

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

**Prepared for the NDIA Systems
Engineering Division Meeting
16 August 2017**

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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**
- **2017 meetings (continue to be scheduled for the day before the NDIA SE Division meeting)**
 - 28 February (LM GVC – Crystal City) - Complete
 - 18 April (Boeing - Arlington) - Complete
 - 27 June (NG – Navy Yard) - Complete
 - 14-15 August workshop (NG – Navy Yard) – Complete



NDIA Systems Engineering M&S Comm. Workshop Agenda, 14-15 Aug 2017



Monday

TIME	PRESENTATION	PRESENTER
12:00	Workshop Kickoff	Allsop & Schreiber
12:15	Keynote #1 – Importance of Portable Models	P. Zimmerman – OSDASD-SE
13:15	Keynote #2 – Current Requirements for Portable Models	A. Hoheb – Aerospace Corp.
14:15	Break	
14:30	Workshop Organization and Breakout Team Overview	C. Schreiber
15:30	Day 1 Wrap-up	Allsop & Schreiber

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Tuesday

Time	PRESENTATION	PRESENTER
07:30	Arrive, Coffee	
08:00	Re-assemble	Allsop & Schreiber
08:15	Panel Discussion – Tool Vendor Perspective on Challenges to Portable Models	David Long – Vitech Manas Bajaj – InterCAX J. Simmons – Phoenix Integration Bill Bouda – AGI Sanjay Khurana – Dassault Systems Pawel Chadzinski - Aras
10:00	Team Breakout - Team #1 – System Model External I/F Team #2 – System Model Internal I/F Team #3 – Standards for Systems Models	All
12:00	Lunch	
12:30	Team Breakout – cont.	All
14:30	Reconvene and Outbrief	All
16:30	Wrap-up	Allsop & Schreiber

- **Team #1 – External Interfaces**
 - Model is an overloaded term
 - Portability of data from a model is as important as being able to port a model
- **Team #2 – Internal Interfaces**
 - Need alignment with OSD, INCOSE, OMG and others
 - Need a reference architecture
- **Team #3 – Standards**
 - Many standards; not many have been adopted for a variety of reasons – need to work on a good mapping of SE activities to outputs (using DIDs) and data elements that form the basis of what to standardize