



*American Society of Naval Engineers
Tidewater Section
April 2018 Newsletter*

5:30 - 6:00 PM	Registration / Social
6:00 - 7:00 PM	Dinner
7:00 - 8:00 PM	Speaker

ASNE Tidewater “Quick Look”

April 18, 2018	CAPT Dean A. VanderLey, USN Commanding Officer NAVFAC, Mid Atlantic
May 16, 2018	RADM James Downey, USN (Tentative) SEA 21 / CNRMC
May 18, 2018	The Mariners’ Museum Reception – “Answering America’s Call: Newport News in World War I” (More info in the newsletter)
TBD	Section Social Night
June 9-10, 2018	ASNE – Sika Ultimate Build-A-Boat Challenge Harborfest 2018 - Town Point Park - Norfolk (see flyer)
June 18-20, 2018	ASNE Technology, Systems & Ships (TSS 2018) FHI 360 Conference Center, Washington, DC 1825 Connecticut Ave NW, Washington, DC 20009 “Designing, Building and Sustaining the Future Fleet”
July 18-19, 2018	Multi-Agency Craft Conference (MACC) USCG Yard Baltimore
Sept 17-20, 2018	2018 Fleet Maintenance and Modernization Symposium (FMMS) Virginia Beach Conference Center (FMMS Golf Tournament @ Greenbrier CC on Sept 17)

Dinner meetings are posted as events on the section’s Facebook page and photos are posted after the meetings. Become friends with “Tidewater Section – ASNE” to get notifications as soon the reservation system is opened for each month’s dinner!

Chairman's Letter to the Membership



SECTION OFFICERS

Dave Zilber – Chairman
266-2193 // djzilber@gmail.com

Jessica Galassie – Vice Chair and Historian
galassie@gmail.com

Jim Brinkman - Treasurer
477-3855 // jbrinkmanswo@gmail.com

Ed Kules – Secretary
284-9401 // ekules@cox.net

SECTION COMMITTEES

Mike D'Amato – Programs Chair
226-1114//michael.damato@hii-tds.com

Paul Siebeking - Membership Chair
481-4030 // kp59pe@cox.net

David Jarvis – Arrangements / Newsletter
636-1661 // djarvis79@gmail.com

Lon Scofield – Web Master
635-3613// WebMaster@asne-tw.org

Charlie Pfeifer - FMMS 2018
424-2013 // pfeifercg@cox.net

Herb Hood – MACC 2018
617-4014 // hhood@phoenix-group.com

Area code 757 unless specified

ASNE Tidewater,

It's Tidewater Section election time again. Last call for nominations (you can nominate yourself) for Vice Chairman, Secretary, and Treasurer. We also have plenty of non-elected Chairs and Assistant Chairs looking for someone to help them and possibly fleet up. Thanks former Section Chair Herb Hood for volunteering to run our elections this year. If you have questions about positions, duties, responsibilities, and time commitment, please contact me.

National did a quick survey of what members are most interested in for end of program year social. Some popular ideas are a Tides Game with outfield picnic, brewery beer garden with food trucks, casual dinner, or a family picnic at a public park. Let your officers know your preferences and we will start planning for June. We will have a normal meeting in May.

Programs did a great job shuffling speakers to make our March Dinner Meeting a success and thankfully the forecasted snow didn't affect us. Captain Dan Lannamann, Commanding Officer of MARMC, gave an outstanding update on recent safety statistics and incidents during local ship availabilities. Thankfully the lessons from the USS Miami fire and consequent requirements of the 8010 Manual are having a positive effect but recent incidents show there is still a ways to go on reducing fires and accidents during availabilities. We look forward to hearing from this month's speaker, CAPT Dean A. VanderLey, Commanding Officer, NAVFAC, Mid Atlantic.

We have an additional event May 18 at the Mariners' Museum. It is a reception for the opening of their new "Newport News in World War I" exhibition. We are helping to organize this event with five other associations. Look for an invite in your email inbox. Register online just like you do for our dinner meetings.

Make plans to support our 24th Annual "ASNE-Sika Ultimate Build-a-Boat Challenge" boat building competition at Harborfest June 9-10. This is a great event and funds raised from sponsorships not only cover the costs for the teams to participate, any funds left over help the Section with our scholarships, STEM outreach and grants, and other programs. Great fun, food, music, and the chance to see a few end up swimming in the Elizabeth River.

