



Non-Government Standards (NGS) Program Update

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State of the DSP Conference –
Virtual | October 13, 2020



Background on DoD's NGS Program

- Provides guidance for implementing federal and DoD policy
- Establishes procedures for participation with Standards Developing Organizations (SDO's)
- Provides guidance on use of NGS vs Military Unique
- Fosters relationships with SDO's so they might better understand our needs

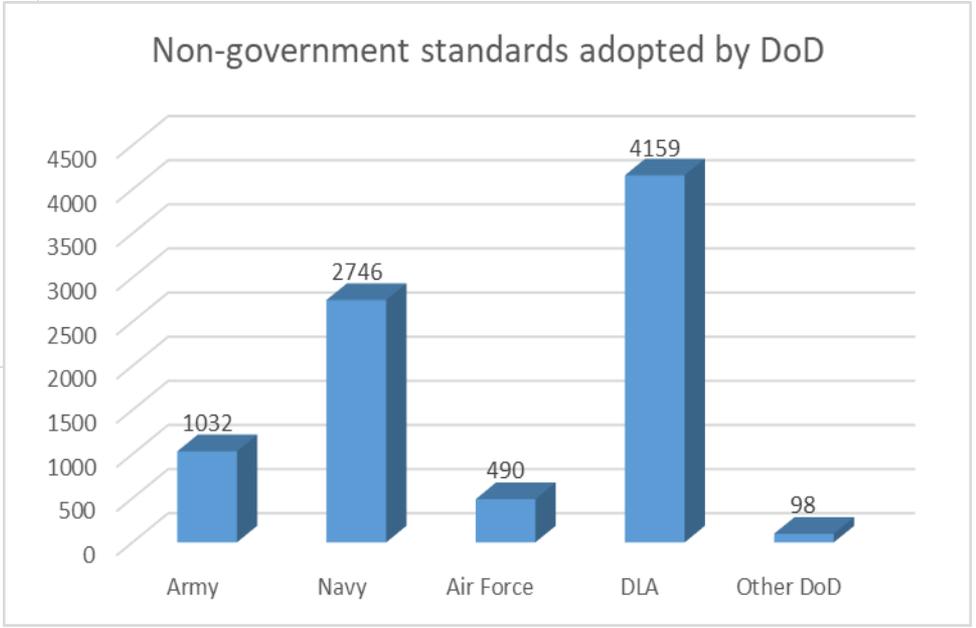
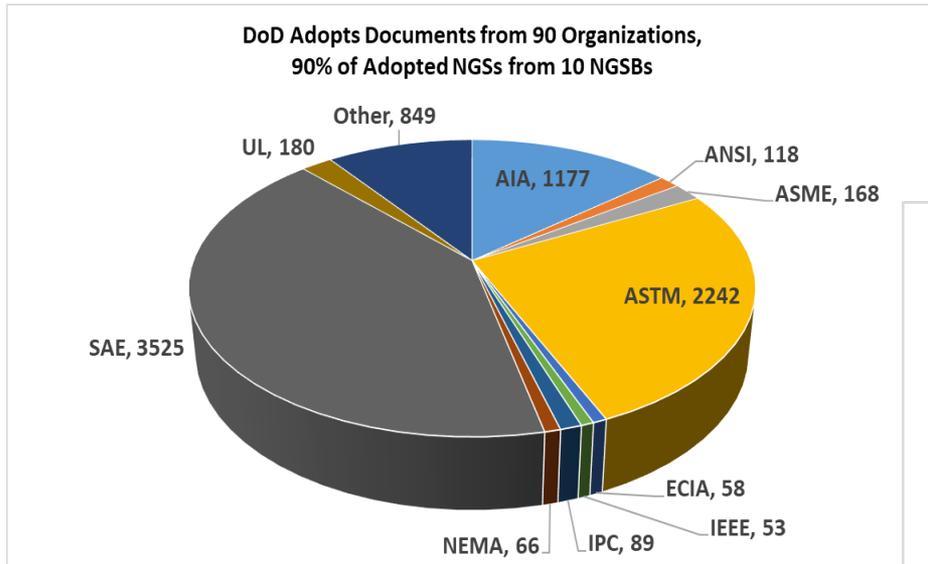


Background (Con't)

- DoD has had a long history with SDO's
- Began promoting use of NGS in 1962
- The 1980's saw an expansion of policies directed at using NGS
- 1990's- 2000's policies were strengthened to ensure NGS usage over military unique
- We've made tremendous strides in both development and adoption of NGS



Current SDO's and NGS's adopted by DoD





How ASSIST supports NGS Adoption

The screenshot shows the ASSIST web application interface. At the top, there is a navigation bar with the ASSIST logo and a search bar. Below this, the 'Document Details' section is visible, showing the document ID 'SAE-AMS-STD-595'. The 'Overview' section provides a title, scope, status, adoption date, and next review due date. The 'Responsibilities' section lists lead standardization activity, adopting activity, coordination, and various custodians. The 'Revision History' section includes a table with columns for Media, Document Part Description, Dist Stmt, Document Date, Pages, and Size. At the bottom, there is a footer with a warning about unauthorized access to the system.

