



NDIA Systems Engineering M&S Committee Meeting Agenda, 21 June 2011

8:15	Continental breakfast available (courtesy of Boeing)	
8:40	Welcome, agenda review, self-introductions	
8:55	Committee overview, meeting schedule	Jim Coolahan (JHU/APL)
9:00	The Army's Career Program for Analysis, Modeling & Simulation	Mike Truelove (HQDA DCS G-8)
9:30	Driving a Culture of Integrated Modeling and Simulation	Shannon Parker (Boeing)
10:00	Call for Papers, NDIA Physics-Based Modeling Conference	Jim Coolahan
10:15	Break	
10:30	Open Streaming Terrain For Modeling & Simulation	Brett Wiesner (VT MAK)
11:00	CREATE-RF Status	Ryan Chilton (AFRL), by phone
12:00	Working lunch (courtesy of Boeing)	
12:30	Upcoming Systems Engineering and M&S Conferences	Jim Coolahan
12:35	Discussion of Potential Topics for September AMSWG Meeting	Jeff Bergenthal (Lockheed Martin)
13:00	The Consequences of Arrow's Theorem for Systems Engineering	George Hazelrigg (NSF)
14:00	Adjourn full committee meeting; short break	
14:15	Kickoff Meeting, Physics-Based Modeling Conference Subcommittee	Jim Coolahan
14:45	Adjourn subcommittee meeting	

National Defense Industrial Association Systems Engineering Division Modeling and Simulation Committee

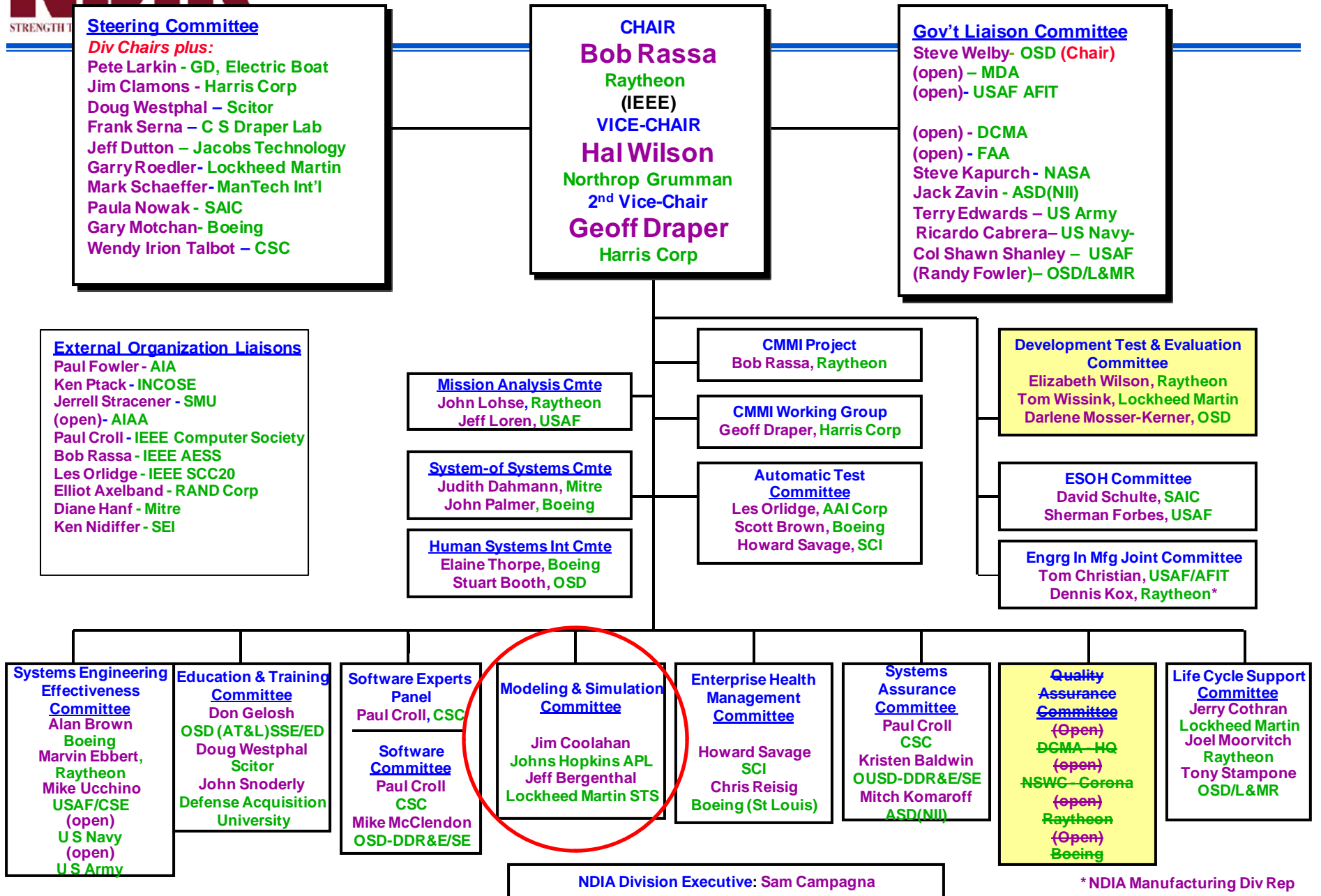
**Committee Overview and Meeting Schedule
21 June 2011**

