

TIDEWATER TIMES

AMERICAN SOCIETY OF NAVAL ENGINEERS TIDEWATER SECTION



JANUARY 2020 NEWSLETTER

ASNE TIDEWATER “QUICK LOOK”

<u>Date</u>	<u>Upcoming Event</u>	<u>Page</u>
Jan. 22, 2020	Dinner/Meeting (Guest Speaker: RDML Paul C. Spedero, Jr., Fleet Readiness Officer (N02R))	3
Jan. 30, 2020	ASNE Tidewater Tour of VMASC (2:00 pm)	6
Feb. 19, 2020	Dinner/Meeting (Guest Speaker: Vice Admiral David H. Lewis, Director of the Defense Contract Management Agency)	
Mar. 18, 2020	Dinner/Meeting (Guest Speaker: Capt. Tim Barney, MARMC CO)	
Apr. 15, 2020	Dinner/Meeting (Guest Speaker: RADM Nate Moore (CG-4))	

ASNE TIDEWATER FEATURED ARTICLES / NEWS

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***Our ASNE Tidewater monthly dinner/
meeting programs are in full swing!***
5:30 - 6:00 PM Registration / Social
6:00 - 7:00 PM Dinner
7:00 - 8:00 PM Program

FUTURE PROGRAM DATES	
JANUARY 22	2020 (4TH WED)
FEBRUARY 19	2020
MARCH 18	2020
APRIL 15	2020
MAY (TBD)	2020 (SOCIAL)



CHAIR'S LETTER TO THE MEMBERSHIP

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Greetings Naval Engineering Professionals and Friends,

Happy New Year! I love this time of the year to reflect on last year's accomplishments while looking forward to what 2020 will bring. It is a time for me to set personal and professional goals, which I am still struggling to set. My youngest son graduates from high school and will be starting his collegiate experience this fall, so I am thinking of the changes this will bring. I want to add some goals around personal development/growth, more volunteering for organizations I support, and of course having more fun. This is a pretty high bar to set, but I am enthusiastic about what the year will bring.

I am also excited for what ASNE TW has planned for 2020. We have some great events coming up throughout the year for each of us to learn, grow, and have fun! ASNE TW learning events planned in the near future include a tour of ODU's Virginia Modeling, Analysis, and Simulation Center (VMASC), in Suffolk, Virginia on Thursday Jan 30 at 2:00 PM. Also, bring your kids to the Decker Half Moore Cruise and Celebration Center in Norfolk, Virginia for the LEGO Brick by Brick Shipbuilding Event organized by the Hampton Roads Naval Museum on Saturday, February 1st from 10 - 4. This is a FREE indoor event, and is sure to please LEGO fans of all ages.

ASNE TW volunteering opportunities are limitless. ASNE TW has current openings for help with an ODU Officer (working with ODU to build their ASNE group) and FMMS 2020 committee members (Technical paper committee, Marketing team, Operations). Help make this the greatest symposium event to date! If those options are not right for you, we will soon be looking for two new officers: Vice Chairman and Secretary.

ASNE TW fun events are in the early planning stages, so stay tuned for more details. Please don't forget about the May ASNE TW Social and ASNE TW Build-A-Boat June 6 & 7th at the Norfolk Harborfest 2020.

Lastly please don't forget to encourage any rising Junior/Senior college students who might be your children, neighbors, their fraternity/sorority friends, interns or anyone seeking engineering degrees to apply for our college scholarships. Current applications are being accepted by National. We sponsored four \$4,000 scholarships this year and would love to see a greater number of applicants for these scholarships.

I hope to see everyone on January 22nd as we welcome RDML Paul C. Spedero, USN, USFFC Fleet Readiness Officer as our guest speaker.

All my best,
Pam

ASNE TW Section
Chair - Pam Schools
<https://asne-tw.org>
ASNE.Tidewater.social@gmail.com



ASNE TW DINNER/MEETING PROGRAM JANUARY 22, 2020

Our next dinner/meeting program will be held January 22, 2020. Event details provided below and a description of our honored guest speaker, RDML Paul C. Spedero, Jr., Fleet Readiness Officer (N02R).