Dave Zilber



Dinner Meeting *Wednesday April 18, 2018*

PLACE: Springhill Suites, 6350 Newtown Rd, Norfolk VA 23502

TIME: **1730-1800:** Cocktails and Networking
1800-2000: Dinner and Program

COST:

Members & Guests:	\$28 in advance / \$30 at the door
Non-members	\$33 in advance / \$35 at the door
Military in uniform:	
▪ 0-4 / E-7 & below	\$15 in advance / \$20 at the door
▪ 0-5 / E-8 / CWO & above	\$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

To sign up go to: <http://www.asne-tw.org/> "Events". Please pay in advance using the on-line payment system – THIS SAVES YOU MONEY!

Please RSVP Online NLT 1200 on Tuesday, April 17, 2018

CAPT Dean A. VanderLey, USN
Commanding Officer
Naval Facilities Engineering Command, Mid-Atlantic

Captain VanderLey is a native of Tacoma, WA. He graduated from Calvin College in Grand Rapids, MI with a BS in Mechanical Engineering and received his commission from OCS in Newport, RI in 1991. He also holds a Master of Science Degree in Civil and Environmental Engineering from Stanford University.



After completing the nuclear submarine training pipeline, Captain VanderLey served on the USS MICHIGAN (SSBN 727)(GOLD) in Bangor in various division officer positions including Main Propulsion Assistant and Tactical Systems Officer from 1993-1996. He then served as the lead instructor for the Trident Prospective Commanding Officer course at Trident Training Facility, Bangor.

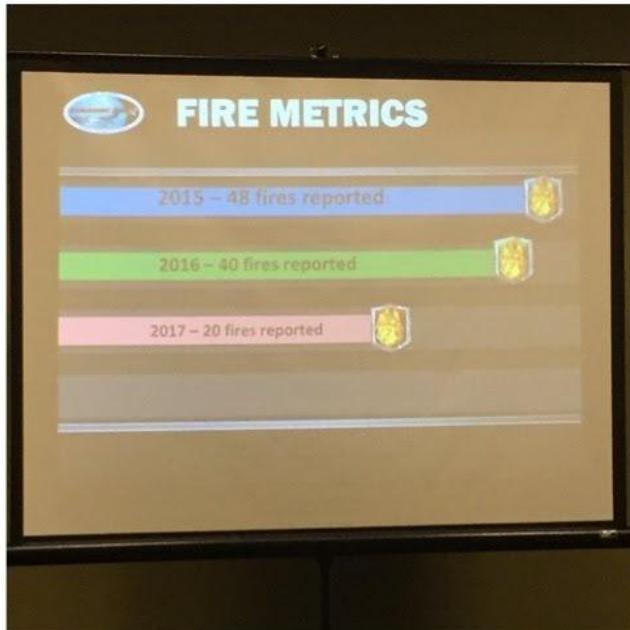
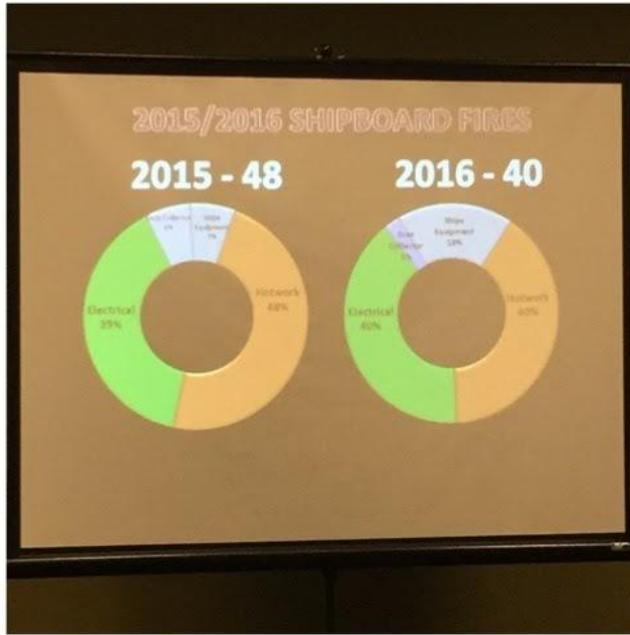
Captain VanderLey was selected for transfer to the Civil Engineer Corps (CEC) in 1998. His initial CEC tours included Assistant Resident Officer in Charge of Construction at Puget Sound Naval Shipyard; Assistant Public Works Officer at Naval Air Station Keflavik, Iceland; and Operations Officer for Naval Mobile Construction Battalion (NMCB) SEVEN where he deployed in support of Operation Iraqi Freedom in 2003.

