



# Defense Standardization Program Office (DSPO) Tools

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*October 14, 2020*



# Briefing Outline



1. DSP Policy Responsibilities

2. Framework for DSPO Tools

3. DSPO Tools

4. Critical Take Aways



# Laws and Regulation

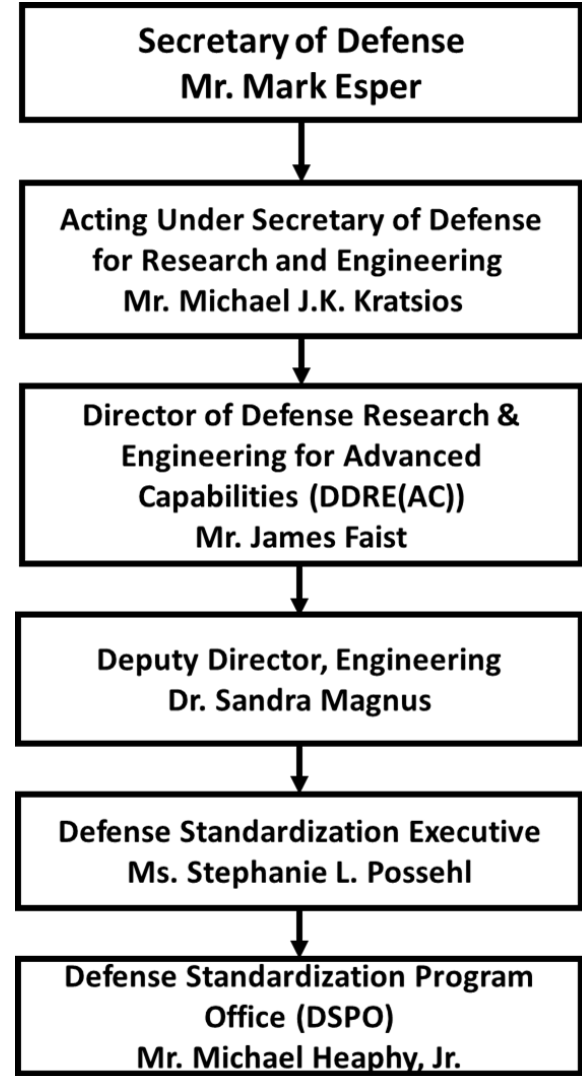
- Public Law 82-436, “Defense Cataloging and Standardization Action, July 1, 1952
  - Directs the Secretary of Defense to establish a single, unified Defense Standardization Program (DSP) in DoD
- Public Law 104-113, “National Technology Transfer and Advancement Act,” March 7, 1996
  - Preference for 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
  - Reinforces government employee’s participation in Standards Development Organizations (SDOs)



# DSP Policies and Procedures



- 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
- To access DoD issuances, visit: <https://www.esd.whs.mil/dd>





