



# NAOC Newsletter

July 2019

National Association of Ordnance Contractors - [www.naoc.org](http://www.naoc.org)

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## President - Ms. Lanette Waite

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Greetings NAOC Members!

I hope this finds you having a terrific summer. Throughout 2019, NAOC's Board of Directors (BOD) and Committee Chairmen have been working hard to advance the interests of our Association. As you read this newsletter, you will gain an appreciation for the multi-faceted efforts from this Leadership Team.

I am focusing my message on efforts from the BOD during the first six months of 2019. We opened the year with the bar set high for progress. I, along with this BOD, are fully committed to resolving issues and not pushing items down the road. On January 16, we held an 8-hour BOD meeting to identify action items and define what we needed to accomplish during this term.

Of immediate importance, the BOD faced the challenge of evaluating the financial path forward of the Association. Overall, NAOC's financial position for 2019 was sound. We had a healthy cash reserve, which exceeded our approved budget for the year. However, following the Treasurer's briefing, we learned our operating costs were increasing, and our income was not increasing at the same pace. While we would stay within our approved 2019 budget, the Association was on the path to a projected budget shortfall.

Consequently, we opened our January meeting with discussions focused on an increase to Membership Dues. Such an increase would have been the easiest solution to generate income. However, this is not the path the BOD decided to pursue. As we dissected the components of a dues increase, the BOD recognized raising dues was not the immediate answer and certainly not something we wanted to implement without advanced notice to our membership.

The BOD set two objectives: 1) find a palatable solution to address a budget shortfall without immediately increasing membership dues; and 2) capture the "why" behind our decisions. Since the BOD is transitional, the BOD committed to document its rationale to clearly illustrate to future NAOC leadership the factors which must be evaluated when making a budget determination for the Association. We chose to work hard now and simplify decisions for future leadership!

Guided by our Treasurer, Alison Paski, the BOD defined and evaluated the parameters influencing NAOC's budget, including: cash reserve, sources of income and operating costs.

## Committee Chairs

### Operations and Standards:

*James Salisbury*  
james.salisbury@parsons.com

### Government Affairs:

*Victoria Kantsios*  
Victoria.kantsios@aecom.com

### Technology:

*Jeff Leberfinger*  
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### Membership:

*Nicole Sharkey*  
Nicole.Sharkey@WestonSolutions.com

### Small Business:

*David Nelson*  
David.Nelson@atiinc.com

The following unanimous decisions were made by the BOD:

- **Annual Balanced Budget:** The BOD determined the Association must strive to annually propose a balanced budget (i.e., level of income matches expenses). The proposed annual budget will estimate revenue from Membership Dues and other established income sources, and estimate expenses based on approved Association expenditures. This is documented in the new NAOC Policy 005.
- **Cash Reserves:** As noted, NAOC entered 2019 with a healthy cash reserve. Our cash reserved exceeded the approved annual budget. The BOD asked: “As a non-profit Association, why do we need a large cash reserve? What is the purpose of an operating reserve? How do we define the level of cash reserves required?” The BOD determined the primary reason for retaining the reserve is that NAOC does sign contracts and must be able to meet its contractual financial obligations (e.g., booking Annual Membership Meeting venue, cover lobbyist fees). Consequently, the BOD voted to retain a cash reserve equivalent to the annual operating budget. This is documented in the new NAOC Policy 005.
- **Membership Structure:** NAOC’s primary source of income is Membership Dues. Our Membership Dues structure has been based on company size. The BOD reviewed the NAOC company size designation. The BOD upheld the “very small”, “small”, and “large” designations. However, the BOD decided to restructure the dollar threshold between very small and small businesses from \$5M to \$2.5M. Why? Simply stated - there was a natural stratification in our membership at this \$2.5M mark. Therefore, going forward, NAOC’s business structure will be: Very Small (<\$2.5M), Small (<500 Employees, >\$2.5M) and Large (>500 Employees). This is documented in the new NAOC Policy 005.
- **The Livingston Group Fee:** NAOC’s largest fixed expense is the fee paid to our lobbyist, The Livingston Group (TLG). TLG is a premier lobbyist firm in Washington, DC. As I have experienced firsthand as President, TLG has been instrumental in helping NAOC secure vital meetings on Capitol Hill, which have translated into millions of dollars of plus-ups in MMRP budgets. TLG had not received a raise from NAOC in over a decade. In recognition of the vital partnership we have with TLG, the BOD authorized an increase in 2019. Also, our revised contract with TLG has a defined “not to exceed” clause for future fee increases. This will enable future BODs to adequately budget for the lobbying fees. This is documented in the 2019 contract between NAOC and The Livingston Group. I will discuss the value TLG provides to NAOC during our Membership Meeting in December.
- **Dues.** I am happy to report that based on the above analysis, the BOD decided not to raise Membership Dues in 2019. Instead, we will cover budget shortfalls, if any, with our cash reserves. However, NAOC’s membership Dues will increase in 2020 by 15% in each business category. Please anticipate more messaging on the dues increase for next year, but this will serve as notice that our dues will need to increase to offset our rising cost of operations associated with expenses incurred to support the annual Fly-In, Membership Meeting and The Livingston Group fee. I will speak more on this topic during our Annual Membership Meeting in December.

## **ESTABLISHED IN 1995**

The National Association of Ordnance Contractors (NAOC) was established in 1995 as a non-profit organization. NAOC's objective is to act as a unified industry voice representing the issues facing its membership in the rapidly expanding business of military munitions response services.

The 21 founding members were UXO service companies. Over the years, our membership has expanded to include companies that provide and perform ancillary services to include geophysical services, detection equipment, analytical laboratories, regulatory support and related environmental/engineering services.

