

National Defense Industrial Association Systems Engineering Division Modeling and Simulation Committee

Discussion of Potential Topics for September
AMSWG Meeting

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Agenda

- AMSWG Battle Rhythm
- Items of Interest for September Meeting
- Collect Industry Input and Potential Presentations

Thematic Agendas: AMSWG Schedule/Battle Rhythm

AMSWG Meeting	Acquisition Phases	Milestones	Potential Discussion Areas
March 2011	New AMSWG Roll-out		<ul style="list-style-type: none"> • Charter • Meeting Themes • Membership
May 2011	Development Planning	MDD	<ul style="list-style-type: none"> • Capability Based Assessment • Prototyping • Domain Modeling • JCIDS • ICD, CDD, CPD • AoA • Model Management
July 2011	Material Solution Analysis / Concept Refinement	MS A	<ul style="list-style-type: none"> • Material Solution Analysis • Oversight and Review / Contracting • Concept of Operations Modeling • SEP, TES, TDS, PPP • Design • Specifications
September 2011	Technology Development	MS B	<ul style="list-style-type: none"> • Systems Modeling • Economic Analysis Affordability Assessment • Interfaces • SEP, TEMP, PPP, TRA • Development
November 2011	Engineering, Manufacturing & Development	MS C	<ul style="list-style-type: none"> • System Threat Assessment • Verification • Systems Engineering • SEP, TEMP, PPP • T&E
January 2012	Production & Deployment	FRP	<ul style="list-style-type: none"> • Supportability Assessment • Validation • Manufacturing and Logistics Modeling • Plans
March 2012	Operations & Support	LCS	<ul style="list-style-type: none"> • Supportability Assessment • Transition • Sustainment and Cost Modeling • Logistics, Sustainment & Supportability • PPBE

Collect Industry Input and Potential Presentations

- Examples of successful use of M&S by Industry during the Technology Development Phase
 - Especially those that include collaboration with the Government
- New Industry M&S developments that impact the Technology Development Phase
- How can Industry-Government collaboration could be improved?
- How can M&S support the new capability-cost trade analysis required for MS B?



ACQUISITION,
TECHNOLOGY
AND LOGISTICS

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MEMORANDUM FOR ACQUISITION PROFESSIONALS

SUBJECT: Better Buying Power: Guidance for Obtaining Greater Efficiency and Productivity in Defense Spending

sacrificed or compromised without my specific authority. At Milestone B, when a system's detailed design is begun, I will require presentation of a systems engineering tradeoff analysis showing how cost varies as the major design parameters and time to complete are varied. This analysis would allow decisions to be made about how the system could be made less expensive without loss of important capability. This analysis would then form the basis of the 'Affordability Requirement' that would be part of the ADM decision. I will be issuing a directive in the near future to implement this guidance that will apply to both elements of a program's life cycle cost – the acquisition cost (typically 30 percent) and the operating and support cost (typically 70 percent). For smaller programs, the CAEs will be directed to do the same at their level of approval. I recognize that we need to improve the Department's capability