# DoD Policy Roles and Responsibilities



## DSP Management Structure

- 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**

### Centrally Managed

**Departmental Standardization Officers (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



# 1. DSP Policy Responsibilities

# 2. Framework for DSPO Tools

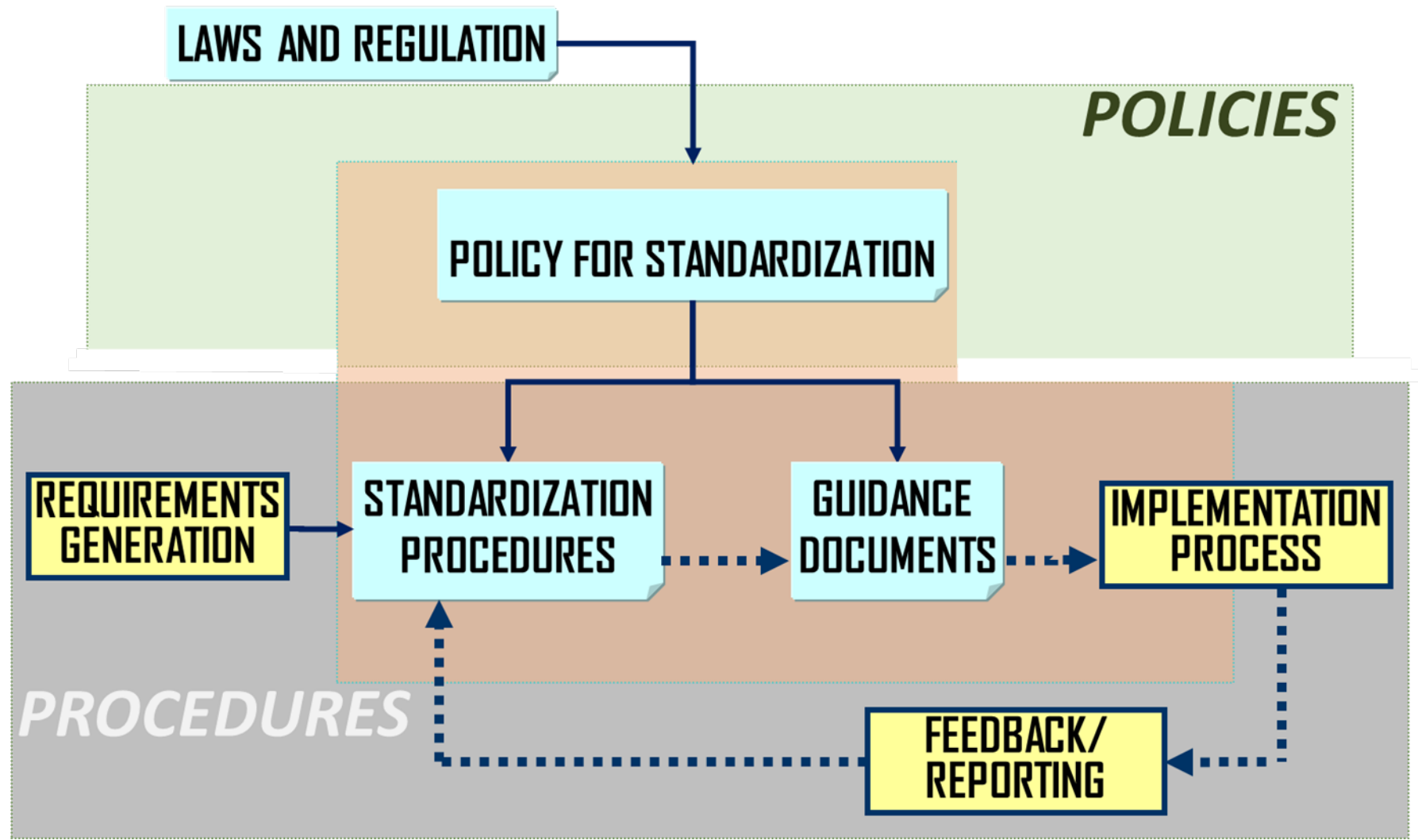
# 3. DSPO Tools

# 4. Critical Take Aways





# Framework for DSPO Tools





1. DSP Policy Responsibilities

2. Framework for DSPO Tools

3. **DSPO Tools**

4. Critical Take Aways





# DSPO Tools



- DSPO provides the DSP with tools to help standardization managers, working groups, custodians and others to effectively manage the document development process.
- These tools are designed to help the DSP provide the warfighter with equipment that is interoperable, reliable, technologically superior and affordable.
- Sampling of DSPO tools:
  - Publications and Guide Books
  - Stakeholder Engagement
  - Training
  - Document Distribution
  - Feedback

