

# Technology Committee Report

## National Association of Ordnance Contractors

Committee Monthly Update

October 19<sup>th</sup>, 2022



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



# SAGEEP 2023 / 2<sup>nd</sup> Munitions Response Meeting

- April 2 – 6, 2023
- Developing Sessions
- If interested in being a Session Chair contact me
- Call for Abstracts should be coming out soon
- Training Courses suggestions



# SAGEEP 2023 / 2<sup>nd</sup> Munitions Response Meeting

## Topics/Sessions

- ❑ Perspectives on Munitions Response
- ❑ DAGCAP - Project / Program Lessons Learned
- ❑ Risk Assessment for Explosives Hazards
- ❑ Applications for UAVs in Munitions Projects
- ❑ Site Applications/Case Studies
- ❑ Innovative Applications of Geophysics on MMRP Projects
- ❑ Underwater Methods for MEC Detection and Classification
- ❑ Robotic Applications to MR
- ❑ Emerging Geophysical Sensors
- ❑ Alternative Positioning Systems
- ❑ Munitions Response Operations and Safety-Exclusion zone reduction with AGC
- ❑ Data Usability Assessments
- ❑ Underwater Munitions Response Operations
- ❑ Munition Constituent Investigations
- ❑ Analog Geophysics
- ❑ Disposal Trench / OBOD (i.e. non firing range) Geophysics
- ❑ International Demining and UXO
- ❑ MMRP Cost estimating
- ❑ Feasibility Studies- Building Alternatives
- ❑ Geophysics in Extreme/Difficult Environments
- ❑ Remedial Action Objectives
- ❑ Root Cause Analyses
- ❑ "Then and now" a retrospective look at the MR industry
- ❑ Remedial Design (Case Studies, Data needs)
- ❑ Contracting Lessons Learned

# M2G2 Geophysics Webex

- ❑ M2G2 Geophysics Quarterly Call with NAOC and USACE  
– November 9th, 2:00-3:30 PM Eastern
- ❑ Topics
  - ❖ Payment milestones for dynamic AGC – Steve Stacy
  - ❖ RCA Examples/Discussion - Elise Goggin
- ❑ Please let Jeffrey Leberfinger or Craig Murray know if you have discussion or presentation topics for this or future M2G2 calls

# NAOC General Membership Meeting

- ❑ Two Hour - AGC Project Case Histories/Lessons Learned Session from NAOC and USACE.
- ❑ Moderators – Steve Stacy – USACECX  
Craig Murray - NAOC
- ❑ Projects
  - ❖ Camp Blanding, FL (HGL)
  - ❖ Camp Croft, SC (Weston)
  - ❖ Borrego Springs, CA (TetraTech - GCO)
  - ❖ Mojave (ARCADIS)

# Seequent Update

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# Seequent Update

Upcoming training courses : OASIS MONTAJ

- ❑ Oasis montaj and UXO Marine | Remote  
October 31 – Nov 3 | 9:00am–1:00pm EST | \$600 |  
[Register here](#)
- ❑ Oasis montaj Fundamentals | Remote  
December 6 – 7 | 11:30am–3:30 pm EST | \$450 |  
[Register here](#)

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# Seequent Update

- ❑ UX-Analyze - DoD validation update

Oasis montaj Version 2021.2 has passed. V2022.1 is pending. To see the latest status, visit this page:

[Validated UX-Analyze Versions | Geosoft UX-Analyze - Seequent](#)

- ❑ Seequent @ [NAOC Conference](#) – Dec 6-8

Strategic account executive, Rina Hartmann, and customer success manager Veronica Hayes, will be attending.

Looking forward to seeing you there!!

# SERDP-ESTCP Webinar

Title: Advanced Geophysical Classification in the Marine Environment

Presenter: Steve Billings

Date: October 20<sup>th</sup>, 2022 - 12:00 PM Eastern

<https://serdp-estcp.org/webinars>

This webinar will report on progress made developing and testing a marine Advanced Geophysical Classification system that combines an electromagnetic induction sensor (the GapEOD UltraTEM<sup>®</sup> metal detector) with a non-metallic tow-fish (the Tetra-Tech TEMA). The system was designed to detect and classify medium-sized ordnance with a single-pass towed platform at minimal standoff distances in water depths between 5 and 150 feet. The system was tested at the Sequim Bay underwater demonstration site in Washington State in October 2021.

In this talk, some of the challenges encountered with surveying in the marine environment and the methods we have used to overcome those will be discussed. These challenges include the strong signals generated by the conductive sea-water, the need to maintain close standoff to the water bottom and the complexities involved in obtaining accurate sensor positions when operating underwater.

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# Miscellaneous Topics

- ❑ IVS Memo Template – NAOC provided RTCs to USACE – USACE group reviewing RTCs - Matt Barner Status Update
- ❑ RA QAPP Template - Next version may be out by mid November for NAOC review
- ❑ NAOC Posterboard Abstracts due by October 21<sup>st</sup>.
- ❑ M2S2 Webinars – NAOC Led
  - ❖ Webinar #1 – Better PWS and Proposal Discussions –Led by Ryan Steigerwalt (Weston) and Amanda Sticker (USACE) February 16th 2023 1300 CST
  - ❖ Webinar #2 – Best of SAGEEP - June 28th 2023 1300 CST
- ❑ SERDP – ESTCP Fall IPR – October 25<sup>th</sup> – Agenda attached

# Technology Committee Contact

## QUESTIONS ?

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