

# ESOH Committee – 2016 Status

2016 Tasks Planned	Status	Accomplishments (Deliverables, etc.) - Comments
1. Work with AIA and DoD Acquisition ESOH IPT to update NAS411-1, “Hazardous Materials Target List”	Completed	<ul style="list-style-type: none"> <li>AIA published extensive revision of NAS411-1 on 31 Oct 2016</li> <li>Now includes listing of hazardous materials by Chemical Abstract Service (CAS) number and management category</li> <li>Copy of document can be purchased via AIA (<a href="http://www.aia-aerospace.org">http://www.aia-aerospace.org</a>)</li> <li>DoD adoption notice completed and anticipated to post on ASSIST by February 2017</li> </ul>
2. Work with AIA and DoD Acquisition ESOH IPT to update NAS411, “Hazardous Materials Management Plan” to include system safety risk assessments and management of Hazardous Materials (HAZMAT)	In work	<ul style="list-style-type: none"> <li>Completed Draft guidance on how to conduct risk assessment on HAZMAT using MIL-STD-882E methodology – geared towards the HAZMAT/Chemical Management practitioners</li> <li>Numerous comments and perspectives received from NAS411 Working Group representatives</li> <li>Re-assessing the objectives, target audience, and level of detail for the Draft HAZMAT risk assessment guidance</li> </ul>
3. ESOH Committee Meetings	Completed	<ul style="list-style-type: none"> <li>ESOH Committee meetings held February, April, June, and August 2016 after each Systems Engineering Division Meeting</li> </ul>
4. 2016 NDIA SE Conference ESOH Track	Completed	<ul style="list-style-type: none"> <li>Mr. Gold (ODASD(SE)/EE) and Mr. Asiello (OASD(EI&amp;E)/ESOH and the DoD Acquisition ESOH IPT Chair) opened the ESOH Track held on 26 &amp; 27 October 2016; follow-on Q&amp;A session with Mr. Gold, Mr. Asiello, and the Services Acquisition ESOH IPT Principals discussed the different perspectives of the two presentations</li> <li>The other 18 track presentations cut across the range of ESOH, including how to better integrate ESOH into rapid acquisition programs, autonomous systems, Model Based SE (MBSE), and Program Environmental Liability determinations</li> </ul>

# ESOH Committee - 2017 Task Plan

## Proposed 2017 Tasks:

1. Assess how best to use MIL-STD-882E, NAS411 and NAS411-1, and Logistics Product Data (LPD) to determine environmental liabilities of weapon systems for reporting as part of DoD financial audit reporting
2. Evaluate how to include ESOH risks and requirements in model-based systems engineering (MBSE)
3. Update NAS411 and NAS411-1 to revise risk assessment guidance and to better align with the international reporting of hazardous materials
4. ESOH Committee Meetings
5. NDIA SE Conference ESOH Track

## Schedule / Resources:

1. ECD September 2017 / OASD(EI&E)/ESOH, DoD Acquisition ESOH IPT, NAVAIR, AIA, and other ESOH Committee members
2. ECD September 2017 / DoD Acquisition ESOH IPT, AIA, NDIA SE Modeling & Simulation Committee, Industry, and other ESOH committee members
3. ECD September 2017 / AIA NAS 411 WG, and DoD Acquisition ESOH IPT
4. Bi-monthly meetings with the NDIA SED meetings / DoD and Industry Participants
5. ECD October 2017 / Government and Industry Participants

## Deliverables / Products:

1. White Paper
2. White Paper
3. NAS411-1 posted to ASSIST; revised draft NAS411 guidance on hazardous materials risk assessment process and procedures; updated NAS411-1
4. Quarterly ESOH Committee Meetings
5. ESOH Track at the NDIA Annual SE Conference

## Issues / Concerns:

1. Funding, timing, and availability of staff
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3. Consensus between DoD and AIA on the approach for the HAZMAT risk assessment guidance; consensus on adopting aspects of the NAVSEA HAZMAT Avoidance Process (e.g., assigning a fixed severity category to each HAZMAT based on toxicity not usage)
4. Increased industry participation
5. Recruiting presenters