**Dr. James E. Coolahan
Chair, NDIA Systems Engineering M&S Committee**

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National Defense Industrial Association SYSTEMS ENGINEERING DIVISION



- **The mission of the NDIA SE M&S Committee is to advance the understanding and use of modeling and simulation in the practice of systems engineering**
- **2011 meetings (all at Boeing in Rosslyn)**
 - **15 February (presentations posted on NDIA web site)**
 - **20 April (presentations posted on NDIA web site)**
 - **21 June**
 - **16 August (move to 10 August likely) – with DT&E Committee**

2011 Tasks

- Complete MBE and LCC modeling reports from 2010
- Assist in enabling transition of products of DoD CREATE program to Industry
- Provide continuing situational awareness for M&S Committee members
- Orchestrate presentations on lessons learned from M&S use on major DoD acquisition programs

Deliverables/Products

- “Final Report, Model Based Engineering (MBE) Subcommittee” (April 2011)
- Modeling of Life Cycle / Operations & Support Costs: To what degree is commonality achievable?” (April 2011)
- Wealth of presentations from M&S committee meetings archived on web site (average of 50 participants in each meeting)

Schedule

- Full-day committee meetings in Feb, Apr, Jun, Aug 2011 in DC area, aligned with SE Division meetings
- M&S track at NDIA SE Conference (goal is 15-18 presentations and one panel session)
- Physics-Based Modeling Conference (mid-November in Denver, CO)

Stakeholders/Alignment

- Aligned with ASD(R&E)/SE/SA
- Tasks are focused on M&S issues for engineering, of interest to ASD(R&E)/SE/SA
- Ongoing relationships/interactions with
 - Acquisition M&S Working Group
 - NCOIC M&S activities
 - Simulation Interoperability Standards Organization (SISO) standards and System Life Cycle forum
- NDIA SoS SE Committee

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**Upcoming Systems Engineering and M&S Conferences
21 June 2011**

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Upcoming Systems Engineering and M&S Conferences (Inside the U.S. Only)

- **2011 Fall Simulation Interoperability Workshop (SIW)**, sponsored by the Simulation Interoperability Standards Organization (SISO), The Florida Hotel, Orlando, FL, 19-23 September 2011. For details, see the SISO web site, <http://www.sisostds.org>.
- **NDIA 14th Annual Systems Engineering Conference**, Hyatt Regency Mission Bay, San Diego, CA, 24-27 October 2011. See the NDIA web site.
- **NDIA Physics-based Modeling in Design & Development for U.S. Defense**, Hyatt Regency Denver Tech Center, Denver, CO, 14-17 November 2011. Abstracts due 30 June 2011. See <http://application.ndia.org/abstracts/2170> to submit an abstract.
- **Interservice/Industry Training, Simulation & Education Conference (I/ITSEC)**, 28 November - 1 December 2011, Orange County Convention Center, Orlando, FL. For details, see <http://www.iitsec.org>.