



NDIA Automatic Testing Committee

DoD ATS Liaison

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DoD Automatic Test Systems Executive Directorate (ATS ED)

- DoD ATS Management Board (AMB) will meet on Wednesday
 - LtCol Pete McDaniel replaced LtCol Chuck Parton
- Tuesday's Plenary Session which is led by the DoD ATS ED will feature each Service's ATS Roadmaps

DoD ATS ED – Focus Areas

- NxTest IPT/Framework Working Group
 - Continue to mature the ATML and other DoD ATS Framework standards
 - Leverage the Framework standards to create a “common DoD ATS Architecture” of the future
 - UUT definition → Define ATE → TPS Development
- TPS IPT
 - Finalizing MIL-PRF-32070 update
 - Defining a DoD Acquisition and Sustainment of TPS document/handbook

DoD Future Budget Realities

- In FY13, The DoD Budget:
 - Back to an annual POM process
 - Objective: “Do more without more”
 - 2 – 3% annual growth in warfighting capabilities without commensurate budget increase
 - Eliminate unproductive or low value-added overhead
 - Provide incentives for greater efficiency in industry
 - Encourage efficiency in government practices
- Navy POM13
 - Prioritizing “Future Readiness” and “Common Capabilities”
 - Expect 5% to 10% reduction across the FYDP (FY13 – FY17)
 - Programs must self-fund their issues

Demonstrations of ATML Maturity

- Standards near completion (AUTOTESTCON 2008)
 - Phase I showed how standards work together in supporting system-level use cases
 - utilized Marines RTCASS
- Standards complete (AUTOTESTCON 2009)
 - Phase II showed how the use of ATML can provide benefits to the test and ATE community by reducing life cycle costs and improving test information exchanges
 - utilized DoD ARGCS
- Standards being used in Industry and Government (AUTOTESTCON 2010)
 - Phase III shows the expanding use of ATML across various test systems

ATML Framework Demonstration

- Phase III demonstration shows the expanding use of ATML across various test systems
 - real user experiences on fielding ATML solutions
 - new technology insertion
 - status and maturity of ATML Tools
- Demonstration is a combination of systems using ATML
 - Army's NGATS
 - Army's in-circuit tester
 - Navy/Boeing's RT-CASS
 - Navy/Boeing's NxOMS
 - Reuse of our existing ATML software/hardware

ATML Framework Demonstration (cont.)

- Industry and Service Involvement
 - Air Force
 - Army
 - Boeing
 - Diagnosys
 - EADS
 - Geotest
 - Lockheed Martin
 - MAC Panel
 - National Instruments
 - Navy
 - Northrop Grumman
 - PIDESO
 - Summit Test Solutions
 - Teradyne
 - TYX
 - Virginia Panel Corporation

ATML Panel

- ATML Panel
 - Session 2D3 Tuesday at 1:30 pm to 3:15 pm
 - Consists of ATML users who have been responsible for specifying and incorporating ATML standards on current and future ATS
 - DoD, MOD, and industry
 - Each presenter will discuss where ATML is being used and any lessons learned during implementation