



2018 Defense Standardization Program (DSP) Workshop: DSP Track

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Briefing Outline



- **Defense Standardization**
 - Law, Policy and Procedures
 - Responsibilities
 - Tools
- **ASSIST Background and Tutorial**
- **ASSIST Next Generation**
- **Q&A**



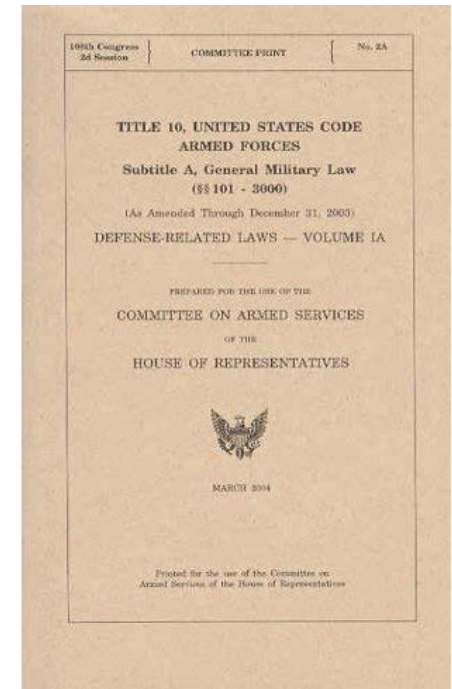
Standardization - It's the Law!



Defense Standardization Program is Required by Law

Defense Cataloging
& Standardization Act
Title 10, U.S. Code Chapter 145
Section 2451-2457
(Approved July 1, 1952)

- Establishes a single, unified standardization program in DoD
- Requires standardization of items used throughout DoD to the highest degree practicable
- Requires standardization and interoperability of equipment with North Atlantic Treaty Organization members and other countries





Use of Non-Government Standards



- **Public Law 104-113, “National Technology Transfer and Advancement Act,” March 7, 1996**
 - **Preference for developing and using non-government standards** instead of government specifications and standards
- **OMB Circular A-119, Federal Participation in the Development and Use of Voluntary Consensus Standards and in Conformity Assessment Activities**
 - All **Federal agencies must use voluntary consensus standards** in lieu of government-unique standards in their procurement and regulatory activities
- **Federal Acquisition Regulation (FAR) paragraph 11.101(b) on Order of Precedence for Requirements Documents**
 - “In accordance with OMB Circular A-119, and Section 12(d) of the NTTA of 1995, Pub. L. 104-113 (15 U.S.C. 272 note), **agencies must use voluntary consensus standards**, when they exist, in lieu of Government-unique standards, except where inconsistent with law or otherwise impractical.”



DoD's Role in Implementing Laws and Regulations



- **Develop materiel standardization and interoperability policy, procedures and guidance documents**
- **Contribute to the technical underpinning for standards**
- **Participate in standards development**
 - Through the voluntary process, has an equal seat at the table with other stakeholders
- **Implement standards**
 - In product purchases (Government Procurement)
 - Through incorporation into regulations, doctrine and tactics



DoD Standardization Policies and Procedures



Standardization with Allies and Multinational Organizations

- **Chairman of the Joint Chief of Staff Instruction (CJCSI) 2700.01, 18 March 2015, "Rationalization, Standardization, And Interoperability (RSI) Activities"**
 - provides guidance for DoD participation in international standardization and interoperability activities with multinational organizations, such as NATO
- **DoD Instruction 2010.06, 29 July 2009, "Materiel Interoperability and Standardization with Allies and Coalition Partners"**
 - Implements Public Law 10 USC 2457
 - establish policies and procedures for materiel interoperability and standardization with allies and coalition partners



DoD Standardization Policies and Procedures



(cont'd)

Matériel standardization is the responsibility of the DSP

- **DoD Instruction 4120.24, Defense Standardization Program**
 - Implements Public Law 10 USC 2451 and 2452
- **DoD Manual 4120.24, Defense Standardization Program (DSP) Procedures**
 - Implements DoDI 4120.24
- **Standardization Documents**
- **Other Guidance (e.g., SD-9)**



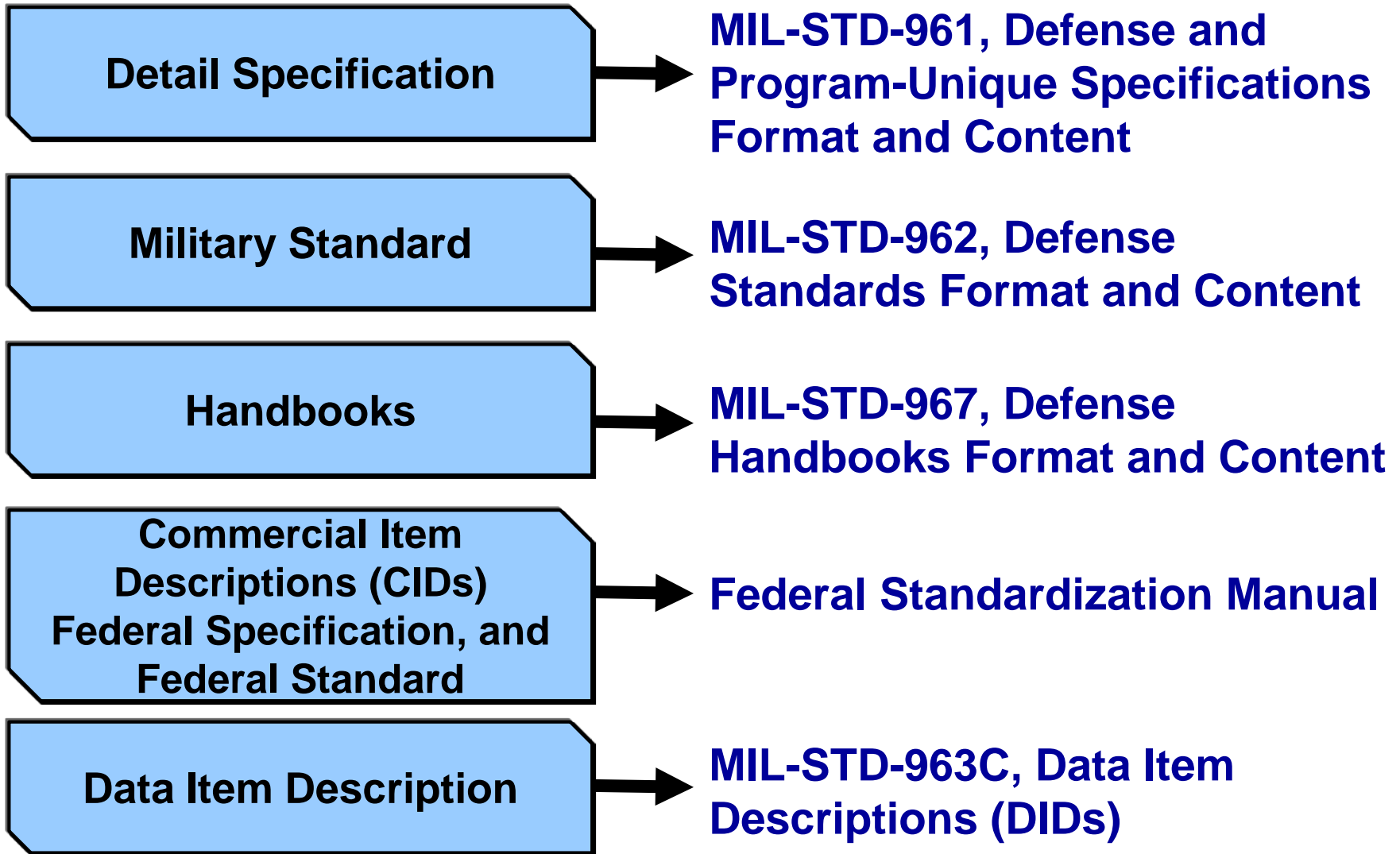
Types of DSP Documents



- **Military Specification**
- **Military Standard**
- **Military Handbook**
- **Data Item Description (DID)**
- **Federal Specification**
- **Federal Standard**
- **Commercial Item Description (CID)**
- **International Standardization Agreement (ISA)**
- **Non-Government Standard (NGS)**

