

Automatic Test Committee – 2017 Status

2017 Tasks Planned	Status	Accomplishments (deliverables, etc.) - Comments
FPGA Test and Support	Complete	<p>Status:</p> <ul style="list-style-type: none"> • Final Report entitled “Incorporating User Programmable Field Programmable Gate Array (FPGA) Designs into Automatic Test Systems (ATS) Applications: Recommendations and Guidelines” was reviewed and approved by the ATC in September, and submitted to SED
Standardized Software Architecture for Synthetic Instrumentation	Tabled	<p>Status:</p> <ul style="list-style-type: none"> • The need for the project is being evaluated by the committee and Government Participating Committee
Cyber Security	Initial Definition	<p>Status:</p> <ul style="list-style-type: none"> • Discussed as part of FPGA effort. Cyber security is a concern when using FPGAs that are programmable. Offers another entry path for malware / security breaches. How do you allow reprogramming without compromising cyber security? • Concern when connecting a UUT to the tester which has an FPGA, can infect the tester and then can propagate to other UUTs

Proposed 2018 Tasks:

- **Government/Industry Liaison Reports**
- **ATC projects:**
 - Standardized Software Architecture for Synthetic Instrumentation, if needed
 - Cyber security (need more definition)

Schedule / Resources

Status/Review/Present at regular ATC meetings:

- March/April at NDIA HQ
- September adjacent AUTOTESTCON

No resource issues or support anticipated

Deliverables / Products:

- **Semi-annual Reports posted on ATC Web-site:**
 - US Army ATS Liaison Report
 - USAF ATS Liaison Report
 - US Navy/USMC-Air ATS Liaison Report
 - USMC-Ground ATS Liaison Report
 - DoD AMB Liaison Report
 - Commercial ATS Liaison Report
- **Define Scope and Develop Detailed Statement of Work and Schedules for proposed projects.**

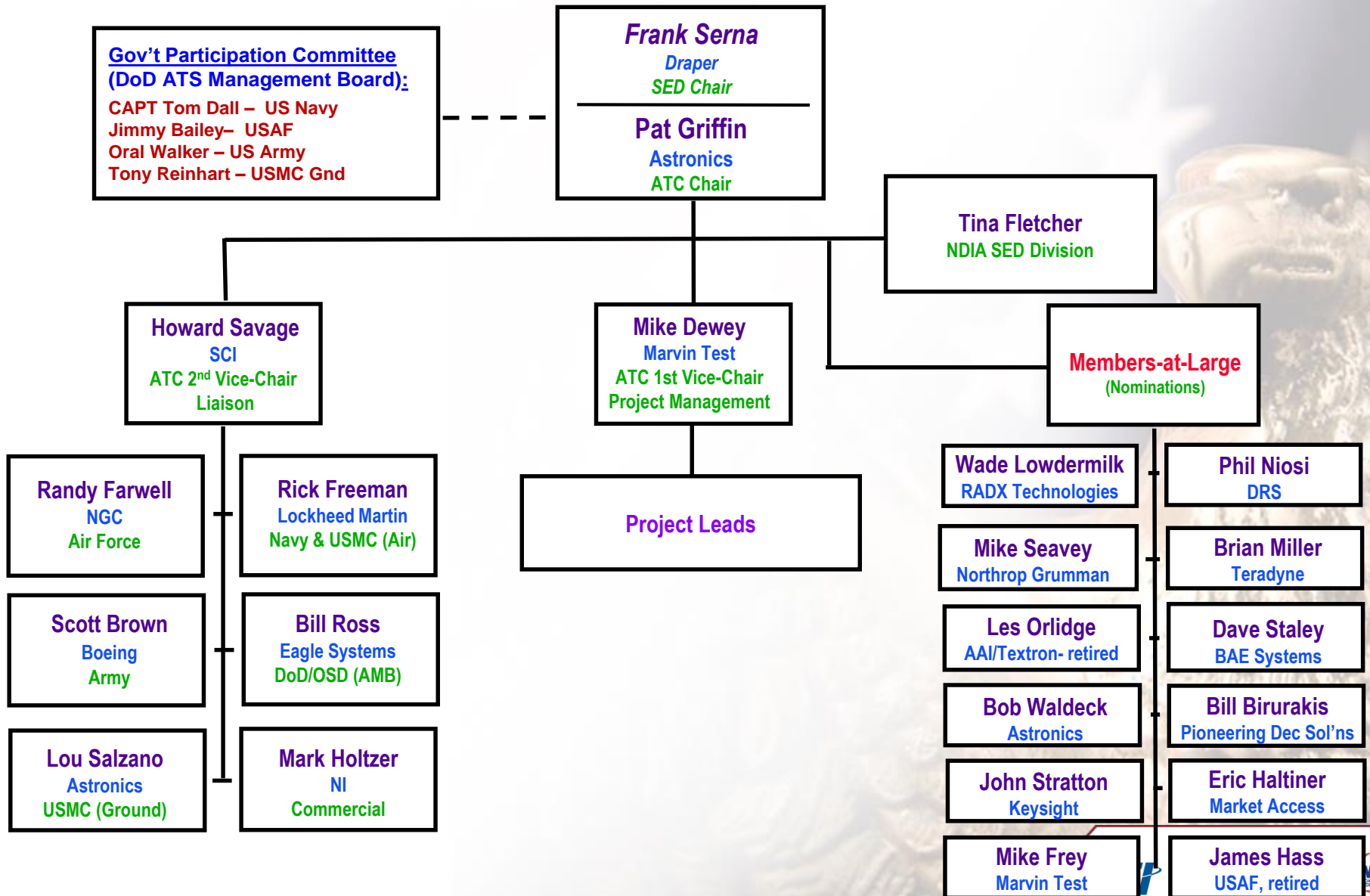
Issues / Concerns:

Limited Budget/resources:

- ATC is focusing on high value projects, deferring lower priority projects.

Systems Engineering Division
AUTOMATIC TEST COMMITTEE

2018 Steering Committee (Jan18)



SE Div. Automatic Test Committee Management Changes for 2018

- Les Orledge leaving position of ATC Chair – new position as Member-at-Large
- Former ATC Vice-Chair (Project Management), Pat Griffin is new ATC Chair
- 2017 John Slattery Professional Achievement Award Winner, Mike Dewey, is new ATC Vice-Chair (Project Management)