OFFICE OF THE UNDER SECRETARY OF DEFENSE

3000 DEFENSE PENTAGON
WASHINGTON, DC 20301-3000

ACQUISITION
TECHNOLOGY
AND LOGISTICS

JUL 0 7 2004

MEMORANDUM FOR: SEE DISTRIBUTION

SUBJECT: Instructions for Modular Open Systems Approach (MOSA) Implementation

A Modular Open Systems Approach (MOSA) is a means to assess and implement, when feasible, widely supported commercial interface standards in developing systems using modular design concepts. It is an integral part of the toolset that will help DoD achieve its goal of providing the joint combat capabilities required in the 21st century, including supporting and evolving these capabilities over their total life-cycle. The USD(AT&L) memorandum, dated April 5, 2004 states: "commencing 1 Oct 04 all programs subject to milestone review shall brief their program's MOSA implementation status to the Milestone Decision Authority (MDA) for compliance." The purpose of this memorandum is to describe how this requirement will be addressed for systems and systems-of-systems in the formal acquisition process.

Given the enabling relationship of a modular open systems approach to evolutionary acquisition, DoD acquisition programs should address Modular Open Systems Approach (MOSA) early in their program and acquisition planning, and should discuss MOSA implementation in the context of their overall Acquisition Strategy and to the extent feasible in the Technology Development Strategy. MOSA implementation issues should be identified and addressed via the IPT process and presented as issues to the MDA only when unresolved at a lower level.

The Open Systems Joint Task Force (OSJTF) is my lead for MOSA and has developed the Program Assessment and Rating Tool (PART) for your use in conducting your internal MOSA implementation assessments. Program Managers should either use the PART, or an equivalent method of assessment, to generate objective data on the success of their MOSA implementation. The OSJTF Program Managers MOSA guide and PART are available at http://www.acq.osd.mil/osjtf/html/mosa_assessment.html. Additionally, pertinent MOSA and PART information will be provided in the next update to the DoD Acquisition Guidebook.

The OSJTF is responsible for the development and oversight of MOSA policy to include emerging system-of-systems policy to develop open integrated architectures for capability areas. If you have any questions, or need further guidance on required reporting, my point of contact is COL Ken Flowers, Director, OSJTF. He can be contacted at 703-602-0851 x116, or via email at Kenneth.flowers@osd.mil.

Glenn F. Lamartin
Director
Defense Systems

cc:
Defense Systems Warfare Offices
Defense Systems Systems Engineering

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ACTION MEMO

July 1, 2004 12:00pm

FOR: Glenn F. Lamartin, Director, Defense Systems

FROM: Dr. V. Garber, Director, Systems and Mission Integration

SUBJECT: Instructions for Modular Open Systems Approach (MOSA) Implementation

- The memorandum at TAB A clarifies the Modular Open Systems Approach (MOSA) assessment and reporting requirements described in the USD (AT&L) memorandum, dated April 5, 2004 at TAB B.

- Commencing on October 1, 2004, all programs subject to milestone reviews shall address MOSA early in their program and acquisition planning, and should discuss MOSA implementation in the context of their overall Acquisition Strategy and to the extent feasible in the Technology Development Strategy. MOSA implementation issues should be identified and addressed via the IPT process and presented as issues to the MDA only when unresolved at a lower level.

- All respondents concurred with implementation procedure outlined in the memorandum

RECOMMENDATION: Sign memorandum at TAB A

COORDINATION: TAB C provides a listing of the organizations contacted and their position on the draft memorandum.

Attachments:
As stated

Prepared By: COL Ken Flowers, Director, Open Systems Joint Task Force, (703) 602-0851, x116