<table>
<thead>
<tr>
<th>Time</th>
<th>Agenda Item</th>
<th>Presenter/s</th>
</tr>
</thead>
<tbody>
<tr>
<td>8:15</td>
<td>Meeting room open; coffee available</td>
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<tr>
<td>8:40</td>
<td>Welcome, agenda review, self-introductions</td>
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<tr>
<td>8:55</td>
<td>Committee overview, meeting schedule</td>
<td>Jim Coolahan</td>
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<tr>
<td>9:00</td>
<td><strong>System Model Concept</strong></td>
<td>Phil Zimmerman (ODASD/SE)</td>
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<td>9:30</td>
<td><strong>Modeling and Simulation Acquisition Standards Profile</strong></td>
<td>Tim Tritsch (DRC)</td>
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<tr>
<td>10:00</td>
<td><strong>Computational Research for Engineering and Science – Ground Vehicles (CRES-GV)</strong></td>
<td>Randy Jones (US Army)</td>
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<td><strong>CRES-GV Industry Collaboration</strong></td>
<td>Charlie Nietubicz (Battelle)</td>
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<tr>
<td>11:00</td>
<td>Upcoming Systems Engineering and M&amp;S Conferences</td>
<td>Jim Coolahan</td>
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<tr>
<td>11:05</td>
<td>Break</td>
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<tr>
<td>11:20</td>
<td><strong>Working Meeting, Subcommittee on Identification of M&amp;S Capabilities by Acquisition Life Cycle Phase</strong></td>
<td>Jim Coolahan</td>
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<tr>
<td>12:20</td>
<td>Adjourn</td>
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</table>
National Defense Industrial Association
Systems Engineering Division
Modeling and Simulation Committee

Committee Overview and Meeting Schedule
11 June 2013

Dr. James E. Coolahan
Chair, NDIA Systems Engineering M&S Committee
jim.coolahan@comcast.net
410-440-2425
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 three years of committee meetings are posted on the committee’s web site.

2013 meetings (usually, but not always, the day before the NDIA SE Division meeting):
- 21 February (Boeing, Crystal City)
- 16 April (Lockheed Martin, Crystal City)
- 11 June (TASC, Washington Navy Yard)
- 20 August (Booz Allen Hamilton, Crystal City)
### 2013 Tasks
- Complete assessment of M&S capabilities by Acquisition Life Cycle phase (started in 2012)
- Perform study to determine essential elements of a “System Model” that evolves over the life cycle (new for 2013)
- Provide technical program leadership for third Physics-Based Modeling conference (recurring)
- Provide continuing situational awareness for M&S Committee members (ongoing)

### Deliverables/Products
- Final report on assessment of M&S capabilities used in each phase of Systems Acquisition process
- Report on essential elements of a System Model
- Technical program for third Physics-Based Modeling conference
- Committee meeting presentations posted on committee web site

### Schedule
- Final report on M&S use assessment – June 2013
- Report on essential elements of a System Model – December 2013
  - Need to identify volunteers
- Physics-Based Modeling conference – November 2013
- Committee meetings in February, April, June, and August 2013

### Stakeholders/Alignment
- Task Liaison: Ms. Philomena Zimmerman, DASD(SE)/SA
- Key Interfaces:
  - Acquisition M&S Working Group
  - NCOIC M&S activities
  - Simulation Interoperability Standards Organization (SISO) standards and System Life Cycle forum
- Task Objective: Focused on M&S issues for engineering, of interest to DASD(SE)/SA
Subcommittee on Identification of M&S Capabilities by Acquisition Life Cycle Phase

• Charter
  - Consider the state of the art and practice of modeling and simulation (M&S) across the Defense Systems Acquisition Life Cycle
  - For each phase of the life cycle, identify systems engineering and acquisition functions that need to be performed that can be enabled by the use of M&S
  - For each engineering/acquisition function, identify specific existing M&S capabilities that can contribute to the performance of that function
  - For each M&S capability, identify government and industry M&S tools that are prevalent in helping to provide that capability
  - In performing the above activities, keep in mind such things as reusable architectures, support of architectures using M&S, physics-based modeling, and similar activities that are enabled by the use of M&S

• Participation of ~25 M&S Committee members to date (more welcome)

• Bi-weekly telcons on Thursdays at 3:00 pm
National Defense Industrial Association
Systems Engineering Division
Modeling and Simulation Committee

Upcoming Systems Engineering and M&S Conferences
11 June 2013

Dr. James E. Coolahan
Chair, NDIA Systems Engineering M&S Committee
jim.coolahan@comcast.net
410-440-2425
Upcoming Systems Engineering and M&S Conferences (Inside the U.S. Only)

• 23rd Annual INCOSE International Symposium, Philadelphia, PA, Philadelphia Marriott Downtown, 24-27 June 2013. For details, see http://www.incose.org/symp2013/

• 2013 Fall Simulation Interoperability Workshop, The Florida Hotel, Orlando, FL, 16-20 September 2013. For details, see http://www.sisostds.org/Workshops/UpcomingWorkshops/2013Fall.aspx.

• NDIA 16th Annual Systems Engineering Conference, Hyatt Regency Crystal City, Arlington, VA, 28-31 October 2013. For more information, see http://www.ndia.org/meetings/4870 – abstracts are due 21 June 2013.

• Interservice/Industry Training, Simulation & Education Conference (I/ITSEC), 2-5 December 2013, Orlando, FL. For details, see http://www.iitsec.org.