

# TIDEWATER TIMES

## AMERICAN SOCIETY OF NAVAL ENGINEERS TIDEWATER SECTION



### FEBRUARY 2022 NEWSLETTER

#### ASNE TIDEWATER “QUICK LOOK”

Date	Upcoming Event	Page
Feb. 10, 2022	Tour of Steel America at Colonna’s Shipyard (Closed)	<a href="#">3</a>
Feb. 16, 2022	Guest Speaker: Glen Sturtevant, SES, PEO Ships S&T	<a href="#">4</a>
Mar. 16, 2022	Guest Speaker: CAPT Diana Wolfson, NNSY Commander	
Apr. 20, 2022	Guest Speaker: TBD	

#### ASNE TIDEWATER FEATURED ARTICLES / NEWS

Article/News Item	Page
Chair’s Letter to the Membership . . . . .	<a href="#">2</a>
Tour of Steel America at Colonna’s Shipyard . . . . .	<a href="#">3</a>
February Dinner/Meeting Program . . . . .	<a href="#">4</a>
January Dinner/Meeting Highlights. . . . .	<a href="#">5</a>
ASNE’s Annual Section Awards Program . . . . .	<a href="#">6</a>
ASNE ODU Student Chapter Updates . . . . .	<a href="#">7</a>
ASNE TW Supports HRNM’s LEGO® Shipbuilding Event. . . . .	<a href="#">8</a>
ASNE Car Donation Program Details . . . . .	<a href="#">9</a>
ASNE 2022-2023 Scholarship Campaign . . . . .	<a href="#">10</a>
MegaRust 2022 - San Diego, CA. . . . .	<a href="#">11</a>
FMMS 2022 Planning Is Underway! . . . . .	<a href="#">12</a>

*Notices of any ASNE TW canceled or rescheduled events will be posted to our [website](#).*





## CHAIR'S LETTER TO THE MEMBERSHIP

### SECTION OFFICERS

**Chair:** Vincent Janowiak  
534-1904 // [vincent.janowiak@hii-tds.com](mailto:vincent.janowiak@hii-tds.com)

**Vice Chair:** Renee Reedy  
328-0030 // [renee.reedy@r2solutionsllc.com](mailto:renee.reedy@r2solutionsllc.com)

**Secretary:** Andi McCusker  
630-4173 // [amccusker@fairleadint.com](mailto:amccusker@fairleadint.com)

**Treasurer:** Chuck Doty  
298-9394 // [chuckdoty0303@gmail.com](mailto:chuckdoty0303@gmail.com)

### SECTION COMMITTEES

**Arrangements & Newsletter:** David Jarvis  
636-1661 // [djarvis79@gmail.com](mailto:djarvis79@gmail.com)

**EOQ Awards:** Andy Vasquez  
(Section Councilor 2021)  
434-8223 // [mightymo5@verizon.net](mailto:mightymo5@verizon.net)

**FMMS:** Charlie Pfeifer  
424-2013 // [charlie@cgpfam.net](mailto:charlie@cgpfam.net)

**FMMS:** Jessica Galassie  
(Section Councilor 2019)  
(609) 668-1797 // [galassie@gmail.com](mailto:galassie@gmail.com)

**MegaRust:** Dave Zilber  
266-2193 // [dzilber@gmail.com](mailto:dzilber@gmail.com)

**Membership Chair:** LaRue Dickinson  
969-0770 // [ldickinson@aerrotek.com](mailto:ldickinson@aerrotek.com)

**Newsletter:** Andi McCusker  
630-4173 // [amccusker@fairleadint.com](mailto:amccusker@fairleadint.com)

**Programs Chair:** Mike D'Amato  
226-1114 // [michael.damato@hii-tds.com](mailto:michael.damato@hii-tds.com)

**Social Media:** Pam Schools  
(Section Councilor 2020)  
572-7839 // [pamgschools@gmail.com](mailto:pamgschools@gmail.com)

**Web Master:** Lon Scofield  
635-3613 // [scofvb@verizon.net](mailto:scofvb@verizon.net)

(Area code 757 unless specified)

Greetings Tidewater Members and Friends,

I'd like to bring to your attention two special events happening this month: the Lego Shipbuilding Contest (February 5) and the Colonna's Shipyard Tour (February 10).

The Lego event is virtual again this year but that just means people from *around the globe* can participate! We appreciate some of our fellow ASNE members volunteering their time to help judge the *many* entries (**Ray Weber, Charlie Pfeifer, and Andy Vasquez**).

