



OFFICE OF THE DIRECTOR OF
 DEFENSE RESEARCH AND ENGINEERING
 3040 DEFENSE PENTAGON
 WASHINGTON, D.C. 20301-3040



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SUBJECT: Strategic Vision for DoD Modeling and Simulation

The undersigned members of the DoD Modeling and Simulation Steering Committee endorse the attached Strategic Vision and Goals.

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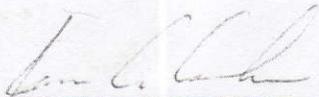
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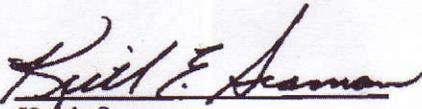
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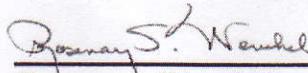
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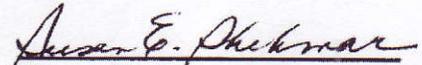
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Attachment:

As stated

Strategic Vision for DoD Modeling and Simulation

Empower DoD with modeling and simulation capabilities that effectively and efficiently support the full spectrum of the Department's activities and operations.

End State: A robust modeling and simulation (M&S) capability enables the Department to more effectively meet its operational and support objectives across the diverse activities of the services, combatant commands, and agencies. A defense-wide M&S management process encourages collaboration and facilitates the sharing of data across DoD components, while promoting interactions between DoD and other government agencies, international partners, industry, and academia.

The goals of DoD's M&S efforts are to provide:

1. Standards, architectures, networks and environments that:

- Promote the sharing of tools, data, and information across the Enterprise
- Foster common formats
- Are readily accessible and can be reliably applied by users

2. Policies at the enterprise level that:

- Promote interoperability and the use of common M&S capabilities
- Minimize duplication and encourage reuse of M&S capabilities
- Encourage research and development to respond to emerging challenges
- Limit the use of models and data encumbered by proprietary restrictions
- Leverage M&S capabilities across DoD, other government agencies, international partners, industry, and academia

3. Management processes for models, simulations, and data that:

- Enable M&S users and developers to easily discover and share M&S capabilities and provide incentives for their use
- Facilitate the cost-effective and efficient development and use of M&S systems and capabilities
- Include practical validation, verification, and accreditation guidelines that vary by application area

4. Tools in the form of models, simulations, and authoritative data that:

- Support the full range of DoD interests
- Provide timely and credible results
- Make capabilities, limitations, and assumptions easily visible
- Are useable across communities

5. People that:

- Are well-trained
- Employ existing models, simulation, and data to support departmental objectives
- Advance M&S to support emerging departmental challenges