

# Technology Committee Report

## National Association of Ordnance Contractors

Committee Monthly Update

July 27<sup>th</sup>, 2022



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



# M2G2 Geophysics Webex

- ❑ M2G2 Geophysics Quarterly Call with NAOC and USACE  
– August 10th, 2:00-3:30 PM Eastern
- ❑ Topics :
  - ❖ More Effective Ways to Write Up Technical Proposals  
Amanda Sticker (USACE)
  - ❖ PWS Characteristics that Facilitate High Quality  
Technical Proposals (NAOC) – Ryan Steigerwalt  
(Weston)
- ❑ Please let Jeffrey Leberfinger or Craig Murray know if you  
have discussion or presentation topics for this or future  
M2G2 calls

# M2G2 Geophysics Webex

- Seeking input regarding things like the following:
  - ❖ Language from RFPs to include the PWS that doesn't make sense
  - ❖ Observed inconsistencies between RFP's, review boards and implementation
  - ❖ Risk mitigation/contingency requirements
  - ❖ Evaluation criteria
  - ❖ Other issues
  
- If you or your firm have input, please contact Ryan Steigerwalt [Ryan.Steigerwalt@WestonSolutions.com](mailto:Ryan.Steigerwalt@WestonSolutions.com) by July 28<sup>th</sup>

# QAPP Module 2 Workgroup Update

Workgroup Lead: Jennifer Weller (Jacobs)

# QAPP Module 2 Workgroup Update

- ❑ Entire group met on July 7; meeting led by John Jackson
- ❑ Focus of discussion was on updates to MPCs in WS #12
- ❑ Group agreed to leave majority of MPCs as written in draft toolkit
- ❑ Exception DFW 18
  - ❖ Interval requirement remains same
  - ❖ Requirement for returning to an SBG more than once removed in favor of a general statement that drift will be assessed

18. Background repeatability	Completeness	Background data are collected at the interval specified by the manufacturer. Each background location used during a day is reacquired sufficiently often [fill-in maximum allowable, instrument-specific time interval] to assess and document drift.	Background Validation Database
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- ❑ Next meeting of workgroup scheduled for August 2<sup>nd</sup>
  - ❖ Goal is to write the MQOs specific to ongoing SBGs in WS #22

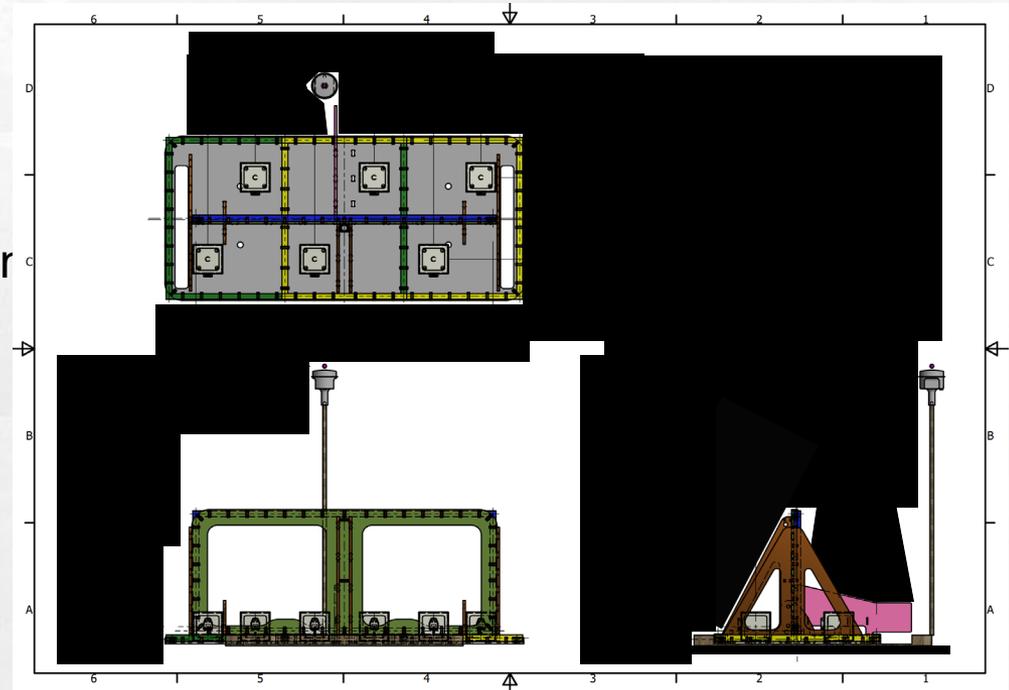
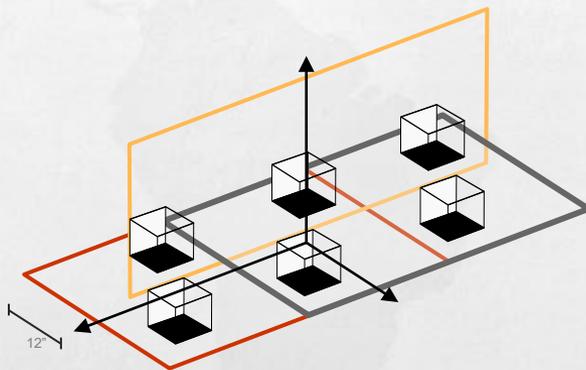
# UltraTEM Update