I mentioned the BOD was determined to document our decisions and provide a rationale for future leadership. Consequently, to ensure our governing documents reflected the decision points above, our BOD updated our Articles of Association, revised four existing NAOC's policies and developed one new NAOC policy. These policies will be posted on our website. Our membership will vote to accept the minor revisions to the Articles of Association during our Membership Meeting in December. For your reference, the five NAOC Policies are:

- NAOC Policy 001 – Duties, Responsibilities and Procedures for BOD and Standing Committee Chairs
- NAOC Policy 002 – Financial Audit
- NAOC Policy 003 – Attendance at Membership Meetings
- NAOC Policy 004 – Leadership Award and Presidential Service Award
- NAOC Policy 005 – Financial Guidance (this provides direction on NAOC's Balanced Budget and Cash Reserves policy, as discussed above).

I would like to emphasize this year has been one of immense partnership with the government. In April, NAOC leadership met with members of DOD to discuss our concerns with the MR-QAPP Module 1. As a result, NAOC was invited to send attendees to provide input during a trial training session with members of DOD as well as regulators. In June, NAOC leadership had a meeting with a USACE team regarding the standardization of Performance Work Statements for Remedial Investigations. In mid-July, I briefed the BOD and membership on the content and outcomes of this meeting. NAOC is currently in a very collaborative period with representatives of DOD and USACE on many matters of significance to the munitions response industry. As a result, progress is being made for our industry and positive changes will be coming this year.

For me to best serve and represent you as your President, I rely on your input, observations and ideas. Please continue to feel free to contact me. You may also reach out to any member of the BOD (please see the end of the newsletter for contact information). As we move into the last half of the year, I can truly say your NAOC Leadership is working hard on your behalf. I am deeply proud to serve this organization and look forward to seeing you in Scottsdale, Arizona! Onward!

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## Vision & Strategic Objectives

### Vision

- To advance NAOC as the global leader for munitions response services.

### Strategic Objectives

- Increase Program Funding Levels to Improve Opportunities for NAOC Members
- Achieve Global Recognition for Superb Munitions Response Services
- Enhance Membership Benefits
- Collaborate in the Development and Application of Technology, Guidance, and Regulations

## Vice President - Ms. Courtney Ingersoll

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Greetings! Your NAOC committees have been busy the first half of the year!

- Thanks to Victoria and the Government Affairs committee for organizing a great Fly In! Thanks to all the member firms for their participation – 47 participants from 35 member firms – strong participation!
- Your Membership Committee has been hard at work organizing and planning the 2019 Annual Meeting to be held in sunny Scottsdale, AZ at the Embassy Suites. Be sure to register for this informative meeting to include briefings from Government representatives, training, and our Board of Directors meeting.
- Your BOD is working with the Membership Committee to organize speakers and topics for the Annual Meeting. Stay tuned for more information and if you have a suggestion for a speaker or topic, please send an email to Nicole Sharkey or me.

As a reminder, you Board exists to serve you. If you have any questions, concerns, or ideas please share them with us.

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UPCOMING EVENTS	
Aug 6, 2019	USACE Louisville Open House, Louisville KY
Aug 13-15, 2019	SAME San Antonio SB Fair – San Antonio, TX
Oct 9, 2019	SAME Huntsville Industry Day
Nov 20-22, 2019	SAME SB Conference – Dallas TX
Dec 3-5, 2019	SERDP ESTCP Symposium – Washington DC
Dec 10-13, 2019	NAOC Annual Meeting

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## Government Affairs Chairman – Ms. Victoria Kantsios

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Now that both the House and Senate have passed their version of the National Defense Authorization Act (NDAA), the GAC thought it would be a good time to provide you with an update on our activities and the status of legislation that affects our industry.

The GAC and NAOC lobbyist, The Livingston Group (TLG), held numerous strategy meetings in January to prepare for the legislative year. It was decided that for FY20, we would continue to push for increased funding for FUDS Military Munitions Response Program (MMRP) and seeking language that would direct the Department and the Services to execute their MMRP in accordance with their annual Budget Requests.

Simultaneously, we decided to work with Congress to support an effort to get the Government Accountability Office to perform an audit of the MMRP program. A similar audit was performed in 2010 and many of the discrepancies identified have yet to be remedied nearly ten years later. These are issues that directly affect NAOC members such as not failing to establish program performance goals and reporting sites as Response Complete when no action was ever taken.

During the 2019 “Mini Fly-In” in February, a small team met with House and Senate Defense Appropriations and Authorization Committee staffers to help craft legislative proposals that would be acceptable to the various committees. This helped lay the groundwork for our FY20 requests, which were submitted to dozens of offices in February and March.

In preparation for our annual NAOC Fly-In in March, we launched a grassroots campaign with the help of an app called GovPredict which made the process easy and quick for members to send letters to their Senators and Members of Congress. Hundreds of letters were sent by NAOC member company employees. Thanks to all who participated.

The Fly-In itself was a huge success. We had over 50 NAOC members in attendance, our largest gathering in years. During the Fly-In, NAOC members met with the offices of 35 congressmen and senators advocating for support of NAOC initiatives. The lineup of speakers from the Administration and the Hill was robust and included:

- Congressman Rick Crawford (R-AR), an avid NAOC supporter and former EOD Technician
- Maureen Sullivan, Deputy Assistant Secretary of Defense for Environment
- Karen Baker, Division Chief, U.S. Army Corps of Engineers
- James Balocki, Deputy Assistant Secretary of the Navy for Installations and Facilities
- Robb Wong, Associate Administrator, Small Business Association

In support of our effort to include NDAA report language that would initiate a GAO audit of the MMRP, we worked closely with the offices of Rep. Case (D-HI) and Rep. Gabbard (D-HI). Thanks to the meetings, which were conducted by NAOC members during the Fly-In, and ongoing lobbying efforts by the TLG, these two Hawaii members were already very aware of the acute problem posed by UXO in Hawaii. The two offices were extremely helpful throughout the process, and we were successful in getting the language included in the House Report. The GAO must complete this audit within one year (due date June 2020). The language included in the FY20 NDAA House report is as follows:

