS rehost
 - We are closer to having interoperability among our different ATE types
 - Our systems internally are beginning to look alike
 - Diagnostic data is being used to improve test and diagnostics
 - We are reducing support costs
 - New test technology is reducing logistics footprints (volume)
 - Technology insertion into existing ATE is easier and less costly

AMB (con't)

- **TPS Standardization IPT reactivated:**
 - Refresh MIL-PRF-32070
 - Better address:
 - Modern test languages and tools
 - Data capture, warehouse, and management
 - Will work jointly with the NxTest IPT and the ATS Framework Group
- **NxTest IPT Status**
 - Still winding up the ARGCS ACTD – hope to have a final report soon
 - Had a very successful Phase 1 DoD ATS Framework/ATML demo at AUTOTESTCON
 - 1671 (ATML) - Test Station/Instrument/Adapter Data, UUT Test requirements
 - 1232 (AI-ESTATE) - Diagnostic Data/Services
 - 1636 (SIMICA) - Maintenance Data
 - 1641 (Signal Modeling) - Resource Adapter Information
 - Phase 2 Framework demos to be presented at AUTOTESTCON 2009 being defined
 - Focused lately on future E-O test requirements
 - New focus is on TPS languages, transport, and diagnostics data
 - Coordinating with the TPS IPT
 - Scheduled a test technology “Industry Week” 13-16 January in Orlando

AMB (con't)

- AMB tasked the NxTest IPT to define a more formal way to better share Service test technology needs, initiatives, and results among the Services and with industry
 - Develop a test technology roadmap
- Future AMB focus areas:
 - Annual Joint Services TMDE like conference with AMB sponsorship
 - Monitor Enterprise Health Management initiatives – coordinate needed Interfaces
 - The AMB's IPTs to work closer with the JSF program

DoD Test Equipment Joint Opportunities List

- Joint O-Level ATS IPT has implemented the DoD Test Equipment Joint Opportunities List
- Criteria, nomination process, nomination form and six packages have been posted on the DoD ATS ED Web Site
 - Handheld Aircraft Wiring Test Set
 - Fuel Control Test Set
 - MSD V2 w/ICE kit
 - CAPRE
 - Automatic Wire Test Set
 - AWM-103A Stores Management Subassembly Test Set
- Other packages in process

Potential New ATC Task from Navy

1. Improving Board-Level Test (a study)

- Determine if additional standards are needed:
 - To better facilitate design to test
 - To ease transport of test programs across test systems
 - To leverage data across board test technique

2. OTPS TDP format (simple survey)

- Impact if change required JEDMICS files from C4 to PDF
 - Relates to NAVAIR's new central TPS source code repository initiative