We're excited to tour Steel America at Colonna's Shipyard, but unfortunately, the tour has filled up so we cannot take any additional registrants. We may be able to arrange another tour of their facility in the near future so stay tuned.

I also want to remind our membership that the ASNE Scholarship Program has a deadline of **February 7**. Please see all the details about this tremendous program on [page 10](#) of this issue.

**FMMS 2022:** I urge you to get involved! Planning is underway and we know that when a small army gets involved in planning, it goes much better because of the opportunity to share the load amongst many. The committees looking for additional help include:

- Programs
- Innovation Theater
- Hospitality
- Marketing
- Technical Papers
- Operations
- Golf Tournament

Our last dinner event hosting **Doug Smith** and **Matt Smith** from the Hampton Roads Economic Development Alliance was well-received. We greatly appreciated the information they shared about the offshore power program and their slide presentation is available on our website (see all the details in the summary on [page 5](#) of this issue).

I said this in my last letter, but I think it's worth repeating. We have 414 members in our Section. In 2021 we hosted 8 dinner/meetings and averaged 70 registrants. Imagine this: if only 25% of the Section membership came to the dinners, registrants would increase to 103. If half of those registrants invited one person each, registrants would go up to 154. If half of those invited guests became members, we would increase the size of the Section by more than 200 by the end of the year. **My challenge to you – invite a friend to dinner!**

Kind regards,  
Vincent

Vincent Janowiak  
ASNE TW Section Chair  
[ASNE.Tidewater.social@gmail.com](mailto:ASNE.Tidewater.social@gmail.com)



TIDEWATER  
TIMES  
FEBRUARY 2022

## ASNE TW TOUR OF STEEL AMERICA AT COLONNA'S SHIPYARD

ASNE Tidewater sent out the below announcement inviting ASNE members and friends on a tour of Steel America at Colonna's Shipyard February 10.

The group size was capped at 10 and we received 10 registrants almost immediately so registration is closed. Our Section is looking into arranging another tour in the near future for those who remain interested.

We appreciate the interest shown by our members and we are grateful for **Vance Hull** and team at Colonna's Shipyard for making this tour possible.

### Attention ASNE Tidewater Members and Friends!

You are invited to tour **Steel America** at **Colonna's Shipyard, Inc.** on **February 10 at 1:30 PM**, hosted by ASNE TW member and Colonna's Shipyard Inc Steel America Director of Business Development, **Vance Hull**. This is a **FREE** event. We ask that you meet at 1:30 at the Main Gate Security Station, 400 E. Indian River Road, Norfolk.

Please indicate your interest in touring the facility and seeing the on-going construction of caisson gates for Norfolk Naval Shipyard drydocks. Your group is limited to 10 people (**PPE required**) so reserve your spot today by contacting Renee Reedy at [renee.reedy@r2solutionsllc.com](mailto:renee.reedy@r2solutionsllc.com). Below is a bit of history and information about Steel America and this project. We hope to see you there!

\*\*\*\*\*

*Founded in 1875, Colonna's Shipyard Inc., opened its doors as a full-service ship repair facility located on the Eastern branch of the Elizabeth River. In the early 90's, Steel America branched off as a division to meet market demands for industrial plant expansions and other on-shore fabrication projects. Over time, Steel America developed further capabilities and certifications to meet the market demand in other sectors including marine infrastructure, power generating stations, industrial plants, oil & gas components and civil structures. Steel America has developed into one of the leading fabrication shops on the East Coast, and one of the leading and most precise machine shops in the United States.*

*Steel America has fabricated five caissons to date and is currently fabricating two simultaneously for Norfolk Naval Shipyard. The caisson gate for Drydock #4 is designed to control flooding of the drydock for vessel overhauls. It stands at 56' 6" tall, occupies a length of about 132' 6" of drydock width, and is comprised of nearly 600 tons of steel. After structural assembly of the Caisson, the structure will be fitted with Pumps, valves, electrical and HVAC systems. Once outfitting is completed the Caisson will be launched by way of our 1000 metric ton Marine Travelift. Following testing of all systems, the caisson will be transported by way of tug to Portsmouth, Virginia for final testing and delivery. Caisson gate for Drydock #2 is designed to control flooding of the drydock for vessel overhauls, the caisson stands at 49' 4" tall, occupies a length of about 101' 4" of drydock width, and is comprised of nearly 400 tons of steel.*







## ASNE TW FEBRUARY DINNER/MEETING PROGRAM

The ASNE Tidewater Section will hold the next dinner/meeting program on **February 16**. The program will have a virtual option through Microsoft Teams for those who cannot attend in person. Our guest speaker is **Glen H. Sturtevant**, the Director for Science and Technology at the Navy Department’s Program Executive Office for Ships & Naval Sea Systems Command Surface Ship Maintenance and Modernization Directorate in Washington.