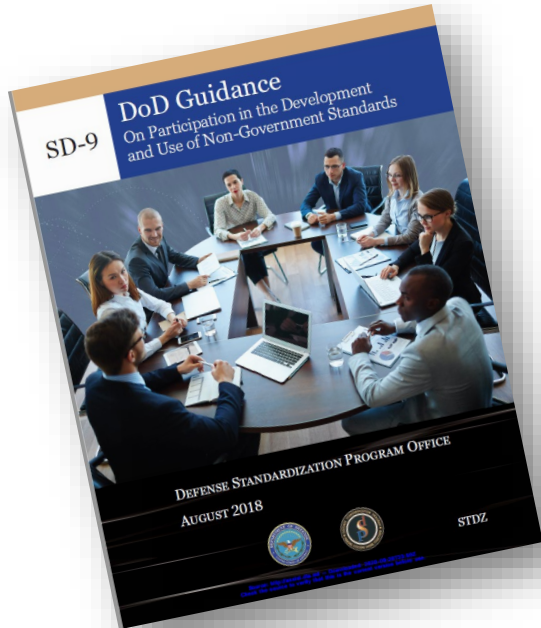




# Publications



- The DSP publishes guide books, case studies, and a journal to enable researchers, engineers, scientists, technical experts, and standardization management activities to take advantage of best practices.



Publications & Guide Books

Stakeholder Engagement

Training

Document Distribution

Feedback



# DSP Journal



DEFENSE STANDARDIZATION PROGRAM  
MAKING SYSTEMS WORK TOGETHER

- HOME
- PROGRAMS
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- PUBLICATIONS
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## What's New

### State of the DSP Virtual Conference Agenda

September 4, 2020 — The agenda for the DSP Virtual Conference, taking place on 13-14 October, is available! [MORE »](#)

### ANSI Announces World Standards Week 2020

May 12, 2020 — In light of COVID-19, The American National Standards Institute (ANSI) announces changes to the World Standards Week format and events scheduled for October 19-23, 2020. [MORE »](#)

### DSPO Launches A New Knowledge Sharing Portal

April 20, 2020 — DSPO launched a new knowledge sharing portal to engage with standardization stakeholders, and to share experiences, tools, lessons learned and ways of addressing standardization management matters within DoD's acquisition community. [MORE »](#)

### Standards Developing Organizations Combating COVID-19

April 20, 2020 — In response to the COVID-19 pandemic, many Standards Developing Organizations (SDOs) have made available medical supply and personal protective equipment (PPE) standards to the world without charge. [MORE »](#)

# Defense Standardization Program JOURNAL

## Modular Open Systems Approach, Part 1

This issue offers details of what MOSA means and what we are doing to facilitate modular approaches.

[More](#)



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# Guide Books



- Guide books are non-binding advice developed by DSPO, in consultation with stakeholders, to help DoD personnel and stakeholders comply with a particular law, regulation, policy or procedures. They issued as a Standardization-related Documents (SD).
  - SD-3 – DoD participation in NATO standardization
  - SD-9 – DoD Interaction with Standards Development Organizations (e.g., ASTM, IEEE, IEC, ISO)
  - SD-19 – Establishing effective parts management programs to reduce logistics footprint and life cycle costs
  - SD-26 – Diminishing Manufacturing Sources and Material Shortages (DMSMS) contract language