*Military Munitions Response Program (MMRP). The committee notes that in 2014, DOD established goals to implement Interim Risk Management (IRM) at Formerly Used Defense Sites (FUDS) Military Munitions Response Program (MMRP) sites but the program has struggled to reach its goals. The committee further notes that the management challenges facing MMRP have been longstanding dating back to at least 2010, when the Government Accountability Office (GAO) issued a report which found that the Department had not established clear criteria for prioritizing its work or established clear performance goals for work done at FUDS. Most concerning, the GAO expressed concern about DOD recording sites as "complete" in cases where the Department*

took no action at the site, which could be misleading to the Committee and the public. Therefore, the committee directs the Comptroller General to conduct a review and provide a report to the House Armed Services Committee by June 1, 2020 that examines the following:

- (1) the management of the MMRP program including its staffing and funding levels,
- (2) progress DOD has made in cleaning up munitions response sites,
- (3) resources allocation across MMRP sites in the last 5 years;
- (4) program priorities for the next five years, and
- (5) MMRP protocols for communicating with stakeholders and the public.

We also worked with Reps. Blumenauer (D-OR) and Crawford (R-AR) on a bipartisan letter to the Chairman and Ranking Member of the Defense Appropriations Subcommittee urging them to increase funding for the MMRP. Twenty-two Congressmen signed on to the Blumenauer/Crawford letter, including four Republicans and 18 Democrats. This letter not only asked the Chairman and Ranking Member to increase funding by \$50 million but also urged the Department to “not divert resources from the MMRP” for PFOA/PFOS remediation.

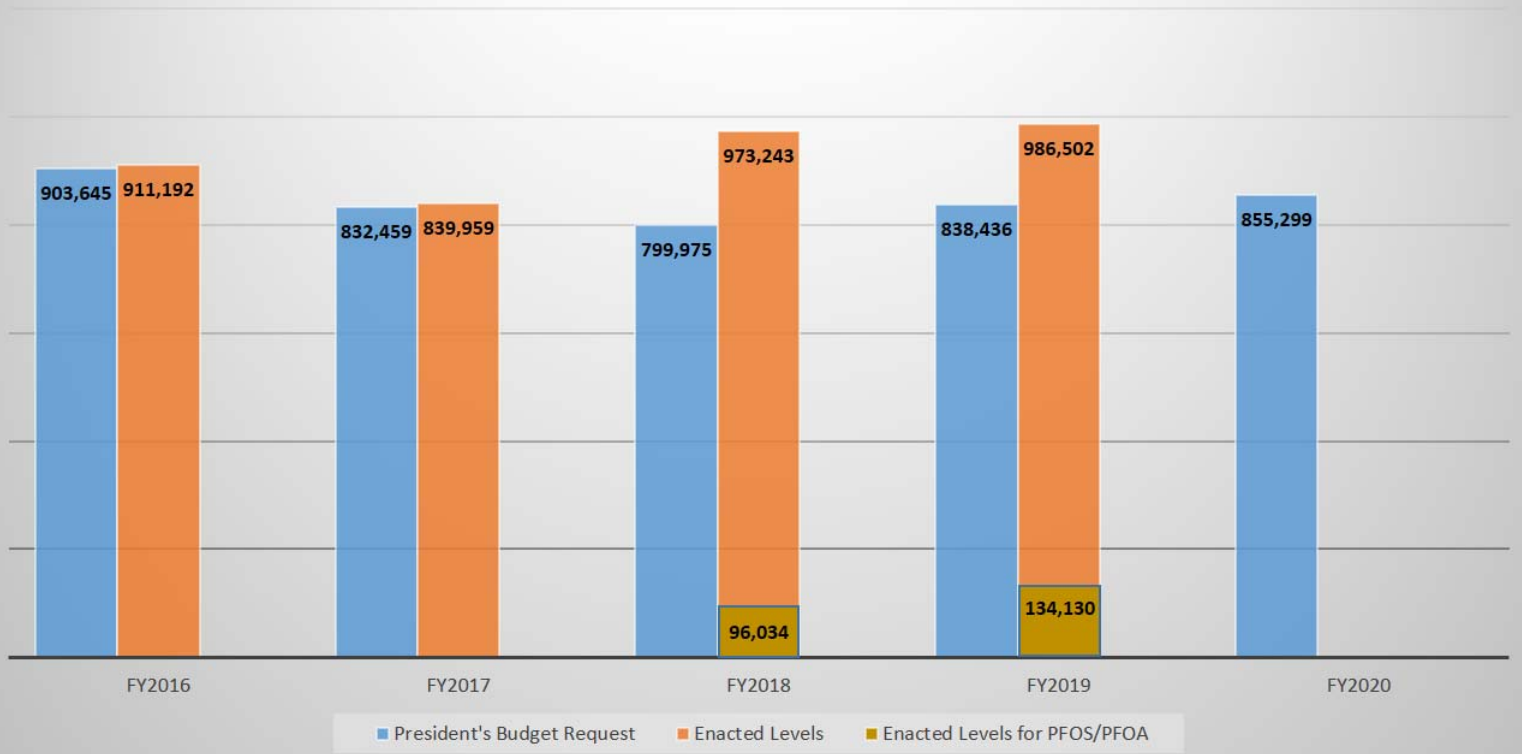
When the House version of the FY20 NDAA went to the floor in June, we worked closely with two of our strongest congressional advocates, Rep. Earl Blumenauer (D-OR) and Rep. Crawford (R-AR) on an amendment to the NDAA; Rep. Hurd (R-TX) was also very supportive of this amendment thanks, in large part, to the briefing he received from a NAOC member during the Fly-In. This amendment would statutorily direct DOD and the Services to spend the money they requested for MMRP on that program, instead of moving the money around to spend on PFAS cleanup or other priorities. In the end, HASC opposed our amendment as they felt it would limit the flexibility of DOD to spend environmental restoration on PFAS. For this reason, the House Rules Committee ruled our amendment out of order. There were numerous provisions regarding PFAS in the bill. The PFAS issue is bigger, broader, and gets more attention from constituents than the MMRP program, so it is imperative upon us to continue advocacy for the FUDS MMRP. Presently, we continue to negotiate with SAC(D) to ensure that our requested provisions are in the report and/or bill language.

