

TIDEWATER TIMES

AMERICAN SOCIETY OF NAVAL ENGINEERS TIDEWATER SECTION



MARCH 2024 NEWSLETTER

ASNE TIDEWATER “QUICK LOOK”

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Apr. 17, 2024	ASNE TW Dinner / Meeting Program Speaker: Ms. Erin Gatling	
June 8-9, 2024	2024 ASNE-Sika Ultimate Build-A-Boat Challenge	

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CHAIR'S LETTER TO THE MEMBERSHIP

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Greetings Tidewater Members and Friends,

We continue to have some great speakers at our monthly dinner / meetings. If you did not make it to the dinner last month, you missed **Ms. Elizabeth Nashold, P.E.**, SES, Deputy Commander, Naval Information Forces Command. She gave us a great brief on how important information warfare is in the total warfare capability of our deployable ships, submarines and aircraft, and in bringing the fighting against those who want to do harm to us and our allies.

For March (thanks to **Courtney Culpepper**), we lined up **Matthew A. Zirkle**, Rear Admiral, U.S. Navy (Retired), Regional Director, Submarine Industrial Base. He should bring a great perspective on what we all have been struggling with - workforce.

For April, Courtney also helped arrange **Ms. Erin Gatling** as guest speaker. Erin is literally a "rocket scientist". She was raised in Hampton Roads and graduated from Western Branch High School in Chesapeake. She went to North Carolina State for Electrical and Electronics Engineering and then landed a job at NASA. She shared a cubicle with **Elon Musk** and was part of the start-up of SpaceX where she was the leader of the Falcon Heavy projects. After meeting her husband at NASA and SpaceX, they decided to retire early to start a family. What better way to do this than take their family around the world on a sailboat! Afterwards they returned to Hampton Roads and became owner of two marinas. Erin is co-owner of Electrified Marina which is bringing electrical propulsion to the commercial pleasure craft world. She brings a lot to ASNE including promotion of women engineers, support of PEP, and Marine Electrical Engineering. FROM SPACE TO MARITIME!

Elections for officers for the program year 1 July 2024 through 30 June 2025 will be coming up this spring. **Renee Reedy** is chairing a Nominating Committee to help manage the elections. If interested in running for office (Vice Chair, Secretary, Treasurer), or being part of the Nominating Committee, please reach out to Renee at reneereedy@cox.net.

Membership --- Membership ---- Membership

Lastly, do not forget about the upcoming events. Support and volunteers are needed:

- PEP Competition: 15-16 April 2024 @ First Landing State Park, VA Beach
- Build a Boat Competition during Harborfest: 8-9 June 2024 @ Towne Point Park, Norfolk
- MACC 2024: 16-18 July 2024 @ Renaissance Hotel, Portsmouth
- ASNE TW Golf Tournament: 16 September 2024 @ Cypress Point Golf Course, VA Beach
- FMMS 2024: 17-19 September @ VA Beach Convention Center

Best regards,

Joe

Joe Kosteczko
ASNE TW Section Chair
ASNE.Tidewater.Social@gmail.com



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ASNE TW DINNER/MEETING PROGRAM MARCH 2024

The ASNE Tidewater Section will hold the next dinner/meeting program on **March 20, 2024**. Our guest speaker is **Rear Admiral Matthew Z. Zirkle**, U.S. Navy (Retired), Regional Director Submarine Industrial Base. We look forward to seeing you!

Place: [Holiday Inn Virginia Beach-Norfolk at 5655 Greenwich Road, Virginia Beach](#)

- Members: \$35 in advance / \$37 at the door
- Military: \$20 in advance / \$25 at the door
- Non-members: \$40 in advance / \$42 at the door
- Students: \$10 in advance / \$15 at the door

Time: 5:30-6:00pm Cocktails and Networking; 6:00-8:00pm Dinner and Program

Please register on our [website](#) by **noon Monday March 18th**.

As Deputy Director, Integration for the Submarine Industrial Base (SIB), Matt Zirkle broadly supports the U.S. Navy’s mission to build one Columbia-class ballistic missile submarine and two Virginia-class attack submarines per year. Additionally, Zirkle oversees SIB workforce development programs in Virginia and the Mid-Atlantic region.