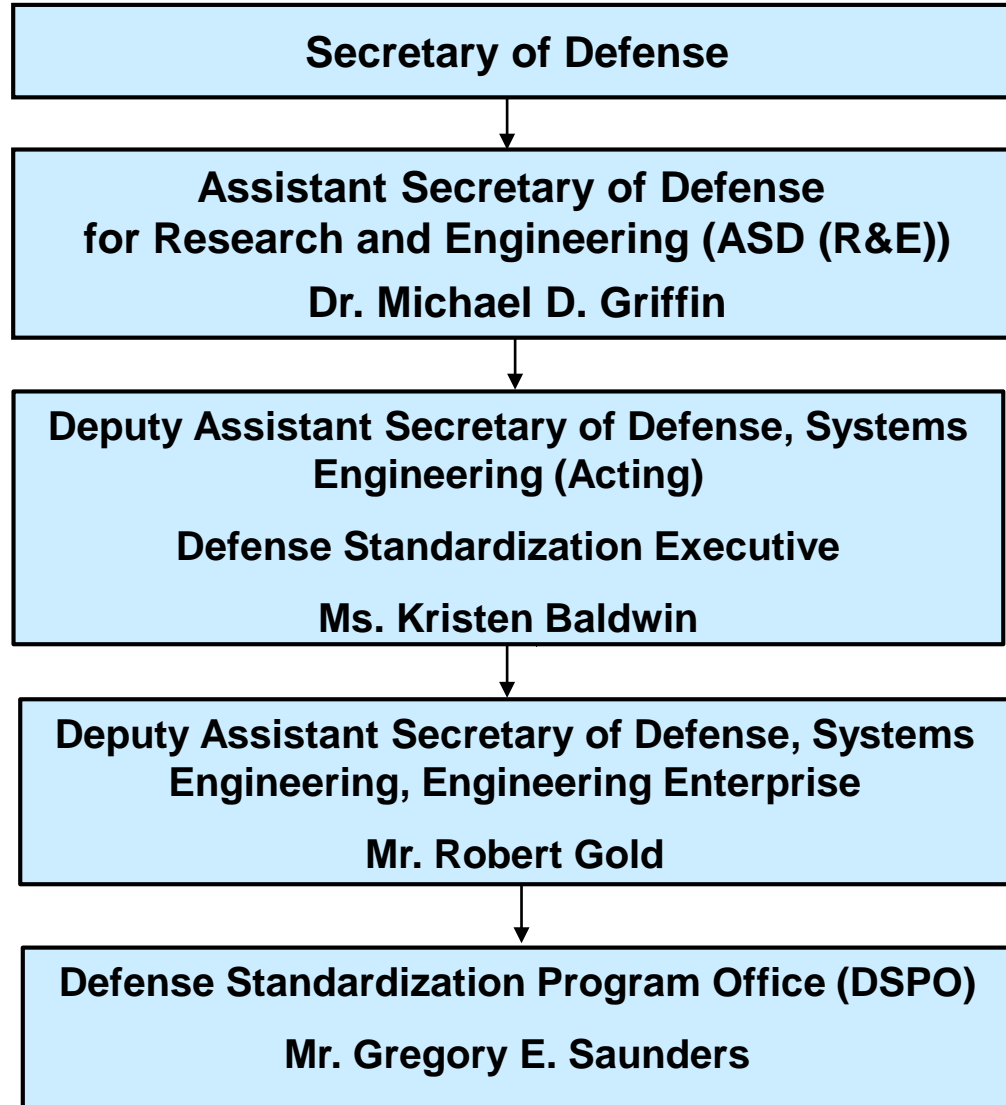


Formatting Standardization Documents



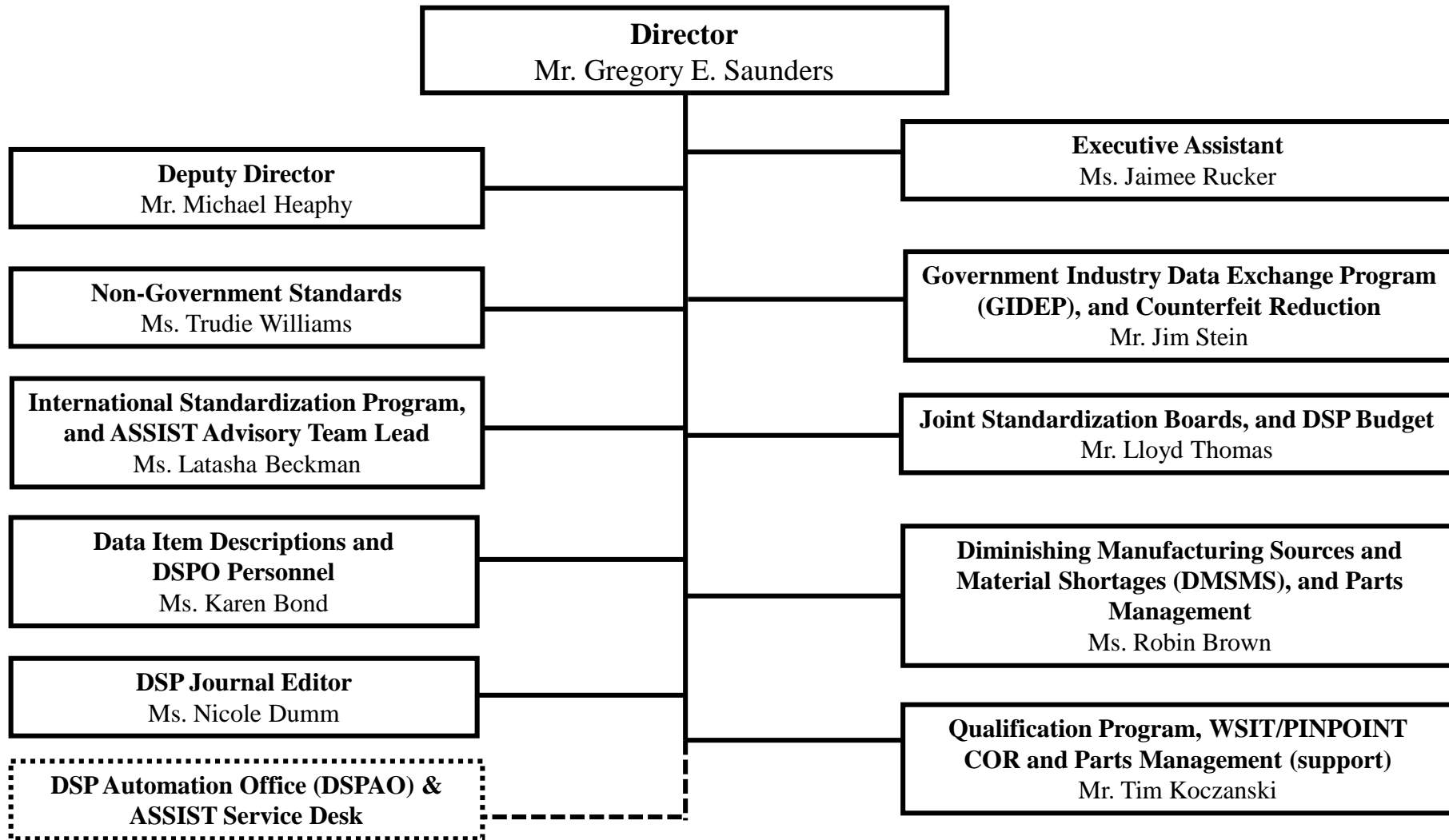


DSP Policy Responsibilities





Defense Standardization Program Office (DSPO)





DSPO Supports the DSP



TOOLS	TRAINING AND EDUCATION	JOINT AND SERVICE SPECIFIC EFFORTS	COALITION EFFORTS	STANDARDS DEVELOPMENT ORGANIZATIONS
<ul style="list-style-type: none"> • Acquisition Streamlining and Standardization Information System (ASSIST) • Government Industry Data Exchange Program (GIDEP) • Diminishing Manufacturing Sources and Material Shortages (DMSMS) Knowledge Sharing's Portal • Guide Books • Weapon System Information Tool (WSIT) • PINPOINT 	<ul style="list-style-type: none"> • Defense Standardization Workshop • DAU Led Courses • Webinars • Continuous Learning Modules • Defense Standardization Program Journal • DSPO Led Courses • Case Studies • Industry Conferences <ul style="list-style-type: none"> • AIA • Aging Aircraft • DMSMS • ARSSG • International Standardization Workshop 	<ul style="list-style-type: none"> • Defense Standardization Council • Joint Standardization • Boards • Annual Defense Standardization Program Awards • Parts Managements & Qualification 	<ul style="list-style-type: none"> • NATO – operational, materiel, and administrative standards • Materiel Standardization Harmonization Team • ABCA - Australia, Britain, Canada, America – mostly land based standards • AUSCANZUKUS - Australia, Canada, New Zealand, United Kingdom, USA – mostly naval standards • AFIC - Air Force Interoperability Council • CCEB - Combined Communication Electronics Board 	<ul style="list-style-type: none"> • ANSI - American National Standards Institute • ISO – International Standards Organization • IEC – International Electrotechnical Commission • ASTM International • SAE - Society of Automotive Engineers • AIA – Aerospace Industries Association • AIAA – American Institute of Aeronautics and Astronautics • IEEE – Institute for Electrical and Electronic Engineering