Captain VanderLey's recent tours have included Planning Officer at CNIC; Executive Assistant to the Principal Deputy Assistant Secretary of the Navy (Installations and Environment), Mr. Wayne Army; Commanding Officer of NMCB FOUR where he made deployments to Kuwait and Afghanistan and was awarded the Battle "E", the Meritorious Unit Commendation (Army), and the Peltier Award as the best active duty Seabee battalion; Public Works Officer for Naval Station Norfolk; Civil Engineer Corps Head Detailer and Deputy Commander for Operations for NAVFAC Atlantic. He assumed command of NAVFAC Mid-Atlantic May 19, 2016.

Captain VanderLey is qualified in Submarines and Seabee Combat Warfare, a Joint Qualified Officer, a member of the Acquisition Professional Community, a registered Professional Engineer, and a Certified Energy Manager. His decorations include the Bronze Star, five Meritorious Service Medals, three Navy Commendation Medals, four Navy Achievement Medals, the Combat Action Ribbon, the Presidential Unit Commendation Ribbon, and the Iraq and Afghanistan Campaign Medals.

March 21, 2018 Dinner / Meeting

March 21st Dinner Meeting's guest speaker was CAPT Daniel L. Lannamann, USN - Commanding Officer Mid Atlantic Regional Maintenance Center (MARMC). CAPT Lannamann's topic for the dinner was shipboard safety in an industrial environment.



- Given the large workload, industry leaders must engineer safety into planning and production processes
- Waterfront initiatives evident everywhere
- Vigilance to policy is critical
- Our Challenge:
 - How do we Engineer for Success?
 - Better tools?
 - Better processes?
 - Better training?
- Train and sustain our industrial base!



24th Annual 'Quick-n-Dirty'

WANTED / Teams & Sponsors *ASNE-Sikaflex Ultimate Build-a-Boat Challenge*

Norfolk Harborfest | Town Point Park | **Sat-Sun June 9-10, 2018**

1. TEAMS... Space is limited to 20 two-person teams, so please notify us early if you're interested. Your design / sketch is not due until late May, but a simple application saves your spot. **Builder participation is FREE... thanks to our sponsors!**

Q&A for BEGINNERS... We welcome first timers and veterans alike, and will offer plenty of assistance to help to you get started. We'll host a Q&A aimed at first-time builders about 3-4 weeks ahead of the event. Talk with veteran builders and fire away with questions.

2. VOLUNTEERS... Helping hands are always welcome!
3. SPONSORS... This is a no-stress, festive event that gives exposure of naval engineering and our region's rich maritime heritage to the general public. In that spirit, sponsorship costs are very affordable. It also supports a great purpose... 100% of net proceeds are used to fund Engineering Scholarships, STEM Grants and other educational programs.

DID YOU KNOW?

The 2017 'Quick-n-Dirty' contributed \$4,350 to the ASNE Scholarship Fund after covering all costs for build materials and prizes. This year's goal is \$7,5000 net.

Nationally, ASNE funds approximately 20 engineering scholarships every year!

For more info, contact:

Mike D'Amato | michael.damato@hii-tds.com | 757-226-1114 |



USS THRESHER



On Monday, April 9, 2018, the 55th anniversary of the USS *Thresher* sinking and killing all 129 crew and shipyard personnel aboard. Her loss was a watershed for the U.S. Navy, leading to the implementation of a rigorous submarine safety program known as [SUBSAFE](#).

