<table>
<thead>
<tr>
<th>Time</th>
<th>Duration</th>
<th>Topic</th>
<th>Presenter/Institution</th>
</tr>
</thead>
<tbody>
<tr>
<td>8:15</td>
<td>0:25</td>
<td>Meeting room open; coffee available</td>
<td></td>
</tr>
<tr>
<td>8:40</td>
<td>0:15</td>
<td>Welcome, agenda review, self-introductions</td>
<td></td>
</tr>
<tr>
<td>8:55</td>
<td>0:05</td>
<td>Committee overview, meeting schedule</td>
<td>Jeff Bergenthal</td>
</tr>
<tr>
<td>9:00</td>
<td>0:40</td>
<td><strong>Converging Geospatial Data for Models and Simulations with Other Geospatial Information Systems: A Vision for Improvement</strong></td>
<td>Dan Maxwell (KadSci)</td>
</tr>
<tr>
<td>9:40</td>
<td>0:40</td>
<td><strong>VV&amp;A Recommended Practices Guide Use Case Studies</strong></td>
<td>Simone Youngblood (JHU/APL)</td>
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<tr>
<td>10:20</td>
<td>0:10</td>
<td>Break</td>
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<tr>
<td>10:30</td>
<td>0:45</td>
<td><strong>Rapid Data Generation (RDG): Data Discovery, Access, and Enhancement across the M&amp;S Data Enterprise</strong></td>
<td>Roy Scrudder (ARL:UT)</td>
</tr>
<tr>
<td>11:15</td>
<td>0:45</td>
<td><strong>Developing Authoritative Representations of Legacy Systems</strong></td>
<td>Sanjay Parimi (US Army ARDEC)</td>
</tr>
<tr>
<td>12:00</td>
<td>1:00</td>
<td>Lunch (on your own)</td>
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</tr>
<tr>
<td>13:00</td>
<td>0:05</td>
<td>Upcoming Systems Engineering and M&amp;S Conferences</td>
<td>Jeff Bergenthal</td>
</tr>
<tr>
<td>13:05</td>
<td>1:00</td>
<td><strong>So I’ve Modeled ... What’s Next? Extending the Use of Systems Models in an Engineering Enterprise</strong></td>
<td>Chris Oster (Lockheed Martin)</td>
</tr>
<tr>
<td>14:05</td>
<td>1:30</td>
<td><strong>Working Meeting, Subcommittee on Identification of M&amp;S Capabilities by Acquisition Life Cycle Phase</strong></td>
<td>Jeff Bergenthal</td>
</tr>
<tr>
<td>15:35</td>
<td></td>
<td>Adjourn</td>
<td></td>
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</tbody>
</table>
Committee Overview and Meeting Schedule
16 April 2013

Jeff Bergenthal
Vice-Chair, NDIA Systems Engineering M&S Committee
jeffery.bergenthal@jhuapl.edu
240-228-9593
• 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 [tentative; conflicts with MORS]
  - 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 – March 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
16 April 2013

Jeff Bergenthal
Vice Chair, NDIA Systems Engineering M&S Committee
jeffery.bergenthal@jhuapl.edu
240-228-9593
Upcoming Systems Engineering and M&S Conferences (Inside the U.S. Only)

• 2013 IEEE International Systems Conference (SysCon), sponsored by the Institute of Electrical and Electronics Engineers (IEEE), Hyatt Regency Grand Cypress Hotel, Orlando, FL, 15-18 April 2013. For details, see http://ieeeyescon.org/.

• 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 31 May 2013.

• 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 (SIW), sponsored by the Simulation Interoperability Standards Organization (SISO), Florida Mall Conference Center, Orlando, FL, 16-20 September 2013. For details, see the SISO web site, http://www.sisostds.org.

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