Publications &  
Guide Books

Stakeholder  
Engagement

Training

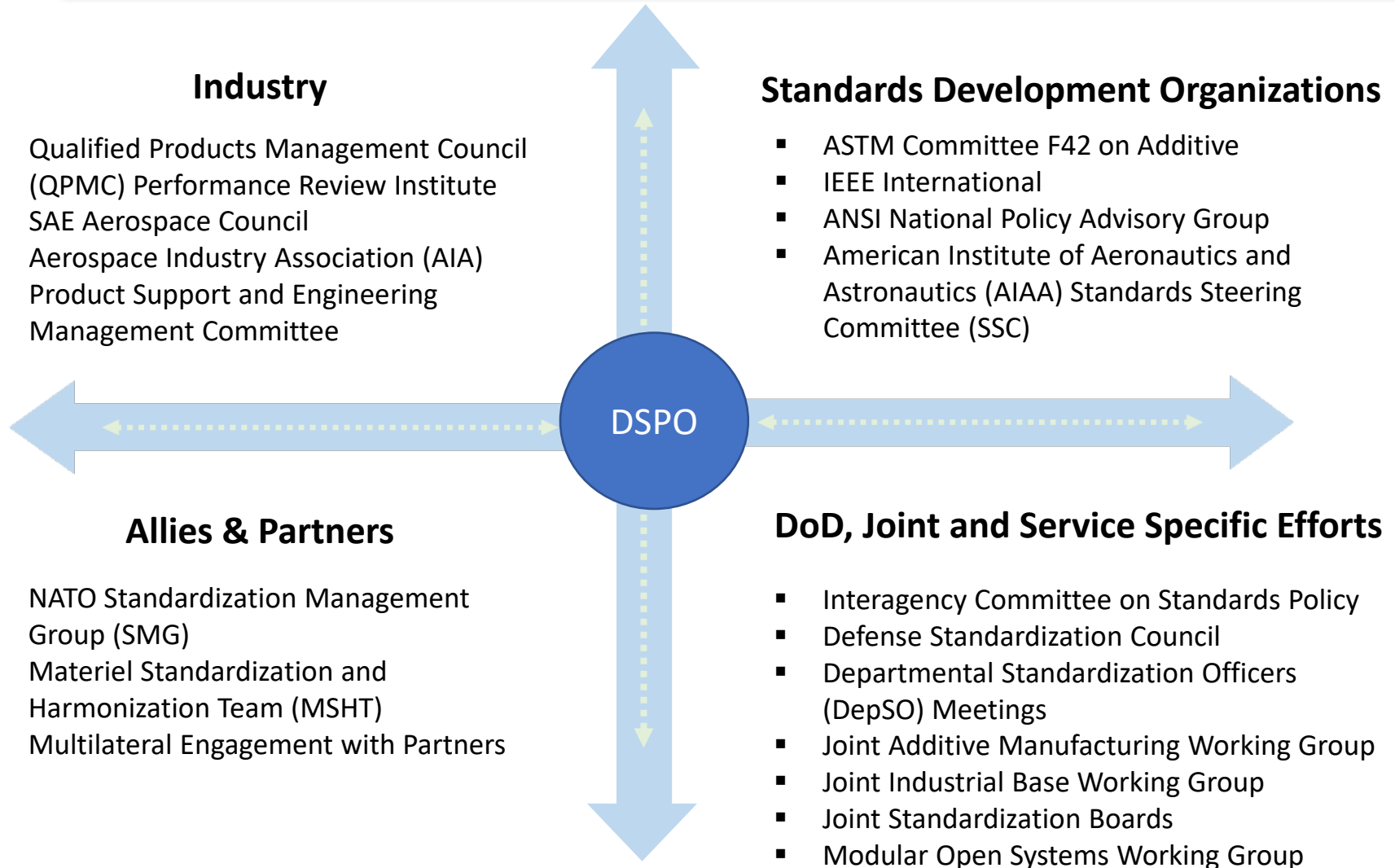
Document  
Distribution

Feedback





# Stakeholder Engagement





# Stakeholder Engagement Tools



## Public-Facing Websites

- <https://www.dsp.mil>
- <https://ac.cto.mil/dsp>
- <http://www.gidep.org>

## Team Sites (Approval Required)

- DepSO  
<https://www.dau.edu/team/depso>
- Defense Standardization Roundtable  
<https://www.dau.edu/team/dsr>
- DMSMS  
<https://www.dau.mil/team/dmsms>
- Parts Management  
<https://www.dau.edu/team/pmwg>

## Social Media



@DoD\_DSP



<https://www.linkedin.com/in/DSPO>

## Knowledge Sharing Portals

- Defense Standardization  
<https://www.dau.edu/cop/dsp>
- Parts Management  
<https://www.dau.edu/team/pmwg>
- DMSMS  
<https://www.dau.mil/cop/dmsms>

