

# Technology Committee Report

## National Association of Ordnance Contractors

Board of Directors Meeting

July 16, 2014



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



# Committee Members (43)

- ❑ Brian Brunette, AECOM
- ❑ Steve Stacy, ARCADIS
- ❑ Tamir Klaff, CH2M Hill
- ❑ David Wright, CH2M Hill
- ❑ Darrel Hall, URS
- ❑ Mike McGuire, EA Engineering
- ❑ Kent Boler, Matrix Design Group
- ❑ John Allan, NAEVA Geophysics
- ❑ John Breznick, NAEVA Geophysics
- ❑ **Tim Deignan, HGL**
- ❑ Bill Rottner, Aqua Survey
- ❑ Terry Collins, Relyant
- ❑ Steve Saville, AMEC
- ❑ Jeff Gamey, Battelle
- ❑ Colin Kennedy, UIT
- ❑ Marty Miele, HDR
- ❑ Lance Humphrey, NHV
- ❑ Kevin Kingdon, Black Tusk
- ❑ James Stuby, ERT
- ❑ Ji Ma, ERT
- ❑ Jeff Sabol, Kemron
- ❑ Michael Telesco, Marine Power Technologies
- ❑ Craig Murray, Parsons
- ❑ Darren Mortimer, Geosoft
- ❑ John Herbert, Leidos
- ❑ Dean Keiswetter, Leidos
- ❑ Jeff Leberfinger, TerranearPMC
- ❑ Erin Atkinson, TerranearPMC
- ❑ Mike Warminsky, Tidewater
- ❑ Al Crandall, USA Environmental
- ❑ Ryan Steigerwalt, Weston Solutions
- ❑ Brian Junck, Weston Solutions
- ❑ Tom King, Weston Solutions
- ❑ Brian Hecker, InDepth
- ❑ Robert Mearini, Alpine Ocean Seismic Surveys
- ❑ Sandra Takata, CBI
- ❑ Max Zelenevich, Battelle
- ❑ Terry Northcutt, Timberline
- ❑ Richard Perry, SGO
- ❑ Robert Mercarini, Alpine OSS
- ❑ Andy Gasho, Gilbane
- ❑ Mike Warminsky, Environet
- ❑ Raul Fonda, TetraTech

# Technology Committee

## Discussion Topics

- ❖ SERDP-ESTCP In-Progress Reviews
- ❖ SERDP-ESTCP UX-Analyze Training Course
- ❖ Geophysical Requirements Meeting With USACE
- ❖ Supporting OSC Webinars
- ❖ SAGEEP Meeting in Boston, MA
- ❖ Advanced Classification UFP QAPP
- ❖ ESTCP – NAOC Technology Transfer Meeting

# Technology Committee

## SERDP / ESTCP

### In Progress Review (IPR) Meetings

- ❖ Meeting May 20<sup>th</sup> – 21<sup>st</sup>
- ❖ NAOC Representatives
  - ❖ May 20<sup>th</sup> – Tamir Klaff,  
CH2M HILL
  - ❖ May 21<sup>st</sup> – Mike Telesco,  
Marine Power  
Technologies



# Technology Committee

## SERDP / ESTCP

### In Progress Review (IPR) Meetings

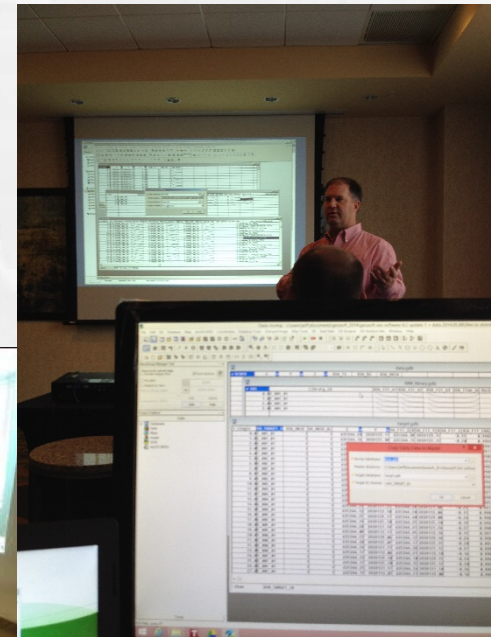
- ❖ Projects included topics on:
  - ❖ Advanced Classification,
  - ❖ Marine Sensors and Positioning systems,
  - ❖ Semi-Automated Remediation Systems.
  - ❖ Underwater Munitions Burial and Transport Models,
- ❖ Agenda, notes, and presentations posted on NAOC website
- ❖ Next IPR Meeting in September



