

**Department of Navy**  
**Item Unique Identification (IUID)**  
**Training Resource Guide**

10 April 2015

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## Introduction

The purpose of this guide is to consolidate and organize Item Unique Identification (IUID) requirements, guides, and training opportunities by areas of interest.

Information within this guide is available from government resources. Other relevant aspects, particularly training opportunities, may be available from other sources.

## Background

The Department of Defense (DoD) established IUID policy in 2003, identifying IUID as a strategic imperative for the DoD, particularly for financial accountability and property management. Since then the policy has evolved, been refined, and integrated into DoD Instructions (DoDI) and Directives (DoDD). IUID has been identified as the key enabler for lifecycle traceability at the item level and as such is required for many items within the DoD, including new acquisitions, items in storage and operational use, and Government Furnished Property (GFP).

## Scope

The information within this guide is provided for Department of Navy (DON) personnel and contractors to facilitate the acquisition of IUID knowledge. This guide only takes into account policies, requirements, guides, or training relevant to IUID.

## Knowledge Areas

This guide is organized by topics of interest in relation to IUID. Relevant policies, guides, and training opportunities for each interest area are identified along with where to access the information. It is left to the reader to determine the relevant topics of interest for their responsibilities.

For many of the resources listed below, only a portion may be relevant for the area of interest. Unless otherwise noted, the current version of the documents listed should be used.

While every attempt has been made to provide current and accurate access information, it is possible resources may have been relocated, updated, added, or retired since the publication of this guide. To suggest an additional resource for inclusion or to identify out of date information please email [CRNA-IUID\\_gateway@navy.mil](mailto:CRNA-IUID_gateway@navy.mil) using "Update DON Training Resources Guide" as the subject line as well as any pertinent information in the body of the email.

## IUID Overview

This section provides resources for high level general IUID information, focusing on IUID policy and business rules.

Topic of Interest	IUID Overview
Policies & Requirements	OUSD(AT&L) Memo dated 30 Dec 2010, "Item Unique Identification (IUID) of Tangible Personal Property – Policy Refinement for Secondary Items in Use or in Inventory" <a href="http://www.acq.osd.mil/dpap/pdi/uid/docs/IUID_Policy_Clarification.pdf">http://www.acq.osd.mil/dpap/pdi/uid/docs/IUID_Policy_Clarification.pdf</a>

	DoDI 8320.04, “Item Unique Identification (IUID) Standards for Tangible Personal Property” <a href="http://www.dtic.mil/whs/directives/corres/pdf/832004p.pdf">http://www.dtic.mil/whs/directives/corres/pdf/832004p.pdf</a>
	MIL-STD 130, “Department of Defense Standard Practice Identification Marking of U.S. Military Property” <a href="http://www.assistdocs.com/search/document_details.cfm?ident_number=35521&amp;StartRow=1&amp;PaginatorPageNumber=1&amp;doc_number=130&amp;status_all=ON&amp;search_method=Basic">http://www.assistdocs.com/search/document_details.cfm?ident_number=35521&amp;StartRow=1&amp;PaginatorPageNumber=1&amp;doc_number=130&amp;status_all=ON&amp;search_method=Basic</a>
	SECNAVINST 4440.34 “Implementation of Item Unique Identification within the Department of the Navy” <a href="http://doni.daps.dla.mil/Directives/04000%20Logistical%20Support%20and%20Services/04-400%20Supply%20and%20Material%20Services/4440.34.pdf">http://doni.daps.dla.mil/Directives/04000%20Logistical%20Support%20and%20Services/04-400%20Supply%20and%20Material%20Services/4440.34.pdf</a>
Training Opportunities & Guides	DAU CLM 200, “Item Unique Identification (IUID)” <a href="http://icatalog.dau.mil/onlinecatalog/courses.aspx?crs_id=245">http://icatalog.dau.mil/onlinecatalog/courses.aspx?crs_id=245</a>
	DoD IUID Overview Video <a href="http://dodprocurementtoolbox.com/uploads/227">http://dodprocurementtoolbox.com/uploads/227</a>
	DoD Procurement Toolbox <a href="http://dodprocurementtoolbox.com/page/unique-id">http://dodprocurementtoolbox.com/page/unique-id</a>
	“Department of Defense Guide to Uniquely Identifying Items Assuring Valuation, Accountability and Control of Government Property” <a href="http://dodprocurementtoolbox.com/uploads/799">http://dodprocurementtoolbox.com/uploads/799</a>

### Contracting & IUID

This section provides resources on IUID contract requirements for new acquisitions and GFP, how to properly include these requirements, and how to receipt and accept items requiring IUID.