Mr. Sturtevant will be speaking on the topic of Surface Navy Warship Arctic Operability. Below is a **Program Abstract**.

**The frequency and duration of US Navy surface warship operations in the Arctic region is increasing due to changing geopolitical issues including maritime accessibility, homeland defense, untapped natural resources, and Russian Federation and PRC presence and ambitions. This area of the world is a new frontier of critical strategic importance to the United States. What challenges do Navy warships face that affect safe and effective operations in this harsh environment of sea ice, sea fog, extremely cold temperatures, long periods of diminished sunlight, topside icing, heavy seas and unpredictable weather. The presentation will address and discuss Arctic maritime policy and guidance, operational requirements and limitations, capabilities, proposed operator guidance and pack up kits, and on-going scientific research and innovative technology solution development including at-sea experimentation. Nearer term ship changes being assessed include heating for sea chests, piping and spaces, interior hull insulation, and swapping out propellers.**

We look forward to seeing you!

- Place:** Holiday Inn Virginia Beach-Norfolk at [5655 Greenwich Road, Virginia Beach](#)
- Time:** 5:30 - 6:00pm Cocktails and Networking; 6:00 - 8:00pm Dinner and Program; Virtual 6:30—8:00pm
- Cost:**
- Virtual attendance: no cost - [MS Teams Meeting](#)
  - Members: \$33 in advance / \$35 at the door
  - Non-members: \$38 in advance / \$40 at the door
  - Military: \$20 in advance / \$25 at the door
  - Students: \$10 in advance / \$15 at the door
- Whether attending in person or virtually,  
please register on our [website](#) by  
**noon MONDAY February 14**. Thank you!

*Even though ASNE TW and the hotel are taking all recommended health & safety precautions as put forth by the city and State of VA, in-person attendees assume all risk and liability.*

Mr. Sturtevant graduated from College du Leman in Geneva, Switzerland, earned a Bachelor of Science in Civil Engineering from the University of Delaware and a Master’s degree in Management from Indiana University. He has completed Program Management and Engineering programs of study at MIT, National Defense University, Webb Institute and Virginia Tech.

He began his Navy career as a Project Engineer at Philadelphia Naval Shipyard before taking an assignment with the Surface Ships Directorate at Naval Sea Systems Command Headquarters where he was responsible for the conversion of USS BELKNAP (CG 26) to U.S. 6th Fleet Flagship in Gaeta, Italy, the incremental overhaul of USS STERETT (CG 31) in Subic Bay, Republic of the Philippines and the upgrade of USS BIDDLE (CG 34), the first ship in Navy’s New Threat Upgrade Program.

Mr. Sturtevant was then assigned to the Aegis Shipbuilding Program (PMS 400) where he held positions as Fleet Introduction Plans and Programs Manager, Cruiser Conversion Program Manager, and Program Manager for Navy’s Smartship Program where he led the introduction of commercial technologies into the Fleet. Mr. Sturtevant was Navy’s Response Team leader activated as a result of the al Qaeda bombing of USS COLE (DDG 67) in Aden, Yemen, and in 2020 he served as Chief of Staff to the Program Executive Officer for Ships.

His current duties include senior advisor for National Shipbuilding Research Program, Flexible Adaptable Ships, Arctic Operability, Operational Energy, Acquisition Research at the Naval Postgraduate School, Small Business Innovation Research Program, Allied Navy collaboration, Ship Design & Analysis Computational Tools, Strategic Sealift R&D and Unmanned Systems-Ship Integration.





## ASNE TW JANUARY DINNER/MEETING HIGHLIGHTS

Our January 19th Dinner/Meeting program featured tag team presentations by **Doug Smith**, President & CEO of the Hampton Roads Economic Development Alliance, and **Matt Smith** (no relation), Alliance’s Director for Offshore Wind.