DSP Management Structure

Centrally Managed

- Has authority over DSP policies
- Chairs Defense Standardization Council
- Establishes Joint Standardization Boards
- Issues DSP policies, procedures, and guidance
- Resolve interdepartmental DSP issues

Defense Standardization Executive

Defense Standardization Council

- Assist in development of DSP policies
- Provide strategic direction for DSP
- Resolve interdepartmental DSP issues

DSPO

DepSOs

- Plan, direct, and monitor DSP in department or agency
- Assign standardization responsibilities in department or agency

Joint Standardization Boards

Document Management Activities

Lead Standardization Activities

Item Reduction Activities

- Identify DoD-wide standardization opportunities
- Help implement DoD-wide standardization decisions
- Advocate DSP policies, procedures, and tools

- Direct standardization efforts within activity
- Implement DSP policies
- Prepare or adopt standardization documents
- Review standardization documents

- Direct standardization in FSC or Area
- Technical focal point for FSC or Area
- Ensure implementation of DSP policies
- Approve standardization projects

- Originate item reduction studies

De-centrally Executed



Roles and Responsibilities



- **Under Secretary of Defense for Research and Engineering (USD R&E)**
 - Defense Standardization Program Office (DSPO)
 - DoD-wide materiel standardization policy, procedures & guidance
 - Automated Tools
 - Training / Education
 - Participating in non-government standards bodies and international standardization activities
 - Over 100 DoD Standardization Activities



Roles and Responsibilities

(cont'd)



- **Standardization Management Activities (SMAs) authorized by their Department/Agency may function as**
 - Lead Standardization Activity
 - Document Preparing Activity
 - Document Adopting Activity
 - Document Custodians
 - Document Review Activity
- **Lead Agents manage U.S. participation in international standardization and interoperability endeavors**
- **DSPA O manages the distribution of standardization documents**



Lead Standardization Activity (LSA)



- **Only one LSA for each standardization area or Federal Supply Class (FSC)**
- **Defense Standardization Program Office (DSPO) assigns LSA**
- **LSA must approve all standardization projects in its Area**
 - New documents
 - Updates to existing documents
 - Cancel or inactivate documents
 - Reinstate canceled or reactivate inactive documents
- **LSA is “guardian of gate” for “official” DoD standardization documents in system**
- **LSA approval process via ASSIST Standardization Project Request Module**



LSA

(cont'd)



- **LSA Considerations for Project Approval**
 - Is this the correct standardization area or should document be somewhere else?
 - Does document duplicate existing one?
 - Existing government document
 - Existing non-government standard
 - Existing ISA
 - Could existing document be modified to satisfy requirement?
 - Should a non-government standard be developed instead of government document?
 - Will document be fully coordinated (all Services) or limited coordination (single Service)?
 - Other considerations
- **All draft documents coordinated with LSA in Standardization Area**
- **Mediate disputes in Standardization Area**
- **Guide standardization direction in Area**
 - May hold meetings
 - May organize committees
 - May be active in Non-Government Standards Bodies



Preparing Activity (PA)



- **Prepares standardization documents following procedures in DoD Manual 4120.24**
- **The PA must:**
 - Get LSA approval for standardization projects using the ASSIST Project Approval Module
 - Coordinate documents using ASSIST coordination module and other means
 - Resolve comments per DSP policies and procedures
 - Submit final approved document in PDF to ASSIST using electronic document submission module
 - Coordinate with Lead Agents when making changes to documents that implement International Standardization Agreements (ISAs)



Adopting Activity



- **DoD Adopts Non-Government Standards following procedures in DoDM 4120.24**
- **Issues Adoption Notice**
 - Requires standardization project through ASSIST
 - Coordinates through ASSIST
 - Final approved notice entered into ASSIST through electronic document submission module
- **DoD POC on Non-Government Standard**



Review Activity



- **Reviews and comments on document prepared by others**
- **Preparing Activity must coordinate with all Review Activities designated in ASSIST for a document**
- **Preparing Activity must resolve “essential” comments made by a Review Activity**



Lead Agent (LA)

- **Represents and act on behalf of the Secretary of Defense or the Chairman of the Joint Chiefs of Staff for all RSI activities.**
 - Coordinate U.S. positions on multinational standardization and interoperability initiatives and ensuring DoD components and other interested parties affected are engaged
 - Ensure there is appropriate U.S. representatives at standardization and interoperability meetings
 - Program and fund participation in international standardization activities
 - Appoint Heads of Delegation , Points of Contact (to act as the Office of Primary Responsibility(OPR))
 - Coordinate with PAs regarding Military Specifications and Standards that implement ISAs
- **LAs are typically agreed rather than appointed**



Defense Standardization Program Automation Office (DSPAO)



- **DSPAO is responsible for operating and maintaining ASSIST:**
 - Indexing and publishing new and revised DSP documents submitted by the Standardization Management Activities (SMAs)
 - Ensuring that SMAs have complied with applicable policy and procedures in DoD Manual 4120.24
 - Managing the day-to-day operations of the ASSIST Service Desk
 - Coordinating with DSPO, ASSIST Maintenance (Sustainment) Contractor, users, and other stakeholders on all ASSIST matters



History of ASSIST



Public Law



Indexing Specifications and Standards is vital to the DSP.

- **In 1952, Public Law 82-436 established the Defense Standardization Program (DSP)**
 - Required the creation of a single set of specifications and standards, which DoD buying activities would use in the procurement of similar items.
- **The Congress believed that a single set of specifications and standards would save money and manpower by avoiding duplication of efforts in document preparation and maintenance**



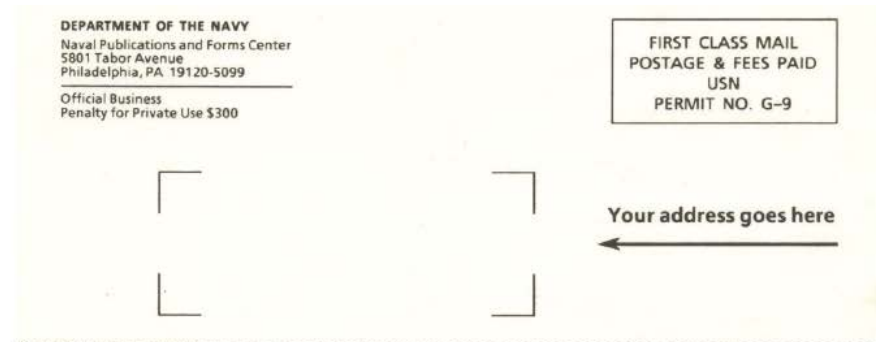
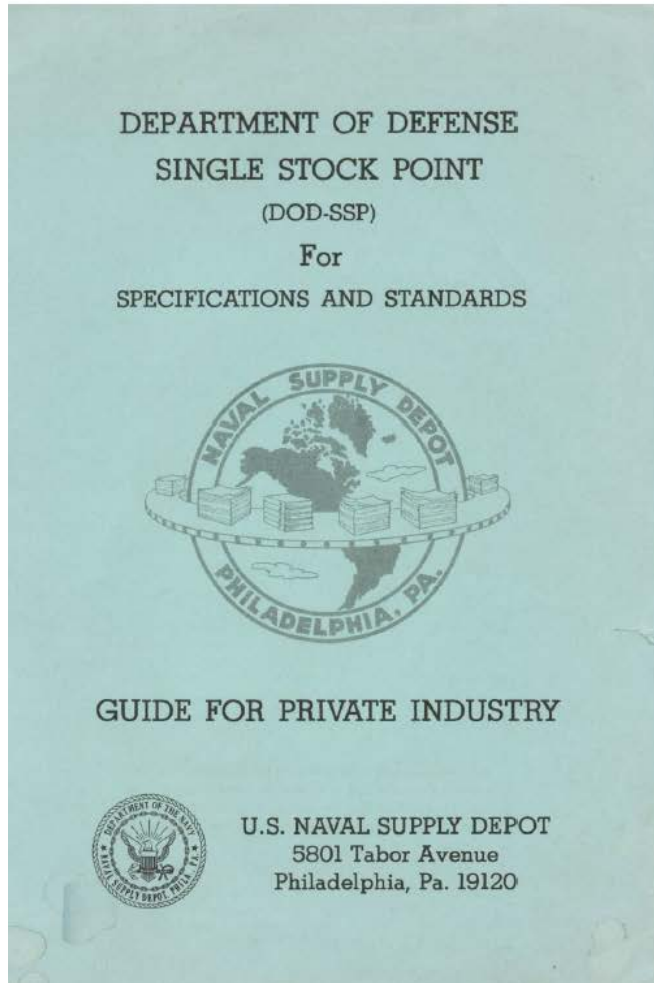
Background



- **In 1962, the DoD established the DoD Single Stock Point (DoDSSP) to establish a single source for obtaining specifications and standards generated by the DoD.**
- **The Naval Publications and Printing Service was responsible for the DoDSSP**
 - It was later transferred to the Defense Logistics Agency as part of the Defense Automated Printing Service (DAPS), Philadelphia
 - The DoDSSP reduced costs and confusion associated with having multiple points of document distribution within the Military Departments and Defense Agencies.



