

ESOH Committee – 2015 Status



2015 Tasks Planned	Status	Accomplishments (deliverables, etc.) - Comments
Working with AIA on NAS 411-1, Hazardous Material Tracked List (Prohibited, Restricted, Tracked)	In Progress	<p>Target List – Goal of being a subset of International Aerospace and Defense Declarable Substances List (AD-DSL) to reduce cost and improve data consistency and availability</p> <p>Tracked List – By CAS numbers only</p> <p>AIA plans to provide electronic copy with hard copy of NAS 411-1</p>
2015 NDIA SE Conference ESOH Track	Being finalized	See following charts
Work with new DoD Three-Star Safety and Occupational Health Steering Group	On hold	Strategic Plan Goal 4. “Reduce mishaps by integrating Environment, Safety, and Occupational Health (ESOH) requirements into the life-cycle” of the Defense Acquisition System.

NDIA Systems Engineering Conference 2015 Environment, Safety, and Occupational Health (ESOH) Track – Wednesday, October 28



Abstract #	Title	Presenter	Presentation Time
17871	Keynote Brief	Mr. David Asiello, OASD(EIE)	0800 - 0835
17855	Replacement Tanker for United States Air Force - Environment, Safety and Occupational Health Protection Using Systems Engineering	Mr. John Stallings, AFLCMC, KC-46 Program	0835 - 0910
18065	REACH & AD-DSL (industry perspective)	Mr. Tim Sheehan, Raytheon / Ms. Yvonne Pierce, Boeing	0910 - 0945
BREAK 0945 - 1015			
18064	REACH - OSD Perspective	Dr. Patricia Underwood, OASD(EIE)	1015 - 1050
18075	REACH - Army	Mr. George Evans, Vice President Prospective Technology Inc.	1050 - 1125
18005	Air Force Risk Management Approach to the European REACH Regulation	Mr. Ken Dormer, Consultant Alion Science and Technology	1125 - 1200
LUNCH 1200 - 1300			
18062	Advancing System Safety Precepts for Unmanned Systems	Mr. Mike Demmick, & Mr. Russel Warren, ODASD(SE)	1315 - 1345
17872	Independent Safety Review Boards – A Guide for a Successful Review	Mr. Bob Smith, Booz Allen Hamilton	1345 - 1415
17956	JSMG....common testing to satisfy all Services' safety boards	Ms. Diane Dray, Booz Allen Hamilton	1415 - 1445
BREAK 1445 - 1515			
17803	Software Safety Functionality Hazard Assessment: Focusing Level of Rigor (LOR) on the Safety Significant Software Decision Points	Mr. Stuart Whitfield, Booz Allen Hamilton	1515 - 1545
17788	Automated Generation of Integration Tests for Avionics Software	Mr. Redge Bartholomew, Rockwell Collins	1545 - 1615
18035	Environmental Liabilities	Ms. Trish Huheey, OASD(EIE)	1615 - 1645
18027	Building on the Syrian Chemical Weapon Destruction Acquisition Success Story	Mr. Jerry Linn, JPM-E, Joint PEO - Chemical & Biological Defense	1645 - 1715

NDIA Systems Engineering Conference 2015 Environment, Safety, and Occupational Health (ESOH) Track – Thursday, October 29



Abstract #	Title	Presenter	Presentation Time
18025	Proposed ISO 45001 Occupational Health and Safety Management System Standard – Development Status Update and Potential Impacts to DOD OHS Management Programs	Mr. Kenneth Clayman, Booz Allen Hamilton	0800 - 0835
17867	DoD-AIA Working Group's Progress on NAS 411-1, Hazardous Material Target List Update	Ms. Karen Gill, Booz Allen Hamilton	0835 - 0910
17858	The Business Case for Using a Numbered Logarithmic Risk Severity Scale	Mr. Donald Swallow, Army Aviation and Missile Command	0910 - 0945
BREAK 0945 – 1015			
18001	ESOH Risk Management for Fielded Systems	Mr. Sherman Forbes, SAF/AQRE, Engineering Policy and Support	1015 - 1050
17773	Pedestrian Safety: Systems Thinking Approach in Transportation CLIOS Era	Mr. Subasish Das, Research Associate University of Louisiana at Lafayette	1125 - 1200
18048	A Case Study in Multi-tiered Distributed Environmental Compliance Information Management in the Air Force	Mr. Brent Allred, Northrop Grumman Information Systems	1315 - 1345
LUNCH 1200 - 1300			
			1315-1345
			1345 -1415
			1415 - 1445

Environment, Safety, and Occupational Health (ESOH) Committee Meeting



Date: August 26, 2015

Time: 2:30 – 4:00 pm

Location: Booz Allen Hamilton, 1550 Crystal Drive, Arlington-Crystal City, 11th Floor (check-in and badge) then 2nd Floor Conference Room 2016 (POC is Karen Gill)

Call-in Number: 877-885-1087; Access Code 5576719

DCS: <https://conference.apps.mil/webconf/26NDIAESOH>

Meeting Agenda:

- ESOH Committee Report to Systems Engineering Division
- 2015 NDIA SE Conference - ESOH Track
- NAS 411-1 Targeted Materials List Status Update
- Presentation: ESOH Risk Assessment and Acceptance – The Basics; Mr. Sherman Forbes, SAF/AQRE, Engineering Policy and Support Team Lead

ESOH Committee – Backup Charts



Proposed 2015 Tasks:

Focus still on improving implementation of current DoD Acquisition ESOH policy

1. Continue work with AIA on NAS 411-1 list of Tracked hazardous materials and guidance on use of MIL-STD-882E methodology
2. Work with new DoD Three-Star Safety and Occupational Health Steering Group
3. Develop mechanism and collect Industry and Government feedback on MIL-STD-882E
4. 2015 NDIA SE Conference ESOH Track

Schedule / Resources

1. ECD Dec 2015 / AIA and DoD participants
2. ECD June 2015 / Potential funding from Three-Star Steering Group (formerly DSOC)
3. ECD Dec 2015 / ESOH Committee participants
4. ECD Oct 2015 / ESOH Committee participants

Deliverables / Products

1. List of "Tracked" Hazardous Materials published as revised NAS 411-1 and published AIA guidance on application of MIL-STD-882E methodology to hazardous materials mgmt.
2. Include Acquisition ESOH Goal in Three-Star Safety & Occupational Health Strategic Plan
3. Develop questionnaire and request NDIA SED distribute to Industry and ODUSD (I&E) distribute to DoD PEOs and Program Offices
4. Plan for and hold ESOH track at the 2015 NDIA SE Conference

Issues / Concerns:

1. Different perspectives of DoD and AIA on objective of the proposed guidance on use of MIL-STD-882E methodology for hazardous materials management
2. DoD Three-Star Safety and Occupational Health Steering Group willingness to fund implementation of an Acquisition ESOH Goal
3. Availability of time to work
4. Availability of time to work

NAS 411 Tracked List Update

AIA and DoD Acquisition ESOH IPT WG agreed that only materials with CAS numbers will be included

- No HAZMAT families included
- This facilitates identification of materials on a contract or system

AIA advocating with International Aerospace Environmental Group (IAEG™) to include all NAS411-1, Hazardous Material Target List, items in the Aerospace and Defense Declarable Substances List (AD-DSL)

- If material not added to AD-DSL, AIA and DoD will decide whether to include the material on the Target List
- This will minimize cost to DoD to obtain necessary hazmat info in future contracts

AIA exploring how to provide electronic Target List for users