**Current Status of Defense Authorization and Appropriations Bills-** Both the House and Senate have passed their versions of the NDAA on the floor of the respective bodies. Committee staff have begun informal conferencing of the Bill and we expect actual Conference Committee negotiations to start soon. The NDAA has passed Congress and been signed into law by the President for 58 consecutive years and it is expected that this year will be no different.

The House has passed its version of the FY20 Defense and Military Construction/Veterans Affairs Appropriations bills, but the Senate has yet to mark up any of the 12 annual appropriations bills. Senate Appropriations Committee Chairman Richard Shelby (R-AL) has said he will not markup any of the bills until there is an agreement on the caps imposed by the Budget Control Act (Sequestration) of 2011. The House Defense Appropriations bill passed at a level of \$713 billion, which is below the President’s request of \$750 billion. However, the Environmental Restoration accounts important to NAOC are all either at or above the budget request level (see charts):

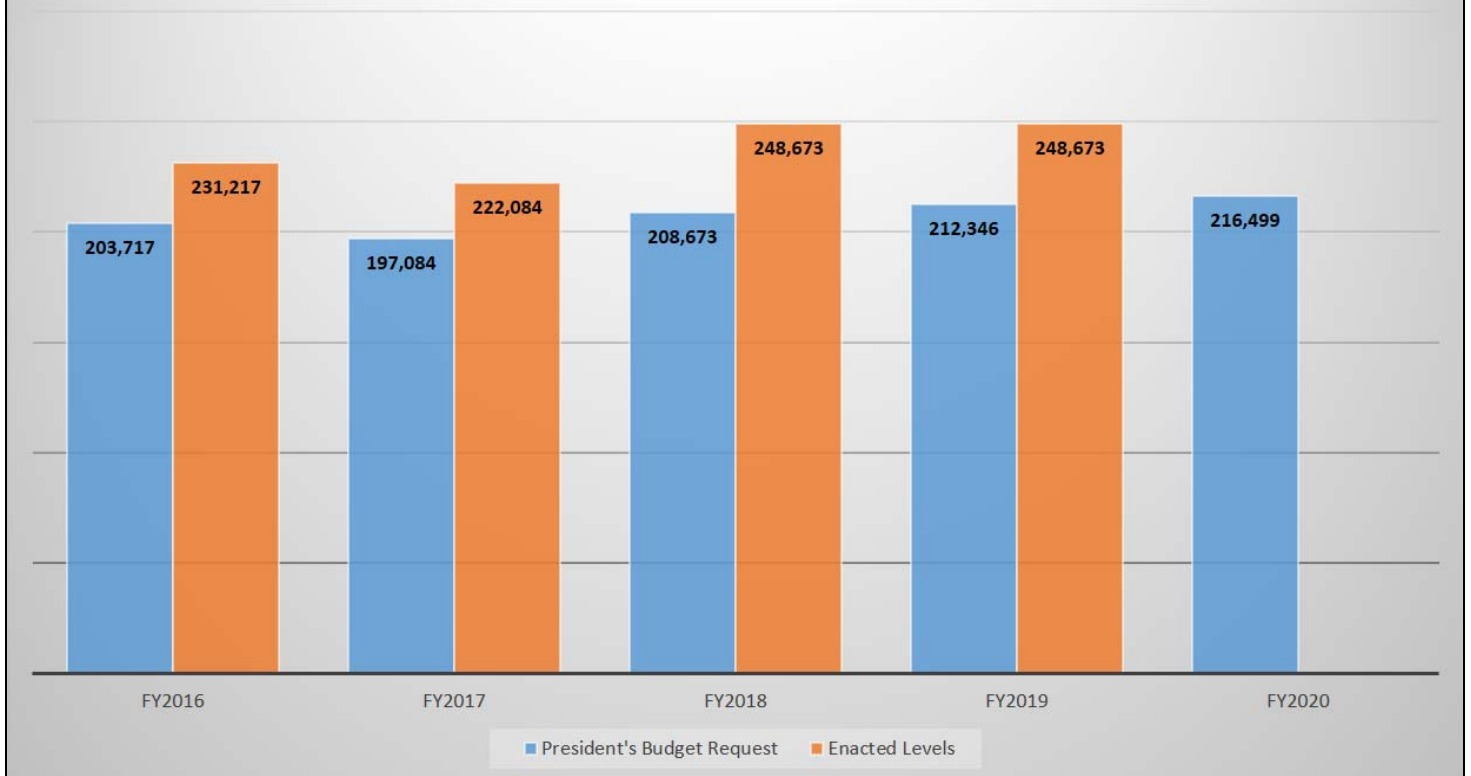
## Environmental Restoration Appropriations

(Numbers in thousands)



## Formerly Used Defense Sites (FUDS) Appropriations

(Numbers in thousands)



Our successes are attributable to the daily efforts of TLG, augmented by those of the GAC. If you have any questions or require additional information, please don't hesitate to reach out to me or our lobbyists, Brian Glackin [bglackin@livingstongroupdc.com](mailto:bglackin@livingstongroupdc.com) and Joseph Kalmin [jkalmin@livingstongroupdc.com](mailto:jkalmin@livingstongroupdc.com).

Have a great summer and I look forward to seeing many of you at our Annual Meeting in December.