On April 9, 1963, USS *Thresher* departed the Portsmouth Naval Shipyard with 112 crew members and 17 technical observers for deep diving exercises in an area approximately 200 miles East of Cape Cod, Massachusetts . On April 9, 1963, USS *Thresher* departed the Portsmouth Naval Shipyard with 112 crew members and 17 technical observers for deep diving exercises in an area approximately 200 miles East of Cape Cod, Massachusetts .

On 9 April 1963, *Thresher*, commanded by [Lieutenant Commander](#) John Wesley Harvey, got underway from Portsmouth at 08:00 and rendezvoused with the submarine rescue ship [Skylark](#) at 11:00 to begin its initial post-overhaul dive trials, in an area some 190 nautical miles (220 miles; 350 kilometres) east of [Cape Cod, Massachusetts](#). That afternoon *Thresher* conducted an initial trim dive test, surfaced and then performed a second dive to half test depth. She remained submerged overnight and re-established underwater communications with *Skylark* at 06:30 on 10 April to commence deep-dive trials. Following standard practice, *Thresher* slowly dived deeper as it traveled in circles under *Skylark* – to remain within communications distance – pausing every additional 100 feet (30 m) of depth to check the integrity of all systems. As *Thresher* neared her test depth, *Skylark* received garbled communications over [underwater telephone](#) indicating "... minor difficulties, have positive up-angle, attempting to blow", and then a final even more garbled message that included the number "900".

When *Skylark* received no further communication, surface observers gradually realized *Thresher* had sunk.

By mid-afternoon, 15 Navy ships were en route to the search area. At 18:30, the Commander, Submarine Force Atlantic, sent word to [Portsmouth Naval Shipyard](#) to begin notifying next-of-kin – starting with Commander Harvey's wife, Irene Harvey – that *Thresher* was missing.

By morning on 10 April, all hope of finding *Thresher* was abandoned, and at 10:30 the Chief of Naval Operations (CNO) Admiral [George W. Anderson Jr.](#), went before the press corps at [The Pentagon](#) to announce that the submarine was lost with all hands. President [John F. Kennedy](#) ordered all flags to be flown at half-staff on 12–15 April in honor of the 129 lost submariners and shipyard personnel

Did you know that there is no Monument to USS *Thresher* in Arlington National Cemetery ??
How can you help the families, prior crew, and US Navy remember the 129 people lost on the USS *Thresher*??

Please go to this website and mail a support letter to the Executive Director, Army National Cemeteries:

[USS Thresher Arlington National Cemetery Commemorative Monument Project supporter letter](#)

[Ms. Karen Durham-Aguilera](#), Executive Director, Army National Cemeteries.

Section Elections

Please consider volunteering or nominating someone for Secretary, Treasurer, or Vice Chair for the next program year. The secretary position is a one year term, treasurer is a two year term; the Vice Chair normally fleets up to Chair Person the following year. Please submit nominations to Herb Hood, hhood@phoenix-group.com as soon as possible as we will hold the election in April/May.



MACC

MACC will be held at the US Coast Guard Yard this year, July 18-19th. This year the symposium will be combined with Launch and Recovery. If you are interested in serving on the committee, please contact Herb Hood: hhood@phoenix-group.com. Still plenty of opportunities to serve that don't require you to go to Baltimore.



Fleet Maintenance & Modernization Symposium

FMMS

The logo for the American Society of Naval Engineers (ASNE) is a circular emblem with a red border. Inside the circle, there is a yellow anchor with a cross-like shape in the center. The text "AMERICAN SOCIETY NAVAL ENGINEERS" is written around the inner edge of the circle, and "1888" is at the bottom.

ASNE FMMS Sept 17-20, 2018 Virginia Beach, VA

Registration is Open !!!
Check out the web link below and sign up today !!

www.navalengineers.org/Symposia/FMMS-2018

Other Affiliated Events:

Professional Development Courses

International Naval Design Standards

September 17, 2018, 1300-1700

As budgets have become more and more restrictive, and navies worldwide rely more and more on commercial practices and standards for the core of their warship designs, there has been a continuing trend away from traditional naval design approaches, and towards a baseline centered in common international requirements. Factors such as acquisition reform initiatives of the 1990's, and a decreased emphasis on national military design documents, have navies worldwide relying on a more global approach to design and acquisition through instruments and organizations such as ASTM F25 Committee, ISO TC8, NATO's standard ANEP 77, and Classification Society Rules and Guides such as the ABS Rules for Building and Classing High Speed Naval Craft (HSNC) and International Naval Ship Guide. This course will provide a broad overview to two ABS rule sets and the NATO standard. [Learn more here.](#)

