

Systems Engineering Division

Bi-Monthly Meeting

1 March 2017

Agenda (1 of 2)

Time	Topic	Presenter(s)
0745	Coffee & Check-in	
0830	1. Opening Remarks, Introductions	Frank Serna, Draper
0840	2. Sponsor Overview The Office of the Deputy Assistant Secretary of Defense for Systems Engineering (ODASD(SE)) will provide an update on DoD Systems Engineering plans/activities	Greg Saunders, Director, Defense Standardization Program Office
0920	3. NDIA Cyber Resilient and Secure Weapon Systems Summit	Holly Dunlap, Raytheon and NDIA SE Div. SSE committee chair
0950	Coffee Break	
1015	4. SERC Task – Mission Engineering Competencies	William D. Miller, Senior Researcher, School of Systems and Enterprises, Stevens Institute of Technology
	5a. Re-establishing the Interoperability Committee	Jack Zavin, ODASD(C3, Cyber, Business)

Agenda (2 of 2)

Time	Topic	Presenter(s)
	5b. Systems Engineering Conference 23-26 October 2017 Waterford, Springfield, VA	Bob Rassa, Raytheon
	2017 Plan and Action Item Review	All
1115	Committee & other Activity Reports: Brief Overview of status & plans for 2017, 5 min each <ul style="list-style-type: none">• 6. Architecture• 7. Automated Test• 8. Development Test and Evaluation• 9. Education & Training• 10. Environment, Safety, & Occupational Health• 11. Enterprise Health Management• 12. Human Systems Integration• 13. Modeling & Simulation• 14. Software Committee• 15. Systems Engineering Effectiveness• 16. System Security Engineering• 17. System of Systems	Committee Chairs
1150	Old Business, New Business, Next Meetings	All
1200	Adjourn main meeting	

SE Division Bi-Monthly Meeting

PRESENTATIONS

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**COMPLETING THE 2017 PLAN
AND ACTION ITEMS**

- **Systems Engineering and emerging trends in Government acquisition**
- **Some topics to consider**
 - Integration with the commercial innovation ecosystem
 - Systems for the Third offset strategy
 - Modular Open Systems Architecture
 - Cybersecurity and all that it implies
- **Actions for 2017**
 - Existing Committees
 - New Working Groups

FY17 NDAA

Systems Engineering Interest Items



Section	Title	Requirement
901	Organization of the Office of the Secretary of Defense	Splits USD(AT&L) into USD(R&E) and USD(A&S) and reshapes existing USD(AT&L) structure and responsibilities

Section	Title	Requirement
231	Strategy For Assured Access To Trusted Microelectronics	Directs the development of a strategy/report to describe how DoD entities may access assured and trusted microelectronics supply chains for DoD systems
805	Modular Open System Approach In Development Of Major Weapon Systems	Acquisition Agility Act
806	Development, Prototyping , and Deployment of Weapon System Components or Technology	
807	Cost, Schedule, & Performance of MDAPs	
808	Transparency in MDAPs	
809	Amendments Relating To Technical Data Rights	
855	Mission Integration Management	Establish the necessary technical infrastructure and expertise to support decision makers and to design, implement, test, field and support mission capabilities
875	Use of Commercial or Non-Government Standards in lieu of Military Specifications and Standards	Directs reforms to encourage contractors to propose commercial/non-Gov't standards and industry-wide practices; form partnerships with industry associations; negotiate licenses for use of standards, etc.

2017 Major Actions

Action	Description	Responsible
2017-1	Plan and conduct a workshop on Designing for Cyber Resilience	SSE Committee
2017-2	How do we deal with the Acquisition Agility Act in the 2017 NDAA?	Team with IPMD
2017-3	Accept IPMD rep on SED Agile Committee.	John Norton, Dale (IPMD)
2017-4	Convene working group to foster ideas for SE as a university field of study and curriculum recommendations.	E&T Committee
2017-5	Convene HLS working group to try to help them with solutions to their SE problems.	J. Elm, B. Rassa
2017-6	Convene gov't/industry working group on SE processes for rapid acquisition. Urgent Acq.	B. Rassa, J. Dahmann
2017-7	Prepare a brief for new gov't officials on SE Division activities.	SE Div. Leadership

2017 Major Actions

Action	Description	Responsible
2017-8	Prepare a brief for new gov't officials on top SE issues.	DASD/SE, B. Rassa
2017-9	Convene gov't/industry working group on creating RFP language (L & M) for Cyber Security.	SSE Committee, D. Holtzman
2017-10	Convene gov't/industry working group on ERS.	B. Rassa, Lois Hollan, F. Serna
2017-11	Common standards for model data exchanges.	S. Dam, M&S Committee
2017-12	Issues related to development of modern software intensive systems.	SW Committee
2017-13	Workshop to explore interoperability and integration for future and existing systems	Architecture Committee
2017-14	Plan an Autonomous Systems and SE challenges workshop	Serna & ...

