

Technology Committee Report

National Association of Ordnance Contractors

June 13th, 2018



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Technology Committee

Discussion Topics

- ❑ BOD Meeting – June 12th
- ❑ IPR Meeting
- ❑ DAGCAP Accreditation
- ❑ UX-Analyze Update
- ❑ MetalMapper 2x2 Update
- ❑ EEGS/Fasttimes
- ❑ Supporting Committees/BOD

NAOC Board Meeting – June 12th

- ❑ Website Redesign this summer
- ❑ Each Committee is responsible for providing leadership award nominees – Industry and Government – Due Oct 4th.
- ❑ Planning for General Membership Meeting in Tampa, FL in December. Membership Committee looking for recommendations on speakers.
- ❑ Try to increase communications - twitter and linkedin announcements – Send twitter to:
 - ❖ Courtney.Ingersoll@arcadis.com
 - ❖ Nicole.Sharkey@westonsolutions.com
- ❑ Technology Committee support on design of technology related banner for exhibit.



ESTCP/SERDP IPR Meetings

- ❑ Spring IPR meeting – May 15 – 17, 2018
- ❑ Steve Stacy (ARCADIS) represented NAOC on the evaluation board.
- ❑ 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 – Washington DC November 27th – 29th, 2018.
 - ❖ Jeff L Plan to attend.
 - ❖ Also should be well attended by NAOC firms.

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DAGCAP Accreditation

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

HydroGeoLogic, Inc. (HGL)
11107 Sunset Hills Road, Suite 400
Reston, VA 20190
Accrediting Body: A2LA
Terms of validation: 04/13/18 through 04/30/2020

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

- Eleven (11) organizations currently accredited
- HGL accredited in April.
- AECOM accredited in June.
- <http://www.denix.osd.mil/mmrp/advanced-geophysical-classification-accreditation-and-other-tools/>

UX-Analyze Update

- Release Schedule
 - v9.4 – Released June 4th
 - DAGCAP Approval Status?

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MM 2x2 Update

- ❑ Current Owners: Parsons (2), CH2MHill, ARCADIS, EXI, FPM, NAEVA, USACE (Ft Ord), Weston.
- ❑ Dynamic Heat Issue
 - ❖ Geometrics started replacing the existing MM 2 x 2 electronic boxes starting in March with the retrofitted box. EXI, FPM, ARCADIS, CH2MHill, Parsons, Weston, USACE Ft Ord have been retrofitted.
- ❑ Geometrics is also working on an in-field inversion with Acorn SI. EXI sent Panasonic ToughPad to Acorn to test beta Infield Inversion.
- ❑ Blossom Point Testing on May 2nd of EXI system indicate some additional issues with SBG drift and the IMU calibration.
 - ❖ Data analysis results received Friday June 8th from Acorn
 - ❖ 30 SBG taken back to back. There was enough drift to cause poor polarizability matches to the library. Geometrics is evaluating the SBG drift analysis results.
 - ❖ Nova Research is testing IMU calibration. EXI sent IMU to Nova. Nova also buying an IMU directly from the manufacturer for testing.
- ❑ New data acquisition software should be released this week
 - ❖ Fix for spikes in data
 - ❖ Can change interval for background sampling
 - ❖ Parsons has been beta testing

EEGS – FastTimes

- ❑ EEGS has asked me (Jeff Leberfinger) to do a MMRP Geophysics column in their quarterly FastTimes Magazine
- ❑ Can use the NAOC Logo and promote NAOC after discussing with BOD.
- ❑ Would like volunteers from the Tech Committee to provide information and provide peer review.
- ❑ First column due June 15th
- ❑ Next column in September/October
- ❑ UXO Geophysics Focus in December issue. EEGS soliciting for 6-7 papers now.



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Supporting BOD/Committees

- Support the OSC Webinar Development Team
 - ❖ June 14, 2018 M2S2 – Innovative Technologies Not Related to DGM/AGC
 - Application of Drones to Munitions Projects (KEMRON Environmental Services)
 - Use of Drone Surveys to Evaluate Munitions Disposal Features (Parsons)
 - A Robotic Approach to Highly Saturated MEC Sites (ECC)
 - Remote Controlled Vegetation Clearance (Parsons)
 - Case Studies of Rapid Chemical Destruction of Bulk and Residual Energetics (MuniRem)
 - Smart Characterization – An HRSC Approach for Determining Preferential Pathways for Complex Sites (ARCADIS)
 - ❖ Registration is open - <https://clu-in.org/training/>
- NAOC will be doing second M2S2 for USACE in fall 2018.
 - ❖ Underwater topics?
 - ❖ Suggestions or volunteers?

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Supporting BOD/Committees

- ❑ Support Analog QC Requirement Recommendations with OSC for Government MR_QAPP working group
- ❑ Support review/comment of Draft MR QAPP.
- ❑ Eratta for Table 11 update – EM-200-1-15 for Analog, DGM, and AGC working its way up USACE signature system.
 - ❖ EM-200-1-15 to be updated next year

Technology Committee Contact

QUESTIONS ?

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