Topic of Interest	Contracting & IUID
Policies & Requirements	DFARS 211.274, “Item Identification and Valuation Requirements” <a href="http://www.acq.osd.mil/dpap/dars/dfars/html/current/211_2.htm#211.274">http://www.acq.osd.mil/dpap/dars/dfars/html/current/211_2.htm#211.274</a>
	DFARS 252.211-7003, “Item Unique Identification and Valuation” <a href="http://www.acq.osd.mil/dpap/dars/dfars/html/current/252211.htm#252.211-7003">http://www.acq.osd.mil/dpap/dars/dfars/html/current/252211.htm#252.211-7003</a>
	DFARS 252.211-7007, “Reporting of Government-Furnished Equipment in the DoD Item Unique Identification (IUID) Registry” <a href="http://www.acq.osd.mil/dpap/dars/dfars/html/current/252211.htm#252.211-7007">http://www.acq.osd.mil/dpap/dars/dfars/html/current/252211.htm#252.211-7007</a>
Training Opportunities & Guides	DAU CLC 033, “Contract Format and Structure for the DoD e-Business Environment” <a href="http://icatalog.dau.mil/onlinecatalog/courses.aspx?crs_id=246">http://icatalog.dau.mil/onlinecatalog/courses.aspx?crs_id=246</a>
	Wide Area Workflow (WAWF) Training <a href="https://wawftraining.eb.mil/">https://wawftraining.eb.mil/</a>
	“Acquisition/Procurement Guide for Unique Item Traceability Data Integrity” <a href="http://dodprocurementtoolbox.com/uploads/131">http://dodprocurementtoolbox.com/uploads/131</a>
	“Department of Defense Guide to Uniquely Identifying Items Assuring Valuation, Accountability and Control of Government Property” <a href="http://dodprocurementtoolbox.com/uploads/799">http://dodprocurementtoolbox.com/uploads/799</a>
	Contract Construction Examples <a href="http://dodprocurementtoolbox.com/uploads/94">http://dodprocurementtoolbox.com/uploads/94</a>

## Property Management (including GFP) & IUID

This section provides information on the IUID requirements for GFP and using IUID to manage government items.

Topic of Interest	Property Management (including GFP) & IUID
Policies & Requirements	DoDI 4161.02, “Accountability and Management of Government Contract Property” <a href="http://www.dtic.mil/whs/directives/corres/pdf/416102p.pdf">http://www.dtic.mil/whs/directives/corres/pdf/416102p.pdf</a>
	DoDI 5000.64, “Accountability and Management of DoD Equipment and Other Accountable Property” <a href="http://www.dtic.mil/whs/directives/corres/pdf/500064p.pdf">http://www.dtic.mil/whs/directives/corres/pdf/500064p.pdf</a>
	SECNAVINST 4440.33A, “Operating Materials and Supplies – Accountability and Management” <a href="http://doni.daps.dla.mil/Directives/04000%20Logistical%20Support%20and%20Services/04-400%20Supply%20and%20Material%20Services/4440.33A.pdf">http://doni.daps.dla.mil/Directives/04000%20Logistical%20Support%20and%20Services/04-400%20Supply%20and%20Material%20Services/4440.33A.pdf</a>
	MIL-STD 130, “Department of Defense Standard Practice Identification Marking of U.S. Military Property” <a href="http://www.assistdocs.com/search/document_details.cfm?ident_number=35521&amp;StartRow=1&amp;PaginatorPageNumber=1&amp;doc_number=130&amp;status_all=ON&amp;search_method=BASIC">http://www.assistdocs.com/search/document_details.cfm?ident_number=35521&amp;StartRow=1&amp;PaginatorPageNumber=1&amp;doc_number=130&amp;status_all=ON&amp;search_method=BASIC</a>
	MIL-STD 129, “Department of Defense Standard Practice Military Marking for Shipment and Storage” <a href="http://www.assistdocs.com/search/document_details.cfm?ident_number=35520&amp;StartRow=1&amp;PaginatorPageNumber=1&amp;doc%5Fid=MIL%2DSTD%2D129&amp;status%5Fall=ON&amp;search%5Fmethod=BASIC">http://www.assistdocs.com/search/document_details.cfm?ident_number=35520&amp;StartRow=1&amp;PaginatorPageNumber=1&amp;doc%5Fid=MIL%2DSTD%2D129&amp;status%5Fall=ON&amp;search%5Fmethod=BASIC</a>
	DFARS 252.211-7007, “Reporting of Government-Furnished Equipment in the DoD Item Unique Identification (IUID) Registry” <a href="http://www.acq.osd.mil/dpap/dars/dfars/html/current/252211.htm#252.211-7007">http://www.acq.osd.mil/dpap/dars/dfars/html/current/252211.htm#252.211-7007</a>
Training Opportunities & Guides	“Department of Defense Guide to Uniquely Identifying Items Assuring Valuation, Accountability and Control of Government Property” <a href="http://dodprocurementtoolbox.com/uploads/799">http://dodprocurementtoolbox.com/uploads/799</a>
	“Acquisition/Procurement Guide for Unique Item Traceability Data Integrity” <a href="http://dodprocurementtoolbox.com/uploads/131">http://dodprocurementtoolbox.com/uploads/131</a>
	DoD Procurement Toolbox <a href="http://dodprocurementtoolbox.com/page/unique-id">http://dodprocurementtoolbox.com/page/unique-id</a>