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COMMITTEE & OTHER ACTIVITY REPORTS

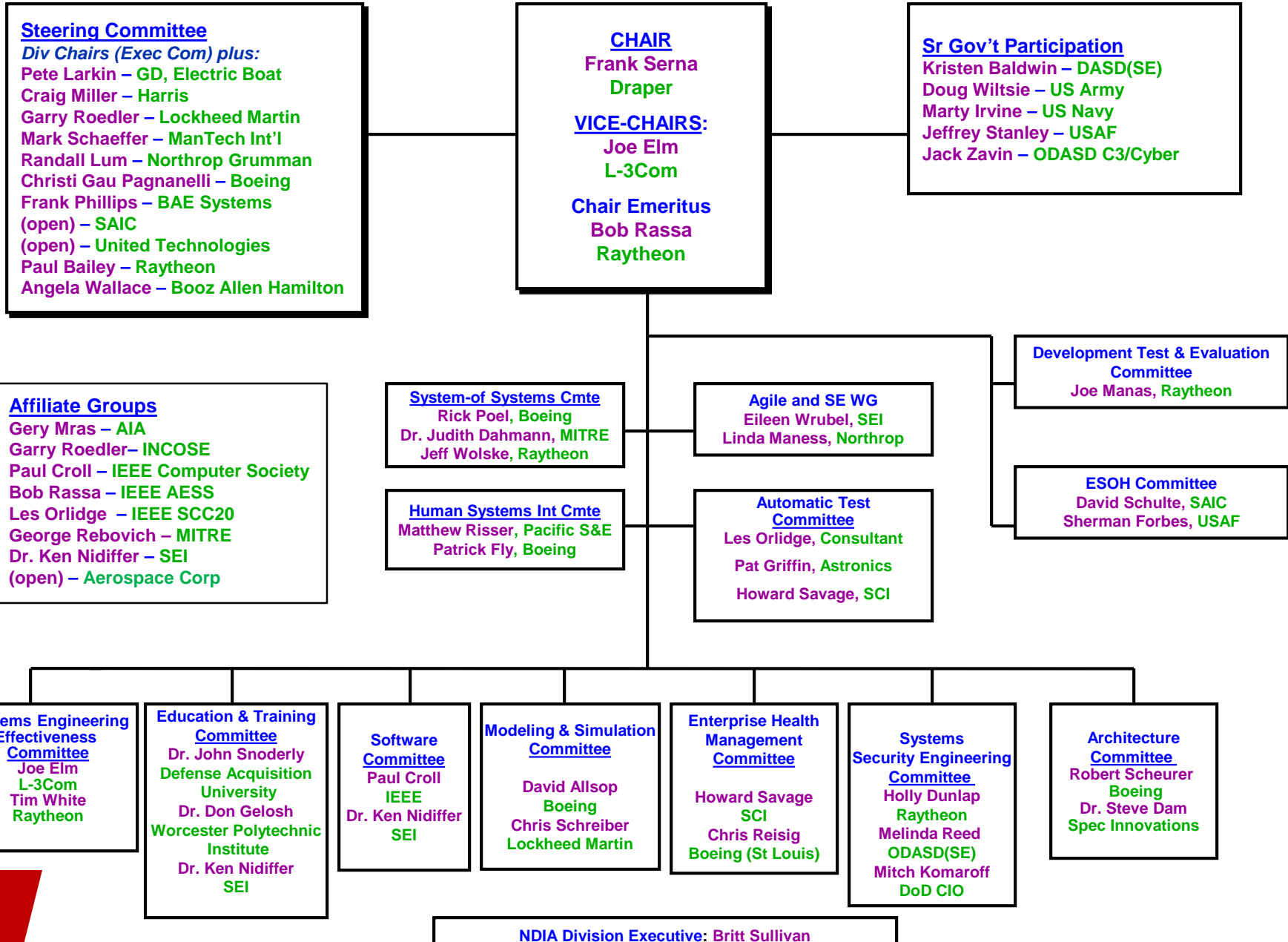
SE Division Bi-monthly Meeting

OLD AND NEW BUSINESS

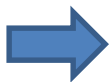
- **NDIA Focus - FY17**
 - Acquisition Improvement
 - Technological Superiority
 - Defense Resourcing
 - Cyber Security
 - Innovation
 - International Engagements
 - Workforce Development
- **New website – Need volunteers**
 - Maintain SE Division page
 - Arrangements for a site to hold the SE Division archives -- recommend Drop Box or Google Drive

National Defense Industrial Association SYSTEMS ENGINEERING DIVISION

24 February 2017 R1



2017 Meeting Dates



SE Forum Dates	SE Division Meeting Dates
Tuesday, February 28, 2017	Wednesday, March 1, 2017
Tuesday, April 18, 2017 (may be rescheduled)	TBD, new date because of SE Forum and Summit
Tuesday, June 20, 2017	Wednesday, June 21, 2017
Tuesday, August 15, 2017	Wednesday, August 16, 2017
Tuesday, November 14, 2017	NO SE Division Meeting

20th Annual Systems Engineering Conference
October 23-26, 2017, Waterford, Springfield VA

SE Division Annual Planning meeting
6 December 2017, D.C., specific location tbd

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ADJOURN