Publications &  
Guide Books

Stakeholder  
Engagement

Training

Document  
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Feedback





# Training



- Defense Acquisition University (DAU)
  - CLE 028, Market Research for Engineering and Technical Personnel
  - CLE 064, Standardization in the Acquisition Life Cycle
  - CLE 065, Standardization Documents
  - CLL 200, DMSMS: What Program Management Needs to Do and Why
  - CLL 201, DMSMS Fundamentals
  - CLL 206, Introduction to Parts Management Workshops and Conferences
- Webinars and Virtual Training
  - Standardization Policy and Procedures
  - User Training on DSPO Information Systems (e.g., ASSIST)
- Conferences and Workshops
  - DSPO conferences, and workshop proceedings

Publications &  
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Feedback



# Document Distribution

- DSPO provide information systems and online database tools to distribute standardization documents developed and used by DoD
  - ASSIST—<https://assist.dla.mil>
  - Qualified Products Database (QPD)—  
<https://assist.dla.mil> or <http://qpldocs.dla.mil>
  - Weapons System Impact Tool (WSIT)—  
<https://wsit.xsb.com>





# Purpose of ASSIST



- Helps DoD to maintain centralized control over the physical and electronic storage, indexing, cataloging, printing and distribution of specifications and standards used by DoD
- It is used by DoD and federal agency Standardization Management Activities to develop, coordinate and publish standardization documents prepared in accordance with DoDM 4120.24
- Provides users that span the globe with access to requirements documents, and defense specifications and standards used in acquisitions
- Access point to the Weapon System Impact Tool (WSIT), and Qualified Products Database (QPD)

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<https://www.dsp.dla.mil>





Welcome **Sam Wilson**

Data updated September 28, 2020

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*The Official Source of  
DoD Standards  
and Specifications*



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## Document Details

**Document ID:** MIL-STD-810    Scroll down to access document images.

[Fundamentals](#)

### Overview

**Title:** Environmental Engineering Considerations and Laboratory Tests

**Scope:** This Standard contains materiel acquisition program planning and engineering direction for considering the influences that environmental stresses have on materiel throughout all phases of its service life. It is important to note that this document does not impose design or test specifications. Rather, it describes the environmental tailoring process that results in realistic materiel designs and test methods based on materiel system performance requirements. Figure 1-1 summarizes this direction.

**Status:** Active

**Doc Category:** Military Standard - Test Method Standard

**Dist Stmt:** See below

**Document Date:** 31-JAN-2019

**FSC/Area:** ENVR

**Next Review Due:** 30-JAN-2024

**Chg/Correction:** [20-SEP-2013](#)

**References:** [21](#)

**Referenced By:** [1566](#)

**Intl Agreement:** [STANAG-4370](#)

**Sec 6 Keywords:** [25](#)

**Implements ISAs:** [11](#)

**DID:** [DI-ENVR-82121](#)

**WSIT:** [Weapon Systems Impact Tool](#)

### Responsibilities

**Lead Standardization Activity:** [TE](#) Army Test and Evaluation Command (ATEC)

**Preparing Activity:** [TE](#) Army Test and Evaluation Command (ATEC)

**Coordination:** Full

**Army Custodian:** [TE](#) Army Test and Evaluation Command (ATEC)

**Navy Custodian:** [AS](#) Naval Air Systems Command

**Air Force Custodian:** [11](#) Air Force Life Cycle Management Center - Aircraft Systems

**Reviewer Interest:** [19](#) (indicates number of interested reviewers)

**Changes to military standards or handbooks issued after August 1, 2003 are incorporated in the modified document.**

### Revision History

Show All     Show Current Only

Media	Document Part Description	Dist Stmt	Document Date	Pages	Size
	Revision H	A	31-JAN-2019	1089	34845.4 KB





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Data updated: 28 Sep 2020.

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Standards to combat COVID-19, please check the Defense Standardization Program website located at <https://www.dsp.dla.mil/Specs-Standards/COVID-19-Related-Standards/>.

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Account questions (registering, login, unlocking, password reset, etc.), document search, QPD, etc.

215-737-8000



**Enterprise Help Desk**  
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Questions pertaining to the web server, timeouts, site access, etc.