Kevin Kingdom (Black Tusk Geophysics)

## UltraTEM 3Tx Portable classifier

3 transmitter loops  
6 receiver cubes

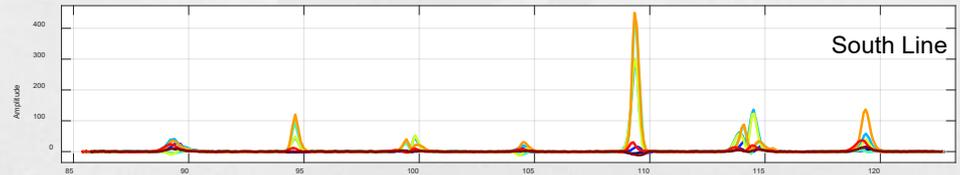
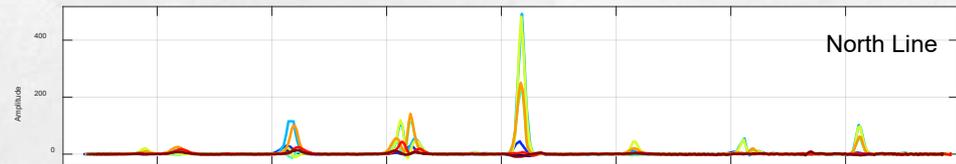
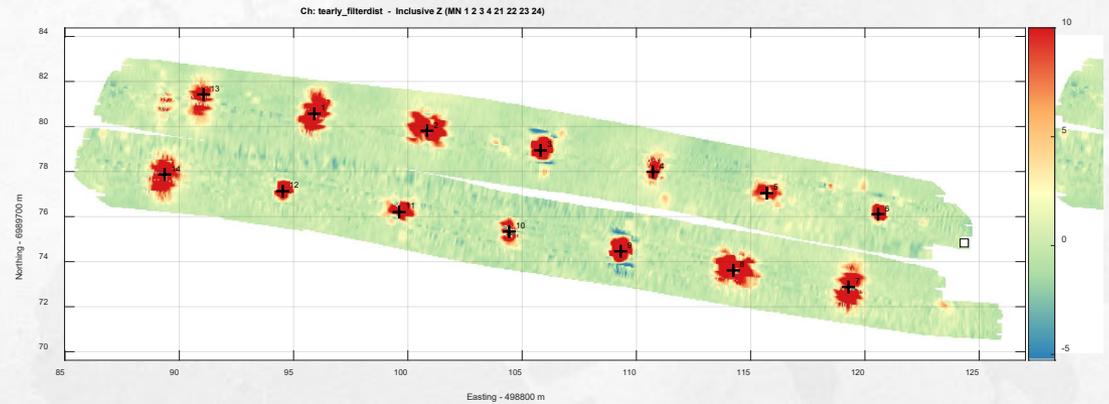
Operates in dynamic mode and cued r



