THE UNDER SECRETARY OF DEFENSE

3010 DEFENSE PENTAGON
WASHINGTON, DC 20301-3010

ACQUISITION,
TECHNOLOGY
AND LOGISTICS

OCT 22 2004

MEMORANDUM FOR: SEE DISTRIBUTION

SUBJECT: Policy Addendum for Systems Engineering

Per the direction in my systems engineering policy memorandum (February 20, 2004), the Director, Defense Systems established the Systems Engineering Forum. Your feedback via this forum reinforced the importance of having systems engineering expertise readily available to program managers throughout the system life cycle. Consequently, I establish the following additional policy, effective immediately, and to be included in the next revision of DoD Instruction 5000.2:

> Each Program Executive Officer (PEO), or equivalent, shall have a lead or chief systems engineer on his or her staff responsible to the PEO for the application of systems engineering across the PEO's portfolio of programs. The PEO lead or chief systems engineer shall review assigned programs' Systems Engineering Plans (SEPs) and oversee their implementation. The PEO lead or chief systems engineer shall also assess the performance of subordinate lead or chief systems engineers assigned to individual programs in conjunction with the PEO and program manager.
>
> Technical reviews of program progress shall be event driven (vice schedule driven) and conducted when the system under development meets the review entrance criteria as documented in the SEP. They shall include participation by subject matter experts who are independent of the program (i.e., peer review), unless specifically waived by the SEP approval authority as documented in the SEP.

I endorse the systems engineering best practices in the *Defense Acquisition Guidebook*. I will use them as a basis for OSD program support reviews, and I encourage all Milestone Decision Authorities and program managers to adopt and tailor them to the needs of their programs. We are making good progress in improving our systems engineering practices, and I believe this additional policy and guidance will continue this improvement.

Michael W. Wynne
Acting

DISTRIBUTION:
SECRETARIES OF THE MILITARY DEPARTMENTS
CHAIRMAN OF THE JOINT CHIEFS OF STAFF
ASSISTANT SECRETARY OF DEFENSE (NETWORKS &
INFORMATION INTEGRATION/CHIEF INFORMATION OFFICER)
COMMANDER, SPECIAL OPERATIONS COMMAND
GENERAL COUNSEL OF THE DEPARTMENT OF DEFENSE
DIRECTOR, ADMINISTRATION AND MANAGEMENT
DIRECTOR, DEFENSE ADVANCED RESEARCH PROJECTS AGENCY
DIRECTOR, DEFENSE CONTRACT MANAGEMENT AGENCY
DIRECTOR, DEFENSE INTELLIGENCE AGENCY
DIRECTOR, DEFENSE LOGISTICS AGENCY
DIRECTOR, DEFENSE THREAT REDUCTION AGENCY
DIRECTOR, MISSILE DEFENSE AGENCY
DIRECTOR, NATIONAL GEO-SPATIAL INTELLIGENCE AGENCY
DIRECTOR, NATIONAL SECURITY AGENCY
DIRECTOR, OPERATIONAL TEST AND EVALUATION