

**April 18, 2018**

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

# Status Update



2018 Tasks	Status	Accomplishments (deliverables, etc.)
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 (4) ESOH risk acceptance for systems in sustainment	ON HOLD	DoD and Services Emphasis on Prototyping, Rapid Prototyping, and Rapid Fielding includes: 1. Elimination or streamlining of compliance with DoDI 5000.02 2. Emphasis on cost, schedule, and performance risk management 3. Lack of clarity on expectations for management of ESOH risks and requirements, even though failure to effectively manage ESOH will impact cost, schedule, and performance risks
2. Determine the minimum set of ESOH management data necessary to support successful prototyping, rapid prototyping, and rapid fielding activities.	In Progress	<ul style="list-style-type: none"> <li>• Directly linked to Task 1, with emphasis on identifying compliance data requirements</li> <li>• Key effort: working hazardous materials management in concert with AIA efforts with the International Aerospace Environmental Group (IAEG) developing a materials and substances declaration process based on IPC-1754, "Materials and Substances Declaration for Aerospace and Defense and Other Industries."</li> </ul>
3. Assess how to include ESOH compliance requirements and risk data in Digital Engineering (DE) models	In Progress	<ul style="list-style-type: none"> <li>• Reaching out to Modeling Simulation Committee.</li> <li>• Participating in OSD/Service Digital Engineering Working Groups.</li> <li>• Participating in NDIA SE Division Mission Engineering Initiative; Attended March 2018 Kick-Off Meeting.</li> </ul>
4. ESOH Committee Meeting	In Progress	<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>
5. NDIA SE Conference ESOH Track	In Progress	<ul style="list-style-type: none"> <li>• Coordinating and planning the ESOH track</li> <li>• Reaching out to Government and Industry for participation</li> <li>• Relocation of conference creates challenges.</li> </ul>

# ESOH Committee Meeting Information



- **Date:** April 18, 2018
- **Time:** 1430 - 1600
- **Location:** Booz Allen Hamilton, 1550 Crystal Drive, Arlington-Crystal City, 11th Floor (check-in and badge), 5<sup>th</sup> Floor – Room 5008 (for meeting; seating is limited), POC is Karen Gill
- **Call-in Number:** 877-885-1087; Access Code 8078961500#
- **DCS Link:**  
<https://conference.apps.mil/webconf/NDIAESOHcommittee18April18>
- **Meeting Agenda:**
  - Hydrofluorocarbon (HFC) Issues and Negotiations
  - DoD ESOH Reorg Status
  - 2018 NDIA Systems Engineering Conference Planning

# 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