

**21 April 2021**

**NDIA Systems Engineering Division (SED) Meeting  
Environment, Safety, and Occupational Health (ESOH)  
Committee Report**

**Industry Chair: Mr. Tim Sheehan, Raytheon Corporation**  
**Government Liaison: Mr. Sherman Forbes, SAF/AQRE**



# ESOH COMMITTEE GOAL & OBJECTIVES

# Goals & Objectives

- **Ensure management of Environment, Safety, and Occupational Health (ESOH) Risks and Requirements recognized as one of the Systems Engineering specialty engineering areas**
- **Explore current DoD and Defense Industry ESOH priorities and focus areas**
  - **Integration of ESOH risks and requirements management into Digital Engineering (DE) / Model Based Systems Engineering (MBSE)**
  - **Tailoring ESOH management to the new DoD Adaptive Acquisition Framework Pathways - "speed with discipline"**



# **ESOH COMMITTEE MEETING**

## **17 FEBRUARY 2021**

# Presentations



- **Presentation by Margaret Proul of Lockheed Martin – “Chemical Stewardship Program: Reducing Risk through the Sustainable Management of Chemical Substances and Materials”**
- **Presentation by Michael Vinarcik of SAIC -“Using SysML State Machines to Automatically Conduct Failure Modes and Effects Analysis”**

# Attendance



**Total 45:**

	AF	Navy	Army	USMC	OSD	DCMA	Industry
Number per Organization	9	10	5	0	3	1	17
% per Organization	20	22	11	0	7	2	38



# **ESOH COMMITTEE MEETING**

## **21 APRIL 2021**

# Meeting Information



- **2:30 PM to 4:00 PM**
  - **Audio: Dial-in - 800-300-3070, Access Code - 645 999 200#**
  - **APAN (Slides):**  
**<https://connect.apan.org/ndia-esoh-committee/>**
- **Topics:**
  - **Presentation on integrating ESOH engineering into Product Support Activities**
  - **Introduce Defense Standardization Council (DSC) Joint System Safety Standards Working Group (JSSSWG)**
  - **Discuss Changing Committee Name**



# Topic Information

- **Presentation on integrating ESOH into Product Support Activities**
  - From 2021 NDIA S&ME Conference
  - Ms. Erin Beck, Naval Air Systems Command, PMA-268ttee/
- **DSC JSSSWG**
  - Charter under development
  - Two Primary Tasks:
    - Evaluate option of replacing Military Standard 882, "Standard Practice for System Safety," with NGS, OR
    - Oversee incremental updates to Military Standard 882E
- **"System Safety and Environmental Engineering" Committee**
  - Avoids the long-standing challenge of what "ESOH" refers to
  - Focuses on the two major ESOH engineering functions
  - Reflects how Defense Programs manage ESOH