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

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

Cost:

- Members: \$28 in advance; \$30 at the door
- Nonmembers: \$33 in advance; \$35 at the door
- Military in uniform:
 - ◆ Junior: \$15 in advance / \$20 at the door
 - ◆ Senior: \$20 in advance / \$25 at the door
- Student ASNE members: \$10 in advance / \$15 at the door
- Student non-members: \$15 in advance / \$20 at the door

A Note About Military Dress:

For our Navy and Coast Guard members and guests, we hope you can join us for all our TW events. If you attend in uniform, Service Khaki / Summer White / Tropical Blue, as well as Service Dress Blue are appropriate military dress.

Register and pay in advance at <https://asne-tw.org/events>. Please RSVP online by noon Tues, Jan. 21, 2020.

Rear Adm. Paul C. Spedero, Jr. is a native of Springfield, Massachusetts and a 1990 graduate of Rensselaer Polytechnic Institute with a Bachelor of Science in Mechanical Engineering. He was commissioned through the Naval Reserve Officers Training Corps and was designated a naval aviator in 1992. He graduated with distinction and earned a Master of Arts in National Security and Strategic Studies from the Naval War College and a Master of Science in Engineering Management from Old Dominion University. He is also a graduate of the Defense Language Institute with a degree in French.

Spedero commanded the “Sidewinders” of Strike Fighter Squadron (VFA)-86, USS Peleliu (LHA 5), and USS Dwight D. Eisenhower (CVN 69). His other operational tours include a division officer tour with the “Bounty Hunters” of Fighter Squadron (VF)-2, a department head tour with the “Swordsmen” of VF-32, and an executive officer tour on USS Carl Vinson (CVN 70). He has deployed and participated in combat operations in support of Operations Northern Watch, Southern Watch, Iraqi Freedom, Enduring Freedom, and Inherent Resolve.

Ashore, he served as a Topgun instructor at the Naval Strike and Air Warfare Center and as an action officer in the Joint Operations Division, Global Force Management, Joint Operations Directorate (J3), Joint Staff. Following aircraft carrier command, he served as the executive assistant to the Director, Navy Staff.

Spedero has flown 3,800 hours in the F-14, the F/A-18, and other Navy aircraft and has logged 870 carrier arrested landings. His personal decorations include: Legion of Merit (two awards); Bronze Star; Defense Meritorious Service Medal; Meritorious Service Medal (two awards); Air Medal (nine total awards: three individual, six Strike/Flight, and the combat distinguishing device); Navy and Marine Corps Commendation Medal (four awards and the combat distinguishing device); and the Navy and Marine Corps Achievement Medal (three awards).





American Society of Naval Engineers Tidewater Section

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DECEMBER 2019 DINNER/MEETING PROGRAM RECAP

The December 18 dinner/meeting featured guest speaker **Dan Spagone**, CNRMC Director of Intermediate Maintenance. Dan addressed the criticality and progress made towards improving Sailor Self-Sufficiency, the ability to maintain their systems at sea without an over-reliance on shore support. The holiday crowd of 65 guests was festive and enjoyed closing out the year socializing with business friends and colleagues.

We hope you'll join us for the next dinner/meeting program on January 22. Our guest speaker is RDML Paul C. Spedero, Jr., Fleet Readiness Officer (N02R).



Guest Speaker Mr. Dan Spagone



Pam Schools (ASNE TW Chair) thanks Mr. Spagone for his Presentation



Andy Vasquez (ASNE TW Vice Chair) with Dan Spagone



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CALLING ALL MEMBERS!

Fill an Open Position

Nominating Committee: Last month we solicited your help to nominate candidates for Council positions and you responded! The Nominating Committee (consisting of Pamela Schools, Andy Vasquez, Dave Zilber, Ray Michelini, Ray Weber, Glenn Hofert, Kirk Burgamy, Bill Simunek, Jessica Galassie, Bruce Woodruff, Paul Siebeking, and Joe Yurso) completed their challenge and provided names for each open position. Thank you!