Victoria Kantsios,  
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## Small Business Chairman - Mr. David Nelson

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Hello and I hope you're enjoying the 2019 summer. The Small Business Committee (SBC) has been working and following up on several activities, including:

- The SBC has been reviewing updates and activities for the 2020 National Defense Authorization Act for potential changes that might affect small businesses throughout the U.S., especially in light of the Section 809 Volume III Panel recommendations released in 2018. On Friday, July 12, 2019, the U.S. House of Representatives passed its version of the 2020 National Defense Authorization Act.
- The National Defense Authorization Act for Fiscal Year 2015 required the Small Business Administration (SBA) to end the self-certification option for participation in the Women-Owned Small Business and Economically Disadvantaged Women-Owned Small Business set-aside and sole source contracting program. Congress mandated SBA end self-certification due to the SBA Office of Inspector General and the U.S. Government Accountability Office findings that more than 40 percent of firms claiming women-owned status do not meet the program requirements for size, ownership, control and management. Consequently, millions of dollars in awards have gone to ineligible firms while legitimately women-owned firms have been forced to compete against ineligible firms. Comments to the U.S. Small Business Administration proposed rule that will change the Women-Owned Small Business and Economically Disadvantaged Women-Owned Small Business Program in a number of important ways were due by July 15, 2019. More information to follow after SBA provides the final rule.
- As of August 19, 2019, size standards will be adjusted include receipts-based size standards for 518 industries and assets-based size standards for 5 industries. The list of NAICs codes affected can be found [here](#). The increased size standards will allow growing businesses to stay small for a longer period of time and increase the number of small businesses able to compete for small business set-asides. Note that NAICs code 562910 is based on the number of employees.
- On June 24, 2019, the Small Business Administration (SBA) published its long-awaited proposed rule changing the period of measurement for a receipts-based size calculation from three years to five years. This change was prompted by the Small Business Runway Extension Act (the Runway Act), which became law on December 17, 2018. The deadline for submitting comments to the rule is August 23, 2019. SBA specifically seeks feedback on whether SBA should calculate annual average receipts over five years for all industries subject to receipts-based size standards or on whether it should use a five-year annual receipts average for businesses in services industries only and continue using a three-year annual average for other businesses. SBA also invites input on how the use of annual average receipts over five years instead of three years would impact both smaller small businesses and more advanced, larger small businesses in terms of getting access to federal opportunities for small businesses.



- On July 18, 2019, the Professional Services Council hosted an important event covering Contractor Performance Assessment Reporting System (“CPARS”) trends, their impact on contractor past performance ratings, and the consequence they have on winning federal contracts. Of particular interest is a recent trend in the sharp decline in the number of “Exceptional” and “Very Good” CPARS ratings assigned over the past few years. The government is increasingly using CPARS to evaluate past performance, and is even placing a higher importance on the past performance factor in certain procurements (e.g., OASIS), the trend towards “Satisfactory” ratings being the new norm could not come at a worse time.

Please feel welcome to join the SBC and meet with us during our monthly meetings!

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## Operations & Standards Chairman - Mr. James Salisbury -

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The mission of the Operations and Standards Committee (OSC) is to advise, and provide feedback to, government agencies on munitions response operations and standards issues in areas of safety, operations, personnel, and training. The committee provides an open forum to discuss current issues, reviews and distributes guidance documents, organizes technical webinars, and establishes teams as needed to address and find solutions to issues of concern to the NAOC membership.

To date in 2019, the OSC and its members have been involved in multiple activities, including organizing and participating in webinars, giving feedback to the government on various topics, and providing comments on government documents. In March, the OSC facilitated a webinar for the NAOC membership on MPPEH Terminology, which was presented by Mr. Jeff Brewer of the USACE EM CX. In April, OSC members also supported the M2S2 webinar on the Army Risk Management Method for assessing risks from explosive hazards, which was directed by Dr. Kari Meier, also of the EM CX. EA, ERT, AECOM, Tetrattech, and Parsons participated in this informative and well-received webinar. Another NAOC webinar followed in May, which was presented by Geometrics and provided a status on the MetalMapper 2x2. Many thanks to Jeff Leberfinger, the Technology Committee Chair, for organizing and facilitating this webinar. NAOC is currently scheduled to support another M2S2 webinar in September with the theme of CWM response. Three member firms are currently scheduled to participate, but there is room for more – please contact me ASAP if you are interested in being part of this.

Also in April, as a result of our coordination with the government, the OSC arranged for industry representatives to attend a meeting concerning the new MR-QAPP and data usability assessment for RIs. The purpose of this meeting was to support the development of the future training program for the MR-QAPP and the government indicated they found NAOC’s participation extremely helpful in this regard. OSC members AECOM, EA, Jacobs, and ISSI took part in this effort and provided excellent feedback on behalf of NAOC. Following this training development meeting, the first proper training session for the new MR-QAPP was held in Denver in mid-July. Ten member firms attended this training and additional training meetings are planned for the future, including one that will take place at the 2019 NAOC annual meeting.

In addition to these efforts, NAOC was given the opportunity to provide comments to USACE concerning EM 200-1-15, Technical Guidance for Military Munitions Response Actions in advance of its coming update. Having the opportunity to provide these comments in advance of the update was a first for NAOC and indicates the strength of our relationship with the government regarding ongoing dialogue on matters concerning the munitions response industry. In a similar vein, in coordination with the Government Affairs Committee, the OSC also attended meetings with the government to discuss industry concerns with the new

MR-QAPP, as well as issues with RFPs and performance work statements (PWSs). In the latter case, USACE reached out to NAOC to solicit input, once again demonstrating how they value industry involvement. The OSC has also worked with the Government Affairs Committee to provide ongoing feedback to the government regarding impediments to success and inconsistencies in the ways different organizations approach munitions response projects. If the membership have examples of these issues, please contact either me or Victoria Kantsios, the GAC Chair. We will continue to maintain these dialogues with the government and advocate for the NAOC membership.