A qualified submarine warfare officer, Zirkle served for 36 years in the U.S. Navy and Navy Reserve retiring as a two-star admiral. While on active duty as a flag officer, his assignments included Commander, Submarines NATO and Chief of Staff, U.S. Naval Forces Europe/Africa and the SIXTH Fleet. He also commanded nine Navy Reserve units.

In his civilian career, Zirkle has held leadership roles in marketing, sales and general management across several industries. Most recently he served as president and CEO of Defense Maritime Solutions, a leading provider of OEM propulsion systems and services to the US Navy and Coast Guard.

A graduate of the University of California at San Diego, Zirkle earned a Bachelor of Arts degree in Mathematics/Computer Science. He also holds a Master of Business Administration degree in Marketing from Cornell University.

Zirkle is an active supporter of the Scouts BSA program in which he has been recognized for his service by the National Eagle Scout Association as an Outstanding Eagle Scout. He is also a life member of the Naval Submarine League and Navy League of the United States.





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February 2024 Dinner/Meeting Program Highlights

We were very pleased to have NAVIFOR Deputy Director, **Ms. Elizabeth Nashold**, speak at the Tidewater Section's February 21st dinner/meeting. Ms. Nashold provided an overview of NAVIFOR Type Commander responsibilities managing the manpower, training, modernization, and maintenance needs of the Information Warfare community, followed by a Q&A session.

Be sure and join us for next month's dinner/meeting on March 20th. **Matthew A. Zirkle**, Rear Admiral, U.S. Navy (Retired), Regional Director, Submarine Industrial Base, will our guest speaker.





American Society of Naval Engineers Tidewater Section

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Maritime Conference at ODU

Free event! Please RSVP by April 8, 2024

Who should attend?

Students: learn about the maritime industry, including employment & internship opportunities

Faculty: network with industry representatives

Industry: learn about Maritime at ODU, and network with faculty and students

For agenda and more information, please visit:
odu.edu/maritime

Thank you to our sponsors: Coastal Virginia Adaptation & Resilience Consortium, and Honor Builders

[Click here to RSVP](#)

You are cordially invited to attend a

Maritime Conference

Friday, April 12th, 2024

Featuring keynote address by
Rear Admiral Ann C. Phillips, US Navy (Ret.)
*Administrator, Maritime Administration,
U.S. Department of Transportation*

2:30 P.M. - 6:00 P.M.
Darden College of Education and
Professional Studies Building,
Multipurpose Auditorium, 1st Floor

Followed by an
**Art Exhibition Grand Opening
and Reception**

*Message in a Bottle:
Picturing Maritime Culture in Hampton Roads*

6:00 P.M.
Barry Art Museum



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Committee Corner

Multi-Agency Craft Conference (MACC) Committee

The MACC Committee has been actively working the upcoming MACC planning since September 2023. They've engaged Headquarters and the Portsmouth City Council on what is shaping up to be a great event in Downtown Portsmouth. MACC is scheduled for July 16-18, 2024.

The Committee is working on outreach for participants and sponsors, actively engaging city leadership to include school programs with the next generation of aspiring Engineers, and involving local USCG and Navy representation. This event has had Portsmouth **Mayor Shannon Glover's** attention since last year and he has been personally involved with our local team since then to ensure this year's event is bigger and better. If you'd like to join this high energy team, please reach out to **Andy Vasquez** at mightymo5@verizon.net or **Courtney Culpepper** at courtney@courtneyculpepper.com.

2024 Golf Tournament

We have a committee, a venue, and officially kicked off planning. The committee will be reaching out for assistance in the near future, look for a note or listen up for an announcement at dinner.

If you would like to participate and help plan our local ASNE event that benefits the ASNE Scholarship fund, please reach out to the committee co-chairs (collectively).