The Old System Was Paper-based



SPECIFICATIONS AND STANDARDS REQUISITION			
Send the number of copies of documents listed below which are in the DoD Index of Specifications and Standards. Limit five line items per request. Requests submitted on this form will speed service. Reorder forms will be enclosed with each shipment.			Form Approved OMB No. 0704-0230 Expires Nov 30, 1988
FORWARD REQUEST TO: Naval Publications and Forms Center, Code 3015 5801 Tabor Avenue, Philadelphia, PA 19120-5099			
1. NONAVAILABILITY CODE* (NPFC use only)	2. QUANTITY	3. STANDARDIZATION DOCUMENT NUMBER	4. TITLE (From DoD Index of Specifications and Standards)
<p align="center">* NONAVAILABILITY CODE EXPLANATION</p> <p>B - Item temporarily not in stock. Resubmit request in 30 days.</p> <p>E - Item not identifiable as an active document listed in the DODISS. Direct questions concerning this action to NPFC. Attn: Code 1052 or call (215) 697-2667.</p> <p>I - For Official Use Only. Submit request via cognizant DoD Inspection Office or Contract Administrator for certification of "need to know."</p> <p>L - Industry standardization documents will not be furnished by NPFC to commercial concerns. Copies may be purchased from the appropriate Industry Association.</p>			
5. SIGNATURE OF REQUESTER		6. DATE PREPARED (YYMMDD)	7. CLOSING DATE (YYMMDD) (IFB, RFP, or RFQ)

DD Form 1425, MAR 86

Previous editions of this form are obsolete.

0102-LF-001-4253

Source: USAF



The Old System Was Labor Intensive



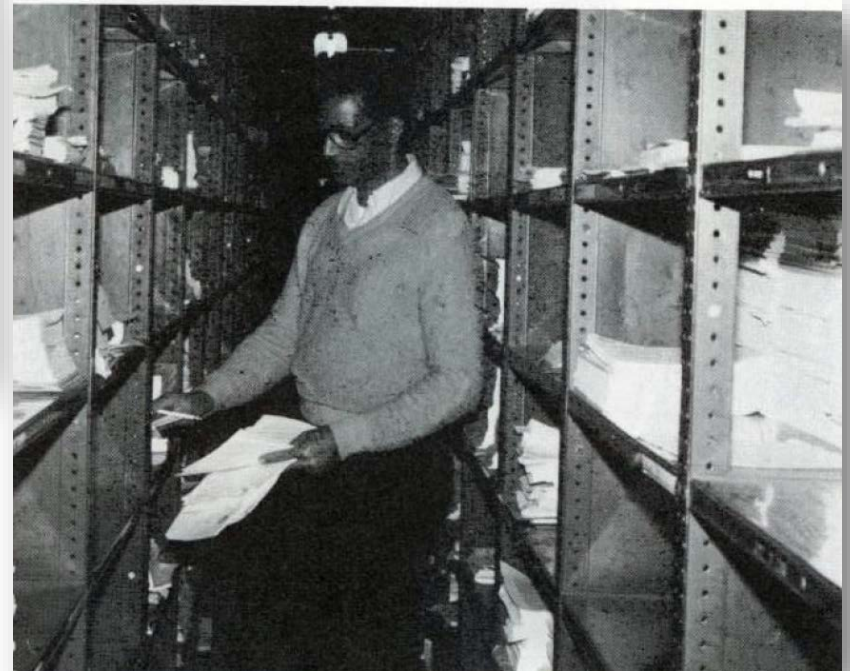
Source: USAF



The Old System Was Expensive and Time Consuming



It required a lot of storage and manpower.



Source: USAF



The Old System Required Warehouses



Source: USAF



And Equipment!



Source: USAF



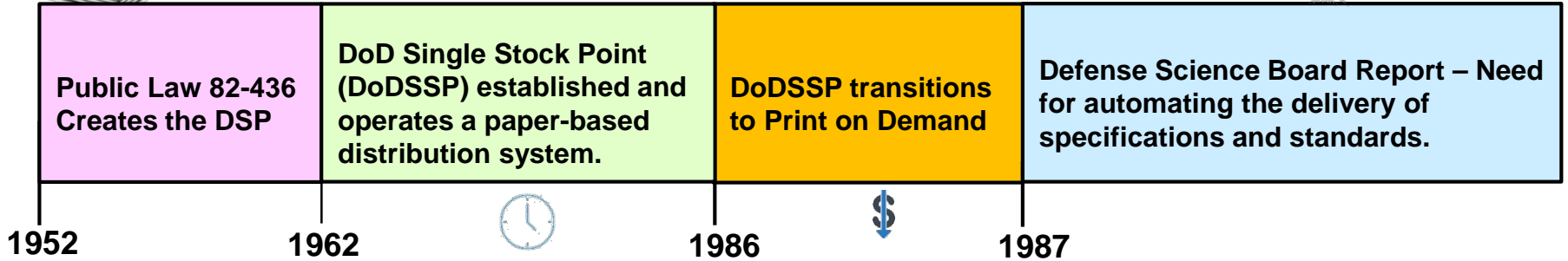
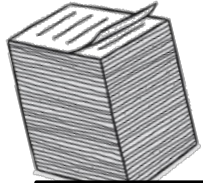
Transformation to PDF



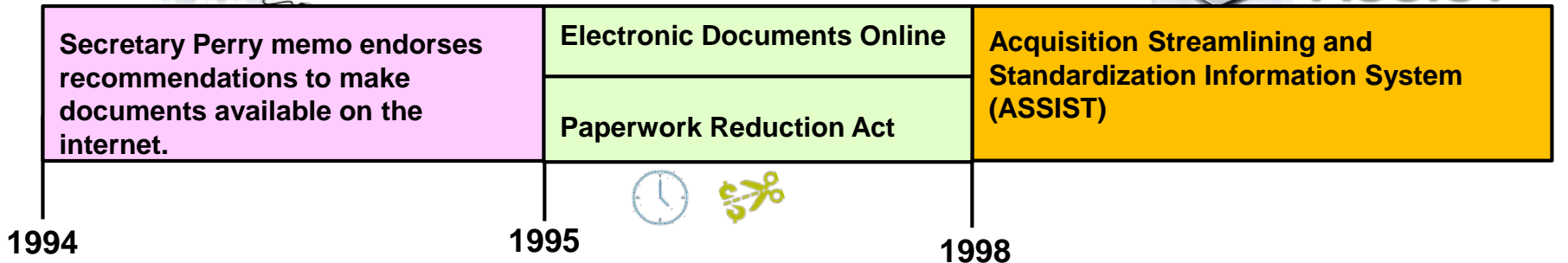
- From 1962-1986, DOD maintained several huge warehouses to stock paper copies of DSP documents.
- This system was the technology of the day, and though expensive in terms of duplication costs, manpower, and warehouse space, there were few alternatives for meeting the wide variety of customer demands.
- Portable Document File transformed our normal way of doing business paved the way to distributing digital documents on the web.



Transformation of DSP Documents



ASSIST





Today's ASSIST



Welcome to the **ASSIST**

Tuesday, April 03, 2018 | Database last updated: Apr 02, 2018

Account:

Password:

Logon **Reset**

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ASSIST Service Desk

ASSIST Updates

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System Overview

NOTICE: The assistdocs.com website has been discontinued. DSP documents cleared for public release may be accessed from [ASSIST Quick Search](#).