With 40% of Virginia’s electricity to be sourced from renewable energy by 2030, a federal target to deploy 30GW by 2030, and active OSW projects already in 11 states, the demand signal for Offshore Wind is finally becoming real and coming fast. And the state of Virginia, with its port infrastructure, skilled maritime workforce, terminal facilities and waterfront acreage in Hampton Roads / Tidewater, is well positioned to become a major supply chain hub for this emerging industry.



This topic was requested by and of great interest to our ASNE-Tidewater member companies looking to listen, learn and ultimately diversify their future business. We anticipate encore presentations at future ASNE dinner meetings as the OSW market unfolds.

The Offshore Wind presentation is available on our website under [News](#).



**Doug Smith**



**Matt Smith**



FUTURE DINNER/MEETING PROGRAM DATES	
FEBRUARY 16	2022
MARCH 16	2022
APRIL 20	2022







## ASNE'S ANNUAL SECTION AWARDS PROGRAM

Have you looked at our Tidewater Section Banner lately? It is part of our story.

Each year every chartered ASNE Section (except Student Sections) that meets program goals of ASNE through successful and effective activities in Section's operations, is eligible to compete for several Annual Section Awards. ASNE recognizes that a viable Section Program will contribute to the objectives of the Society and provide recognition of Naval Engineering by ASNE involvement.

The following Section Awards are presented:

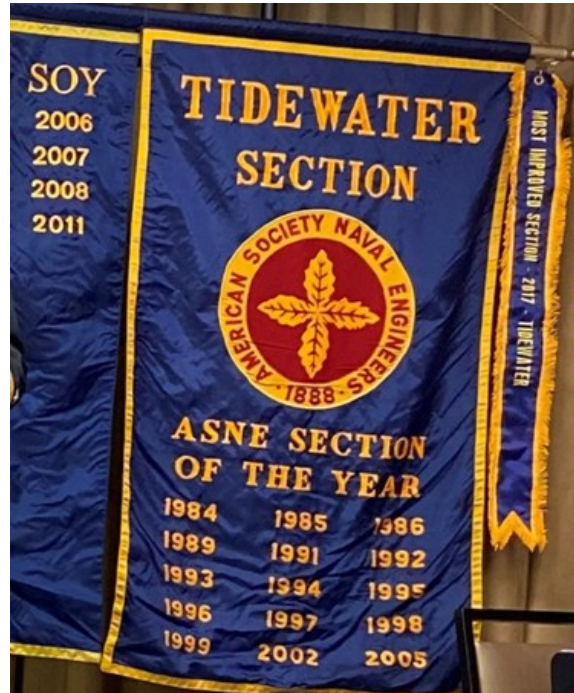
- Section of the Year Award
- Most Improved Section Award
- Section Productivity Award
- Premiere Recruiting Section Award

We are the second largest Section in the Society – let's add to our story!

### You can help!

1. Member Participation Counts! Each month our Program Team arranges for interesting speakers at our monthly Dinner/Meeting. Plan to attend at least one this program year. Can't attend in person? Register and join us "virtually". Every member counts!
2. Toot your horn and help your Section. Let us know!
  - a. Did you author a technical article published in the Naval Engineers Journal (NEJ)?
  - b. Were you a guest lecturer or technical panel member for naval engineering related disciplines?
  - c. Do you teach as part of a continuing education program or at the college or university?
  - d. Did you /do you volunteer in student STEM events or activities?
  - e. Did you publish in a tech journal or win a tech award?
  - f. Did you post on LinkedIn about an ASNE TW event and share it with HQ?

If so, boom! More points for the Tidewater Section to take "Section of the Year"! Please contact ASNE TW Vice Chair **Renee Reedy** at [renee.reedy@r2solutionsllc.com](mailto:renee.reedy@r2solutionsllc.com) with any information that may help our Section earn Section of the Year points.. Thank you!





## American Society of Naval Engineers Tidewater Section

TIDEWATER  
TIMES  
FEBRUARY 2022

### ASNE TW ODU STUDENT CHAPTER UPDATE

The President of the ODU Student Chapter (**Daniel Erdogan**) is meeting monthly with his team. Listed below are several exciting updates:

- The new Vice President of the Chapter is **Aubrey Miles**.
- The new Secretary of the Chapter is **Jacob Hightower**.
- The Chapter created a new budget and submitted it to ASNE TW.
- The budget has a line item for ASNE's Promoting Electric Propulsion (PEP) competition.
- The team is very excited that the **PEP competition in the Spring of 2023 will be held at ODU!** The Chapter's goal is to have their upgraded boat completed and tested by that event.
- The Chapter brainstormed ways to save money including:
  - ⇒ Getting a new hull donated
  - ⇒ Using cheaper / reusable parts
  - ⇒ Using local suppliers for parts
- Student recruitment ideas were floated (events, classes, booths, etc.).
- The ASNE Scholarship program was announced and the team is committed to getting the word out to other Engineering students.