# Testing strip

## Small ISOs and 20mm

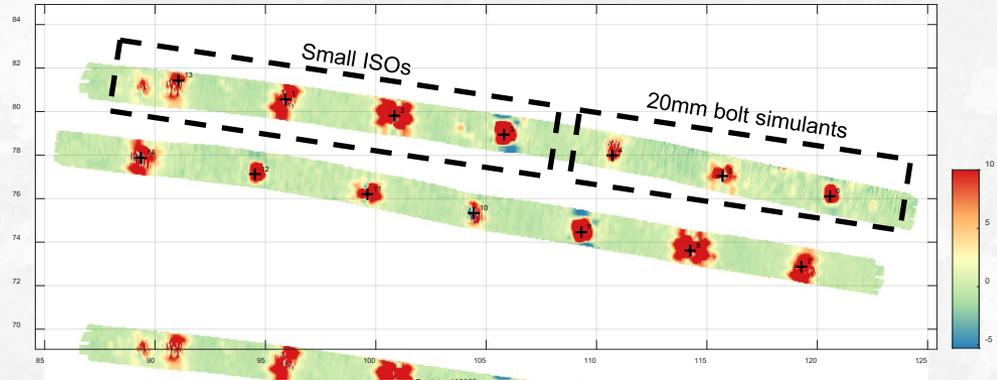
Label	Item	Orientation	Depth (cm)
1	Small ISO	Cross track	10
2	Small ISO	Along track	10
3	Small ISO	Vertical	10
4	20 mm bolt	Cross track	5
5	20 mm bolt	Along track	5
6	20 mm bolt	Vertical	5
7	Small ISO	Cross track	10
8	Small ISO	Along track	10
9	Small ISO	Vertical	10
10	20 mm bolt	Cross track	5
11	20 mm bolt	Along track	5
12	20 mm bolt	Vertical	5
13	Small ISO	Cross track	25
14	Small ISO	Cross track	25



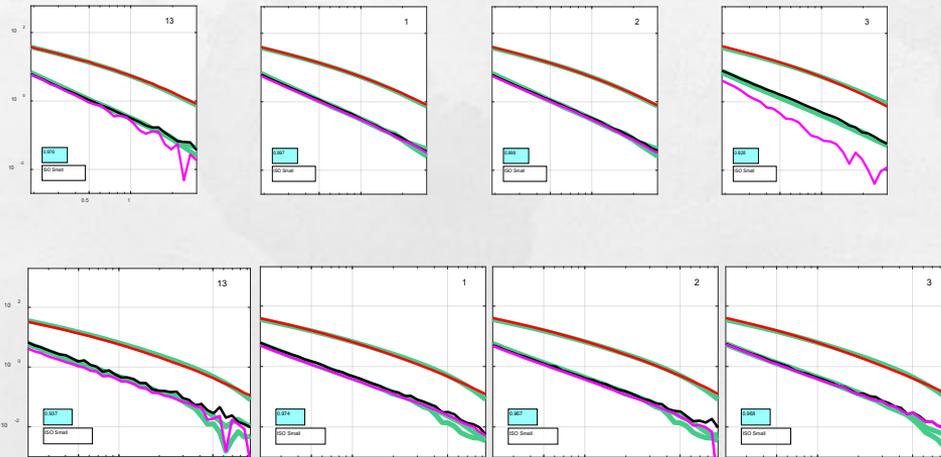
# Testing strip

Accurate estimates of target polarizabilities in either dynamic or cued operation

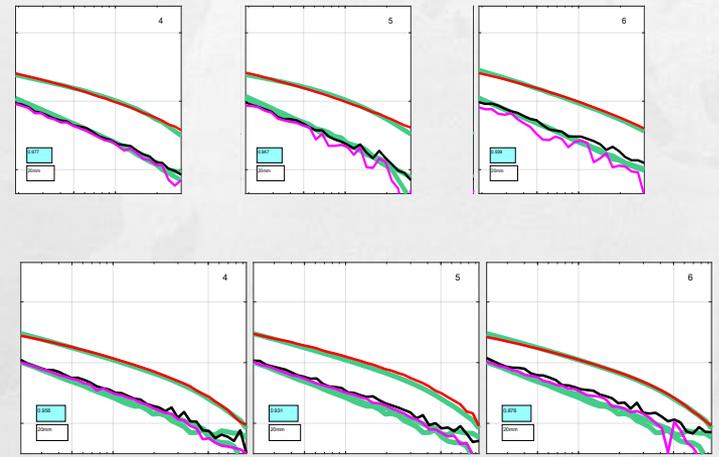
Top row: Dynamic, single transect inversion (3 ms)  
Bottom row: Cued, single shot (9.5 ms)