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Purpose of ASSIST

- **ASSIST is used by DoD and federal agency Standardization Management Activities (SMAs) to develop, coordinate and publish standardization documents prepared in accordance with DoD 4120.24 Manual**
- **ASSIST helps to maintain centralized control over the physical and electronic storage, indexing, cataloging, printing and distribution of specifications and standards used by DoD**
- **ASSIST is the official source for standardization documents developed and used by DoD**



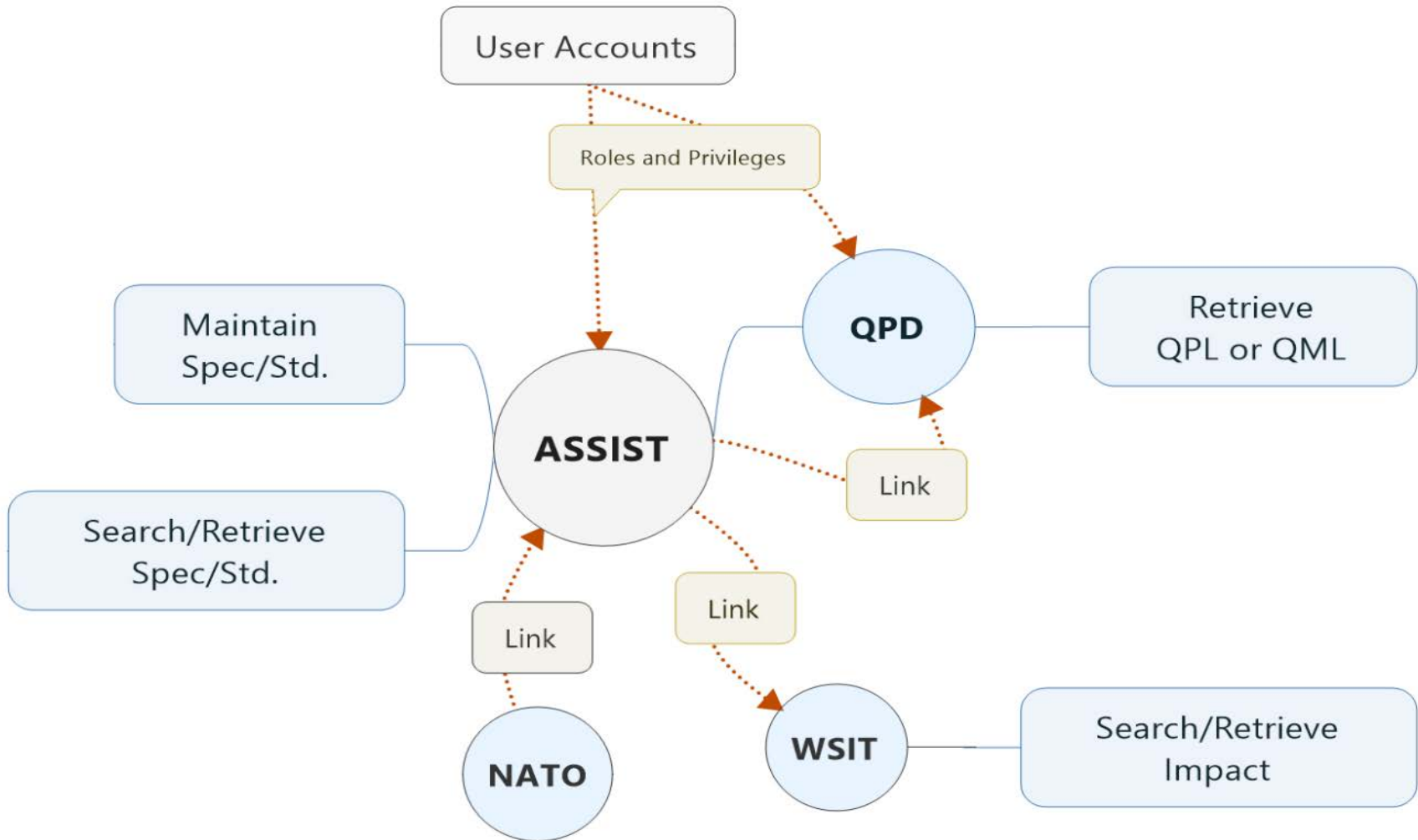
Program Management



- **DSPO**
 - As the Executive Agent for the DSP, the Director, DSPO has the primary "ownership" responsibility for the ASSIST and provides leadership direction on system functionality
- **Defense Logistics Agency (DLA), J6:**
 - DLA J67G, Electronic Data & Content Management Solutions serves as the DSPAO
 - DLA, J62-ABHB is responsible for providing automation support for the DSP, including contract and program management
- **ASSIST Sustainment Contractor**



Current ASSIST Functionality



Source: ASSIST Assessment Report (2017)



Users



ASSIST supports the needs of multiple communities.

- **Government**
- **Allies and Coalition Partners**
- **Industry**
 - DOD and Federal Government Contractors
 - Document Distributers
- **Standards Developing Organizations**
- **The Public**
- **Others**



System Statistics

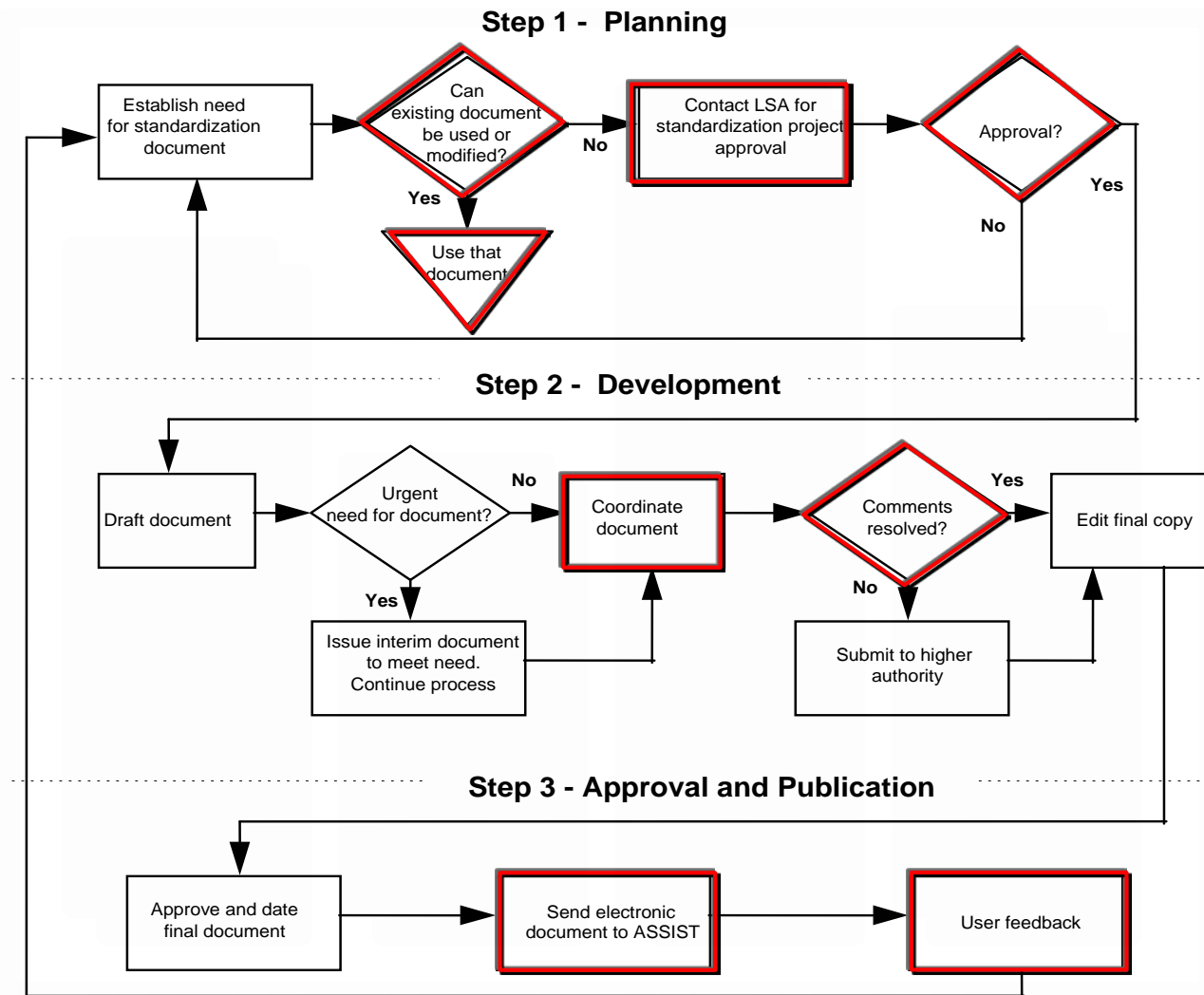


- **ASSIST provides an environment for 408 SMA personnel to draft, develop, and maintain DSP documents.**
- **System Usage:**
 - 117,806 Registered Users
 - 18,903 are active
 - ~58% are DoD personnel
 - ~42% are Commercial users
- **Document Statistics:**
 - 113,864 technical documents indexed in ASSIST
 - 222,479 PDFs associated with 86,653 documents that are available for download in ASSIST



Standardization Document Development

DoD Manual 4120.24 (Enclosure 7)





Next Generation ASSIST



What's Next for ASSIST?