Shipbuilding and Ship Repair Business Management: Understanding the Forces that Shape the Industry

September 17, 2018, 1300-1700

The Shipbuilding & Ship Repair Industry are amongst the most highly capitalized industries in the world, yet they have relatively low profit margins and employment instability challenges. This course surveys the forces and factors external to a shipbuilding or ship repair company that create this business environment: history, politics, macro-economics, micro-economics, financial structure, systematic risk

and regulations. This course also identifies the six (6) reasons that (taken collectively) drive the industry dynamics, and make shipbuilding and ship repair uniquely challenged amongst all major world industries. [Learn more here.](#)

Shipbuilding and Ship Repair Business Management: Understanding Shipyard Business Operations

September 20, 2018, 0800-1200

The Shipbuilding & Ship Repair Industry are amongst the most highly capitalized industries in the world, yet they have relatively low profit margins and employment instability challenges. This course surveys the forces, factors and risk considerations internal to a specific shipbuilding or ship repair company that create this business environment: management methods, program control considerations, cross-functional integration. This course introduces the concept of operational process variation (OPV) ©, and highlights its erosive effect on the shipbuilding and ship repair process. This course applies OPV to the ship acquisition and repair process, closely focusing on the importance of owner/customer activity in shaping successful outcomes. [Learn more here.](#)

Sign up at www.navalengineers.org/Symposia/FMMS-2018



The Mariners' Museum Reception - "Answering America's Call: Newport News in World War I"

When: 18 May 2018 6:00 PM, UTC-04:00

Where: The Mariners' Museum and Park, [100 Museum Dr, Newport News, VA 23606](http://www.marinersmuseum.org)

EVENT DETAILS:

Register now for an *exclusive* reception at The Mariners' Museum and Park to celebrate the opening of the exhibition, "*Answering America's Call: Newport News in World War I*"; 6:00 PM - 10:00 PM, on Friday, 18 May 2017. Early registration is recommended since we expect to quickly reach capacity with multiple maritime-focused organizations participating. Also, with the support of multiple sponsors, tickets for this event are less than the discounted Military or Senior admission to the Museum.



The *Answering America's Call: Newport News in World War I* exhibit will commemorate the 100th anniversary of America's involvement in the "war to end all wars"; information on the exhibit is available at www.marinersmuseum.org/answering-americas-call. Through the gracious and generous support of The Mariners' Museum, here are some highlights of the current plans for this event:

- Our group will be the only guests at the Museum that evening
- The USS Monitor Center and all Museum galleries will be open
- "Behind the scenes" tours will be available with several artifacts chosen for special display
- Complimentary hors d'oeuvres are included and cash bar will be available.

The Mariners' Museum Reception - "*Answering America's Call: Newport News in World War I*"; 6:00 PM - 10:00 PM, Friday, 18 May 2017 will include members of the following organizations:

ASNE Hampton Roads
Navy Mustang Association
USMMA Hampton Roads Alumni Chapter

USNA Hampton Roads Alumni Chapter
USNA Williamsburg Alumni Chapter
West Point Society of Hampton Roads

Membership News

New Members: April 2018:

Mr. Thomas Oster
Mr. Jonathan Podolsky

A warm welcome to our new Members.

We are presently at **406** members. Please keep up the good work in recruiting new members. **We need your help -- please sign up a new member today!**

To meet our goal of **500 members** we have initiated the "Chairman's Challenge" for 2018 where one current member recruits one new member by the end of the program year. Ask your co-workers, senior leadership, junior leadership, friends, and all maritime professionals in your sphere of influence to attend an event.