## IUID Registry

This section provides resources for identifying requirements to submit item information to the IUID Registry, as well as what to submit, when to submit, and how to submit.

Topic of Interest	IUID Registry
Policies & Requirements	DoDI 8320.04 “Item Unique Identification (IUID) Standards for Tangible Personal Property” <a href="http://www.dtic.mil/whs/directives/corres/pdf/832004p.pdf">http://www.dtic.mil/whs/directives/corres/pdf/832004p.pdf</a>

	SECNAVINST 4440.34 “Implementation of Item Unique Identification within the Department of the Navy” <a href="http://doni.daps.dla.mil/Directives/04000%20Logistical%20Support%20and%20Services/04-400%20Supply%20and%20Material%20Services/4440.34.pdf">http://doni.daps.dla.mil/Directives/04000%20Logistical%20Support%20and%20Services/04-400%20Supply%20and%20Material%20Services/4440.34.pdf</a>
Training Opportunities & Guides	IUID Registry <a href="https://wawf.eb.mil">https://wawf.eb.mil</a>
	IUID Registry Overview <a href="http://dodprocurementtoolbox.com/page/overview/iuid-registry">http://dodprocurementtoolbox.com/page/overview/iuid-registry</a>
	“Department of Defense Guidelines for the Virtual Unique Item Identifier (UII)” <a href="http://dodprocurementtoolbox.com/uploads/144">http://dodprocurementtoolbox.com/uploads/144</a>

### Information Systems & IUID

This section provides resources for identifying the requirement to ensure information systems are IUID-capable.

Topic of Interest	Information Systems & IUID
Policies & Requirements	DoDI 4151.19, “Serialized Item Management for Materiel Maintenance” <a href="http://www.dtic.mil/whs/directives/corres/pdf/415119p.pdf">http://www.dtic.mil/whs/directives/corres/pdf/415119p.pdf</a>
	DoDD 8320.03, “Unique Identification Standards for a Net-Centric Department of Defense” <a href="http://www.dtic.mil/whs/directives/corres/pdf/832003p.pdf">http://www.dtic.mil/whs/directives/corres/pdf/832003p.pdf</a>
	DoDI 8320.04, “Item Unique Identification (IUID) Standards for Tangible Personal Property” <a href="http://www.dtic.mil/whs/directives/corres/pdf/832004p.pdf">http://www.dtic.mil/whs/directives/corres/pdf/832004p.pdf</a>
	SECNAVINST 4440.34 “Implementation of Item Unique Identification within the Department of the Navy” <a href="http://doni.daps.dla.mil/Directives/04000%20Logistical%20Support%20and%20Services/04-400%20Supply%20and%20Material%20Services/4440.34.pdf">http://doni.daps.dla.mil/Directives/04000%20Logistical%20Support%20and%20Services/04-400%20Supply%20and%20Material%20Services/4440.34.pdf</a>
Training Opportunities & Guides	“Department of Defense Guide to Uniquely Identifying Items Assuring Valuation, Accountability and Control of Government Property” <a href="http://dodprocurementtoolbox.com/uploads/799">http://dodprocurementtoolbox.com/uploads/799</a>

### IUID Marking

This section provides resources on marking items requiring IUID compliance, including DoD marking standards, documentation, and selection of marking methods.

