SENEDIA

The Alliance for Defense Tech, Talent, and Innovation

Partnership Newsletter

July 2024

Happy July! I am pleased to update the partnership that SENEDIA has been awarded an extension to our effort from the Department of Defense to continue to support all of the New England submarine industrial base suppliers with workforce and supply chain resources and programs through the end of 2024. If you are looking to hire candidates out of one of the partnership's accelerated training pipelines, send your technicians and production staff to a trades training, or bring on an intern, SENEDIA can now support you through the end of December. Visit **Submarine.SENEDIA.org** today to apply or feel free to reach out to me directly.
-Tim Fox, SENEDIA Director of Operations

Partnership Updates and Information

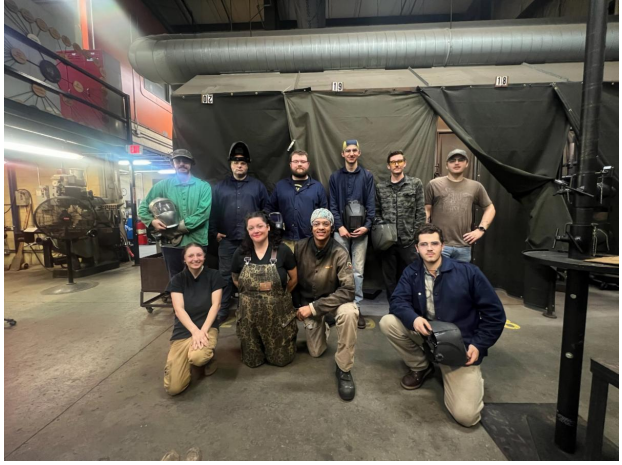
Connect with the Partnership on the next Quarterly Meeting

The next quarterly meeting of the New England Submarine Shipbuilding Partnership is scheduled for Wednesday, August 14th, at 9AM EDT. This meeting is an opportunity for you to connect to your fellow suppliers and stakeholders of the New England submarine industrial base.

Quarterly Meeting Agenda
9:00AM - Welcome
9:10AM - Partnership Updates
9:20AM - Key Stakeholder Updates
9:30AM - Partnership Stakeholder Presentation - MIT TechAMP
9:50AM - Open Discussion/Support Requests
10:00AM - Adjourn

Register to Attend

1st Cohort of Welders to Graduate Manchester Community College



Manchester Community College's Workforce Development Program in Manchester, NH is in the final phase of its Accelerated Welding Program. The 12-week program supported by SENEDIA and Granite State Manufacturing will graduate 9 students on August 14 who will be equipped with the specialized skills to excel in the submarine construction welding sector. The demand for skilled welders is at an all-time high, these students have drawn significant interest from regional employers having met with Granite State Manufacturing, and the Portsmouth Naval Shipyard and are scheduled to meet with several more. The training includes welding fundamentals, covering the four major welding processes, MIG/TIG welding, blueprint reading, and math.

To connect with these candidates, **email Chuck Neild**.

Free Training Programs

Machinist Programs

Nashua Community College (NH)

Center for Manufacturing Technology (MA)

Welding Programs

Manchester Community College (NH)

Email Tim Fox if you are interested in hiring candidates out of these programs, attending one of these programs, or starting a program in your area.

Highlight your Workforce Demand Signal

SENEDIA has facilitated the development of regional training network through its New England Submarine Shipbuilding Partnership. We select locations of the regional training network based on the workforce demand signal from suppliers in that area. To help facilitate the development of training programs in your area, please complete the **Workforce Demand Signal form**.

Training Funding is Available

Do you need to upskill a veteran employee, or get a certification for a new hire? Funding is available through the New England Submarine Shipbuilding Partnership's Incumbent Worker/New Hire Trades and Industrial Skills Training Program. Employers can receive reimbursements for up to $30,000 per company, $10,000 per trainee for trades and industrial skills training programs. To access this funding, please complete the **form here**. Additional information on this program can be found at **Submarine.SENEDIA.org/Training/**.

Strategic Partner Updates and Information

Team Submarine Update

Connecticut lawmakers, Navy launch maritime workforce campaign to attract submarine builders

Two Connecticut House members have launched a new "maritime workforce campaign" in conjunction with the Navy and industry that aims to attract workers to the shipbuilding industry and improve submarine output, according to a Tuesday announcement from House Armed Services seapower and projection forces subcommittee Ranking Member Joe Courtney (D-CT).

The initiative, titled "Hire Hartford," is a collaborative effort between Courtney, fellow House Democrat John Larson (CT), the Navy, Connecticut-based shipbuilder General Dynamics

Electric Boat and other workforce partners and suppliers, according to the announcement.

Read the full article

Maine Maritime Academy and ORBIS Launch Innovative Skills Trade Program
In an exciting collaboration, on July 8, 2024 Maine Maritime Academy and ORBIS Sibro, Inc. kicked off the first phase of the Naval Shipyard Institute (NSI) workforce development program with a six-week period of hands-on instruction at the Maine Maritime Academy. This phase is tailored to equip 51 trainees with the essential technical skills and theoretical knowledge required for the maritime and shipbuilding industries. The Academy's state-of-the-art facilities and experienced instructors offer an immersive educational experience, ensuring that participants gain a solid foundation in their chosen trade.

Throughout the first three weeks of the first phase, the 51 NSI trainees have made significant progress learning skills in one of four trade skills: welding, marine electrical work, as well as inside and outside machining operations.

After completing the first phase, trainees move on to an eight-week period of hands-on training at the Portsmouth Naval Shipyard (PNSY) in Kittery, Maine. This second phase is where participants apply their newly acquired skills in a real-world environment, working alongside seasoned professionals on actual shipyard projects. PNSY, known for its critical role in maintaining the U.S. Navy's fleet, provides an ideal setting for trainees to hone their skills and gain practical experience.

