

# **Operations and Standards Committee**

NAOC Board of Directors Meeting  
5 December 2017

# Overview of the OSC

- ❑ Lanette Waite, Chairman
- ❑ James Salisbury, Deputy
- ❑ 29 members
- ❑ Meetings held on the first Wednesday of each month, 1:00 pm EST
- ❑ 9 meetings in 2017

# OSC Responsibilities

1. Provide our membership with an open forum for discussion and information exchange
2. Collaborate with Government partners in the development, review and application of guidance
3. Central POC for the distribution of updated guidance to the membership
4. Organize a NAOC Webinar Program focusing on munitions response-related topics
5. Assist NAOC BOD and Committees, as requested

# 1. Open Forum for Information Exchange

- ❖ We focus on issues related to explosives safety, UXO personnel training, munitions response field operations, and use of innovative technology
- ❖ Our topic list is generated by our OSC committee members or by request of the President/BOD.
- ❖ Issues/concerns are raised and addressed within our committee. If needed, we reach out to our external government partners for assistance and resolution.
- ❖ Hot topic in 2017: Standardization of UXO Logbooks

## 2. OSC Facilitates Membership Reviews of Guidance Documents

OSC facilitates the review of guidance documents by:

- ❖ Distributing review documents and comment sheets to the membership; compiling comments; and preparing a draft NAOC response for our President's review and submittal back to our government partner.
- ❖ 2017 Examples:
  - ✓ May: EPA's Military Munitions Rule and EPA's Munitions Response Guidelines
  - ✓ November: Evaluation of Analog Quality Control Criteria
  - ✓ December: ITRC Quality Considerations Quality Considerations for Multiple Aspects of Munitions Response Sites

# 3. OSC Distributes Updated Guidance

OSC is NAOC's central POC for the distribution of updated guidance. In 2017, the following updates were released and distributed:

- ❖ January 03: Dept of the Army Memorandum, Trial Period for Risk Management Methodology at FUDS MMRP Projects
- ❖ March: DDESB, Updated Buried Explosion Module and Barricade Angle Calculator
- ❖ April 24: Dept of the Army Memorandum, Advanced Geophysical Classification Implementation at FUDS for MMRP Sites
- ❖ June 1: NAVSEA, Change 14, NAVSEA OP-5, Vol 1, Rev7
- ❖ July 19: DDESB, Fragmentation Data Review Forms

## 4. Supports the NAOC Webinar Program

OSC partners with Technology Committee on this initiative. We purposefully alternate our webinars with the M2S2 series.

Together this year, we delivered two webinars:

- ❖ March 28 – MYSTIC Munitions Yoking Software Technological Information Core by Davin Strang, the Director of Operations for the Battlefield Clearance Team (BCTL) (65 attendees)
- ❖ June 27: USACE Remedial Action Objective/Risk Management Methodology by Dr. Kari Meier, USACE EM CX (record setting – over 130 attendees!)



# **OSC's Primary Initiative in 2017: Standardization of UXO Logbooks**

- ❖ TP-18 states: UXO Technicians and UXO Qualified Personnel are responsible for maintaining a logbook of their hours, and should be able to provide reasonable documentation that supports the hours logged.
- ❖ NAOC members identified a need for consistency and accuracy in the UXO logbook accountability process
- ❖ OSC took on the initiative to evaluate the standardization of the UXO logbooks as a service to our membership



# OSC's Evaluation of UXO Logbooks

In January, OSC requested feedback from the NAOOC membership on:

- ❖ What is the best platform for UXO Logbook: hard copy/paper versus an electronic phone-based application
- ❖ What data should the logbook capture beyond the requirements of TP-18 (number of work hours, number of MEC-related work hours, type of activity, certification of work hours by authorized supervisor, and supervisor name and contact info)
- ❖ We established a Tiger Team to investigate options to develop a standardized logbook.

# OSC's Evaluation of UXO Logbooks

- ❑ Our challenge: Membership's consensus was maintenance of a UXO Logbook is the UXO Technician's responsibility. However, everyone agreed that a phone-based application would be a convenient tool to transmit data, generate reports, support field hours.
- ❑ In the interest of researching a value-added membership service, we proceed to interview application developers, write a scope of work and solicit a cost estimate.
- ❑ We polled the membership one more time.....

# Results of Membership Poll

- ❖ Only 1/3 of respondents felt the development of a phone-based application would be a worthwhile investment of NAOC funds
- ❖ Over ½ the respondents would not require their UXO staff to use the application; 1/3 would make the use of the app a requirement; the remaining were neutral.
- ❖ Over 60% of the respondents would like to have a copy of the UXO technicians logbook to verify qualifications
- ❖ Bottom line: Responding companies were interested in the data generated by the app but not overwhelmingly supportive of requiring the use of the app or the investment of funds by NAOC.
- ❖ NAOC decided not to pursue the investment to develop a phone-based application to facilitate a standardized UXO logbook.

# Review of Analog Quality Control Criteria

- ❖ NAOC has been engaged by Mr. Jordan Adelson (DoD Environmental Data Quality Workgroup) to provide recommendations for the standardization of analog QC criteria.
- ❖ Formed a Joint Tiger Team between the OSC and Technology Committees. Review focused has been on EM 200-1-15:
  - Table 11-4 is the Performance Requirements for RI/FS using Analog Methods.
  - Table 11-6 is the Performance Requirements for an Removal Action using Analog Methods.
- ❖ Tiger Team solicited input from membership and received over 60 comments. Our Tiger Team is reviewing these comments.
- ❖ The comments will be submitted to Mr. Adelson next week for consideration by the Munitions Response Workgroup as it develops the analog quality control methods requirements for the upcoming MR-QAPP.

# Review of ITRC Quality Considerations for Munitions Response Projects

- ❖ ITRC Munitions Response Team provided “Technical/Regulatory Guidance: Quality Considerations for Multiple Aspects of Munitions Response Sites” for NAOC’s review and comment.
- ❖ We have formed a joint Tiger Team between the OSC and Technology Committees.
- ❖ Document was distributed to the membership on Nov 2 for review.
- ❖ Comments are due back to OSC/Tech Chairs on Dec 13.
- ❖ NAOC will submit the compiled comments back to the ITRC Munitions Response Team by December 15.

# Acknowledgements

Thank you to Rick Hanoski and the BOD,  
Our Government Partners,  
OSC Deputy and Committee Members,  
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