# OFFICE OF THE ASSISTANT SECRETARY OF DEFENSE
### 3500 DEFENSE PENTAGON
### WASHINGTON, DC 20301-3500
November 22, 2011

**LOGISTICS AND
MATERIEL READINESS**

MEMORANDUM FOR DEPUTY ASSISTANT SECRETARY OF DEFENSE FOR
STRATEGIC AND TACTICAL SYSTEMS
DIRECTOR, SYSTEMS ENGINEERING
PRINCIPAL DEPUTY DIRECTOR, DEFENSE RESEARCH AND
ENGINEERING
VICE DIRECTOR FOR LOGISTICS, J4
ASSISTANT DEPUTY CHIEF OF NAVAL OPERATIONS
(FLEET READINESS AND LOGISTICS), N4B
ASSISTANT DEPUTY CHIEF OF STAFF, LOGISTICS,
INSTALLATIONS AND MISSION SUPPORT (A4/7), USAF
ASSISTANT DEPUTY CHIEF OF STAFF,
SUSTAINMENT (G-4), USA
ASSISTANT DEPUTY COMMANDANT, INSTALLATIONS
AND LOGISTICS, USMC
EXECUTIVE DIRECTOR, MATERIEL PROCESS MANAGEMENT,
DEFENSE LOGISTICS AGENCY

SUBJECT: IUID-Enabled Serialized Item Management in Operations and Maintenance
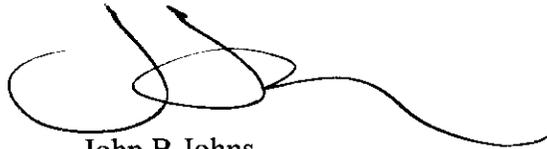
In July, 2009, the Joint Logistics Board (JLB) chartered the Logistics IUID Task Force to assess the value of IUID implementation across DoD. The Task Force categorized benefits in three key value chains: property accountability, intensive item management, and product lifecycle management. Implementation requirements and rough order of magnitude (ROM) costs were subsequently assessed by the DoD-wide task force across 10 distinct logistics nodes, ranging from acquisition logistics to disposal. The Task Force, chaired by the Deputy Assistant Secretary of Defense for Maintenance, Policy and Programs (DASD[MPP]), included members from the military services, Defense Logistics Agency, and the Office of the Secretary of Defense (OSD).

The ensuing *Implementation of Item Unique Identification in DoD Logistics Processes* report presented to the JLB concluded IUID-enabled serialized item management (SIM) will provide substantial benefits when fully implemented and value focused. As a follow-on Task Force activity, the JLB requested an assessment of logistics processes required for attaining the benefits from IUID-enabled SIM. The attached *IUID-Enabled Serialized Item Management in Operations and Maintenance* was developed by the combined field and depot maintenance node teams in response to that request. It describes the potential roles of IUID in DoD maintenance operations and corollary supply chain processes with the intended purpose of providing information for the military departments and defense agencies to assist in value-based planning and implementation of IUID-enabled SIM in their maintenance programs.

This IUID Task Force product focuses on the notional "to-be" processes of the physical flow of IUID-tracked SIM items through the various levels of maintenance, depicts supply chain interfaces, and describes how lifecycle data can be captured, used, updated, and stored. It also

illustrates how modernized automated information technology and automated information systems would vastly improve the efficiency and effectiveness of maintenance processes and associated supply transactions.

*IUID-Enabled Serialized Item Management in Operations and Maintenance* is also available on the ODASD(MPP) website at www.acq.osd.mil/log/mpp. Comments and suggestions are welcome and should be provided to my point of contact, Mr. Greg Kilchenstein, (703) 614-0862, greg.kilchenstein@osd.mil.

John B Johns
Deputy Assistant Secretary of Defense
(Maintenance, Policy and Programs)

Attachment(s):
As stated

cc:
DEPUTY ASSISTANT SECRETARY OF DEFENSE, MATERIEL READINESS
DEPUTY ASSISTANT SECRETARY OF DEFENSE, SUPPLY CHAIN INTEGRATION
DEPUTY ASSISTANT SECRETARY OF DEFENSE, TRANSPORTATION POLICY