## Small ISOs



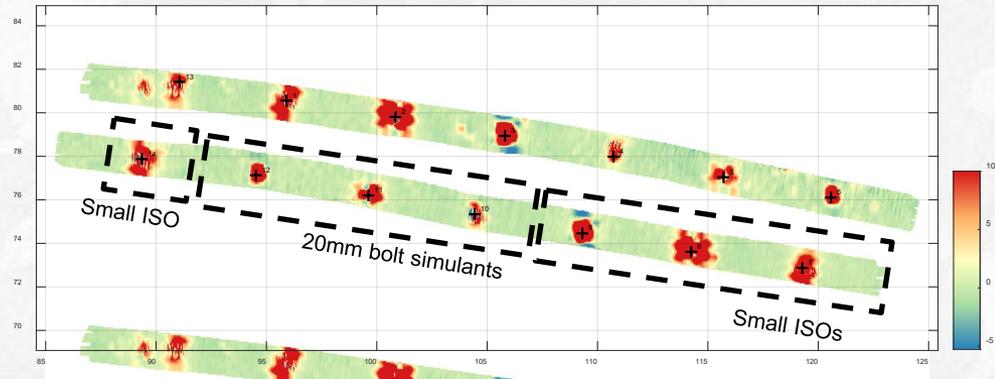
## 20 mm bolt simulants



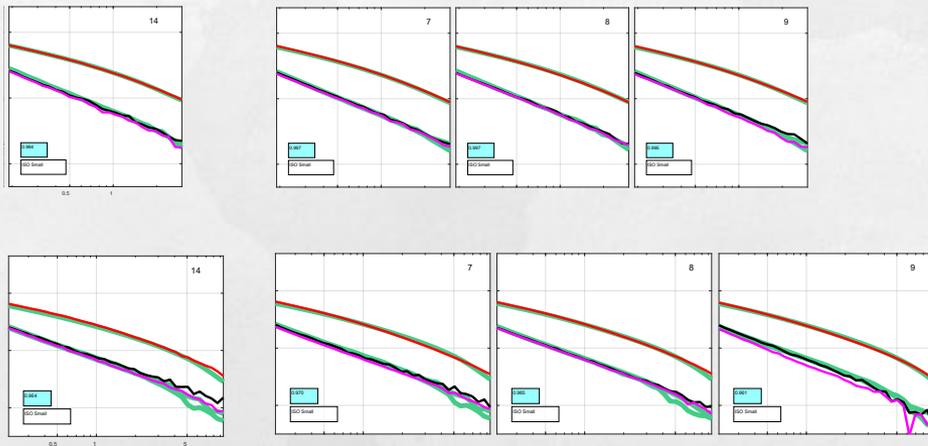
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Accurate estimates of target polarizabilities in either dynamic or cued operation

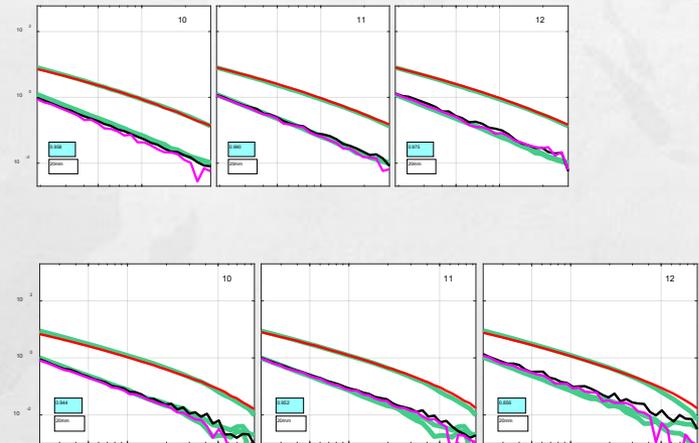
Top row: Dynamic, single transect inversion (3 ms)  
Bottom row: Cued, single shot (9.5 ms)



## Small ISOs



## 20 mm bolt simulants



# Seequent Update

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# Seequent Update

- For training Seequent has the following:

**Oasis montaj UXO Marine Training**, August 8th starting @ 1130am to August 11th 330pm \$900 USD/person

**Oasis montaj 2D Filtering Training**, August 9th 1130am to 330pm, \$259 USD / person

**Voxi Fundamentals Training**, August 16th @ 1130am to August 17th @ 330pm, \$450 USD

All of the times are in EST

# Miscellaneous Topics

- ❑ IVS Memo Template – USACE waiting on next round of NAOC changes – Matt Barner Status Update
- ❑ NAOC General Membership Meeting - AGC Project Case Histories/Lessons Learned Presentations from NAOC firms.  
Update from Ivey Harvey
- ❑ SAGEEP 2023 / 2<sup>nd</sup> Munitions Response Meeting – Most likely in New Orleans. Early in the planning stages. Have support from USACE headquarters, EDQW, and ESTCP/SERDP for MR meeting.

# Technology Committee Contact

## QUESTIONS ?

Jeffrey Leberfinger, PGp, PG

Chair, Technology Committee

PIKA International, Inc

Phone: 717-571-1681

[jleberfinger@pikainc.com](mailto:jleberfinger@pikainc.com)



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