ODU Officer: We would love to get the ODU/ASNE Student Chapter up and running again and we're looking for officers for the current academic year. If interested, please contact Mike D'Amato at Michael.damato@hii-tds.com.

Committee Members for FMMS 2020: We are gearing up for FMMS 2020 and can use your skills and creativity as we begin planning this very popular event! See details on [page 9](#) of the newsletter.

Apply or Recommend a Recipient for a STEM Grant!

Twice a year ASNE Tidewater awards STEM Grant monies to individual or group recipients involved in STEM-related projects! If you would like to apply for the grant or recommend a well-deserving individual or group, please visit our [website](#) to complete the funding application (**due Feb 1, 2020**).

APPLY NOW

Increase Membership!

It's a brand new year and we're looking for brand new members! Please encourage your colleagues and friends to join ASNE and become part of our Society family. Go [here](#) to join.

Like, Comment, Share and Follow Us on Facebook!

Follow our Facebook page!!

- Like pictures and postings
- Comment on postings in a positive and thoughtful way
- Share with your friends

<https://www.facebook.com/TidewaterSectionASNE/#>



Books Available for Purchase

Professional development books are available for purchase: History of American Naval Drydocks by Richard D. Hepburn \$23; Naval Engineering & American Sea Power by multiple authors \$19; and Marine Casualty Response Salvage Engineering \$55.



Please contact Joe Yurso if interested: (757) 490-5036 // jyurso@qedsysinc.com



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ASNE TIDEWATER SPECIAL EVENTS

UPCOMING EVENT

We are looking forward to touring the Virginia Modeling, Analysis & Simulation Center (VMASC) on January 30 at ODU. The tour is FREE and we encourage our members and friends to attend! It will be held at 2:00 PM and we will meet in the foyer of the main entrance. If interested in attending, please let us know by email at asne.tidewater.social@gmail.com. The address is 1030 University Blvd, Suffolk, Virginia. See you there!



PAST EVENT

ASNE Tidewater sponsored a guided tour at the Hampton Roads Naval Museum on December 14, 2019. Special thanks to **John Pentangelo** (Museum Director), who led ASNE members and friends through the museum and special exhibit, “The Ten Thousand-Day War at Sea, The U.S. Navy in Vietnam, 1950 - 1975.” Thanks also to **Charlie Pfeifer** and **Ray Weber** (Vietnam vets) who shared from their experiences. ASNE TW took this opportunity to present Mr. Pentangelo a STEM Grant in recognition of the Hampton Roads Naval Historical Foundation’s STEM-based LEGO® Shipbuilding Program (see [p. 7](#)).





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HRNM HOSTS BRICK BY BRICK LEGO® SHIPBUILDING EVENT

The Hampton Roads Naval Museum (HRNM) is proud to announce the 9th Annual Brick by Brick: LEGO® Shipbuilding event on Saturday, February 1, from 10 a.m. to 4 p.m., at the Decker Half Moone Cruise and Celebration Center in downtown Norfolk. This FREE program invites LEGO® shipbuilders of all ages to build and share their creations with fellow enthusiasts and compete for fabulous prizes on one exciting day!

This popular signature event is presented in partnership with the Hampton Roads Naval Historical Foundation. Participants can build a variety of kits ranging from easy to expert, and participate in other activities. Children and adults alike can also bring their pre-constructed LEGO® ships to enter in a contest prior to 2 p.m. on February 1st.

There are two separate contests: one for those who make ships at HRNM, and one for those who built their ships at home. There is no need to register your home built LEGO model; just show up to the event. HRNM will award prizes for five age-based categories in each competition, along with the fan favorite, voted on by YOU!