Calvin Smith - calvins@standardcal.com
Nicole Rogers - nrogers@weldamerica.com
Cliff Shearer - cliff.shearer@blueravencorp.com
Tom Bray - lawrence.bray@cox.net



Other News

- **RADM Mark A. Hugel** named 2024 Portsmouth First Citizen, [RADM Mark A. Hugel named 2024 Portsmouth First Citizen | WAVY.com](#)
- **Ray Weber** gave an oral history on the commissioning and sail away of the USS ALREIGH BURKE DDG51. This was in support of the USS Arleigh Burke Association/Foundation and the National Museum of the Surface Navy.
[Surface Navy Museum | Bring Adventure to the Surface Oral History Project – USS Arleigh Burke Association](#)
- There is an opportunity for a **free** one-year membership for government employees (uniform or civilian). **RADM(ret) Mark Whitney** has graciously created a fund to help with membership for government employees for 2024. If interested in this opportunity please go to <https://www.navalengineers.org/register> to create a profile using a government e-mail address. If there is already a profile with no membership history, please use the password recovery to ensure you can log in. Next, e-mail membership@navalengineers.org with a message identifying yourself and the section (Tidewater) or person (Joe Kosteczko / Mark Whitney) referring you, along with a note about the opportunity for a free membership.





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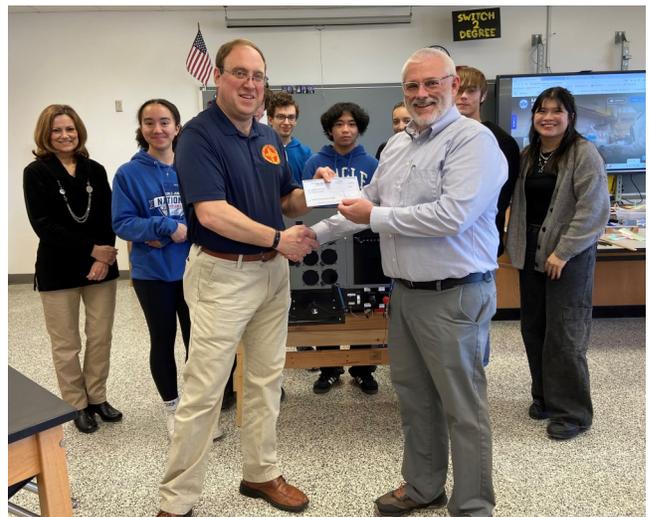
ASNE TIDEWATER STEM AWARD

On March 1, 2024, the ASNE Tidewater Section was thrilled to present a STEM award to Landstown High School and the Landstown Governor’s STEM Academy. The specific program the award benefits is the Academy’s Aerospace Technology 1 & 2 Courses. These courses promote interest in the fields of aviation such as aerospace engineer, commercial and general aviation, air traffic control, and aviation mechanics. Naval engineering is also a field that is frequently discussed in the class. The STEM award will be used to enhance a flight simulator (pictured right), donated by Old Dominion University.



ODU’s Office of Enterprise Research and Innovation possessed the Cessna 172 control panel simulator. It was constructed for a previous project but was no longer being used. The Academy was excited to receive it. The simulator can provide students with basic knowledge and skills of how to fly a Cessna 172 and likely expand their interest in the world of aviation.

Some of the components of the simulator were not provided; therefore, the STEM award will help pay for the software and hardware needed to make the simulator operational.



ASNE TW Chair **Joe Kosteczko** presents the check to **Keith Leonard**, the Academy’s Physics, AP Physics and Aerospace Technology instructor.





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ADVANCED MACHINERY TECHNOLOGY SYMPOSIUM



Advanced Machinery Technology Symposium

April 30-May 2, 2024 | Philadelphia, PA

[Lock in your Registration Today!](#)

If you missed AMTS 2022, you don't want to miss AMTS 2024! AMTS returns May 1st at the Delta Hotel Philadelphia, conveniently located near Philadelphia International Airport and NSWCPD. Register today and save with early registration rates.

The AMTS planning committee is busy crafting a robust agenda featuring both NSWCPD and industry leadership, in-depth technical papers, informative panels, and exclusive networking opportunities to provide you with the crucial insights necessary for fostering successful partnerships.

Researchers: The call for papers is now open. Visit the AMTS event page for more information on abstract submission details as well as potential topics. Abstracts are due January 19th with author registration opening after accepted papers have been selected.

Looking to elevate your organization's brand and gain valuable exposure in front of the AMTS audience? Whether you're showcasing your cutting-edge products and services with an exhibit or seeking to boost your organization's visibility as a sponsor, exciting opportunities are available.