1-855-352-0001



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# DSPO Website



## DEFENSE STANDARDIZATION PROGRAM MAKING SYSTEMS WORK TOGETHER

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### Standards Developing Organizations Combating COVID-19

### Defense Standardization Program (DSP)

The DSP aims to improve military operational readiness by achieving interoperability with U.S. allies and among the Military Departments; improving logistics support, modernizing existing systems and equipment, and ensuring relevance of standards to the warfighter.

<https://www.dsp.dla.mil>





# On the Horizon



- ASSIST modernization
- Documents as digital data
  - DSPO is evaluating XML software applications to convert standardization documents to digital data
- Identify mandated standardization documents in ASSIST
  - Link standardization documents housed in ASSIST with data and information contained within SD-21, “Listing of Specifications and Standards Mandated for Use By the Department of Defense by Public Laws or Government Regulations”
  - Federate across ASSIST and the DoD Information Technology Standards Registry (DISR)



1. DSP Policy Responsibilities

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# Critical Takeaways



## DSPO Provides Tools to Support the DSP

INFORMATION SYSTEMS & JOB AIDS	TRAINING AND EDUCATION	JOINT AND SERVICE SPECIFIC EFFORTS	COALITION EFFORTS	STANDARDS DEVELOPMENT ORGANIZATIONS
<ul style="list-style-type: none"> <li>• ASSIST document database and workflow tool</li> <li>• Guidance Documents – Series of SDs</li> <li>• Government Industry Data Exchange Program (GIDEP)</li> <li>• Diminishing Manufacturing Sources and Material Shortages (DMSMS) Knowledge Sharing's Portal</li> <li>• Weapon System Impact Tool (WSIT)</li> <li>• PINPOINT</li> <li>• Knowledge Sharing Portal</li> <li>• Team Sites</li> </ul>	<ul style="list-style-type: none"> <li>• Defense Standardization Workshop</li> <li>• DAU Led Courses</li> <li>• Webinars</li> <li>• Continuous Learning Modules</li> <li>• Defense Standardization Program Journal</li> <li>• DSPO Led Courses</li> <li>• Case Studies</li> <li>• Industry Conferences               <ul style="list-style-type: none"> <li>• AIA</li> <li>• DMSMS</li> <li>• ARSSG</li> </ul> </li> <li>• International Standardization Workshop</li> </ul>	<ul style="list-style-type: none"> <li>• Defense Standardization Council</li> <li>• Joint Standardization Boards</li> <li>• Annual Defense Standardization Program Awards</li> <li>• Parts Management &amp; Qualification</li> </ul>	<ul style="list-style-type: none"> <li>• <b>NATO</b> – operational, materiel, and administrative standards</li> <li>• <b>MSHT</b> - Materiel Standardization Harmonization Team</li> <li>• <b>ABCANZ</b> - Australia, Britain, Canada, America, New Zealand – mostly land based standards</li> <li>• <b>AUSCANZUKUS</b> - Australia, Canada, New Zealand, United Kingdom, USA – mostly naval standards</li> <li>• <b>5 Eyes AFIC</b> - Air Force Interoperability Council</li> <li>• <b>CCEB</b> - Combined Communication Electronics Board</li> </ul>	<ul style="list-style-type: none"> <li>• <b>ANSI</b> - American National Standards Institute</li> <li>• <b>ISO</b> – International Standards Organization</li> <li>• <b>IEC</b> – International Electrotechnical Commission</li> <li>• <b>ASTM International</b></li> <li>• <b>SAE International</b> - Society of Automotive Engineers</li> <li>• <b>AIA</b> – Aerospace Industries Association</li> <li>• <b>AIAA</b> – American Institute of Aeronautics and Astronautics</li> <li>• <b>IEEE</b> – Institute for Electrical and Electronic Engineering</li> </ul>







# Questions?



*Standardization – Making Systems Work Together*



# Contact Us

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# ASSIST Key Features



--- Interfaces