

Technology Committee Report

National Association of Ordnance Contractors

Committee Monthly Update

April 20th, 2022



www.naoc.org



Spring SERDP/ESTCP IPRs

- ❑ The Spring IPR is scheduled for May 10-13, 2022.
- ❑ Updated Agenda is attached
- ❑ Volunteers to sit on NAOC Technology Committee seat for one or all days.
 - ❖ Greg Schultz – Day 1
- ❑ Herb Nelson is having dinner and drinks at his house after the IPR on Wednesday the 11th for anyone who can attend on May 11th or 12th.
- ❑ I will plan to attend the IPR virtually.

RA QAPP Template

- ❑ Received Friday 3/11/2022 from IDQTF
- ❑ Received 220 comments from NAOC
- ❑ Currently consolidating comments as needed.
- ❑ Provided top 10 comments to EMCX for discussion on next week's M2G2 call.
- ❑ Will provide final comment list to EDQW on Friday 4/22.

M2G2 Geophysics Webex

- ❑ M2G2 Geophysics Quarterly Call with NAOC and USACE – April 27, 2:00-3:30 PM Eastern
- ❑ New Topic – Top 10 RA-QAPP Module 2 Comments and RTCs from USACE
 - ❖ Top 10 NAOC
 - ❖ Top 10 EDQW/EMCX
- ❑ Original Topics (moved to August M2G2 call):
 - ❖ More Effective Ways to Write Up Technical Proposals (USACE)
 - ❖ PWS Characteristics that Facilitate High Quality Technical Proposals (NAOC)
- ❑ Please let Jeffrey Leberfinger or Craig Murray know if you have discussion or presentation topics for this or future M2G2 calls

Draft EM 200-1-12

Conceptual Site Models - Draft for NAOC Review

- ❑ Received Monday 4/11/2022 from EMCX
- ❑ Received an extension to submit comments by May 12th.
- ❑ Please pass the Draft EM 200-1-12 to anyone in your company who should provide comments.
- ❑ Provide your comments on the comment form by May 6th to myself or Shawn Corcoran (NAOC OSC Chair).

SLAM Stencil QC/MQO Discussion

- ❑ Webex on April 28th with Kaarta, EMCX, and Stencil users
 - ❑ Intent of meeting is to discuss QC/MQOs for Stencil use.
-
- 1) Details behind UXO confidence number
 - 2) Appropriate field QC measures?
 - 3) Do we need any MQOs?

IVS Memo Template Workgroup

Where We Are:

- ❑ 1/14/22: Received first draft (Phase 1) of template from USACE
- ❑ 1/25/22: NAOC workgroup members met to discuss individual review comments, consolidate comments and agree which ones to submit to USACE and which ones to hold for later discussion
- ❑ 1/26/22: USACE provided brief update of initiative on M2G2 call
- ❑ 1/28/22: NAOC workgroup member comments submitted to USACE
- ❑ 3/11/22: Received from USACE updated text for the IVS memorandum guidance along with their responses to the previous comments that they received.
- ❑ 4/6/22: Virtual meeting held between USACE and NAOC members of the workgroup to get clarification on USACE RTCs.
- ❑ Next step: NAOC members of workgroup will provide any responses to the USACE RTCs (as applicable) and will submit comments on the next version of the memorandum template. NAOC member comments will again be sent to Matt Barner for consolidation prior to sending to the Government.

Seequent Update

- ❑ Name of event: UAV Geophysics Fundamentals
Date: April 26th 830am to April 27th 1230pm
Link: [UAV Geophysics Fundamentals \(seequent.com\)](http://seequent.com)

- ❑ Chlorinated Conference - Battelle May 22nd to May 26th - Our team will be in attendance (Rina Hartmann, Jessie Woodruff, Bart Jordan, Sean Buchanan & Thomas Krom)
 - Sean Buchanan and Bart Jordan co-present a Learning Lab on "Using Augmented Reality for Geological and Groundwater Modelling" on Wednesday which will feature the HoloLens workflow into LFW. People will have the opportunity to test out the HaloLens themselves

 - There will be 2 short courses delivered at the conference by Sean Buchanan: 4 hour Leapfrog Works – Implicit 3-D Geological Modelling on Sunday + 4 hour Contaminants course delivered Tuesday

SAGEEP 2022



- ❑ March 20-24, 2022
- ❑ 10 MMRP Geophysics Presentations
- ❑ Well attended by USACE and industry
- ❑ Presentation Slides – Wetransfer Link
 - ❖ <https://we.tl/t-SnaBc8H8eD>

- ❑ Planning starting for SAGEEP 2023 / 2nd Munitions Response Meeting

www.naoc.org

SAGEEP 2022

MUNITIONS RESPONSE
SOLVING COST ESTIMATION CHALLENGES AND ANOMALY DENSITY DISCREPANCIES John Jackson, U.S. Army Corps of Engineers (USACE)
ULTRATEMA-4 MARINE DYNAMIC CLASSIFICATION SYSTEM FIELD TRIALS T. Jeffrey Gamey, Tetra Tech, Oak Ridge, TN, USA
MAKING IT WORK. OVERCOMING THE BARRIERS OF DEPLOYING AGC TECHNOLOGIES IN CHALLENGING ENVIRONMENTS J.R. Candlish, Weston Solutions, West Chester, PA, USA
AN AUTOMATED TOOL FOR PERFORMING QUALITY ASSURANCE OVERSIGHT OF ADVANCED GEOPHYSICAL CLASSIFICATION PROJECTS Stuart Bancroft, Jacobs, Pensacola, FL, USA
ADVANTAGES OF USING SLAM BASED TECHNOLOGIES IN THE WOODS FOR GLOBAL POSITION DATA Dave Duggins, Kaarta, Inc, Pittsburgh, PA, USA
COFFEE
MUNITIONS RESPONSE
SERDP/ESTCP MUNITIONS RESPONSE PROGRAM OVERVIEW AND SOME RECENT TEST RESULTS Dave Bradley
2022 ADVANCED GEOPHYSICAL CLASSIFICATION (AGC) SENSOR UPDATE Jeffrey Leberfinger, PIKA International, Harrisburg, PA USA
DAGCAP- RECENT LESSONS LEARNED AND INTERESTING RCA John Jackson, U.S. Army Corps of Engineers (USACE)
REMEDIAION GOALS FOR FORMER CAMP S, A CASE STUDY IN WHAT WAS AND WHAT COULD HAVE BEEN Andrew Schwartz, U.S. Army Corps of Engineers, Huntsville AL
DETECTION, SCREENING, AND CLASSIFICATION OF UXO WITH THE ULTRATEM EMI SYSTEM: MARSHALL SPACE FLIGHT CENTER (MSFC-003) Kevin Kingdon, Black Tusk Geophysics, Inc.

www.naoc.org

Technology Committee Contact

QUESTIONS ?

Jeffrey Leberfinger, PGp, PG

Chair, Technology Committee

PIKA International, Inc

Phone: 717-571-1681

jleberfinger@pikainc.com



www.naoc.org