The success of the OSC is the result of the active involvement of our members and I appreciate your ongoing participation. We still welcome new members, ideas, and topics for discussion, so do not hesitate to offer feedback and/or suggestions if you have them. The OSC holds monthly meetings throughout the year, so please contact me if you would like to be added to the OSC roster.

Sincerely,

James Salisbury  
Chairman, Operations, and Standards Committee  
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## Technology Chairman - Mr. Jeff Leberfinger

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The Department of Defense Advanced Geophysical Classification Accreditation Program (DAGACP) and USACE have asked for feedback from NAOC in regard to questions, challenges, and comments on implementing Advanced Geophysical Classification on projects. To advance this effort and dialogue with USACE/DAGCAP, please send any questions, challenges, or comments to Jeff Leberfinger at [jleberfinger@pikainc.com](mailto:jleberfinger@pikainc.com) by Friday August 2<sup>nd</sup>. A Tiger Team of NAOC representatives will consolidate and correlate the comments for submission to John Jackson, the DAGCAP Program Manager. USACE and DAGCAP representatives will address the industry questions/comments. USACE and DAGCAP representatives are open to a face to face meeting with NAOC representatives if comments and questions warrant a meeting.

The Geometrics MetalMapper (MM) 2x2 should be validated by the Department of Defense Advance Geophysical Classification Program in the next few weeks. Once validated, Geometrics plans to release a new data acquisition software for the MM 2x2 to address critical comments of both Industry and DAGCAP. One of the new features will be an infield inversion which will reduce the number of recollects needed reducing risk and time for AGC data collection using the MM 2x2. A NAOC webinar on May 14<sup>th</sup> with Nick Odlum of Geometrics discussed the new features and improvements in the new data acquisition software release. The webinar can be found on YouTube at the following link: <https://youtu.be/AHxGWEynpYE>.

DAGCAP is working on three Standard Operating Procedures (SOPs) to be distributed later this month. The SOPs are revision of APG DOC SOP, Synthetic Site Data SOP, and Hardware Validation SOP. GapEOD/BlackTusk are planning to validate the new UltraTEM system in late July at the Aberdeen Proving Ground (APG) DAGCAP Test Site. GapEOD / Black Tusk are aiming for production rates similar to those typically achieved by an EM61 towed array but with higher resolution data that supports informed source selection (ISS) methods. The system is being validated for Dynamic Detection and Informed Source Selection. If successful, GapEOD/BlackTusk would provide service with a transition to renting the UltraTEM to DAGCAP GCOs for projects. Also, once validated GapEOD/Blacktusk has offered to provide a NAOC webinar on the UltraTEM. White River Technologies plans to validate their OPTEMA system for DAGACP work in the fall of this year.

The Environmental and Engineering Geophysics Society (EEGS) is partnering with the European Association of Geoscientists and Engineers (EAGE) and the National Association of Ordnance Contractors (NAOC) to offer the 1<sup>st</sup> Munition Response Meeting in conjunction with the Symposium on the Application of Geophysics to Engineering and Environmental Problems (SAGEEP) on March 29<sup>th</sup> - April 2<sup>nd</sup>, 2020 in Denver, Colorado. A call for abstracts will be made this summer. In addition to the session presentations, there will also be expert panel sessions, exhibits from sensor and software vendors, and several short courses. Information on planned sessions, presentations, panels, short courses, and registration should be available by late summer/fall of 2019. A preliminary list of planned sessions is presented below:

- Perspective on Munition Response
- DAGCAP - Project / Program Lessons Learned
- Risk Assessment for Explosives Hazards
- Applications for UAVs in Munitions Projects
- Site Application of Classification Technologies
- Innovative Applications of Geophysics on MMRP Projects
- Non-Acoustic (EM and other) Methods for Marine MEC Detection and Classification
- Recent Results in Marine Acoustic Methods for Detection and Classification
- Underwater Munitions Response Operations
- Robotic Applications to MR
- Emerging Geophysical Sensors
- Alternative Positioning Systems
- Munitions Response Safety
- Data Usability Assessment
- MC Investigation
- Analog Geophysics
- Disposal Trench / OBOD (i.e. non firing range) Geophysics
- International Demining and UXO

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Two Important Conferences  
One Conference Fee

## SAGEEP 2020

### 1<sup>st</sup> Munitions Response Meeting

Two Conferences  
Professional Exhibition  
Ice Breaker  
Outdoor Equipment  
Demonstration  
Over 300 Oral and Poster  
Presentations  
Special Sessions and Speakers  
Full Schedule of Short Courses  
Conference Evening  
Unique Networking Opportunities  
Special Student Event and  
Much More!



# SAGEEP 2020

DENVER | COLORADO

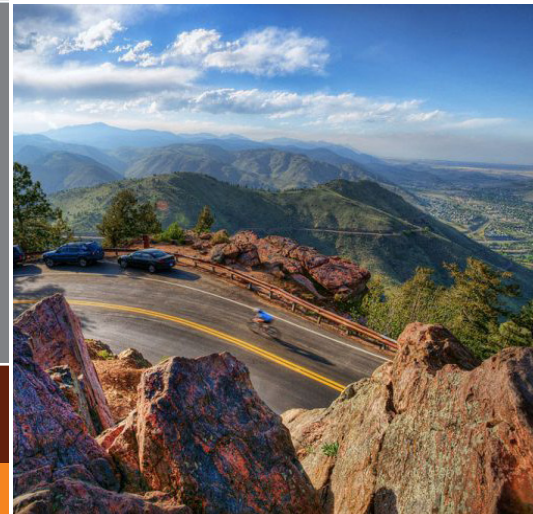
33<sup>rd</sup> Symposium on the Application of Geophysics  
to Engineering and Environmental Problems

1<sup>st</sup> Munitions Response Conference

**STAY TUNED FOR UPDATES ABOUT  
OUR EXCITING NEW PROGRAM!**

**SAVE THE DATE!**

**MARCH 29 – APRIL 2, 2020**



March 29-April 2, 2020  
Denver, Colorado

Call for Abstracts  
Late Summer, 2019

Registration Open  
January, 2020

Details and Updates  
[www.SAGEEP.org](http://www.SAGEEP.org)





# SAGEEP 2020 1<sup>st</sup> Munitions Response



## The Conferences

SAGEEP is internationally recognized as the leading conference on the practical application of shallow geophysics. Since 1988, the symposium has featured nearly 300 oral and poster presentations, educational short courses and workshops, a commercial exhibition and field trips. 2020 brings together SAGEEP and another important conference, the 1<sup>st</sup> Munitions Response meeting - both for one conference fee.