For more Membership Information, please sign in to the National or Local Websites:

- ASNE National Page - <http://www.navalengineers.org>
 - Sign in using your Login Name and PW
 - Verify your contact information is correct...email, phone, address, and more!
 - **Ms. Michelle Redmon**, the National Membership Manager at **(703) 836-6727** can help you with the logon and update your data.
- Tidewater Section Page -<https://asnetw.wildapricot.org>
 - Sign in using your Login Name and PW.
 - Verify your contact information is correct.
 - Check out the forums to voice your ideas and experience.
- Additional Membership Info:
 - If you have transferred here from another ASNE Section, please provide your new address information at the National ASNE Website listed above.
 - Tidewater Section Membership Pins are available at the dinner meetings for all New Members. Please ask the personal at the monthly meeting registration desk. Thanks for joining ASNE.

Paul F. Siebeking, P.E.
Membership Chair, TW-ASNE
(757) 481-4030

“GET A MEMBER, KEEP A MEMBER”

Communication Opportunity

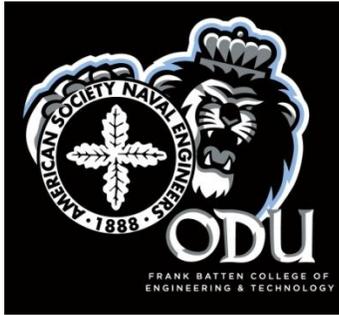


- Facebook - Tidewater Section ASNE
 - Follow the page!!
 - Like pictures and postings
 - Comment on postings in a positive and thoughtful way
 - Share with your friends
 - <https://www.facebook.com/TidewaterSectionASNE/#>
- Facebook – American Society of Naval Engineers ASNE
 - Like, comment, share, and follow the page
 - Cross post to @TidewaterSectionASNE
 - <https://www.facebook.com/navalengineers/#>

Web Site Improvements



ASNE-Tidewater has transitioned the web site to a state-of-the-art version in the Wild Apricot domain! Those of you who have been making dinner meeting reservations since September may have noticed the differences. The web site URL is the same – <http://www.asne-tw.org>--but you'll see a new, up-to-date site with better graphics, organization, information and capabilities. Please follow the menus and see what's there. View the Discussion topics and feel free to contribute if you have something to offer. Those of you who are ASNE members can look at your profile page and check to see if your information is correct. If not, log in at <http://www.navalengineers.org/> and edit your profile information. If there is a document or web site you think should be added to our TW site, please contact the webmaster at scofvb@verizon.net.



ODU CHAPTER INFO



POST YOUR COMPANY'S AVAILABLE JOBS & INTERNSHIPS

Please post internship and job opportunities at ODU's Career Management Center:

<http://www.asne-tw.org/> **or** www.odu.edu/cds/employers

Additional local university web sites:

Norfolk State University: <https://www.nsu.edu/student-affairs/career-services/index>

Hampton University: <https://collegegrad.com/post-a-job>

ODU/ ASNE Student Chapter have elected officers for the 2017-2018 Academic Year:

- President, Roman Roxas, rroxas003@odu.edu
- Vice, Logan Harley, lharl002@odu.edu
- Treasurer, Erika Osbourne, eosbo007@odu.edu

ASNE ODU Chapter Primary Contacts:

ODU Faculty Advisor: Dr. Jennifer Michaeli (jgmichae@odu.edu)
ASNE-TW/ODU Liaison: Mike D'Amato (Michael.damato@hii-tsd.com)

Other Events Update

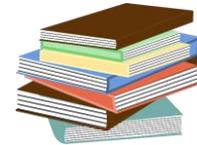
✓ *Peninsula Engineers Council Info*

PEC, Peninsula Engineers Council

✓ *Please follow this link to all current ASNE Symposia*

Symposia

Book Sale



The following professional development books are available for purchase:

History of American Naval Dry-docks by Richard D. Hepburn	\$23
Naval Engineering & American Sea Power by multiple authors	\$19
Marine Casualty Response Salvage Engineering	\$55

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

Tabletop Technical Paper Presentations

During our dinner meetings each month the Section will be having members present their poster-board/technical paper presentations from 5:30 – 6:00 during our networking time. Please plan on showing up early.

We encourage members to present their poster-board projects/technical papers. Remember, this offers an excellent opportunity for members to show and explain their project presentations, encourages others to participate, encourages and promotes engineering and also enables our Section to earn points for ASNE Section of the Year. If you are involved with a poster-board project/technical paper and are interested in making a presentation, please contact any Executive Board member.