**Transformation is not automatic. It must be learned;
it must be led. ~ W. Edwards Deming**

- **DOD's shift from a paper-based process required the conversion of thousands of physical documents into a digital format (PDF).**
- **The process of converting volumes of documents to PDF was quite a challenge task, but we got through it.**
- **Although the conversion of nearly 100% of DSP documents to PDF yielded greater processing efficiency, fewer risks, and lower costs, we still have a lot of work to do.**
- **DoD is committed to taking transformation a step further by transitioning from digitized documents meant for print to documents as digital data.**



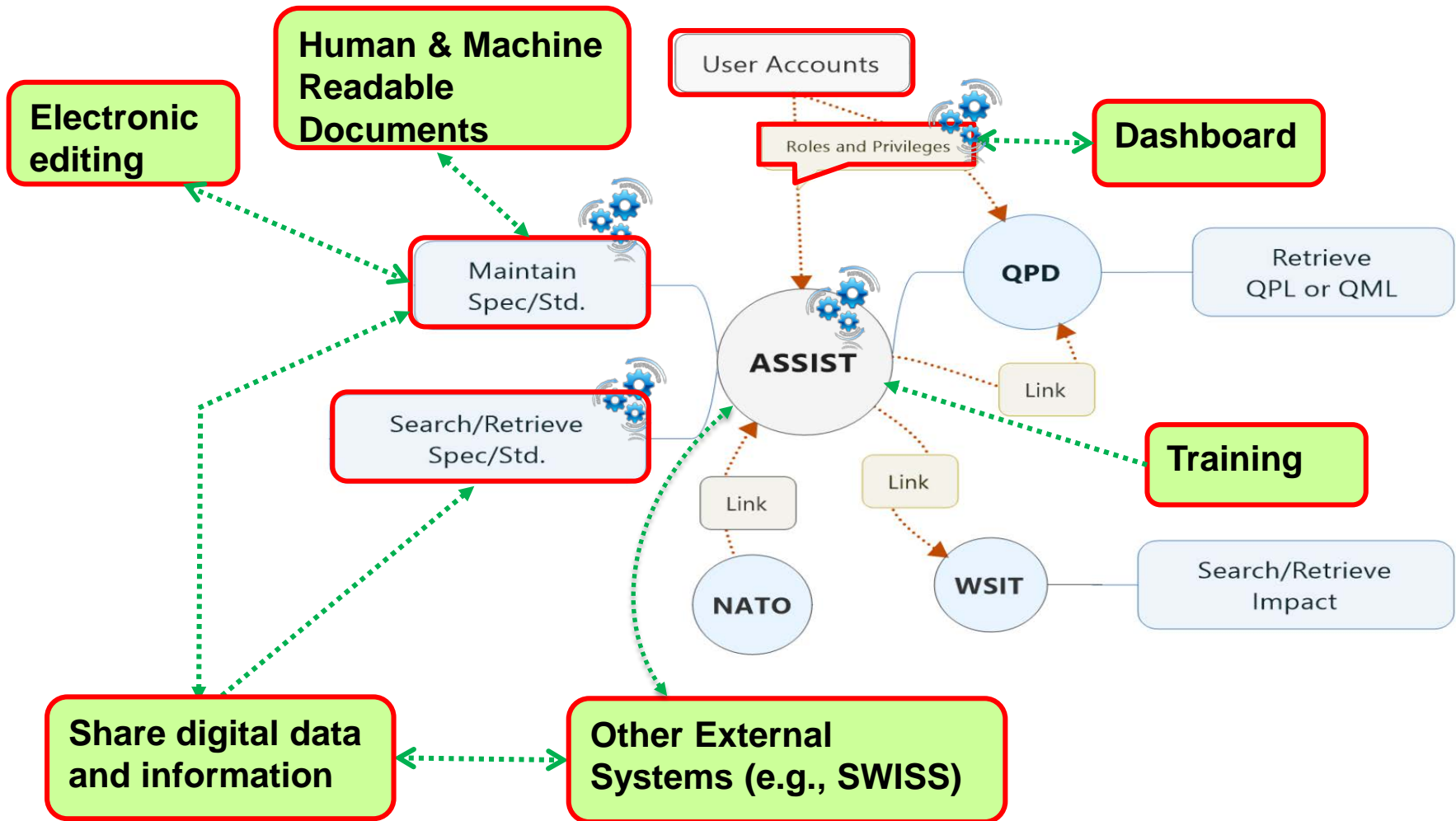
Modernization



- **ASSIST software architecture is more than 20 years old**
 - It has been “tweaked” to implement policy and procedure changes, security requirements and more
- **ASSIST stakeholders seek change**
- **Technology has advanced and it’s time to take a step back to evaluate where we are, where we want to be and where we are headed**

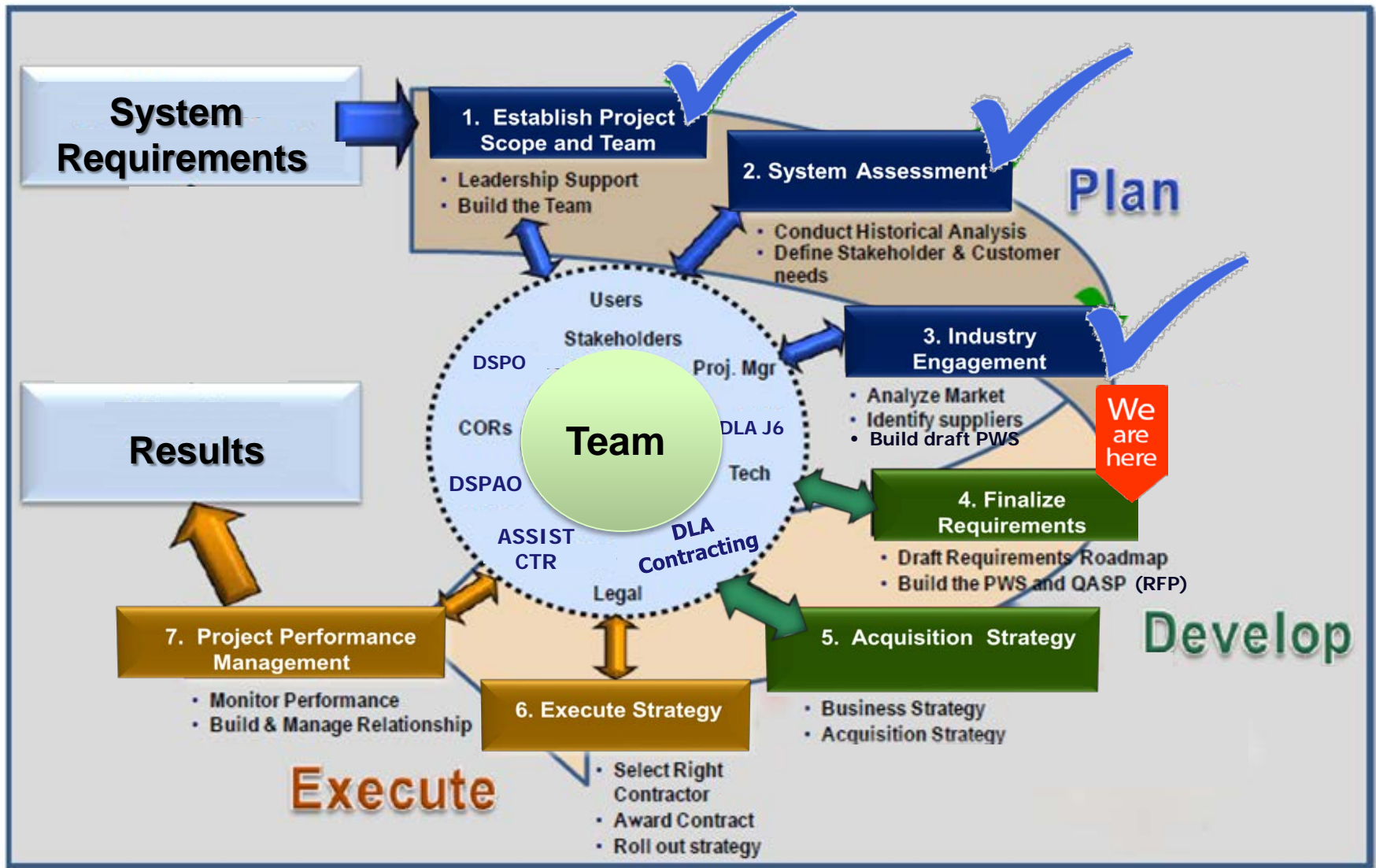


Modernization Concepts





ASSIST Modernization: Where We Are





Short-Term Goals

- **Improve engagement with ASSIST stakeholders**
 - Enhance training on DSP processes and procedures through online training modules
 - Make minor improvements to reduce DSPAO processing time, such as pre-populating fields based on response to other fields
 - Alert ASSIST users of major changes and outages
- **Express standardization documents as digital data to allow for the sharing of information and data, and changes and updates to standards**
 - Extensible Markup Language (XML) Software Procurement
 - ASSIST-SWISS (Spectacle) Integration - DLA Research and Development (R&D) Project



