



OFFICE OF THE ASSISTANT SECRETARY OF DEFENSE

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RESEARCH
AND ENGINEERING

Acquisition Modeling and Simulation Working Group Charter – 2011

Authority: The Acquisition Modeling and Simulation Working Group (AMSWG) supports the Assistant Secretary of Defense for Research and Engineering (ASD/R&E) and reports through the DoD Systems Engineering (SE) Forum.

Purpose: The purpose of the AMSWG is to improve the application of modeling, and simulation in the acquisition of defense capabilities, by engaging with acquisition professionals, especially program managers and their representatives; and to participate in, and implement DoD modeling, and simulation enterprise activities. The AMSWG will represent and support the interests of the acquisition community (i.e., PEO, PM, engineering, S&T proponents) in DoD modeling, and simulation deliberations.

Scope: The scope of the AMSWG spans the DoD acquisition modeling and simulation community. The AMSWG shall address aspects of modeling (e.g., cost modeling, conceptual modeling, descriptive modeling, prescriptive modeling, etc.), and simulation (e.g. live, virtual, and constructive) across the defense system's acquisition life cycle, to include acquisition community engagement in the Joint Capabilities Integration and Development (JCIDS) and Planning, Programming, Budgeting, and Execution (PPB&E) processes, in order to assess capabilities, reduce acquisition time, reduce risk, and decrease overall costs to DoD.

Leadership: The AMSWG Chair shall be designated by the DoD M&S Acquisition Community Lead.

Membership: There are two membership levels defined for the AMSWG.

1. **Core Membership.** Core members include one representative from each of the DoD Services, representing the acquisition modeling, and simulation community within that Service. Additional Core membership may be added at the approval of the Core membership and the M&S Acquisition Community lead. The Core members are government personnel. Core members shall designate an alternate who may or may not be a government employee. AMSWG Core members should be empowered to represent their component's or organization's perspective on acquisition modeling, and simulation matters.
2. **Invited Membership.** Invited members include representatives from the DoD acquisition community that can make program decisions related to the use and application of modeling, and simulation (e.g., PEOs, PMs, chief engineers, modelers, and analysts, etc.). Invited members also include representatives from industry, laboratories and academia. Invited membership may vary as the AMSWG chair invites representatives based on selected focus areas (e.g., cost, readiness, sustainment, etc.), and/or other areas relevant to acquisition modeling, and simulation.

Meetings: AMSWG meetings are normally open. It is expected that the AMSWG meetings will be attended by individuals beyond the Core and invited membership. All attendees are welcome to

express views on AMSWG agenda related topics, enabling the Core members to assess the sense of the community. When consensus cannot be reached during the AMSWG, or there is an objection from two or more Core members, topics will be tabled for further deliberation by the Core members. The AMSWG chair reserves the right to call closed meetings that are restricted to Core members.

Internal Decision-Making Process: AMSWG decision making shall be based on consensus (general agreement) at meetings. When consensus is not clear, polling of AMSWG Core members shall be used to determine a majority, or an inability to reach consensus. Electronic means may be used to poll the Core members.

Functions: The AMSWG will address common concerns, facilitate information exchange, align technical initiatives, propose modifications to acquisition policy and supporting guidance, influence DoD policy in areas closely related to acquisition policy, and pursue cross-cutting issue resolution across the acquisition community and within the modeling, and simulation enterprise.

1. Advocate for acquisition modeling, and simulation needs and recommendations at the DoD corporate level.
 - Provide persistent representation for the acquisition modeling, and simulation community interests in cross-community and DoD corporate-level M&S forums.
 - Assess the state of acquisition modeling, and simulation, relevant new technologies, and new modeling related initiatives.
 - Define and implement a process to identify and prioritize modeling, and simulation needs / projects that serve the acquisition community; collect feedback and provide assist as applicable.
 - Further the reuse, by acquisition programs, of models, simulations and related products from other DoD Enterprise activities such as standards, tools, data, etc.
 - Foster the development and use of new state-of-the-art modeling, and simulation environments to aid in the acquisition of the world's best warfighting capabilities.
 - Promote and facilitate improvements in the expertise of the acquisition workforce in the areas of modeling, and simulation concepts, as well as enhance the expertise of the acquisition modeling, and simulation workforce.
2. Monitor and assist in the evolution and execution of the Acquisition Modeling and Simulation Action Plan (AMSAP)
3. Work with industry to achieve common modeling, and simulation approaches across industry and DoD applications.
4. Serve as the DoD M&S outreach to academia for the research and exchange of information related to modeling and simulation technology and usage.
5. Serve as the DoD Modeling & Simulation Acquisition Community's coordinating body for questions, recommendations, and requests from acquisition-related activities (e.g., SE Forum, M&S Steering Committee, etc.).

Meetings: The AMSWG will meet bi-monthly, alternating with the NDIA M&S committee meetings. Core members will also meet at the call of the AMSWG Chair.

Reporting: The AMSWG will report activities, status and issues through the AMSWG chair or their designee as appropriate. The AMSWG chair will provide updates to the SE Forum as required.

Charter Review: This charter is valid until cancelled or revised.



Kristen Baldwin
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M&S Steering Committee, Acquisition Community Lead

Date 3/21/11