Topic of Interest	IUID Marking
Policies & Requirements	MIL-STD 129, “Department of Defense Standard Practice Military Marking for Shipment and Storage” <a href="http://www.assistdocs.com/search/document_details.cfm?ident_number=35520&amp;StartRow=1&amp;PaginatorPageNumber=1&amp;doc%5Fid=MIL%2DSTD%2D129&amp;status%5Fall=ON&amp;search%5Fmethod=BASIC">http://www.assistdocs.com/search/document_details.cfm?ident_number=35520&amp;StartRow=1&amp;PaginatorPageNumber=1&amp;doc%5Fid=MIL%2DSTD%2D129&amp;status%5Fall=ON&amp;search%5Fmethod=BASIC</a>

	MIL-STD 130, “Department of Defense Standard Practice Identification Marking of U.S. Military Property” <a href="http://www.assistdocs.com/search/document_details.cfm?ident_number=35521&amp;StartRow=1&amp;PaginatorPageNumber=1&amp;doc_number=130&amp;status_all=ON&amp;search_method=BA SIC">http://www.assistdocs.com/search/document_details.cfm?ident_number=35521&amp;StartRow=1&amp;PaginatorPageNumber=1&amp;doc_number=130&amp;status_all=ON&amp;search_method=BA SIC</a>
	SECNAVINST 4440.34 “Implementation of Item Unique Identification within the Department of the Navy” <a href="http://doni.daps.dla.mil/Directives/04000%20Logistical%20Support%20and%20Services/04-400%20Supply%20and%20Material%20Services/4440.34.pdf">http://doni.daps.dla.mil/Directives/04000%20Logistical%20Support%20and%20Services/04-400%20Supply%20and%20Material%20Services/4440.34.pdf</a>
Training Opportunities & Guides	DAU CLE 040, “IUID Marking” <a href="http://icatalog.dau.mil/onlinecatalog/courses.aspx?crs_id=1680">http://icatalog.dau.mil/onlinecatalog/courses.aspx?crs_id=1680</a>
	“Department of Defense Guide to Uniquely Identifying Items Assuring Valuation, Accountability and Control of Government Property” <a href="http://dodprocurementtoolbox.com/uploads/799">http://dodprocurementtoolbox.com/uploads/799</a>
	“Department of the Navy Item Unique Identification (IUID) Marking Guide: Applying Data Matrix Identification Symbols to Legacy Parts” <a href="http://www.secnav.navy.mil/rda/OneSource/Documents/Item%20Unique%20Identification%20(IUID)/Tools%20and%20Links/Department%20of%20the%20Navy%20(DON)/DONIUIDMarkingGuidev1.120110923FINAL.pdf">http://www.secnav.navy.mil/rda/OneSource/Documents/Item%20Unique%20Identification%20(IUID)/Tools%20and%20Links/Department%20of%20the%20Navy%20(DON)/DONIUIDMarkingGuidev1.120110923FINAL.pdf</a>
	“Department of Defense Guidelines for the Virtual Unique Item Identifier (UII)” <a href="http://dodprocurementtoolbox.com/uploads/144">http://dodprocurementtoolbox.com/uploads/144</a>
	Joint Quality Marking Working Group Marking Qualification Data <a href="https://acc.dau.mil/CommunityBrowser.aspx?id=30743">https://acc.dau.mil/CommunityBrowser.aspx?id=30743</a>
	“Item Unique Identification (IUID) Environmental Survivability Testing Report 2011” <a href="http://dodprocurementtoolbox.com/uploads/103">http://dodprocurementtoolbox.com/uploads/103</a>
	“Item Unique Identification (IUID) Environmental Survivability Testing Report 2012” <a href="http://dodprocurementtoolbox.com/uploads/100">http://dodprocurementtoolbox.com/uploads/100</a>

### IUID Implementation Planning

Planning for IUID implementation requires knowledge of all the other topics of interest. As such, the resources for implementation planning have been organized a bit differently than the other areas of interest. The first table below specifically addresses implementation planning itself. The second table provides resources useful for developing the implementation plan.

Topic of Interest	IUID Implementation Planning
Policies & Requirements	DoDI 5000.02: Operation of the Defense Acquisition System <a href="http://www.dtic.mil/whs/directives/corres/pdf/500002p.pdf">http://www.dtic.mil/whs/directives/corres/pdf/500002p.pdf</a>
	SECNAVINST 4440.34 “Implementation of Item Unique Identification within the Department of the Navy” <a href="http://doni.daps.dla.mil/Directives/04000%20Logistical%20Support%20and%20Services/04-400%20Supply%20and%20Material%20Services/4440.34.pdf">http://doni.daps.dla.mil/Directives/04000%20Logistical%20Support%20and%20Services/04-400%20Supply%20and%20Material%20Services/4440.34.pdf</a>
Training Opportunities & Guides	“IUID Implementation Planning Guide” <a href="http://dodprocurementtoolbox.com/uploads/105">http://dodprocurementtoolbox.com/uploads/105</a>
	DoD Procurement Toolbox <a href="http://dodprocurementtoolbox.com/page/unique-id">http://dodprocurementtoolbox.com/page/unique-id</a>

