<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
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<tbody>
<tr>
<td>0830</td>
<td>Meeting room open; coffee available</td>
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<tr>
<td>0900</td>
<td>Committee breakout working sessions</td>
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<tr>
<td></td>
<td>DTE Committee</td>
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<tr>
<td></td>
<td>M&amp;S Committee - Subcommittee on Identification of M&amp;S Capabilities by</td>
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<tr>
<td></td>
<td>Acquisition Life Cycle Phase</td>
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<tr>
<td>1100</td>
<td>Industry panel on model-based testing (DTE lead)</td>
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<tr>
<td>1200</td>
<td>Lunch (on your own)</td>
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<tr>
<td>1300</td>
<td>Joint M&amp;S-DTE Committee Meeting – Welcome, agenda review, self-introductions</td>
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<tr>
<td>1315</td>
<td>MDA Single Stimulation Framework (SSF) Overview (US ONLY) – Bernie Vatz</td>
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<td>(AMRDEC) &amp; Terry Click (MDA/DES)</td>
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<tr>
<td>1400</td>
<td>Test and Training Enabling Architecture (TENA) Update – Dr. Ed Powell</td>
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<td>(SAIC)</td>
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<td>1500</td>
<td>Wrap-up discussion / Way Ahead for Future M&amp;S/DTE Joint Committee Meetings</td>
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<tr>
<td>1530</td>
<td>Adjourn</td>
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National Defense Industrial Association
Systems Engineering Division
Modeling and Simulation Committee

Committee Overview and Meeting Schedule
21 August 2012

Dr. James E. Coolahan
Chair, NDIA Systems Engineering M&S Committee
James.Coolahan@jhuapl.edu
240-228-5155
• 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

• 2012 meetings (all Tuesdays, the day before the NDIA SE Division meeting)
  - 21 February (presentations posted)
  - 17 April (presentations posted)
  - 19 June (presentations posted)
  - 21 August (Boeing, Crystal City)
NDIA Systems Engineering
2012 Modeling and Simulation Committee

2012 Tasks
• Provide technical program leadership / assistance for second Physics-Based Modeling conference
• Perform assessment of M&S capabilities, and prevalence of specific M&S tools, used in each phase of the Systems Acquisition process
• Provide continuing situational awareness for M&S Committee members

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, and Aug (Joint w/DT&E) 2012 in DC area, aligned with SE Division meetings
• M&S track at NDIA SE Conference (goal is 15-18 presentations and perhaps one panel session)
• Physics-Based Modeling Conference (November, Denver, CO)
• Final report on M&S use assessment – December 2012

Stakeholders/Alignment
• Task Liaison: Ms. Philomena Zimmerman, ODASD(SE)
• 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 ODASD(SE)
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 12 M&S Committee members to date (more welcome)**

- **Bi-weekly telcons on Thursdays at 3:00 pm**