



## April 2020 Newsletter

I hope this newsletter finds you well and that you and your loved ones are safe amid the pandemic. March was an unprecedented month, not just for the National Armaments Consortium, but for our entire industrial base. I have had numerous conversations with many members, and I am so impressed on how well everyone is continuing to perform given the precautions and restrictions we all face.



Both AMTC and DOTC Program Teams continue to work diligently to make new awards, process modifications, and work on EWP evaluations for our members. In March, DOTC made 9 new awards and AMTC made 7 new awards.

The NAC Leadership Team has been working closely with DOTC and CCNJ to develop a new process aimed at streamlining awards for both DOD customers and our members. Our target date for the new process to be finalized is 1 June. The new process will not affect any of your existing EWPs that are in the basket or in the evaluation pipeline. The DOTC team is also working the backlog of EWPs that are in the selection-to-award stage.

The NAC community has really leapt into action and made major contributions as part of the COVID-19 response. One of our NAC large businesses had five of their locations use their engineering expertise and 3D printers to urgently produce over 150 thermoplastic ventilator adaptors to convert BiPAP machines into

a closed system that can be used to treat COVID-19 patients who are having respiratory problems. The adaptors are currently in evaluation testing.

Other NAC member highlights are included in this newsletter below. Please let us know of your success stories related to helping our nation navigate this pandemic! Stay safe and don't hesitate to reach out if you need anything.

*Sincerely,  
Charlie Zisette  
Executive Director*

## Member Spotlight

# **BATTELLE**

The NAC membership includes incredible companies that support the warfighter and the communities in which they operate. This month, NAC News is highlighting the good work of [Battelle](#), which received national recognition for its work to sanitize N95 masks for reuse and development of rapid testing.

Battelle, is a not-for-profit research and development organization, which has world-class capabilities across a wide range of armaments technology including explosives, munitions, ordnance, hypersonics, energetics, cyber ops, sensors, survivability, payload and demilitarization RDT&E.

Battelle's company mission is *innovation for the good of humanity*. Battelle has found that the shortened timelines and open communications through the OTA process speeds up the available solutions for warfighters. In addition, the collaboration and competition with fellow NAC organizations ultimately brings forth innovative solutions—resulting in good outcomes for our warfighters.

Battelle is a founding member of the NAC, and when asked about the value of the NAC, the company stated:

*“The NAC is invaluable—both to Battelle and its other members and for those it ultimately serves—our warfighters. Battelle is honored to be a member of NAC alongside so many highly capable, like-minded*

*organizations—all focused on the same mission—supporting our armed forces. Battelle appreciates that the NAC provides space for defense contractors to support rapid innovation hand-in-hand with the government scientists and engineers who are solving the most challenging problems facing our armed forces.”*

A significant project that Battelle has been a part of since June of 2018, is the **Future Grenades and Demolition Systems Development Program** (DOTC-16-01-INIT0021). As part of this project, Battelle designed, assembled and provided testing support for ordnance items and systems, such as the XM111 Offensive Hand Grenade (OHG) and the non-electric initiator system for the Anti-Personnel Obstacle Breaching System (APOBS).

Fun fact: Battelle owns and operates the largest privately owned blast chamber in the United States.

Additionally, participation in this program has provided Battelle with the opportunity to support shaped charge design, method development, and prototype characterization testing efforts. For these efforts, Battelle has been able to utilize explosive handling, processing (i.e., powder pressing, melt-pour), and energetics testing capabilities as well as leverage their component design and validation and verification testing expertise. All of these activities have resulted in obtaining key performance data and design improvement analyses for the above-listed systems.

*“We’re all better because of NAC.”*

If you have any further questions or would like to connect with Battelle, please reach out to Duncan Langlois at [LANGLOISD@battelle.org](mailto:LANGLOISD@battelle.org).

