

Technology Committee

National Association of Ordnance Contractors

Monthly Update

July 16, 2025



www.naoc.org



USACE - NAOC M2G2 Call

- ❑ May 14, 2025 (next M2G2 Aug 13 and Nov 12)
 - ❖ Automating AGC Coverage Gap Identification using Point Cloud Data and GIS
 - ❖ Filtering Coherent Powerline Noise from AGC Data
 - ❖ Measurement Uncertainty in Predicting Diameter from Polarizabilities During Anomaly Resolution
- ❑ Topic Suggestions for 2025 M2G2 calls?
 - ❖ Summary of changes in DAGCAP QSR 3.0
 - ❖ Drone-based AI surface detection
 - ❖ Basis for defining reliable depth of classification as 10xRMS
 - ❖ Separating RA contracts for geophysics and intrusive
 - ❖ How to determine vertical profiles (aka vertical CSMs)
 - ❖ Send to Craig M. or Harry W.

Oasis Montaj / UX-Analyze

- ❑ UX-Analyze V2024.1 is DAGCAP validated
- ❑ Oasis Montaj V2025.1 is now available
- ❑ Upcoming Training:
 - ❖ <https://events.seequent.com/>

SERDP/ESTCP

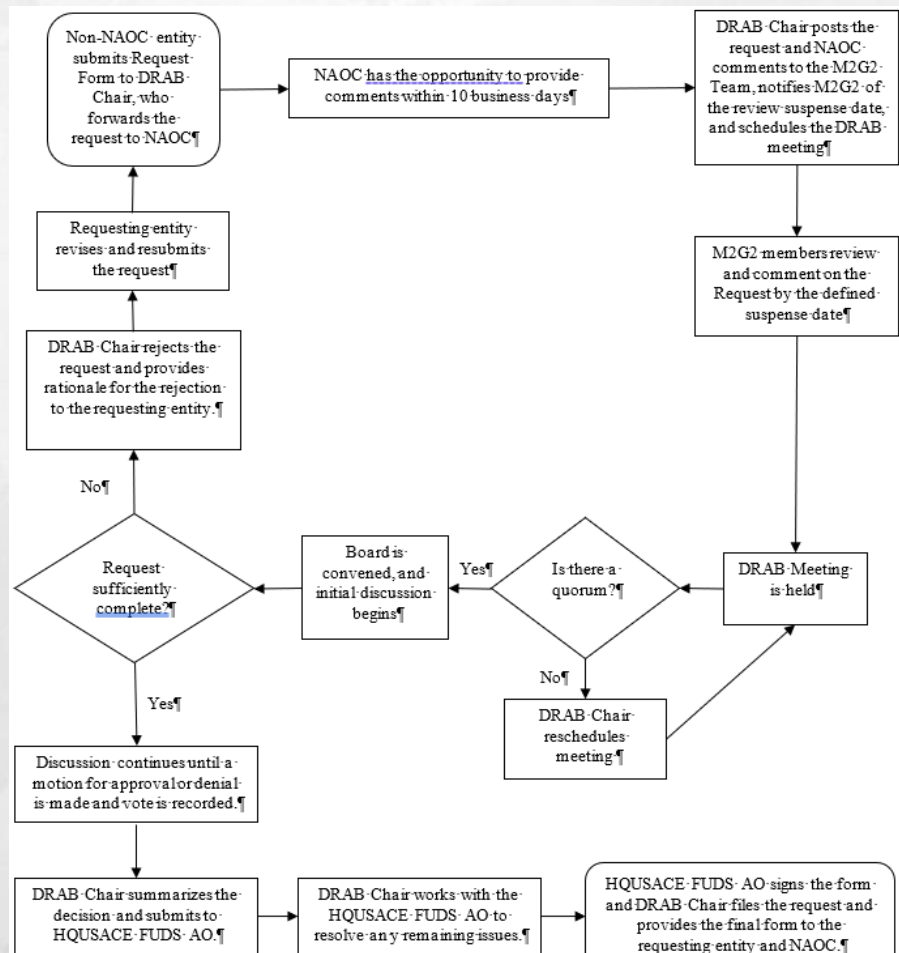
- ❑ Is there any recent research NAOC might be interested in being presented (i.e., M2G2 call or a different special session?)?
 - ❖ Contact John Jackson John.M.Jackson@usace.army.mil
- ❑ August IPR Meetings planned for August 12-14
 - ❖ Presentations were requested from SERDP/ESTCP to be uploaded to the NAOC web site

Requirement Change Request

- ❑ First request was sent to EMCX on Validation Seed Depths
- ❑ They replied quickly with comments and Jennifer Weller quickly responded and resubmitted
- ❑ The EMCX convened a board to review the initial request and will be providing additional feedback
- ❑ The EMCX is preparing an internal procedure for NAOC change requests
- ❑ The HQ signature authority will be with John Jackson

Requirement Change Request

- ❑ Process for non-NAOC requests – are there concerns?



Miscellaneous Topics 1

- ❑ SAGEEP 2025 Presentations are available on the NAOC Website - <https://www.naoc.org/shared-documents#2025SAGEEP>
- ❑ Geometrics is working on MM2x2 validation for One-pass classification
 - ❖ Any MM2x2 users who will need HDFV1 compliance for work starting in July 2025, contact Kolby Pedrie
- ❑ DAGCAP QSR 3.0 is expected to be signed in July and become effective 6 months later
- ❑ AGC Library Additions – Previously expected to be ready in June 2025, but DAGCAP realized they are less than the 90% complete they have been estimating. Contractors can request specific new items through their USACE District Geophysicist

Miscellaneous Topics 2

- ❑ Preliminary characterization critical density selection
 - ❖ EMCX drafted a white paper describing how to select critical density for preliminary characterization
 - ❖ Others at the EMCX are now reviewing it
 - ❖ The paper discusses general concept of critical density and points to guidance documents a lot
 - ❖ No time frame for availability
- ❑ PWS template – USACE has been working on an RA PWS template, but that effort has become a lower priority
- ❑ 2025 NAOC sponsorships available now - [link](#)
- ❑ Next Technology Committee Call – August 20, 2025

Discussion Topics

❑ Possible future discussion topics:

- ❖ Maximum reliable detection/classification depths – what should vertical CSMs include
- ❖ Defining SRA boundaries
- ❖ Defining inaccessible areas and challenging areas
- ❖ Separating RAs into two contract actions, phase 1 AGC and phase 2 intrusive
- ❖ Insert your favorite topic of interest here by emailing craig.murray@parsons.us or hwagner@pikainc.com

Technology Committee Contact

QUESTIONS?

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