

# Technology Committee Report

## National Association of Ordnance Contractors

May 18<sup>th</sup>, 2017



[www.naoc.org](http://www.naoc.org)



# Technology Committee

## Discussion Topics

- ❑ Tech Committee Calls
- ❑ SERDP-ESTCP In-Progress Reviews
- ❑ DAGCAP Accredited Firms
- ❑ MetalMapper 2x2 Update
- ❑ UX-Analyze Update
- ❑ TOI Library
- ❑ SAGEEP 2018
- ❑ Supporting Committees/BOD

# Technical Committee Calls

- ❑ January 25<sup>th</sup> – 40 attendees
  - ❑ March 2<sup>nd</sup> – 28 attendees
  - ❑ April 12<sup>th</sup> – 30 attendees
  - ❑ May 18<sup>th</sup> – TBD
  - ❑ June (TBD)
- 
- ❑ Discuss DAGCAP, UX Analyze, and MM 2 x 2 updates, ESTCP/SERDP IPR Meetings, NAOC Webinars, and support of NAOC BOD and other NAOC Committees

# IPR Meetings

- ❑ Spring IPR meeting - May 9<sup>th</sup>, 10<sup>th</sup>, 11<sup>th</sup>

Projects include topics on:

- ❖ Underwater Munitions Burial and Transport Models
- ❖ Munition Depth Penetration Modeling
- ❖ Underwater Munition Demolition Technologies
- ❖ Acoustic/Sonar for Underwater Munitions

- ❑ Fall IPR meeting – TBD (September)
- ❑ Agenda, Presentations, and project summaries uploaded to committee FTP site.
- ❑ Agenda, presentations, and notes will be posted to NAOC Technology Website.
  
- ❑ SERDP – ESTCP Technical Symposium – November 28<sup>th</sup> – 30<sup>th</sup>, 2017.

# DAGCAP Accredited Firms

- ❑ Parsons
- ❑ AcornSI and NAEVA JV
- ❑ CH2MHill
  
- ❑ At least 4 to 5 additional firms on schedule to be accredited by mid-summer

# Geometric MM 2 x 2 updates

- ❑ Test results from Blossom Point in March were very encouraging, but indicated the need for increased stacking to make the MetalMapper equivalent to the TEMTADS.
- ❑ There were still issues with data acquisition software usability and noise in the Ry cube.
- ❑ List of issues sent to Geometrics
- ❑ A software fix was sent out by Geometrics to the owners of MM 2 x 2s on Friday May 12th
  - Geometrics reports issues with stacking, navigation, and the noisy Ry cube have been resolved
- ❑ CH2MHill has provided their system to Dan Steinhurst (Nova/NRL). Dan plans to do testing at Blossom Point as soon as possible.
- ❑ An update on the testing results will be provided as soon as they are received.

# UX-Analyze updates

- ❑ New release of UX-Analyze is planned as part of the next Oasis Montaj release (v9.2), currently scheduled for May.
- ❑ This will include the dynamic data processing workflow and many other significant enhancements.
- ❑ Geosoft currently expects the first public training workshop to be held in Denver, CO the week of June 20<sup>th</sup> – 22<sup>nd</sup> at the Parsons office.
- ❑ A second workshop will be in Washington DC, July 11<sup>th</sup> – 13<sup>th</sup> at the ARCADIS office.
- ❑ Registration info will follow from Geosoft soon.
- ❑ Herb Nelson has said if additional courses are needed he will support the additional classes. Possible locations are Huntsville and after the SAGEEP meeting in Nashville, TN (Spring 2018).

# TOI Library

- Government will be providing an uncontrolled version of the library to NAOC (when it is available) so that NAOC can at least work with it.
- Herb Nelson said at the Spring IPRs that he is waiting on a correction factor from Acorn to adjust the library for the MM 2 x 2 responses. He said as soon as he gets the correction it will be applied to the current library and Andy will make it available to NAOC.



# SAGEEP 2018

- ❑ SAGEEP next year (March/April) in Nashville, TN
- ❑ EEGS would like MMRP geophysics to be one of the focus areas of the conference.
- ❑ Bill Doll, TetraTech will be the general chair for the conference and leading the effort with support of Technology Committee
- ❑ Herb Nelson said a UXO Analyze class was possible to follow (Thursday-Friday)
- ❑ David Bell briefed the NAOC Board at the spring BOD meeting on May 11<sup>th</sup> and the BOD is considering being a sponsor and having the NAOC booth at SAGEEP.
- ❑ Please provide any suggestions for achieving the EEGS goal to Bill Doll at [William.Doll@tetrattech.com](mailto:William.Doll@tetrattech.com)

# Supporting BOD/Committees

## Support the OSC Webinar Development Team

- ❑ Coordinating
  - ❖ Decision Logic to Assess Risks Associated with Explosive Hazards (USACE, June 27, 1:00 pm – 3:00 pm)
  - ❖ Robotics on MMRP Sites (USACE, July TBD)
  - ❖ **Postponed** - ESTCP/SERDP Project Update (Herb Nelson, TBD)
- ❖ Webinars posted to NAOC.org and youtube
- ❖ Suggestions or volunteers?

# Technology Committee Contact

## QUESTIONS ?

Jeffrey Leberfinger, PGp, PG

Chair, Technology Committee

TerranearPMC LLC

Office: 610-675-9439

[jleberfinger@terranearpmc.com](mailto:jleberfinger@terranearpmc.com)

[www.naoc.org](http://www.naoc.org)