This FREE family event features:

- STEM-based design plans (easy to expert) to build ships from the keel up in our shipyard of 200+ dry docks
- Hands-on robotic demonstrations and professional LEGO display models
- Free play areas for all ages (LEGOs and Duplos), and crafts for all ages
- A sensory (quieter space) room for alternative-need children

ASNE Tidewater recently awarded a STEM Grant to the Foundation for their LEGO® Shipbuilding STEM-based program and we're excited they included the ASNE logo on their Volunteer tee shirts! A number of our ASNE members will be volunteering at the event. We hope you'll consider being a part of this very special day. For more information about the event, please visit HRNM's [Facebook page](#).



The poster features a background of colorful LEGO bricks. On the left is a LEGO minifigure of a woman in a brown uniform with a captain's hat. On the right is a LEGO minifigure of a man in a green camouflage uniform. The text on the poster reads: 'BRICK BY BRICK: LEGO SHIPBUILDING FREE LEGO EVENT! Saturday, February 1st, 2020 10am-4pm Join us at 1 Waterside Drive, Norfolk VA 23510 (Inside the Decker Half Moone Cruise Terminal) AWESOMENESS AND FUN INCLUDE: Use STEM-based design plans to build ships from the keel up in our shipyard of 200+ dry docks! Enter your LEGO ship in the builders' contest! Sensory room (quiet space for kids with a diagnosis of Autism Spectrum Disorder) Hands-on robotic demonstrations and professional LEGO display models!'. At the bottom right is a large, detailed LEGO model of a ship. At the bottom left is the HRNM logo and contact information: 'For information visit: www.facebook.com/HRNavalMuseum or call (757) 322-3106'.



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TIDEWATER WOODEN BOAT WORKSHOP AWARDED STEM GRANT

ASNE TW Board Members awarded the Tidewater Wooden Boat Workshop (TWBW) with a STEM Grant on January 8, 2020. This organization is a boatbuilding program that serves disadvantaged youth. Through the building and use of wooden boats, this program is highly successful at teaching math and science and helping students develop essential life skills. The students have even put their boatbuilding skills to use by participating in ASNE Tidewater's Build-A-Boat competition! Many thanks to **Tom Brandl**, Executive Director and Boatbuilding Instructor, who gave us a tour of the workshop and allowed us the opportunity to see the students and instructors in action!



Please see the information below provided by TWBW announcing their upcoming Adult Boatbuilding Course beginning Jan 25. This class would be a perfect opportunity for anyone interested in gaining boatbuilding skills in preparation for ASNE's Build-A-Boat competition June 13-14, 2020!



Sign Up For TWBW's 2020 Adult Boatbuilding Course

Registration is now open for TWBW's 2020 Adult Boatbuilding Program. There are 12 available slots, which will be filled on a first come, first served basis. Classes are held Saturday mornings, from 9:00 AM to noon, at the workshop. The course begins January 25 and ends April 25, 2020.

This is a beginners-level course intended for any man or woman with a desire to learn the basics of wooden boatbuilding. Prior woodworking experience is helpful but not necessary. Proper tool use and safety will be covered throughout the course. Students will learn to use both traditional hand tools and power tools. We will construct a handsome 12-foot rowboat called a Bevin's Skiff.

This is one of the designs we build in our youth programs. However, in the adult program we will go into more detail on construction techniques and discuss additional topics beyond those covered with our teens. We will also make a pair of oars for the boat. We have all the necessary tools here for you to use, but feel free to bring your own if you prefer.

The cost is \$450 per person. An additional family member can sign up for half price. All the money goes back into our youth boatbuilding programs. Not only will you learn how to build a boat, but you will also be supporting a worthy cause! At the end of the course we will launch the boat and row it on the Elizabeth River. We will hold a drawing for those interested in purchasing the completed boat, with oars, for the cost of materials (approximately \$850).

To register for the course, contact our Administrative Director, Melissa Swanson, at (360) 632-1824, or admindir@twbw.org.



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FMMS 2020 - VIRGINIA BEACH, VA

Hello Members and Friends,

We are in the planning stages for the Fleet Maintenance and Modernization Symposium (FMMS) 2020 which will be here before we know it! The Committee would love your input and involvement.