## NAC Gives Back

Over the past several weeks, NAC members provided substantial assistance to our nation and the world as part of the response to the COVID-19 crisis. On behalf of the entire NAC community, we thank you and are pleased to showcase some of this truly incredible work:

- The Battelle Memorial Institute stepped up to address the shortage of N95 masks by creating a process for sanitization

using vaporized hydrogen peroxide. Their effort has resulted in the decontamination of 80,000 masks a day . Battelle has also, in conjunction with The Ohio State University Wexner Medical Center, [developed a new rapid, sensitive diagnostic test for COVID-19](#).

- [Boeing donated three oversized cargo planes](#) to assist in the distribution of coronavirus-related supplies and printed 3D face shields for healthcare workers.
- [3M is seeking to double its global production of N95 respirator masks](#) while also working with e-marketplace operators on a plan to identify and remove counterfeiters and price-gougers from their sites. 3M also partnered with Cummins to increase the production of high efficiency particulate filters for use in powered air purifying respirators.
- Honeywell has doubled its production of N95 masks and intends to increase its capacity fivefold within the next 90 days. [This jump in production has also led to 500 jobs being created in Arizona](#).
- Lockheed [has donated use of its corporate aircraft](#) and vehicle fleet for medical supply delivery, and is donating the use of their facilities for crisis-related activities.
- In the UK, four NAC member companies -- Rolls-Royce, Thales, Meggitt Defense Systems, and BAE --banded together to aid in the production of 10,000 medical ventilators for coronavirus patients. [Read more about their story here](#).

We know that many other companies are taking significant steps to address this crisis. Please let us know what you are doing, and we'll feature it in the next newsletter or on social media.

Keep up the great work!

## Welcome to the Newest NAC Members

**The NAC is proud of the steady growth of members who share our mission and passion to prepare the warfighter for the future.**

**Welcome the latest round of new members from March:**



- [Alare Technologies, LLC](#)
- [Cortina Solutions, LLC](#)
- [DeLUX Engineering, LLC](#)  
[DBA DeLUX Advanced Manufacturing, LLC](#)
- [EndoSec LLC](#)
- [Fiore Industries, Inc.](#)
- [Hanwha International, LLC](#)
- [ITSC Secure Solutions, LLC](#)
- [SECOTEC, Inc.](#)
- [Rafael Systems Global Sustainment, LLC](#)

- [Science, Engineering, Management Solutions, LLC](#)
- [TETAC Inc.](#)
- [Scientific Applications & Research Associates \(SARA\), Inc.](#)
- [Titan Robotics, Inc.](#)
- [Techximus Corp](#)
- [Volunteer Aerospace LLC](#)

## #ICYMI -- In Case You Missed It

Here are some industry articles worth a quick read:

- [Pentagon Signs Contract To Produce More U.S. Javelins For Ukraine - Via Radio Free Europe Radio Liberty, March 3, 2020](#)
- [Boeing, Lockheed win U.S. Space Force contracts to develop satcom payloads - By Sandra Erwin for Space News, March 4, 2020](#)
- [Space Force's 2021 budget plan is heavy on satellites and launch - By Sandra Erwin for Space News, March 6, 2020](#)
- [DynCorp Gets \\$95M Task Order for Afghan Air Force Helicopter Logistics Support - By Matthew Nelson for GovConWire, March 6, 2020](#)
- [Elbit Systems nabs \\$471.6M to provide warning systems for F-16s - By Christen McCurdy for UPI, March 6, 2020](#)
- [The MDA is still in charge of hypersonic-tracking space sensors - By Nathan Strout for Defense News, March 17, 2020](#)
- [Non-Traditional Defense Companies Can Provide the Military With Unique Capabilities - By Dan Goure for Real Clear Defense, March 28,](#)

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- [Here's how COVID-19 is impacting the US Air Force's most important weapons programs](#) - By Valerie Insinna, for Defense News March 27, 2020

## Member Announcements



Do you have a company or individual announcement? Please email [chris.clark@ati.org](mailto:chris.clark@ati.org) to be added to the May Newsletter.