Long-Term Goals



- **Create an ASSIST that can expand and grow to address current and future requirements**
 - Developing a Request for Proposal (RFP) for next generation ASSIST
- **Enterprise-wide access to non-government standards**
- **Allow PAs to update documents in a digital form**
- **Distribute documents in the form of digital data**



Documents as Digital Data



- **DoD seeks to convert DSP documents to XML so they:**
 - Can be easily accessed, preserved, shared and transferred quickly
 - Are compatible with all the modes of data transfer digitally
 - Can be shared with registered and non-registered users based on the requirement and user privileges
 - Can be updated whenever required – either the meta data or the entire file
- **We foresee providing XML feeds to stakeholders, such as XSB, to allow them to transform DSP documents into digital data.**



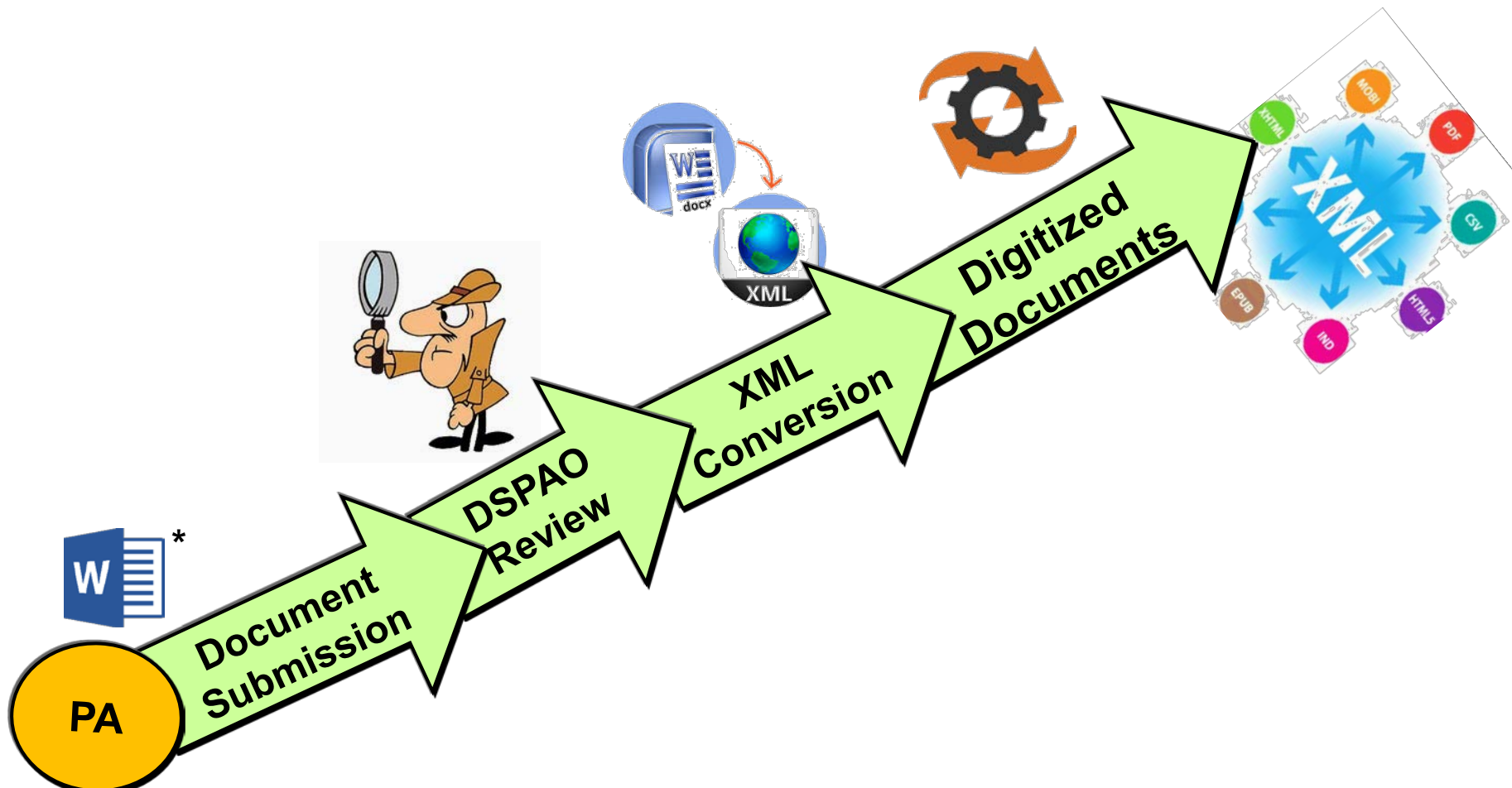
XML Project



- **Procure software to automatically convert MS Word files to XML**
- **Request PAs provide DSPO with non-PDF versions, e.g. MS Word, of their documents**
- **Convert documents to XML and transform to other digital forms using tools such as SWISS (Spectacle) or similar**



XML Project at a Glance



**MS Word and other document types*



XML Benefits



- **Present specifications and standards in a form that is most useful to users, and readable by machines**
- **XML will serve as a starting point for the transformation of DSP documents as digital data that is interconnected with other documents, related information and data, etc...**
- **Allow PA to easily share and maintain their documents and associated information**
- **Help users find and share information with just a few clicks and in less time**



XML Project: Next Step



- **Acquire software**
- **Request PAs to provide DSPO with non-PDF versions, e.g. MS Word, of their documents**
- **Communicate with PAs regarding the availability of their documents in XML**
- **Engage with ASSIST stakeholders**
- **Provide training**



Engagement with DLA Research and Development (R&D)



- **DSPO and DSPAO are working together with DLA R&D to evaluate Spectacle as the digital model for representing documents as data.**
 - The R&D Contractor converted approximately 1800 DSP documents from PDF to XML to SWISS
- **DSPO and DSPAO Role:**
 - Review and evaluate the accuracy converted DSP documents in Spectacle
 - Help determine the feasibility and benefits of navigating to and from Spectacle to ASSIST to view DSP documents in the form of digital data.
 - Facilitate user testing (CAC users)



ASSIST-Spectacle Integration



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Data updated 03 Jul 2018

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DoD Standards
and Specifications*



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ASSIST-Spectacle Integration (continued)



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What's New

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What's New

In support of a Defense Logistics Agency Research and Development(DLA R&D) funded project, the Defense Standardization Program (DSP) seeks your assistance in evaluating a new capability that links DSP documents with digital documents available in SPECTacle®. SPECTacle® is a standards browser that allows users to extract data and navigate to relevant sections and information within documents. As indicated below, there are currently 48 DSP documents available in this tool.

A-A-55485/2E	MIL-DTL-12883/48D(1)	MIL-DTL-23928/4E
A-A-59306B	MIL-DTL-12883F	MIL-DTL-23928/5C
A-A-59439B	MIL-DTL-13625G(1)	MIL-DTL-83505B
A-A-59494B	MIL-DTL-13735H(1)	MIL-DTL-83511A(2)
A-A-59697A	MIL-DTL-14055G	MIL-DTL-83513/1H(2)
AN815 REV 10	MIL-DTL-17/127D	MIL-DTL-83513/4J(2)
AN840 REV 11	MIL-DTL-17/130F(2)	MIL-DTL-83513/5H(3)
AN842 REV 13(1)	MIL-DTL-17/176E	MIL-DTL-83513/6E(5)
AN912 REV 10(1)	MIL-DTL-17/84C	MIL-DTL-83513/8F(3)
AN914 REV 11	MIL-DTL-17/93H	MIL-DTL-83513/9F(4)
AN929 REV 13(2)	MIL-DTL-17/94G	MIL-PRF-19500/323P
MIL-C-11272E	MIL-DTL-17/95F	MIL-PRF-19500/398L(1)
MIL-C-18312G	MIL-DTL-17J(1)	MIL-PRF-19500/415C
MIL-C-5G	MIL-DTL-18266C	MIL-PRF-19500/500E(1)
MIL-DTL-12606E(3)	MIL-DTL-18866J(2)	
MIL-DTL-12883/40F(2)	MIL-DTL-2036E	
MIL-DTL-12883/45D(2)	MIL-DTL-21097H	

To view DSP documents as digital documents in SPECTacle®, perform a search based on document ID number, and then click on the  icon as shown below.



Document Details

Document ID: MIL-DTL-17 Scroll down to access document images.

[Fundamentals](#)

Overview

Title: Cables, Radio Frequency, Flexible and Semirigid, General Specification for

Scope: This specification covers flexible and semirigid cables with solid and semisolid dielectric cores, with single, dual and twin inner conductors. Cables covered by this specification are primarily intended for use as transmission lines to conduct energy in a simple power transfer continuously or intermittently. In general, these cables are designed for low-loss, stable operation from the relatively low frequencies through the higher frequencies in the microwave and radar regions of the frequency spectrum. Cables may also be used as circuit elements, delay lines or impedance matching devices. These cables are supplied under a reliability assurance program as specified in section 3.

