

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

**Report to the 28 February 2018  
Division Meeting**

# Status Update



2018 Tasks	Status	Accomplishments (deliverables, etc.)
<p>1. Clarify critical misunderstandings of SE ESOH management requirements: (1) ESOH compliance and risk management, (2) ESOH risk reporting at technical &amp; program reviews/fielding decisions, (3) Why ESOH “residual” risk concept eliminated in 2012, and (4) ESOH risk acceptance for systems in sustainment</p>	<p>In Progress</p>	<ul style="list-style-type: none"> <li>• Being considered for action by DoD Acquisition ESOH IPT Principals, pending OUSD (AT&amp;L) reorg in place.</li> <li>• Considering incorporating into DAU training, DAG updates, and additional guides/handbooks from OUSD (A&amp;S).</li> <li>• USAF implementing ESOH risk management and reporting improvements.</li> <li>• Note: 2018 NDAA assignment of AFSPC/CC as SAE for Space Programs may alter Space Programs use of MIL-STD-882E methodology.</li> </ul>
<p>2. Determine the minimum set of ESOH management data necessary to support successful prototyping, rapid prototyping, and rapid fielding activities.</p>	<p>In Progress</p>	<ul style="list-style-type: none"> <li>• Discussed at DoD ESOH IPT Principals meeting on 31 Jan.</li> <li>• Working action plan with Principals to include soliciting input from the Services and Industry.</li> </ul>
<p>3. Assess how to include ESOH compliance requirements and risk data in Digital Engineering (DE) models</p>	<p>In Progress</p>	<ul style="list-style-type: none"> <li>• Reaching out to Modeling Simulation Committee.</li> <li>• Attended DASD(SE) Exhibit on DoD’s Digital Engineering Strategy on 21 Feb.</li> <li>• Participating in OSD/Service Digital Engineering Transformation Working Groups.</li> </ul>
<p>4. ESOH Committee Meeting</p>	<p>In Progress</p>	<ul style="list-style-type: none"> <li>• Holding ESOH Committee meeting this afternoon.</li> <li>• Committee meeting to follow each SE Division meeting.</li> </ul>
<p>5. NDIA SE Conference ESOH Track</p>	<p>In Progress</p>	<ul style="list-style-type: none"> <li>• Initiating ESOH track planning in April; Relocation of conference creates challenges.</li> </ul>

# ESOH Committee Meeting Information



- **Date:** February 28, 2018
- **Time:** 1430 - 1600
- **Location:** Booz Allen Hamilton, 1550 Crystal Drive, Arlington-Crystal City, 11th Floor (check-in and badge), then 12th Floor Conference Room 12108 (POC is Karen Gill and Lucy Rodriguez)
- **Call-in Number:** 877-885-1087; Access Code 8078961500#
- **DCS Link:**  
<https://conference.apps.mil/webconf/28Feb18NDIAESOH>
- **Meeting Agenda:**
  - NDIA Systems Engineering Division Planning Mtg – ESOH Committee Rpt
  - Joint Human Systems Integration Steering Committee Update
  - MIL-STD-882E Process Applied to Hazardous Materials Risk Management
  - DoDI 5000.02, Change 4 – Independent Technical Risk Assessments
  - 2017 NDIA Systems Engineering Conference Takeaways

# ESOH Committee - 2018 Task Plan



## 2018 Tasks:

1. Clarify critical misunderstandings of SE ESOH management requirements: (1) ESOH compliance and risk management, (2) ESOH risk reporting at technical & program reviews/fielding decisions, (3) Why ESOH “residual” risk concept eliminated in 2012, and (4) ESOH risk acceptance for systems in sustainment.
2. Determine the minimum set of ESOH management data necessary to support successful prototyping, rapid prototyping, and rapid fielding activities.
3. Assess how to include ESOH compliance requirements and risk data in Digital Engineering (DE) models
4. ESOH Committee Meetings
5. NDIA SE Conference ESOH Track

## Deliverables / Products:

1. TBD, possibly a Communication Plan
2. Publish the recommended information for DoD and industry use
3. Case studies/lessons learned from programs using DE and including ESOH hazard data in the model
4. Quarterly ESOH Committee Meetings
5. ESOH Track at the NDIA Annual SE Conference

## Schedule / Resources:

1. ECD September 2018 / OASD(EI&E)/ESOH, DoD ACQ ESOH IPT, and other NDIA SED committee members
2. ECD September 2018 / OASD(EI&E)/ESOH, DoD ACQ ESOH IPT, and other NDIA SED committee members
3. ECD September 2018 / DoD ACQ ESOH IPT, AIA, NDIA M&S Committee, Industry, & other NDIA SED committee members
4. Bi-monthly meetings in 2018 with the NDIA SED meetings / DoD and Industry Participants
5. ECD October 2018 / Government and Industry Participants

## Issues / Concerns:

1. Challenging to communicate effectively to all levels of DoD and industry / funding, timing, and availability of staff
2. Challenging to communicate effectively to the target audiences / funding, timing, and availability of staff
3. Identifying programs using DE with ESOH integrated into the model that would be willing to participate / funding, timing, and availability of staff
4. Availability of participants and value added meetings
5. Recruiting presenters