

“12th Annual Systems Engineering Conference

T&E Executives’ Panel on Developmental Test and Evaluation



12TH ANNUAL SYSTEMS ENGINEERING CONFERENCE

"ACHIEVING ACQUISITION EXCELLENCE VIA EFFECTIVE SYSTEMS ENGINEERING"
CO-SPONSORED BY NDIA TEST & EVALUATION DIVISION



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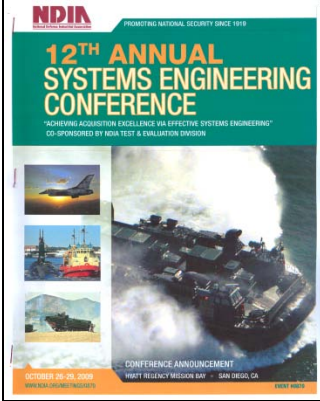


Achieving Acquisition Excellence via Effective Systems Engineering Building October 27, 2009

“One of the primary and critically important areas of program acquisition and execution lies in the **umbrella discipline of Systems Engineering**, which is the overall integrating function in defense programs, from proper requirements definition & flowdown, effective and affordable design that integrates reliability, availability and maintainability considerations into the overall balance of design that emphasizes supportability and usage aspects along with overall performance, cost and schedule.

Systems Engineering principles embody **strong technical and risk management aspects**, for both the acquiring **program office** as well as the executing **defense prime and subcontractors**.

Strong emphasis on systems engineering throughout the life cycle of the program, from concept development through sustainment, is a **key enabler of successful programs.**”

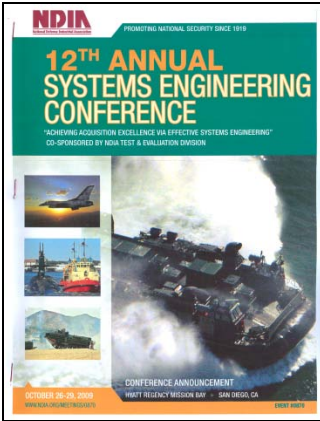


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“A major conference focusing on improving acquisition and performance of Defense programs and systems, including network centric operations and data/information interoperability, systems engineering and all aspects of system sustainment.

The DoD seeks to improve the acquisition process and overall program execution of military systems, to provide greater, more effective and reliable warfighting capability, at affordable cost and within reasonable schedules.

The annual Systems Engineering Conference explores the role of systems engineering in defense programs from all aspects and perspectives, including the pragmatic, practical and academic viewpoints, and brings key practitioners together to work on effective solutions to achieving a successful warfighting force.”



OUR DISTINGUISHED PANELISTS:



**Mr. Christopher DiPetto, Acting Director,
Test and Evaluation, ODDRE, Pentagon**



**Ms. Amy Markowich, Deputy,
Department of Navy T&E Executive,
Pentagon**

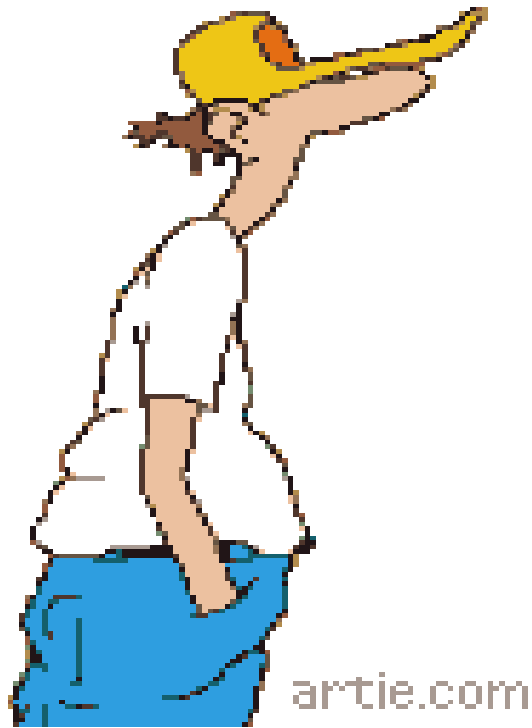


**Col Dexter Sapinoso, Chief Air Force
Test & Evaluation, Policy and Programs,
Pentagon**



**Dr. James Streilein, Technical Director,
Deputy Commander, ATEC**

Awaiting Your Questions



“The DT&E function of OSD is broken and in serious need of strengthening. Current legislative proposals include establishing a Director, Developmental Test & Evaluation to address this shortfall.”

Defense Science Board Task Force on Developmental Test & Evaluation Findings & Recommendations

- **Lack of a disciplined engineering process during systems development.**

- **Numerous attempts at acquisition reform had reduced discipline in program formulation and execution.**

- **Changing the test process will not remedy systemic deficiencies in program formulation and execution.**

- **Inadequate response to shortfalls identified during developmental test and evaluation (DT&E) in areas of reliability, availability and maintainability (RAM).**

- **Program constraints, such as schedule and funding, often preclude incorporating fixes into identified shortfalls.**

- **Defense Science Board Task Force on**

- **Developmental Test & Evaluation**

- **[chartered by the USD(AT&L),**

- **published May 2008**



Department of Defense T&E Community