## American Society of Naval Engineers Tidewater Section

TIDEWATER  
TIMES  
FEBRUARY 2022

### ASNE TW SUPPORTS HRNM'S LEGO® SHIPBUILDING EVENT

The LEGO® “Brick-by-Brick” shipbuilding event, sponsored by the Hampton Roads Naval Museum (HRNM), has been held for the past 11 years at the Half Moon Cruise Ship Terminal and the lower level of Norfolk Nauticus. Last year however, due to the pandemic, the event turned all-virtual, yet it was still quite a success. It even expanded the previous in-person local event into a national / international event with more than 550 LEGO® model participants! Below are the winning entries from 2021 and Fan Favorite.



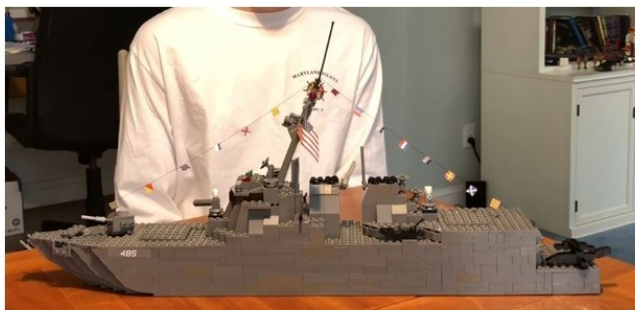
This year, the event is all-virtual again and will take place on **February 5, 2022**. ASNE Tidewater Board members were pleased to present a check to HRNM in support of the LEGO® Shipbuilding competition and proud to be the sole financial sponsor of the event. Some of our members even volunteered their time to be judges.

We look forward to announcing the results of the 2022 competition in our next newsletter!

1<sup>st</sup> Place, Ages 0-5 – “Battleship 2021”



1<sup>st</sup> Place, Ages 6-9 – “The Super Destroyer”



1<sup>st</sup> Place, Ages 10-15 – “USS Vanguard”



Fan Favorite – “Cruiser”





TIDEWATER  
TIMES  
FEBRUARY 2022

## ASNE CAR DONATION PROGRAM DETAILS



# ASNE Car Donation Program

Donate your used car to the American Society of Naval Engineers (ASNE) and receive paperwork for claiming your IRS approved charitable donation.

### How do ASNE supporters start their vehicle donation?

ASNE supporters can choose to donate by:

Completing the online donation form, or by calling the Vehicle Donation Toll-Free Number

(see details below)

Vehicle Donation Web Page:

<https://careasy.org/nonprofit/americansocietyofnavalengineers>.

Vehicle Donation Toll-Free Number: 855-500-7433 / 855-500-RIDE

The *Charitable Adult Rides & Services (CARS)* program is a nonprofit social enterprise that only supports other nonprofits.

The CARS program has experts in handling the entire donation process, from picking up the vehicle, providing tax receipts, to sending thank-you letters and assisting with any donor issue.

## DONATE YOUR USED CAR TO ASNE!

Donate your used car to ASNE and receive paperwork for claiming your IRS approved charitable donation!

### TO DONATE:

Click to complete the online donation form, or  
Call the Vehicle Donation Toll-Free Number (855) 500-7433





TIDEWATER  
TIMES  
FEBRUARY 2022

## ASNE 2022-2023 SCHOLARSHIP CAMPAIGN

The ASNE 2022-2023 Scholarship Campaign is well underway. The ASNE Scholarship Application and Program details are available on the ASNE Headquarters [website](#). The deadline for application submission is **February 7, 2022**. Completed applications will be reviewed by the ASNE National Scholarship Committee and recommendations for awardees forwarded to the ASNE National Council for approval. Scholarships award in the May/June 2022 timeframe.

Please spread the word to young future engineers and your college contacts to participate in the program. ASNE is looking for rising college engineering juniors, seniors and post graduate engineering students who are striving for a career in Naval Engineering. The ASNE National scholarship Committee is trying to increase the pool of qualified Scholarship applicants this year and needs *your help* to get the word out about the societies' outstanding scholarship program. Our young scholarship Engineers will certainly serve as a supplement to the future technical backbone of the Naval Engineering community and foundation of our society.

