

Technology Committee Report

National Association of Ordnance Contractors

July 26th, 2017



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Technology Committee

Discussion Topics

- ❑ DAGCAP Accreditation
- ❑ MetalMapper 2x2 Update
- ❑ UX-Analyze Update
- ❑ SAGEEP 2018
- ❑ Supporting Committees/BOD
- ❑ Miscellaneous Topics

DAGCAP Accreditation

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

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

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

Disclaimer:

This information may not be up to date. Please verify all information with the respective accredited organizations.

Black Tusk Geophysics
07/12/17

Software Validated for Advanced Geophysical Classification

DoD must validate all software used for advanced geophysical classification accreditation in accordance with section 5.4.7.2 (a) of the [Department of Defense Quality Systems Requirements for Advanced Geophysical Classification](#). The DAGCAP defines validated software as software that DoD either used successfully on a previous Environmental Security Research and Development Program (ESTCP) demonstration, or software that has produced equivalent or better results. The advanced geophysical classification software that DoD demonstrated successfully on ESTCP projects is considered previously validated and is not specifically called out below.

The validated advanced classification software programs are:

- UX Analyze V8.5, V9.0, V9.1, and V9.2;
- UXO Lab V1.0 (8a3e770); and
- EMCLASS v2.1.6

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Geometric MM 2 x 2 updates

- ❑ Recent fix from Geometrics – Received July 10th
- ❑ Arcadis Field Testing – Week of July 17th
 - ❖ Fixes to time gates issues, stacking, and headers are working.
 - ❖ Data was imported into Geosoft and matched to a library after applying the appropriate scaling factor. Geosoft is working on updating the scaling factor when data is imported.
 - ❖ Tablet locked up in ~95 degree heat. Had to reboot.
 - ❖ There were issues with the navigation screen/interface
 - ❖ Geometrics will provide a fix to those issues by August 4th
- ❑ Arcadis starting to use their system on a project in Florida in mid-August.
- ❑ EXI system data collected by Geometrics and is being looked at by Bruce Barrow (Acorn). If data looks OK Geometrics will ship EXI's system to the Harrisburg office.
- ❑ Parsons have not been able to test the July 10th fix on their system as of 7/26.

UX-Analyze updates

- ❑ First public training workshop to be held in Denver, CO the week of June 20th – 22nd at the Parsons office.
- ❑ Second workshop held in Washington DC, July 11th – 13th at the ARCADIS office.
- ❑ Herb Nelson has said if additional courses are needed he will support the additional classes.
- ❑ Geosoft scheduling class with USACE in October. May be availability for NAOC depending on how many DoD registrants there are.
- ❑ Other possible locations is SAGEEP meeting in Nashville, TN (Spring 2018).

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
- ❑ Please provide any suggestions for achieving the EEGS goal to Bill Doll at William.Doll@tetrattech.com

SAGEEP 2018

Session Suggestions

- ❑ Perspectives on MMRP Geophysics
- ❑ Recent Results in Marine Acoustic Methods for Detection and Classification
- ❑ Non-acoustic (EM and other) Methods for Marine MEC Detection and Classification
- ❑ Land and Underwater Positioning; state of the art and recent advances
- ❑ Lessons Learned from ESTCP Live Site Demonstrations
- ❑ Site Application of Classification Technologies – contractor experiences both good and bad
- ❑ Innovative Applications of Geophysics on MMRP Projects

Supporting BOD/Committees

**NAOC General Membership Meeting – San Diego, CA
December 5th – 7th**

- ❑ Support agenda planning committee
 - ❖ Underwater Case History – solicit for abstracts, review, and select presenter.
- ❑ Abstracts for Posters
 - Will also need volunteers to review and help select abstracts
- ❑ Leadership Award

Supporting BOD/Committees

Support the OSC Webinar Development Team

- Coordinating
 - ❖ Robotics on MMRP Sites (USACE, August TBD)
- ❖ Webinars posted to NAOC.org and youtube
- ❖ Suggestions or volunteers?

Miscellaneous Topics

- ❑ Fall ESTCP/SERDP IPR Meetings in October. No agenda yet

- ❑ Draft MEC QAPP before NAOC General Membership Meeting from EDQW
 - ❖ May have conference call with NAOC to discuss Analog and DGM QC requirements for MEC QAPP in next few weeks
 - ❖ Table 11 of EM 200-1-15 will be updated to be consistent with Final MEC-QAPP

Technology Committee Contact

QUESTIONS ?

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Chair, Technology Committee

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