Topic of Interest	IUID Implementation Plan Development
Policies & Requirements	OUSD(AT&L) Memo dated 30 Dec 2010, “Item Unique Identification (IUID) of Tangible Personal Property – Policy Refinement for Secondary Items in Use or in Inventory” <a href="http://www.acq.osd.mil/dpap/pdi/uid/docs/IUID_Policy_Clarification.pdf">http://www.acq.osd.mil/dpap/pdi/uid/docs/IUID_Policy_Clarification.pdf</a>
	DoDI 4140.01: DoD Supply Chain Materiel Management Policy <a href="http://www.dtic.mil/whs/directives/corres/pdf/414001p.pdf">http://www.dtic.mil/whs/directives/corres/pdf/414001p.pdf</a>
	DoDI 4140.67: DoD Counterfeit Prevention Policy <a href="http://www.dtic.mil/whs/directives/corres/pdf/414067p.pdf">http://www.dtic.mil/whs/directives/corres/pdf/414067p.pdf</a>
	DoDI 4151.19, “Serialized Item Management (SIM) for Life-Cycle Management of Materiel” <a href="http://www.dtic.mil/whs/directives/corres/pdf/415119p.pdf">http://www.dtic.mil/whs/directives/corres/pdf/415119p.pdf</a>
	DoDI 8320.04, “Item Unique Identification (IUID) Standards for Tangible Personal Property” <a href="http://www.dtic.mil/whs/directives/corres/pdf/832004p.pdf">http://www.dtic.mil/whs/directives/corres/pdf/832004p.pdf</a>
	SECNAVINST 4440.33A, “Operating Materials and Supplies – Accountability and Management” <a href="http://doni.daps.dla.mil/Directives/04000%20Logistical%20Support%20and%20Services/04-400%20Supply%20and%20Material%20Services/4440.33A.pdf">http://doni.daps.dla.mil/Directives/04000%20Logistical%20Support%20and%20Services/04-400%20Supply%20and%20Material%20Services/4440.33A.pdf</a>
Training Opportunities & Guides	DoD Procurement Toolbox <a href="http://dodprocurementtoolbox.com/page/unique-id">http://dodprocurementtoolbox.com/page/unique-id</a>
	“Department of Defense Guide to Uniquely Identifying Items Assuring Valuation, Accountability and Control of Government Property” <a href="http://dodprocurementtoolbox.com/uploads/799">http://dodprocurementtoolbox.com/uploads/799</a>
	“Department of Defense Guidelines for the Virtual Unique Item Identifier (UII)” <a href="http://dodprocurementtoolbox.com/uploads/144">http://dodprocurementtoolbox.com/uploads/144</a>

## Additional Resources

In addition to the resources specified above, general IUID information, updates, guidance, and frequently asked questions (FAQs) are available on the DoD Procurement Toolbox website, <http://dodprocurementtoolbox.com/page/unique-id>. Additional IUID policy information is available on the OSD UID Policy Office website, <http://www.acq.osd.mil/dpap/pdi/uid/index.html>. A helpdesk for IUID related questions is available by e-mail at [iuid.helpdesk@dla.mil](mailto:iuid.helpdesk@dla.mil).

Occasionally, DoD and the DoN offer instructor led training opportunities via webinar, classroom, or conference. Respective schedules and down-loadable training materials, if applicable, for these opportunities are available at the following websites:

DoD: <http://www.acq.osd.mil/dpap/pdi/uid/index.html> and <http://dodprocurementtoolbox.com/page/unique-id>

DON: <http://www.secnav.navy.mil/rda/OneSource/Pages/IUID.aspx>



## Appendix: Acronyms

DAU	Defense Acquisition University
DFARS	Defense Federal Acquisition Regulation Supplement
DoD	Department of Defense
DoDD	Department of Defense Directive
DoDI	Department of Defense Instruction
DON	Department of Navy
DPAS	Defense Property Accountability System
FAQ	Frequently Asked Question
GFP	Government Furnished Property
IUID	Item Unique Identification
MIL-STD	Military Standard
OUUSD(AT&L)	Office of the Under Secretary of Defense (Acquisition, Technology, and Logistics)
SECNAVINST	Secretary of the Navy Instruction
UID	Unique Identification
UII	Unique Item Identifier
WAWF	Wide Area Workflow