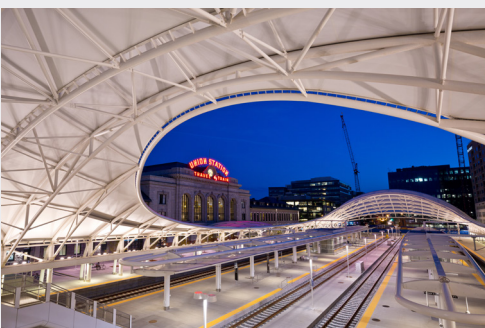


## The Exhibits/Exhibitors Outdoor Equipment Demonstrations

In addition to the Exhibition, participating exhibitors will conduct equipment demonstrations outside. Geophysics professionals interested in the latest in equipment, software and services will find it at SAGEEP 2020 and the 1<sup>st</sup> Munitions Response conferences. Over 11,000 square feet will be devoted to hardware, software, and services providers who will share the latest in products and services.



## About the City



Denver, the Mile High City, a thriving cultural scene, diverse neighborhoods, and natural beauty is one of the world's most spectacular playgrounds. Denver is situated at the base of the

Colorado Rocky Mountains. Since its Wild West beginnings, Denver has evolved into a young, active city noted for its state-of-the art transportation systems, stunning architecture, award-winning dining, unparalleled views, and 300 days of sunshine a year. The conference will be held in downtown Denver - the heart of the city and its surrounding metropolitan areas.



## The Technical Program

The Technical Program typically features nearly 300 oral and poster presentations. Technical Co-Chairs Kisa Mwakanyamale, Jeff Leberfinger and John Jackson are developing an impressive Technical Program, featuring several special sessions and speakers.



## Sponsorships and Other Supporting Opportunities

Sponsoring an event, the conferences mobile application, a luncheon, or conference materials is an effective and economic way to increase visibility for your organization, reaching a targeted audience of geophysicists from multiple disciplines.



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# Membership Chairman – Ms. Nicole Sharkey

Nicole.sharkey@westonsolutions.com



**Annual Meeting** - The Membership Committee is actively planning our 2019 Annual Meeting to be held December 10 – 13 in Scottsdale, Arizona at the Embassy Suites by Hilton Scottsdale Resort. The theme for 2019 is still being developed.

**Registration is open on the NAOC Website** [NAOC Annual Membership Meeting](#)

**Hotel Room Block Open- Room Block Link: \$121 /night** *Block will expire November 12, 2019*

## DRAFT AGENDA

- Tuesday, Dec 10, 1300-1700: NAOC Board of Directors Meeting
- Wednesday, Dec 11, 0800-1700: Speaker Sessions
- Wednesday, Dec 11, 1800: Reception and Dinner
- Thursday, Dec 12, 0900-1100: NAOC Board of Directors Meeting
- Thursday, Dec 12, 1300-1700: MR-QAPP Training
- Friday, Dec 13, 0800-1200: MR-QAPP Training

*In addition to the BOD meeting and Technical Sessions we have scheduled a training class that is open to NAOC members, invitees, and registered guests: **Stay tuned for more details to include a full agenda and speaker list in the coming months!***

- **Sponsorships** – Spotlight your firm during the Annual Meeting! Various cost levels are available consisting of: 1 - \$2,500 Platinum, 4-\$2,000 Gold, 4-\$1,500 Reception, 6-\$500 Coffee Break, and 1 Lanyard Sponsorship. All sponsorships are on a first come, first serve basis. Sponsor Firm Names and Logos will be displayed on the program Agenda, on the AV screen between presentations, and in the NAOC Calendar. The Platinum and Gold Sponsors will also be featured on the NAOC Website. See attached flyer for information on securing a sponsorship for your firm.
- **Poster Abstracts** – Exhibit your Project or Your Product at the Annual Meeting! All abstracts should be submitted by October 1, 2019 to the NAOC Secretary (Kyra Donnell: [kyra.donnell@tlisolutions.com](mailto:kyra.donnell@tlisolutions.com) . Up to 10 posters exhibits will be selected from abstracts submitted to the Member Services Committee to be evaluated by the Technology and Operations and Standards Committees. Abstracts should be project related and will be evaluated based on relevance and timeliness to the MMRP industry and importance of the project. See attached flyer for information on submitting an abstract.
- **Leadership Award** - We are seeking nominations for the 2019 Leadership Award. Each year, NAOC selects two highly qualified individuals as recipients of its Leadership Service Award, one representing government and the other representing industry. The award program is designed to recognize significant contributions made by individuals that have provided “Leadership” to advance the image, goals, and professionalism of the NAOC. See attached flyer for information on submitting a nomination for the Leadership Award.
- **Dues** - Member firms are holding steady since last year and most firms have paid their annual dues. Please contact Alison Paski as soon as possible if you have not paid your dues to arrange for payment. We do take credit cards for payment.