Status: Active

Doc Category: Detail Specification

Dist Stmt: See below

Document Date: 15-MAY-2017

FSC/Area: 6145

Qualification

Next Review Due: 14-MAY-2022

Chg/Correction: [11-DEC-2013](#)

References: [48](#)

Referenced By: [164](#)

Sec 6 Keywords: [7](#)

WSIT: [Weapon Systems Impact Tool](#)

Responsibilities

Lead Standardization Activity: [CC](#) DLA Land and Maritime

Preparing Activity: [CC](#) DLA Land and Maritime

Coordination: Full

Army Custodian: [CR](#) US Army Communications Electronics Command

Navy Custodian: [EC](#) Space and Naval Warfare Systems Command

Air Force Custodian: [85](#) Air Force Life Cycle Management Center - Electronic Components, Wire and Ca

DLA Custodian: [CC](#) DLA Land and Maritime

Other Custodian: [NA](#) National Aeronautics and Space Administration (NASA)

Reviewer Interest: [10](#) (indicates number of interested reviewers)

Amendments to military specifications or specification sheets issued after August 1 2003 are incorporated in the modified document

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Amendments to military specifications or specification sheets issued after August 1, 2003 are incorporated in the modified document.

Revision History

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Media	Document Part Description	Dist Stmt	Document Date	Pages	Size
	Revision J Amendment 1 (amendment incorporated)	A	15-MAY-2017	65	940.1 KB
	Revision J (all previous amendments incorporated)	A	10-FEB-2014	65	1877.5 KB
	Revision H Amendment 1 (amendment incorporated)	A	04-MAY-2011	65	1574.8 KB
	Revision H Supplement 1	A	04-AUG-2006	16	167.5 KB
	Revision H	A	19-AUG-2005	62	735.5 KB
	Revision G Amendment 3	A	08-JAN-1996	9	396.7 KB
	Revision G Amendment 1	A	07-MAR-1994	2	76.7 KB
	Revision G Supplement 1	A	09-MAR-1990	13	588.2 KB
	Revision G	A	09-MAR-1990	59	2353.7 KB
	Revision F Interim Amendment	A	05-MAY-1987	17	931.6 KB
	Revision F Amendment 2	A	18-FEB-1986	6	267.1 KB
	Revision F	A	18-JAN-1983	40	2353.0 KB

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MIL-DTL-17J w/AMENDMENT 1
15 May 2017
SUPERSEDING
MIL-DTL-17J
10 February 2014

DETAIL SPECIFICATION

CABLES, RADIO FREQUENCY, FLEXIBLE AND SEMIRIGID GENERAL SPECIFICATION FOR

This specification is approved for use by all Departments and Agencies of the Department of Defense.

Comments, suggestions, or questions on this document should be addressed to DLA Land and Maritime, Attn: VAI, P.O. Box 3990, Columbus, OH 43218-3990, or emailed to RFConnector@dla.mil. Since contact information can change, you may want to verify the currency of this address information using the ASSIST Online database at <https://assist.dla.mil>.

AMSC N/A

FSC 6145

1.. SCOPE

1.1 Scope. This specification covers flexible and semirigid cables with solid and semisolid dielectric cores, with single, dual and twin inner conductors. Cables covered by this specification are primarily intended for use as transmission lines to conduct energy in a simple power transfer continuously or intermittently. In general, these cables are designed for low-loss, stable operation



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R&D Project: Next Step



- **DSPA0 to review 300-400 standardization documents available in Spectacle**
- **DSPO to communicate with PAs regarding the availability of their documents in Spectacle to request feedback**



SWISS Initiative



- **DSPO is working together with DLA R&D to evaluate Spectacle as the digital model for representing DSP documents as data.**
 - The R&D Contractor converted approximately 1700+ DSP documents from PDF to XML to SWISS
- **DSPO and DSPAO Role:**
 - Review and evaluate the accuracy converted DSP documents in Spectacle
 - Help determine the feasibility and benefits of navigating between Spectacle and ASSIST to view DSP documents in the form of digital data.
 - Facilitate user testing (CAC users)



SWISS Initiative

cont'd



- **Spectacle provides a vehicle for DOD to transform XML versions of DSP documents into interconnected digital data**
- **EXAMPLE:**
 - Spectacle allows users to click on a reference in a DSP document that links to and opens an ASME standard, if available.
- **There can be no interconnectivity if documents aren't made available.**



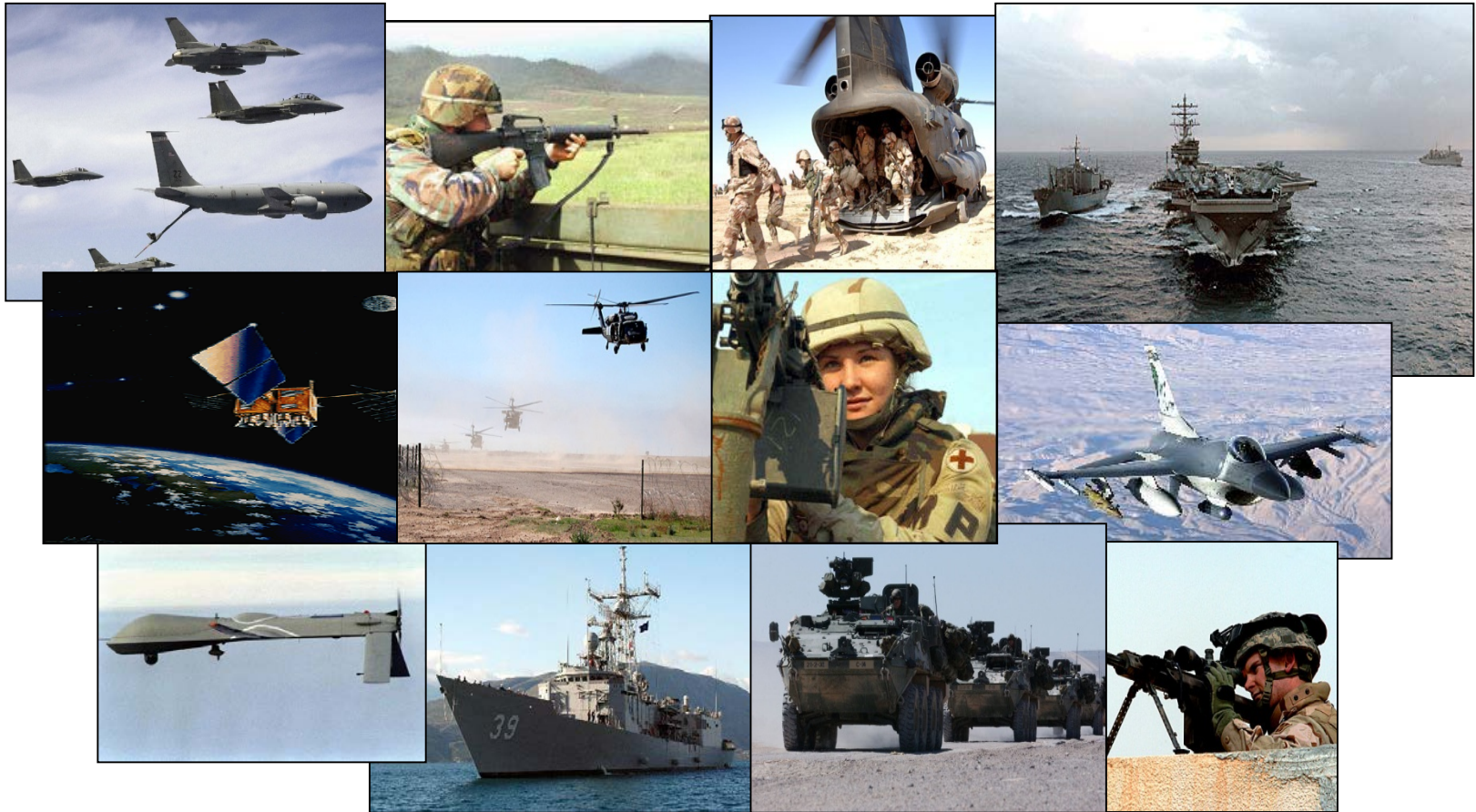
Critical Take-Aways



- **Provide XML feeds to stakeholders (e.g., XSB)**
- **Leverage the DLA R&D project to find a way to continue integrating ASSIST and Spectacle**
- **Engage with Standards Developing Organizations to resolve Intellectual Property (IP) issues**
- **Harmonize DSP procedures with best industry practices**
- **Refine DSP procedures for retrieving, distributing and maintaining DSP documents as digital data**



Questions?



Standardization – Making Systems Work Together