MIL-STD-882E: DoD Joint System Safety Standards Working Group (JSSSWG)

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- The Defense Standardization Executive (DSE) in consultation with the Defense Standardization Council (DSC) made the decision on 10 February 2021 to establish and charter the Joint System Safety Standard Working Group (JSSSWG)
- Per request of the Defense Standardization Program Office (DSPO), the DoD Acquisition Environment, Safety, and Occupational Health Integrated Product Team developed the JSSSWG Charter
- The JSSSWG Charter was approved by the DSE on 17 September 2021

Duration

This Charter becomes effective upon signature. The Charter remains active and reviewed annually or as major changes occur. Appendices A and B are updated when there are changes to the POA&M and membership. Subject to a final determination by the DSC, conditions for termination of the WG are as follows:

- · Stated objectives have been accomplished
- · Functions are assumed by another entity

Signature: Date:

Stephanie L. Possehl Director, Engineering Policy & Systems Office of the Under Secretary of Defense (Research & Engineering) and Defense Standardization Executive

JSSSWG Organizational Structure

Composed of co-chairs with voting and non-voting members

VOTING MEMBERS		
SERVICE	ORGANIZATION	
Office of the Secretary of Defense	OUSD(A&S) / ODASD(E&ER) OUSD Personnel & Readiness (P&R) / ODASD(Readiness) OUSD Research & Engineering (R&E) / Systems Engineering and Architecture, Specialty Engineering Directorate.	
Army	Office of the United States Assistant Secretary of the Army (OASA) for Acquisition, Logistics, and Technology (ALT) DEVCOM Armaments Center	
Marine Corps	Marine Corps Systems Command (MARCORSYSCOM)	
Navy	Assistant Secretary of the Navy (ASN) Research, Development and Acquisition (RDA) / Deputy Assistant Secretary of the Navy (DASN) for Research Development Test and Engineering (RDT&E)	
	Office of the Assistant Secretary of the Navy (Energy, Installations and Environment) (OASN EI&E) / Office of the Deputy Assistant Secretary of the Navy (ODASN) (Environment)	
Air Force	Secretary of the Air Force (SAF)/ Science, Technology, and Engineering Leadership (AQR), Lead Standardization Agency Air Force Materiel Command (AFMC/SES) Preparing Activity	
Space Force	Systems and Missile Systems Center (SMC)/ECS	
United States Special Operations Command (USSOCOM)	USSOCOM AT&L	
Missile Defense Agency (MDA)	MDA/QSS	

Co-Chairs:

- ODASD (Environment & Energy Resilience)
- OUSD (Research & Engineering) Specialty Engineering

SERVICE	ORGANIZATION
	OUSD Research & Engineering (R&E)/
Office of the Country of Defense	Systems Engineering and Architecture, Specialty Engineering Directorate.
Office of the Secretary of Defense	Department of Defense Explosives Safety Board
Army	Office of the Director of Army Safety (ODASAF)
Marine Corps	Marine Corps Systems Command (MARCORSYSCOM)
Navy	Department of Navy Acquisition Safety Steering Committee
	Air Force Safety Center/Space Safety Division (AFSEC/SES)
	Air Force Materiel Command (AFMC/SES)
Air Force	Preparing Activity
Space Force	Space and Missile Systems Center (SMC)/DCE
Missile Defense Agency	GMD Safety Division
	Joint Human Systems Integration
	Joint Weapon Safety Work Group Joint Services
Specialty Workgroups (WG)	Software System
	Authorities
	Office of Chief Digital Artificial Intelligence Officer (OCDAO)
	intelligence officer (ocono)



JSSSWG Objectives/Responsibilities

- Review and update DoD system safety requirements contained in MIL-STD-882E
- Consider Non-Government Standards (NGSs) containing a system safety for adequacy in meeting DoD needs for a standard practice
- Assess and recommend a system safety standard that complies and aligns with DoD acquisition and sustainment policies
- Recommend solutions to the DSPO and DSC
 - Adopt system safety NGS(s)
 - Cancel MIL-STD-882E
 - Revise MIL-STD-882E leveraging from other standards and guides

Joint System Safety Standards Working Group (JSSSWG) Charter Objective

The Joint System Safety Standards Working Group (JSSSWG) is to update requirements currently contained in Defense Standard (MIL-STD)-882E, "Department of Defense Standard Practice System Safety," dated May 2012. Prior to updating the requirements, the JSSSWG will consider Non-Government Standards (NGSs) on system safety for adequacy in meeting Department of Defense (DoD) needs and recommend solutions to the Defense Standardization Council (DSC). The JSSSWG will recommend whether to revise MIL-STD-882, cancel MIL- STD-882 and adopt an updated system safety NGS, or replace some material in MIL-STD-882 with references to adopted NGSs. If it is determined MIL-STD-882E requires a revision, the JSSSWG will be responsible for drafting the update.

- MIL-STD-882E w/ CHANGE-1 with Civilian Harm Mitigation and Response (CHMR)
 - Issued of MIL-STD-882E w/CHANGE-1 in Sept 23, which Met CHMR Action Plan Phase 1 Actions
 (FY23)
- Non-Government Standards (NGSs) Review and Determination
 - Developed draft Request For Information (RFI) to NGS Bodies (NGSBs)
 - RFI will query on interest and capability to: develop an NGS standard, revise an existing standard to meet DoD needs, creation of a DoD Annex to an existing NGS, or hybrid combination of multiple documents, to include a handbook
 - Built the NGSBs list
 - RFI to NGSBs to be Released



Current Actions in Progress (Continued)

Technical Working Group (TWG) Gap and Priority Assessment of MIL-STD-882E

- TWG Led by Air Force and Navy
- Assessment prepared by the TWG, consisting of non-voting members appointed by each Voting member, along with Specialty Working Groups serving as subject matter experts (SMEs) in their respective areas.
- Compiled a list of gaps and assigned priorities to update MIL-STD-882E
 - identifies potential discrepancies between the current state of the standard and the desired outcomes for its next updates
 - prioritizes high-impact areas that require immediate attention to significantly improve the standard in future updates
 - provides high-level corrective actions for each identified gap, (purpose of the review meetings is not to evaluate the correctness of these actions)

- Sixty-two (62) Gaps were identified
- Gaps and Priority Assessment will be discussed with JSSSWG Voting Members at Review meetings
- Draft Review and Voting Process Rules have been developed
 - established rules that will be followed by the JSSSWG Voting Members
- Six (6) Review Meetings have been Scheduled August-October 24

Retention and Revision of MIL-STD-882E

- If recommended by the JSSSWG and approved by the DSC
- Air Force, preparing activity, will do incremental preparation, staffing, and publication of MIL-STD-882F
- Determine next increment, MIL-STD-882G



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