Symposium Details:

- ◆ Date: September 14-17, 2020
- ◆ Location: Virginia Beach Convention Center, Virginia Beach, VA
- ◆ Theme: *From Sailor to Shipyard, Improving Fleet Readiness*

Call for Papers:

If you are interested in writing and submitting a technical paper, here are some of the details:

- ◆ Important dates:
 - * March 15, 2020: Abstracts Due
 - * May 17, 2020: First Draft Papers Due
 - * July 27, 2020: Final Draft Papers Due
- ◆ Suggested Topical Areas:
 - * Readiness: On-Time Delivery, Current Operational Readiness and Availability of our ships, systems and sailors
 - * Future Capability: In-Service Modernization, New Platforms, Technology Refresh, & R& D investment Plans, strategies and challenges to achieve force structure requirements
- ◆ For more information on submission requirements, please visit our [website](#).

Next Committee Meeting:

- ◆ Thursday, February 13
- ◆ 11:30am – 12:30pm
- ◆ HII Building Address: 5701 Cleveland Street 4th Floor Virginia Beach, VA 23462 (phoning in is available; email Chair below for details)

Cheers,
Charlie Pfeifer
Chair FMMS 2020
Charlie@cgpfam.net

Fleet Maintenance & Modernization Symposium

FMMS



September 14-17
Virginia Beach, VA

2020





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ASNE 2020 EVENTS VISION

The American Society of Naval Engineers is delighted to share the 2020 Events Vision. We have a very exciting calendar of events with even more coming. Stay tuned! For now, check out what's in store and envision your future with ASNE.

Email meetings@navalengineers.org for more information or visit www.navalengineers.org to register today!

Advanced Machinery Technology Symposium (AMTS)

Event Date: April 1-2, 2020
Event venue: Philadelphia 201 Hotel, Philadelphia, PA
Sponsorships: OPEN
Exhibits: OPEN (table tops only)
Call for papers: Deadline extended to September 27th
Registration: OPEN, Early bird deadline February 21st
Hotel Block: OPEN
Learn more at: <http://www.navalengineers.org/Symposia/AMTS2020>



Advanced Machinery
Technology Symposium

April 1-2, 2020
Philadelphia, PA

MegaRust

Event date: May 19-21, 2020
Event venue: Marriott Mission Valley, San Diego, CA
Sponsorships: OPEN
Exhibits: OPEN (selling quickly!)
Call for papers: OPEN
Registration: OPEN, Early bird deadline April 10th
Hotel Block: OPEN
Learn more at: <http://www.navalengineers.org/Symposia/MegaRust-2020>



Technology, Systems & Ships (TSS)

Event date: June 16-18, 2020
Event venue: FHI 360 Conference Center, Wash, DC
Sponsorships: Coming SOON
Call for papers: Coming later
Registration: Coming later
Learn more at: <http://www.navalengineers.org/Symposia/Technology-Systems-and-Ships-2020>



ASNE TECHNOLOGY,
SYSTEMS & SHIPS
JUNE 18-20, 2019
FHI 360 | Washington, DC

Multi-Agency Craft Conference (MACC)

Event date: July 15-16, 2020
Event venue: USCG Yard, Baltimore., MD
Sponsorships: Coming SOON
Exhibits: Coming SOON
Call for papers: Coming later
Registration: Coming later
Hotel Block: Coming later
Learn more at: <http://www.navalengineers.org/Symposia/MACC-2020>



AT THE U.S. COAST GUARD YARD
July 15-16, 2020
Baltimore, MD

Fleet Maintenance and Modernization Symposium (FMMS)

Event date: September 14-17, 2020
Event venue: Virginia Beach Convention Center,
Virginia Beach, VA
Sponsorships: OPEN
Exhibits: OPEN
Call for papers: Coming later
Registration: Coming later
Hotel Block: Coming SOON
Learn more at: <http://www.navalengineers.org/Symposia/Fleet-Maintenance-and-Modernization-Symposium-2020>



September 14-17
Virginia Beach, VA
2020