“So far I like the program…I’ve learned a lot, not like at school” said NSI Marine Electrician trainee Christopher Ramos. “It’s fast-paced but I’m picking it up.”

The ultimate goal of the program is to prepare trainees for potential employment as skilled laborers at the Portsmouth Naval Shipyard; greatly increasing the time between their hiring and their ability to make a productive contribution within the shipyard. With the shipyard's ongoing need for skilled workers, this program not only addresses a critical workforce gap but also offers trainees a pathway to stable, well-paying jobs in the maritime industry.

This collaborative effort between Maine Maritime Academy and ORBIS Sibro, Inc. exemplifies the power of partnerships in workforce development. By combining educational excellence with practical, on-the-job training, the program ensures that graduates are well-equipped to meet the demands of the industry and contribute to the shipyard's mission. As the first cohort of trainees embarks on this journey, the program is poised to make a lasting impact on both the participants and the broader maritime community.

New England Talent Pipeline Project Update

Meganne Atkins, AUKUS Executive Director for Team Submarines for the US Navy recently visited various employers in the New England Talent Pipeline Program showing the Navy support for its Suppliers on 19 and 20 June 2024. During her visits, she discussed the importance of meeting the demand of future delivery of 1 Columbia and 2 Virginia class submarines, plus Carriers and Surface ships annually, sustainment of in-service submarines and ships, and support for international partnerships. Meganne highlighted the benefits and opportunities of continuing to Partner in the Navy Talent Pipeline Program and intern was able to hear feedback from these Suppliers on their experiences with the Supply Chain and participating in the Talent Pipeline Program. Meganne also engaged in discussions with employers about their concerns and suggestions, ensuring a collaborative approach to strengthening the relationship between the Navy and its Suppliers.

Employers Visited:

Samtan Engineering Corporation, a Fairbanks Morse Company
Globe Composite Solutions
The Entwistle Company
Hutchinson Aerospace and Industry

The overall Impact of these visits helped strengthen the relationship between the Navy and their Suppliers and to ensure future initiatives will be met for National Security measures.

Connect to the New England Talent Pipeline Project
If you are interested in joining the Navy's New England Talent Pipeline Program, please reach out to Flag Lead Ambrose "Bo" Brewer at ***abrewer@tmgva.com*** *or by cell* ***757-869-2605****.*

News

Articles of Interest

SECNAV Del Toro Announces Michigan Maritime Manufacturing Initiative

Secretary of the Navy Carlos Del Toro announced the Michigan Maritime Manufacturing Initiative (M3), a federal, state and local partnership to help rebuild the maritime industrial base workforce the Navy needs, July 22. M3 will focus initially on submarine production skillsets before it expands to other types of ships. Secretary Del Toro announced M3 at Macomb Community College, one of many academic partners throughout Michigan committed to developing the future maritime workforce.

The Pentagon is paying a consultant up to $2.4B to boost submarine production

Deloitte Consulting has won a potential five-year, $2.4 billion contract to work with the Navy and Defense Department on their efforts to modernize and expand the submarine industrial base.

Deterrence and alliance power: Why the AUKUS submarines matter and how they can be delivered

A powerful presence in the underwater environment is core to Australia's future defence and it can be delivered.

Report to Congress on SSN(X) Next-Generation Attack Submarine

The latest report by the Congressional Research Service on the Navy's Next-Generation Attack Submarine (SSN(X)) Program: Background and Issues for Congress.

Stay up to date with the latest news and information from the New England Submarine Shipbuilding Partnership news by joining our LinkedIn Group.

To view past newsletters, visit **Submarine.SENEDIA.org/newsletters**

Partnership LinkedIn Group

Stakeholder Highlight

LEAP Group at MIT

Cambridge, MA

The MIT Learning Engineering and Practice Group (LEAP Group), led by Dr. John Liu, applies design and systems principles to solving challenges in learning and develops learning experiences to better meet the increasing demand for STEM skills in tomorrow's workforce. Our research-to-practice approach includes the focus areas of mixed reality, simulations and haptics, educational technology, MOOC and blended learning, and curriculum development to enhance and scale engineering education and training. We are a group in MIT's Mechanical Engineering Department.

How can your organization help current and potential suppliers in the New England submarine industrial base?

We are currently developing workforce development curricula for the Technologist Advanced Manufacturing Program (TechAMP). We also design augmented reality and virtual reality-based training modules, and can partner with organizations on projects to develop specialized training.

Call to Action

To enhance the program's prestige, we are seeking real-world examples from companies that can be integrated into our coursework. These case studies will be incorporated into the online videos, so have a wide potential audience.This initiative presents a valuable opportunity for both your organization and our students. It provides students with a clear understanding of the "why" and "who" behind their studies, while also serving as an impactful marketing campaign for your company. Please reach out to Meredith if you would like to share examples from your company in this project.

Get Connected

Meredith Thompson
Email Meredith
Call Meredith

Calendar

14 August 2024 - **New England Submarine Shipbuilding Partnership Summer 2024 Quarterly Meeting**

4 October 2024 - **New Hampshire's Advanced Manufacturing and High Technology Summit**

Stay up to date with the newly launch **New England Submarine Shipbuilding Event Calendar**

Resources

Submarine.SENEDIA.org
Connect to training and internship funding, supply chain and resource databases, and educational resources.
BuildSubmarines.com
Connect to interested talent or post your job openings.
General Dynamics Electric Boat Supplier Page
Learn how to connect to General Dynamics Electric Boat.
New England Talent Pipeline Project
Learn about talent attraction and retention programs and resources.

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