

# Technology Committee Report

## National Association of Ordnance Contractors

January 10<sup>th</sup>, 2018



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



# Technology Committee

## Discussion Topics

- ❑ Committee 2018 Strategic Plan
- ❑ IPR Meeting
- ❑ DAGCAP Accreditation
- ❑ UX-Analyze Update
- ❑ MetalMapper 2x2 Update
- ❑ SAGEEP 2018
- ❑ Supporting Committees/BOD

# Strategic Plan

- ❑ Hold membership meetings, technology-sharing events and other Association gatherings, attracting government, military and industry leaders, including international guests to maximize opportunities for members to interact with key government decision makers
- ❑ Improve communication via webinars, video-teleconferencing and website information/access
- ❑ Work with DoD ESTCP/SERDP and other agencies to stay abreast of latest technologies and share related information with NAOC members
- ❑ Increase NAOC presence at domestic and international events
- ❑ Address policy and regulation (e.g. MR QAPP, AGC QSR revisions, etc)

# IPR Meetings

- ❑ Winter IPR meeting – Feb 21<sup>st</sup>
- ❑ Do not have agenda yet – but 6 reviews are planned.
- ❑ Spring IPR meeting – TBD
- ❑ 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 2018.

# DAGCAP Accreditation

## Organizations Accredited to Perform Advanced Geophysical Classification

AcornSI and NAEVA Joint Venture, LLC (AN JV)  
2928 South Buchanan Street, Suite C-1  
Arlington, VA 22206  
Accrediting Body: ANAB  
Terms of validation: 03/29/2017 through 03/29/2019

APTIM FEDERAL SERVICES LLC  
2410 Cherahala Blvd.  
Knoxville, TN 37932  
Accrediting Body: A2LA  
Terms of validation: 09/28/2017 through 09/28/2019

ARCADIS U.S., INC.  
2101 L. St. NW, Suite 200  
Washington, D.C. 20037  
Accrediting Body: A2LA  
Terms of validation: 08/15/2017 through 10/31/2019

Black Tusk Geophysics  
1755 West Broadway, Suite 401  
Vancouver, BC Canada  
Accrediting Body: A2LA  
Terms of validation: 7/13/2017 through 7/31/2019.

CH2M Hill, Inc.  
2411 Dulles corner Park, Suite 500  
Herndon, VA 20171  
Accrediting Body: ANAB  
Terms of validation: 05/03/2017 through 05/03/2019

Parsons Corporation  
1776 Lincoln Street, Suite 600  
Denver, CO 80203  
Accrediting Body: A2LA  
Terms of validation: 03/13/2017 through 05/31/2019

Tetra Tech EC, Inc.  
350 Indiana Street  
Golden, CO 80401  
Accrediting Body: A2LA  
Terms of validation: 08/9/2017 through 09/30/2019

TPMC – White River, LLC  
222 Valley Creek Blvd.  
Exton, PA 19341  
Accrediting Body: ANAB  
Terms of validation: 11/30/2017 through 11/30/2019

Weston Solutions, Inc.  
1400 Weston Way  
West Chester, PA 19380  
Accrediting Body: ANAB  
Terms of validation: 12/21/2017 through 12/21/2019

<http://www.denix.osd.mil/mmrp/advanced-geophysical-classification-accreditation-and-other-tools/>

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# UX-Analyze Update

- Geosoft had recent release of new Version 9.3 in late November.
  - ❖ The main updates concern importing and working with the MM2x2 data.
  - ❖ Version still needs to be DAGCAP approved. Acorn doing the validation. Approval should be in a couple weeks.
  
- Planned UX-Analyze class March 29<sup>th</sup> and 30<sup>th</sup> at SAGEEP 2018 in Nashville (if enough attendee interest).

# UX-Analyze Update

- ❑ Course name: Working with UX-Analyze
- ❑ Location: SAGEEP 2018 conference, Nashville Airport Marriott, Nashville, Tennessee
- ❑ Dates: March 29-30, 2018
- ❑ Time: 9 am - 5 pm
- ❑ Course Instructor: Darren Mortimer, Technical Product Manager
- ❑ Cost: Free for DoD contractors and USACE
- ❑ Registration: Will be added soon to My Geosoft courses and will be promoted on UXONet.

# MM 2x2 Update

- ❑ NAEVA has purchased and taken possession of a MM 2 x 2
- ❑ Dynamic Heat Issue
  - ❖ Geometrics still testing redesign of electronic box.
  - ❖ Geometrics is hoping to be ready to start replacing the existing MM 2 x 2 electronic boxes starting in early February with the dynamic heat issue fix.
  - ❖ It will have two heat sinks with the electronics box on top of the backpack and battery at the bottom of the back pack.
  - ❖ Bruce Borrows analyzing duty cycle data to see if reducing the duty cycle can minimize some of the heat issues and still provide needed data quality. Hope to have results by end of next week (1/19).
- ❑ Geometrics is also working on in-field inversion with Acorn.

# SAGEEP 2018

- ❑ SAGEEP - March 25<sup>th</sup> – 29<sup>th</sup> in Nashville, TN
- ❑ MMRP geophysics to be one of the focus areas of the conference.
- ❑ Planning committee – Bill Doll, John Jackson, Jon Miller, Greg Schultz, Jeff Leberfinger, Laurens Beran, Sandra Takata.
- ❑ Geosoft UX-Analyze Class
- ❑ 6 Session with 35 Oral Presentations + 2 Posters (Presentations sent to Tech Committee).
- ❑ Session: Perspectives on MMRP Geophysics
  - ❖ John Jackson
  - ❖ Jordan Adelson
  - ❖ Herb Nelson
  - ❖ Nick Stolte
  - ❖ Navy Representative (TBD)
  - ❖ Andy Schwartz

# SAGEEP 2018

## Sessions

- ❑ Perspective on MMRP Geophysics (6)
- ❑ Recent Results in Marine Acoustic Methods for Detection and Classification (7)
- ❑ Non-acoustic (EM and other) Methods for Marine MEC Detection and Classification (6) + 1 poster
- ❑ ESTCP Sponsored Ordnance Classification Results and Re-Analyses (6) + 1 poster
- ❑ Site Application of Classification Technologies – contractor experiences both good and bad (6)
- ❑ Innovative Applications of Geophysics on MMRP Projects (6)

# Supporting BOD/Committees

- ❑ Support Analog QC Requirement Recommendations White Paper with OSC for Government MR\_QAPP working group
  - ❖ Review EM-200-1-15 - Tables 11-4 and 11-6
  - ❖ Planned to provide Recommendation for improved analog QC before NAOC General Membership Meeting.
  - ❖ Several Tech Committee members supporting OSC review and consolidation of NAOC comments
  - ❖ Due to holidays and other conflicts was not completed.
  - ❖ OSC plans on picking up again next week
  - ❖ We may see Draft MR QAPP worksheets from the QAPP working group before any recommendations can be made.
  
- ❑ Support the OSC Webinar Development Team
  - ❖ Suggestions or volunteers?

# Technology Committee Contact

## QUESTIONS ?

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