Nicole Sharkey  
Member Services Committee, NAOC  
[Nicole.sharkey@westonsolutions.com](mailto:Nicole.sharkey@westonsolutions.com) 434.996.7650



# Spotlight Your Firm

## NAOC 2019 Annual Meeting! SPONSORSHIP OPPORTUNITIES AVAILABLE

Contact your Member Services representative NOW to secure one of these limited opportunities to spotlight your firm:

- ✓ **Platinum (\$3,000)** – Only 1 available - Top billing for your firm on all sponsorship posters/slides. Listed on the NAOC Website 2019 Annual Meeting Page. First Choice of Calendar months to highlight your firm and listed on the Cover of the Calendar.
- ✓ **Gold (\$2,000)** – 4 available – 2<sup>nd</sup> billing on all sponsorship posters/slides. Listed on the NAOC Website 2019 Annual Meeting Page. A full 1 page in the Calendar.
- ✓ **Reception (\$1,500)** – 4 available – Firm name and logo displayed at the Reception and a full 1 page in the Calendar.
- ✓ **Coffee Break (\$500)** – 6 available – Firm name and logo displayed at a coffee break and a ½ page in the Calendar.
- ✓ **Lanyard (\$TBD)** – Only 1 available – Your firm name and logo promptly displayed next to the NAOC logo on every lanyard provided during the 2019 Annual Membership Meeting. Lanyard designs must be approved by the Membership Committee before purchase.

All sponsorship Firm Names and Logos will be displayed on the program Agenda and on the AV screen between presentations.

Sponsorships are available on a first come, first serve basis by emailing the Member Services Committee Chairperson, Nicole Sharkey at [Nicole.Sharkey@WestonSolutions.com](mailto:Nicole.Sharkey@WestonSolutions.com)

To secure your sponsorship, checks or credit card forms need to be sent to Treasurer by

**September 1, 2019**

Ms. Alison Paski  
c/o NAEVA Geophysics, Inc.  
PO Box 7325  
Charlottesville, VA 22906



# 2019 Leadership Awards Presented at the General Membership Meeting

## Submit Your Nominations Now!

Each year, the NAOC selects two highly qualified individuals as recipients of its Leadership Service Award, one representing Government and the other representing Industry.

The award program is designed to recognize significant contributions made by individuals that have provided "Leadership" to advance the image, goals, and professionalism of the NAOC.

Please consider submitting a nomination for our Government and Industry awards. Nominations are accepted throughout the year, but closed for a given year 60 days prior to the award date. See "Leadership Award Nominations" on the Member's Portal for information and links to nomination forms.

Nominations for awards can be submitted electronically to the NAOC Secretary.

Nominations not selected for an Award shall be retained for a period of 2 years for reconsideration after which these will be discarded.

## Additional Information

- Awardees are selected among qualified nominations submitted by any Member in good standing.
- Nominations are accepted throughout the year; however, nominations for 2019 will be closed October 11<sup>th</sup>.
- Nominees are selected by a Selection Board convened by the Member Services Committee and consisting of a representative from each of the standing committees and one of the Board of Directors.

## Description and Location of Nomination Form:

<http://naoc.org/leadership-award-nominations>

## [Leadership Award Nomination Form](#)

The Leadership Award will be presented at the General Membership Meeting Reception

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*Wednesday, December 11, 2019  
Scottsdale, AZ*

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The Reception is open to NAOC members, invitees and registered guests.

**Submit Your Nominations to the NAOC Secretary**  
Kyra Donnell: [Kyra.Donnell@TLISolutions.com](mailto:Kyra.Donnell@TLISolutions.com)

## Previous Recipients:

### Industry

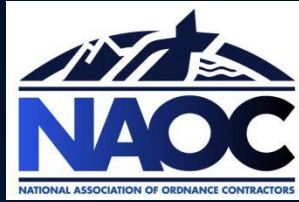
2018 - Mr. John Allan  
2017 - Mr. Hud Heaton  
2016 - Mrs. Kyra Donnell  
2015 - Mrs. Suzy Cantor-McKinney  
2014 - Mr. Richard Hanoski  
2013 - Ms. Heather Polinsky  
2012 - Mr. Robert T. Fay, Sr.  
2011 - Mr. Doug Lamothe  
2010 - Mr. John Chionchio  
2009 - Mr. Ben Redmond  
2008 - Mr. Chuck Thiesen



### Government

2018 - Mr. John Sikes  
2017 - Mr. Bill Sargent  
2016 - Mr. Herb Nelson  
2015 - Congressman Sam Farr  
2014 - Mr. Robert Selfridge  
2013 - Mr. Chris L. Evans, P.E., PMP  
2012 - Mr. J.C. King  
2011 - Mr. Chris Penny  
2010 - Ms. Carol Youkey  
2009 - Congressman Earl Blumenauer  
2008 - Mr. David Douthat





## Annual Membership Meeting December 2019

## Exhibit Your Project or Your Product

Abstracts Now Being Accepted

Up to 10 poster exhibits will be selected from abstracts submitted to the Member Services Committee to be evaluated by the Technology and Operations and Standards Committees.

- ✓ Abstracts should be project related and will be evaluated based on relevance and timeliness to the MMRP industry and importance of the project in regards to the problem addressed/lesson learned.
- ✓ If the abstract is about a product or service it will be evaluated based on relevance and timeliness to the MMRP industry and importance on one or more project in regards to its performance, increased safety, and/or cost savings.
- ✓ Abstracts should summarize the proposed content of the material to be presented.
- ✓ Abstracts co-authored/presented with Government personnel will be given precedence.
- ✓ The body of the abstract should not exceed 300 words, text only.
- ✓ All abstracts submitted by **October 1** will be considered. Selections will be announced **November 1**.
- ✓ Maximum poster size is 4 feet wide and 3 feet high. Larger sizes are unstable when bumped.

Submit your abstract, by **October 1** via email to the NAOC Secretary (Kyra Donnell) :  
[Kyra.Donnell@TLISolutions.com](mailto:Kyra.Donnell@TLISolutions.com)