# Technology Committee

## ESTCP UX-Analyze Training Course

- ❖ Denver, CO – May 8<sup>th</sup> and 9<sup>th</sup> , 2014
  - ❖ 27 attendees
- ❖ Arlington, VA – May 13<sup>th</sup> and 14<sup>th</sup> , 2014
  - ❖ 17 attendees



# Technology Committee

## Geophysical Requirements Meeting

- ❖ Technology committee and NAOC members provided comments and questions on current geophysical QC and reporting requirements to USACE Huntsville
- ❖ USACE geophysicists from Huntsville and other districts reviewed and provided response to comments (RTCs)
- ❖ RTC's also reviewed and approved by USACE Legal
- ❖ Meeting on April 17<sup>th</sup>, 2014
- ❖ USACE set up an online meeting for NAOC and District Geophysicists who could not attend in person
- ❖ 17 NAOC representatives in person and 10 online.
- ❖ NAOC Comments, USACE RTC's, and presentation posted on NAOC website.



# Technology Committee

## Supporting OSC Webinars

- ❖ Support the OSC Webinar Development Red Team
- ❖ June 12<sup>th</sup> - New Technologies with a Focus on Non-Advanced Classification Technologies, Herb Nelson, NRL (ESTCP)
- ❖ October (TBD) - Geophysical Trends and Lessons Learned, Bob Selfridge, Huntsville USACE
- ❖ November 5<sup>th</sup> - Data Processing updates for Geophysical Classification, Dean Keiswetter, Leidos

All webinars posted to the OSC page on [NAOC.org](http://NAOC.org)



# Technology Committee

## SAGEEP Meeting

- ❖ Attended the 27th Annual Symposium on the Application of Geophysics to Engineering and Environmental Problems (SAGEEP) in Boston, MA
- ❖ March 19<sup>th</sup> MMRP Geophysical Session
  - ❖ Munitions Detection Systems and Software
  - ❖ UXO
  - ❖ Live UXO Data Analysis
- ❖ Obtained PDF Slides from 16 presentations
- ❖ Presentations posted to Technology page on NAOC.org
- ❖ Technology Committee and Membership notified by email that the presentations were available for reference.

# UFP QAPP For Advanced Classification

UFP-QAPP SAN LUIS OBISPO TREATABILITY STUDY  
PAGES 120-109CA203105  
REV. 1  
JUNE 2014  
PAGE 1

WORKSHEET #1—TITLE AND APPROVAL PAGE

MR Classification QAPP Worksheet #1—Title and Approval Page

Final

Uniform Federal Policy (UFP) Quality Assurance Project Plan (QAPP)  
Treatability Study  
Former Camp San Luis Obispo  
J09CA203105  
San Luis Obispo, CA

June 2014

Prepared for

US Army Corps of Engineers  
Los Angeles District  
915 Wilshire Blvd, Los Angeles, California 90017-3401

Contract: W912DY-09-D-0060  
Delivery Order: CQ01



Prepared by

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Developed by CH2M Hill

Final Uniform Federal Policy (UFP)  
Quality Assurance Project Plan  
(QAPP) for the Former Camp San Luis  
Obispo Treatability Study

PDF Document to be posted to the  
NAOC.org website

Intergovernmental Data Quality Task  
Force (IDQTF / Dr. Jordan Adleson)  
developing QAPP template, draft  
expected out in September for review.

Expect IDQTF QAPP may require  
additional worksheets than in the SLO  
UFP QAPP

# Technology Committee

## ESTCP – NAOC Technology Transfer Meeting

- ❖ Contacted by Herb Nelson on July 11<sup>th</sup>
- ❖ Appears funding restrictions for meetings may be easing up and there is good chance ESTCP could support an ESTCP – NAOC Technology Transfer meeting next fiscal year.
- ❖ Format is open to what ever NAOC thinks would be most advantageous to the membership.
- ❖ He thought Denver was a good centralized location.
- ❖ Most likely not able to be held at a hotel but some federal facility.

# Technology Committee Contact

## QUESTIONS ?

Jeffrey Leberfinger, PG

Chair, Technology Committee

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