

**National Defense Industrial Association
Systems Engineering Division
Modeling and Simulation Committee**

**Prepared for the
NDIA Systems Engineering Division Meeting
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- **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**
- **Presentations from the past five years of committee meetings are posted on the committee's web site**
- **2015 meetings (scheduled for the day before the NDIA SE Division meeting)**
 - **17 February (online, due to weather)**
 - **21 April (Engility – Washington Navy Yard)**
 - **16 June (location TBD)**
 - **18 August (location TBD – potential System Model workshop)**

<u>Agenda</u>		
8:40	Welcome, agenda review, self-introductions	
8:55	Committee overview, meeting schedule	Jim Coolahan (Coolahan Assoc.)
9:00	Migration of the Maritime Simulation Model 2.0 into a Force-on-Forced Federated Simulation Architecture	Mike Schneider (Engility/TASC)
9:45	Web-Based 3D Product Model - Shore Interface Design Visualization in Support of Systems Engineering and Navy Acquisition	Alex Viana (NAVFAC HQ)
10:30	Break	
10:45	The Defense M&S Marketplace (Concept for a Non-CAC M&S Catalog) - Seeking Feedback from Industry	Frank Mullen (SimVentions)
11:15	Submission Schedule for NDIA Systems Engineering Conference	Jeff Bergenthal (JHU/APL)
11:30	Full committee meeting adjourns; lunch (on your own)	
12:30	Subcommittee Meeting, Essential Elements of a System Model	Jeff Bergenthal
15:00	Adjourn subcommittee meeting	

2015 Tasks

- Complete study to determine essential elements of a “System Model” that evolves over the life cycle
- Lead System Model workshop
- Provide continuing situational awareness for M&S Committee members (ongoing)
- Motivate submittal of abstracts to populate full-length M&S track at 2015 SE Conference

Deliverables/Products

- Final report on Essential Elements of a System Model
- Report on System Model workshop
- Committee meeting presentations posted on committee web site

Schedule

- Final report on Essential Elements of a System Model – June 2015
- Committee meetings in February, April, June, and August 2015
- M&S track in NDIA SE Conference – October 2015

Stakeholders/Alignment

- Task Liaison: Ms. Philomena Zimmerman, ODASD(SE)/EE
- Key Interfaces:
 - Acquisition M&S Working Group
 - Simulation Interoperability Standards Organization (SISO) standards and Acquisition track
- Task Objective: Focused on M&S issues for engineering, of interest to ODASD(SE)/EE