SAE-AMS-STD-595

TIER II ADOPTION NOTICE
COLORS USED IN GOVERNMENT PROCUREMENT

SAE-AMS-STD-595, "Colors Used in Government Procurement," was adopted on February 14, 2017, for use by the Department of Defense (DoD). Proposed changes to the standard by DoD activities must be submitted to the DoD Adopting Activity at Defense Standardization Program Office, 8725 John J. Kingman Road, Stop 5100, Fort Belvoir VA 22060. To request the addition of new colors, please send a paint sample (on an acceptable substrate) to the SAE contact below. The new sample paint color will be provided to the SAE paint manufacturer. A drawdown that exactly matches the sample sent will be created. SAE will send a proof for your acceptance and, once approved, will add the color and CIELAB data to their standard. The accepted proof would be appropriately stored and used as the standard for creating product in the future. The standard and all related color media may be obtained from www.sae.org or SAE International Customer Service, 400 Commonwealth Drive, Warrendale PA 15096.

SAE Contact:
SAE International
Mr. Logen Johnson, Aerospace Standards Engineer
1200 G Street, NW
Suite 800
Washington, DC 20005
724-272-0495
logen.johnson@sae.org
www.sae.org

Custodians
Army – AT
Navy – AS
Air Force – 11

Adopting Activity:
OSD-SO
(Project 8010-2016-003)

Review Activities
Army – TE
Navy – NU, SA
DLA – CC

NOTE: The activities listed above were interested in this document as of the date of this document. Since organizations and responsibilities can change, you should verify the currency of the information above using the ASSIST Online database at <https://assist.dla.mil>

AMSC N/A FSC 8010



Current Initiatives Underway

- Enterprise-wide Access to Non-Government Standards via ASSIST
- Services/Agency Consolidation of Non-Government Standards Access
- Removal of waiver process as dictated by Sec 875 b(2), FY17 NDAA



Enterprise-wide Access to NGS

- Effort underway since 2013-
- Renewed effort based on FY 17 NDAA, sec. 875
 - “LICENSES.—The Under Secretary of Defense for Acquisition, Technology, and Logistics shall negotiate licenses for standards to be used across the Department of Defense and shall maintain an inventory of such licenses that is accessible to other Department of Defense organizations.”
- 15 Aug 2017 USD(AT&L) Memo to SAEs and DLA
 - “develop a plan in coordination with the Defense Standardization Program Office...This plan should consolidate access agreements, leverage existing agreements, or employ other feasible approaches to provide our technical experts with the most current information in the most affordable manner, while respecting all parties’ intellectual property interests.”



Priorities for NGS Access

- Getting access to NGS for those that need it
 - Activities do not have the documents they cite/need
- Address illegal sharing
- Cost savings through consolidated/centralized management
- Meet statutory requirements to “inventory” and “negotiate” for access to NGS (Sec. 875, FY17 NDAA)



Courses of Actions (COA)

- COA A: Services/Agencies develop independent consolidation plans,
 - ✓ Must show consolidation
 - ✓ Should define end-state, and path to achieve
- COA B: develop FY20 POM issue paper for DoD-wide consolidation—



Status

- **COA A** (*Services and DLA continue consolidation efforts*)
- Services and DLA are identifying current contracts and future needs.
- Services and DLA have consolidated contracts based on POP of current contracts

- **COA B** (*FY20 POM Issue paper for DoD-wide consolidation*)
- Status: Failed
- Forwarded to the Reform Management Group (OCMO)
- Determined not to be a good fit based on scope-
- Planned to POM in FY 23 POM Cycle



Removal of Waiver Process

- Subsection (b)2 of Section 875 of the FY17 NDAA *establish a waiver requirement for when military-unique specifications are used (instead of commercial or non-Government specs). This waiver must be approved by the milestone decision authority.*
- DSPO proposed striking the waiver, and continue with the existing review process that DoD already employs
- As a stop-gap, the USD(A&S) issued a memo granting a waiver for the use of approved military standard specifications until this waiver requirement can be removed.



Removal Of Waiver Process (Con't)

- DSPO has been working to remove the waiver from sec 875 (b)2 FY 17 NDAA for several years.
- In FY 2020, submitted proposal #65 which was approved by Legislative Review Panel (LRP) and submitted to OMB, where it stalled.
- In FY 2021 cycle submitted proposal #339 which was approved by the LRP, and approved by OMB, and sent to Congress for consideration on April 7th where it stalled again.
- We have been approved to resubmit the proposal through Acting USD R&E for the FY2022 cycle.



Way Forward

- Continue to work with OSD to remove waiver requirement.
 - There are no known defenders/proponents of Sec. 875(b)2 of the FY17 NDAA remaining on Congressional staff.
 - No Interagency concerns revealed in coordination during coordination through OMB
 - The program's policies and procedures over the past 20 years have proved current practice has reduced reliance on military specifications.
 - Military Departments and Defense Agencies fully support proposal.



For Additional Information

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BACK-UP MATERIAL



Overview of the DoD Plan



- **Accelerate** – Hasten DoD’s adoption of 5G
 - At-scale test facilities that enable rapid experimentation & dual-use application prototyping
- **Operate Through** – Ensure that US forces can operate through wherever and whenever we deploy
 - Dynamic spectrum utilization
 - “Zero Trust” architectures
- **Innovate** – Enhance 5G technology and invest in future “Next G” technologies
 - There is no finish line.



Source: DARPA

Augmented & Virtual Reality



Smart Warehouse



Source: DARPA

Dynamic Spectrum Utilization