### Frequently Asked Questions

To view or download FAQs: [ASNE Scholarship FAQs](#)

### Application

Application submissions are now OPEN for the 2022-2023 academic year. To view or download the 2022-2023 application: [ASNE 2022-2023 Scholarship Application](#)

**APPLICATION DEADLINE IS 7 FEBRUARY 2022!**

PLEASE pass this message to a friend, family member, coworker, company HR department and your alma mater!

Thank you for helping ASNE and a potential career minded young future Naval Engineer!

**ASNE Scholarship Program**  
*Supporting the education of future naval engineers*







TIDEWATER  
TIMES  
FEBRUARY 2022

## MEGARUST 2022 - SAN DIEGO, CA

**ASNE is hosting MegaRust at the San Diego Marriott Mission Valley June 1-3, 2022, and the Call for Papers is officially open!**

MegaRust is conducted annually to provide a consolidated focus on Navy corrosion issues. Corrosion is a major factor in the readiness and total ownership cost of naval systems and this conference is intended to provide updated information on programs, policies, standards and Fleet experience related to corrosion and to promote discussion and sharing of information on technologies and strategies for controlling corrosion.

Submissions of both presentations and technical papers are welcomed. Presentations are sought that will provide participants the latest information and status of corrosion control programs and efforts, implementation of recently approved processes, tools and materials, best practices and lessons learned, and unmet needs looking for near term solutions. The goal is to assist those responsible for corrosion control by providing new, affordable products, processes, and solutions.

### Desired topics that support this theme include:

- "Deckplate" Lessons Learned
- New corrosion control methods
- Operational Level Issues and Unmet Needs
- Successful application of new approved products
- Alternative Approaches to Corrosion Control
- Corrosion Control Plan for LCS and Other Aluminum Ships
- Environmentally compliant processes
- Current projects and future needs for corrosion control on:
  - ◊ Surface Ships
  - ◊ Aircraft Carriers
  - ◊ Submarines
  - ◊ Combat Systems & Antennas
  - ◊ Facilities & Infrastructure
  - ◊ Vehicles and Aviation Ground Support Equipment
  - ◊ Aircraft
- Paint Center of Excellence & Coatings Qualification Process
- "Deckplate" Quality Assurance - what can be expected from the Sailors
- Changing Maintenance Plans to utilize new processes and materials
- Surface Preparation Technology and Techniques
- Inspection/Prevention Approaches
- Training Initiatives and Needs
- Research and Development
- Emerging Technologies

### Important Dates:

- **March 4, 2022 - Abstracts Due**
- April 4, 2022 - Authors Notified of Selection
- April 15, 2022 - Draft Papers/Presentations Due
- May 11, 2022 - Final Presentations Due





TIDEWATER  
TIMES  
FEBRUARY 2022

## FMMS 2022 PLANNING IS UNDERWAY!

### Fleet Maintenance & Modernization Symposium Virginia Beach Convention Center, Virginia Beach, VA September 20-22, 2022

Our planning committee is making great progress in our monthly meetings in preparation for FMMS 2022! There is still room for more volunteers if you are considering getting involved to help us put on a fantastic event.

We now have an event theme and we're **very excited** about it:

### *Focus on Fleet Readiness Challenges: A Critical Self-Assessment*

Pictured right is a new flyer to announce the theme of FMMS 2022. Our FMMS Programs Committee selected the theme after much discussion. They determined that industry, in partnership with the Navy, can focus on fleet readiness challenges and take a closer look or "critically self-assess" their role in overcoming those challenges.

The Committee is also working on sub themes and topics for the symposium and determining potential Key-note speakers and Panelists. They welcome your input! Please let us know if you are interested in serving as a volunteer.

Check out our [website!](#)

For more information, please contact **Charlie Pfeifer** or **Jessica Galassie**:

Charlie Pfeifer: [charlie@cgpfam.net](mailto:charlie@cgpfam.net)  
Jessica Galassie: [galassie@gmail.com](mailto:galassie@gmail.com)



FOCUS  
ON FLEET  
READINESS  
CHALLENGES:

A CRITICAL SELF-ASSESSMENT

# FMMS

FLEET MAINTENANCE & MODERNIZATION SYMPOSIUM 2022

September 20-22, 2022

Virginia Beach Convention Center, Virginia Beach, VA

[www.navalengineers.org/FMMS2022](http://www.navalengineers.org/FMMS2022)