Visit www.navalengineers.org/AMTS2024 to learn more.

[Register Today!](#)



**American Society of Naval Engineers
Tidewater Section**

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2024 ASNE-Sika ULTIMATE BUILD-A-BOAT CHALLENGE

WANTED!



Teams and Sponsors for the 28th Annual

ASNE-Sika
ULTIMATE
Build-A-Boat
CHALLENGE



**@ Norfolk Harborfest
Sat-Sun June 8-9, 2024**

- ✓ Field a two-person team
- ✓ Design your craft in advance
- ✓ Build and decorate on Saturday
- ✓ Race it on Sunday!



**For more information,
contact Mike D'Amato at Michael.Damato@hii-tsd.com
or visit www.asne-tw.org.**



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MULTI-AGENCY CRAFT CONFERENCE 2024



AT THE RENAISSANCE WATERFRONT
★ ★ ★
July 16-18 2024
Portsmouth, VA

Save the Date!

July 16-18, 2024

Renaissance Portsmouth-Norfolk Waterfront Hotel

The Multi-Agency Craft Conference (MACC) is an open forum for the exchange of operational and technical information on small boats and craft between Government agencies and the maritime community. Information on new technologies and new product offerings as well as information on Army and Navy service craft, Navy and Coast Guard patrol boats, Navy and USMC expeditionary craft, and Naval Special Warfare craft are highlighted in chaired technical presentations, vendor and agency displays, and in-water demonstrations.

Since its founding in 1998, MACC has served as a primary venue for leveraging knowledge and lessons-learned across multiple Government agencies that develop, procure, or operate small boats and craft. Previous MACC symposia have covered a broad range of professional development topics including: requirements generation, boat and craft design, acquisition processes, maintenance and repair practices, logistics and training, and new technology development and integration. The shared information results in effective use of resources, opportunities for collaboration, a more knowledgeable industry-base, and best-value small boats and craft for all end-user communities.



Venue
**Renaissance Portsmouth-
Norfolk Waterfront Hotel**
425 Water Street
Portsmouth, VA 23704



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FMMS 2024 - VIRGINIA BEACH



Fleet Maintenance & Modernization Symposium

SEPTEMBER 17-19, 2024
VIRGINIA BEACH CONVENTION CENTER
VIRGINIA BEACH, VA

ASNE's Fleet Maintenance & Modernization Symposium (FMMS) is coming to the Virginia Beach Convention Center!

The American Society of Naval Engineers (ASNE) is excited to return to the East Coast and the Virginia Beach Convention Center for the 2024 Fleet Maintenance & Modernization Symposium (FMMS).

The symposium will take place **September 16-19**. In addition to the professional Keynotes, Panels, Technical Paper presentations, and Innovation Theater discussions, FMMS will have maritime industry exhibitors in the Virginia Beach Convention Center Exhibit Hall, with superb government ~ industry networking opportunities!

The Fleet Maintenance & Modernization Symposium also has partnership events - including the **Industry/Navy Discussion Panel (INDP)**, the **Port Engineers Symposium**, and **National Shipbuilding Research Program (NSRP) Panel Meetings**.

ASNE's FMMS allows for an open forum of communications and exchange of technical information on ship maintenance and modernization between the Maritime Services, U.S. Coast Guard, U.S. Merchant Marine, U.S. Navy, U.S. Marine Corps, Military Sealift Command, industry, academia, deck plate users, think tanks, Labs, FFRDCs, and [hopefully] you.

This forum seeks to engage everyone who has a stake in building, repairing, sailing, innovating, updating, training, fighting, and winning on or from the sea on a U.S. or allied military vessel. We are stronger when people with different backgrounds, education, jobs, trades, and experience discuss issues and solutions facing the fleet.

Important dates:

- 16 September: Exhibitor Setup / Professional Development Course
- 17-18 September: Fleet Maintenance & Modernization Symposium
- 19 September: Industry – Navy Discussion Program (INDP), NSRP Panel Meetings

[REGISTER EARLY AND SAVE!](#)

ASNE Tidewater will be hosting another Golf Tournament during FMMS and needs volunteers to help organize the event.

If interested, please contact **Joe Kosteczko**
(757) 232-1859 // jkostecz@odu.edu

