



*American Society of Naval Engineers
Tidewater Section
May 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”

May 16, 2018	RADM James P. Downey, USN 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)
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”
TBD	Section Social Night
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)
Oct 17, 2018	ASNE TW Dinner / Meeting

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 // jbbrinkmanswo@gmail.com

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

SECTION COMMITTEES

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

I am happy to announce that Tidewater Section will be awarded “Most Improved Section” for 2017. We were also Honorable Mention for “Productivity”. Flagship section won “Section of the Year”.

We have a busy month ahead with lots of events. Our last dinner meeting of the program year is May 16 with RDML James Downey, SEA21/CNRMC. Then we have the Mariner’s Museum joint event on May 18th. 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. Thanks to Jessica Galassie, Lon Schofield, and Jim Brinkman on their hard work on this event. Thanks to last month's speaker -- CAPT Dean A. VanderLey, Commanding Officer, NAVFAC, Mid Atlantic. I was unable to attend but I understand that it was a great presentation.

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.

The slate for our Tidewater Section elections currently stands with the following nominations:

Vice Chair:	Pamela Schools
Secretary:	Todd Babcock
Treasurer:	Dr. Daniel Foster Guy Zanti

We will close out nominations after the May dinner meeting and then put out the ballot via email. Results will be announced after the June Executive Board Meeting (EBM). Thanks to those who have volunteered to run and to Herb Hood for organizing the election.

We are still working on options and plans for our social in June or July. Standby for further announcements.

See you on May 16th!

Dave Zilber



Dinner Meeting *Wednesday May 16, 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

Rear Adm. James Downey is a native of New York. He graduated from the State University of New York, Albany with a Bachelor of Science in Economics and Computer Science in 1986 and was commissioned in 1987. He earned a Master of Science in Computer Science from the Naval Postgraduate School, Monterey, California in 1997, followed by Engineering Duty Officer (EDO) School in Port Hueneme, California, where he graduated with distinction and received the Founder's award.

He qualified as a surface warfare officer (SWO) on the USS Hayler (DD 997) in 1989. Additional operational assignments include intelligence briefing officer to the commander in chief, Combined Forces Command, U.S. Forces Korea (USFK), Seoul, Korea; and multiple deployments afloat in the North Atlantic, Baltic, Arctic Circle and Pacific.



Rear Admiral
James P. Downey
Deputy Commander, Surface Warfare Commander, Navy Regional Maintenance Center

Engineering duty officer (EDO) assignments include assistant program manager (APM) for surface and subsurface integration for GPS and Navigation Sensor System Interface programs, leading Tomahawk integration; chief engineer for high assurance systems at the Defense Information Systems Agency (DISA) and National Security Agency (NSA); officer in charge of Space and Naval Warfare Systems Command (SPAWAR), Yokosuka Japan; CVN 21 program chief engineer, principal assistant program manager (PAPM) and warfare systems director; CG(X) major program manager; and major program manager for the DDG 1000 program including delivery of the first ship of the class.

Downey assumed duties as the commander, Navy Regional Maintenance Center June 29, 2016 and as Naval Sea Systems Command deputy commander for surface warfare on July 1, 2016.

Downey's awards include the Legion of Merit (two awards), the Defense Meritorious Service Medal (two awards), the Meritorious Service Medal (two awards) and various other personal, unit and service awards.

April 18, 2018 Dinner / Meeting

"We need the Shipyards the Navy needs today and in the future", per Capt Dean VanderLey, USN, Commanding Officer, NAVFAC Mid-Atlantic at the April 18th ASNE Tidewater Dinner / Meeting.

Attendees of the dinner learned that the NAVFAC facility maintenance back log has grown 41% or over \$5 Billion from the FY 2013 budgets. As the US Navy grows the fleet to meet the 355 goal set by Congress, the need for more maintenance of ships will also increase.

Most of us who work in the Maritime Industry in Hampton Roads know how important dry docks are to ship repair. NAVFAC oversees the four public shipyards with many dry docks for carrier and submarine capabilities. Repair and schedule of these dry docks will be crucial to meeting the future needs of the Navy's mission and repair tempos.

Capt. VanderLey and his team has started an Industrial Engineering Report to capture current and future needs of facility layout, flow, productivity and capabilities for the Norfolk, Pearl Harbor, Puget Sound, and Portsmouth public shipyards. The team is working on setting up a Shipyard Modernization Program of Record with a budget of \$21 Billion over 20 years to overhaul and modernize our current public shipyards to meet the future needs of the fleet for the next 100 years.



Vice Chair Jessica Galassie presents the speaker's gift to Captain VanderLey



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. If you have not already done so, please submit nominations to Herb Hood, hhood@phoenix-group.com as soon as possible.

The election slate (as of today) is as follows:

Vice Chair: Pamela Schools
Secretary: Todd Babcock
Treasurer: Dr. Daniel Foster
Guy Zanti

There will be a final call for candidates at the May 16th dinner and the election will be held on-line between May 25 – June 4. Results will be announced after the June 16 Executive Board Meeting (EBM).

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.



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

24th Annual 'Quick-n-Dirty'

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

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

1. TEAMS... Builder participation is FREE... thanks to our sponsors!
We have 18 two-person teams signed up, and there's room for two more.

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 on 23 May.

2. SPONSORS... This is a no-stress, festive event that gives terrific exposure of naval engineering and our region's rich maritime heritage to the general public. With 75,000 Harborfest attendees on Saturday and 40,000 on Sunday, it also provides great brand exposure for our sponsors. 100% of net proceeds fund ASNE Scholarships, STEM Grants and other educational programs.

DID YOU KNOW?

The 2017 'Quick-n-Dirty' contributed \$4,000 to the ASNE Scholarship Fund after covering all costs for build materials and prizes.

The Tidewater Section alone sponsored four \$4,000 scholarships in 2018. Nationally, ASNE funds approximately 15-20 engineering scholarships every year!

3. VOLUNTEERS... Helping hands are always welcome!

For more info, contact:

Mike D'Amato | michael.damato@hii-tsd.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. *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 slowly 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.

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



Membership News: May 2018

Mr. Brooks Keener
LCDR Andrew Prichett, USCG
Mr. Bruce Lavender
Dr. Daniel Foster
Mr. Stephen Jelf

A warm welcome to our new Members.

We are presently at **409** 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

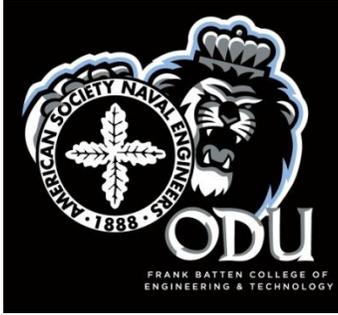


- Facebook - Tidewater Section ASNE
 - Follow the page!!
 - Like pictures and postings
 - Comment on postings in a positive and thoughtful way
 - Share with your friends
 - <https://www.facebook.com/TidewaterSectionASNE/#>
- Facebook – American Society of Naval Engineers ASNE
 - Like, comment, share,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

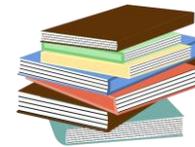
PEC, Peninsula Engineers Council

✓ *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.