



DEPUTY UNDER SECRETARY OF DEFENSE
3015 DEFENSE PENTAGON
WASHINGTON, DC 20301-3015

ACQUISITION AND
TECHNOLOGY

MEMORANDUM FOR COMPONENT ACQUISITION EXECUTIVES

SUBJECT: Unique Item Identifier and Government Serialization

The February 6, 2007 USD(AT&L) memorandum titled "Policy Update for Item Unique Identification of Tangible Personal Property" directed that legacy assets be entered in the Item Unique Identification (IUID) Registry in accordance with the described phased approach.

In some cases items have both the Item Unique Identification (IUID) contract clause and government serialization directed in contracts (e.g. Hull numbers, Tail numbers). In these cases systems and procedures are already in place that use Military Department serialization marked on the item, including type designation, to identify and preserve traceability of major end item, assembly and subassembly items through its life in inventory, maintenance and operational systems.

This memorandum directs actions necessary to link the Unique Item Identifiers (UIIs) assigned to major end items, assemblies, and subassemblies and other capital equipment with any serial numbers and Type/Model/Series designations assigned to them by the Military Departments (attachment 1). The Components must ensure that the following additional data elements are provided with UIIs at the time of registration in the DoD IUID Registry:

- Government assigned serial or registration number
- The Type/Model/Series designation assigned
- The Service/Agency/Command having ownership

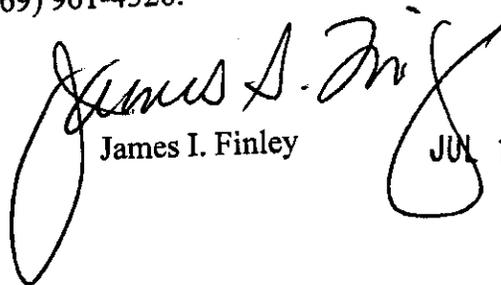
For any of the items previously registered, that are subject to Type/Model/Series designations, the Components must ensure that the DoD IUID Registry is updated with the additional data elements above.

Any Government assigned serial or registration number used in Automated Information Systems (e.g. an alias) must also be entered in the IUID Registry. IUID Registry Release 3.4, deployed June 2007, accommodates this requirement. A Defense Federal Acquisition Regulation Supplement case will be initiated to add this requirement to new items.



The actions stated above can be accomplished by closely following the June 5, 2007 version of "Guidelines for Registering Government Serialization, Type Designation and Ownership of Major End Items, Assemblies and Subassemblies and Capital Equipment in the IUID Registry." These actions will enable a clean audit, enable the use of UII in the maintenance process (including performance based service contracts) and account for assets consistently. This document can be accessed on the UID Website at <http://www.acq.osd.mil/dpap/UID/guides.htm>.

My POC for this is Mr. Robert Leibrandt, (703) 695-1099. The contact for the IUID Registry is Mr. Ed Floyd, (269) 961-4326.



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Attachment

Unique serialization processes included in DoD contracts are critical to management of items throughout their lifecycle and to achieving an unqualified audit opinion. IUID guidance, therefore, must be integrated with Service managed major end item assemblies and subassemblies and capital equipment serialization and type designation processes.

Definitions

Capital equipment is defined as tangible personal property items that:

- have an acquisition cost at or above the current capitalization threshold, with a useful service life of two or more years;
- are functionally complete for their intended purpose, durable, and nonexpendable;
- are not intended for sale in the ordinary course of business;
- do not ordinarily lose their identity or become a component part of another article when put into use; and
- are available for the use by the reporting entity for its intended purpose.

A major end item is defined as “a final combination of end products that is ready for its intended use; that is, ships, aircraft, launchers, tanks, mobile machine shops, and vehicles; etc. (4140.1-R: AP1.1.11.7. Class VII).”

Government Serialization, Type Designation and Ownership of Major End Items, Assemblies and Subassemblies and Other Capital Equipment

The Services are responsible for managing specific types of major end item and other capital equipment serial numbers covered in the following Military Department publications (Registration, Tail, Bureau and Hull Numbers):

- US Navy Regulations, Article 0406, of 14 SEP 1990, Vessel Classification and Registration
- OPNAV Instruction 5442.2G, Aircraft Inventory Reporting System
- NAVFAC P-300 Management of Civil Engineering Support Equipment
- AFI 21-103 Equipment Inventory, Status and Utilization Reporting
- AFI 16-402, Aerospace Vehicle Programming, Assignment, Distribution, Accounting and Termination
- AFMAN 23-110, USAF Supply Manual
- AR 710-3, Asset and Transaction Reporting System

- DA PAM 738-751, Functional Users Manual for The Army Maintenance Management System – Aviation (TAMMS-A)

Major end items, assemblies and subassemblies and other capital equipment are assigned Type/Model/Series designations in accordance with either of the following standards:

- DoD 4120.15-L, Model Designation of Military Aerospace Vehicles, May 12, 2004
- MIL-STD-196E, Joint Electronic Type Designation System, February 17, 1998
- MIL-STD-1661(OS), Mark and Mod Nomenclature System, August 1, 1978
- MIL-STD-1464A(AR), Army Nomenclature System, May 15, 1987
- SECNAVINST 5030.8, Classification of Naval Ships and Craft, November 21, 2006

Type designations for end items, assemblies and subassemblies will typically fall within the following classes of supply:

- Class II - Clothing: individual equipment, tentage, organizational tool sets and kits, hand tools.
- Class IV - Construction materials: installed equipment.
- Class V - Ammunition: all types, bombs, explosives, mines, fuzes, detonators, pyrotechnics, missiles, rockets, propellants, and associated items.
- Class VII - Major end items: items such as aircraft, ships, launchers, tanks, mobile machine shops, and vehicles.
- Class VIII - Medical materiel: capital equipment, kits, patient support items
- Class IX - Repair parts and components: kits, assemblies, and subassemblies.

Several of the type designation systems make use of the H6 Federal Item Name Directory for the "approved item name" part of their nomenclature (nomenclature, by definition, is approved item name and type designation).

Major end items, assemblies and subassemblies and other capital equipment are typically under the ownership and control of the property management systems of the Services, Selected Agencies and Commands, such as the following:

- U. S. Special Operations Command
- U. S. Army

- U. S. Air Force
- U. S. Marine Corps
- U. S. Navy
- Missile Defense Agency
- U. S. Transportation Command
- Deputy Assistant to the Secretary of Defense for Chemical and Biological Defense

IUID Registry

Release 3.4 of the IUID Registry incorporates a drop down menu of standardized choices of the mark content descriptions to facilitate data entry by avoiding manual keying of the mark content descriptions. It is additionally recommended that the registration of the legacy items be implemented in a phased manner as directed in the February 6, 2007 memorandum titled "Policy Update for Item Unique Identification of Tangible Personal Property," beginning with the major end items, assemblies and subassemblies and then expanding to other capital equipment.

Additional Guidance

Guidance entitled "Registering Government Serialization, Type Designation and Ownership of Major End Items, Assemblies and Subassemblies and Other Capital Equipment in the IUID Registry" can be found at <http://www.acq.osd.mil/dpap/UID/guides.htm>