



SNAME

THE INTERNATIONAL COMMUNITY FOR MARITIME AND OCEAN PROFESSIONALS



President Rich Mueller and Executive Director Elizabeth Bouchard host Adam Smith (center), Operations Director of Australia-based Marenav, during his visit to SNAME HQ.

SNAME NEWS

July 2025

In This Newsletter

President's Corner	1
HQ Update	2
Membership.....	5
In Memoriam.....	9
Education	11
Technology & Research.....	13
Publications	15
Events	16
Corporate Affiliates	18
Careers.....	18
Contact Us.....	19

PRESIDENT'S CORNER

FROM BELONGING TO ADVOCACY: TURNING ENGAGEMENT INTO INFLUENCE



In my recent articles, we've explored the importance of relevance, growth, action, and – most recently – belonging. These were not stand-alone topics, or chosen at random. Together, these topics form the foundation of a vibrant, resilient Society. But you might be asking yourself: What comes next?

Belonging isn't the finish line – it's the launch pad. When people feel as if they belong, they don't just show up. They speak up. They step forward. They take ownership. They participate. And that's exactly what we need now: a Society of advocates.

WHY ADVOCACY MATTERS

Every organization, whether civil, secular, or even religious, reaches a point where internal energy needs to meet the outside world.

Given the current market and political conditions, I believe that moment is now for SNAME. The need for shipbuilding is in the public forum in a way that it hasn't been for more than 85 years. We're seeing more student participation, increased mentorship engagement, fresh ideas from early-career professionals, and renewed passion from longtime members. But if we keep that energy bottled up inside our meetings and committees, we're missing a huge opportunity.

We need to become more visible champions—not only for SNAME, but for the value our profession brings to the maritime industry and to society at large. Whether it's in a shipyard, a boardroom, a university classroom, or a Congressional hearing room, our voices need to be heard.

BE THE VOICE OF THE PROFESSION

Advocacy doesn't require a megaphone. It starts small:

- Share your SNAME experience with colleagues and clients. Show how involvement has made you a better engineer, leader, or problem-solver.
- Introduce SNAME to your workplace – invite coworkers to a section meeting or start a corporate membership conversation.
- Promote our mission in public forums – whether it's submitting an article, speaking at an industry event, or mentoring someone who is new to the field.
- Highlight our technical leadership – let others know that SNAME is where innovation, standards, and professional excellence come together.

When we advocate for SNAME, we're advocating for naval architecture and marine engineering as a whole. We're saying, "This work matters. This profession matters. And we are proud to be part of it."

TURNING ENGAGEMENT INTO IMPACT

In many ways, this is what leadership looks like today – not just making decisions, but telling the story. Not just participating, but championing. If each of us takes just one step to amplify SNAME's voice, the ripple effect will be enormous.

So I leave you with this challenge: Don't keep SNAME to yourself. Share it. Advocate for it. SNAME itself is taking steps to do this as well; soon you'll be hearing more about our efforts to re-activate the Public Policy Committee. If that topic interests you, reach out to Bill Cowardin, our FVP of Planning at wcowardin@sname.org, or to me at president@sname.org.

When engagement becomes advocacy, SNAME's impact doesn't just grow – it multiplies exponentially!

Fair winds and following seas,



Rich Mueller

President

president@sname.org

FROM THE EXECUTIVE DIRECTOR

ANNIVERSARY REFLECTIONS

I marked my one-year anniversary as Executive Director at SNAME on 1 July, and as with most new experiences, the year was filled with challenges, changes, and achievements. However, before I reflect, I want to thank you, SNAME's members.

TRUST-BASED GOVERNANCE

An Executive Director has no chance of succeeding without the support of the organization's membership. I consider myself extremely fortunate to have had this support over the past year, and I thank you for your trust.

I owe special thanks to our Governance Subcommittee – not only for the members' dedication to meeting nearly every week for the past year, but also for the guidance they have given me. This includes taking the time to explain the history and intricacies of SNAME that are so important in running the day-to-day operations of the Society.

Like every organization, SNAME is not perfect, but our goal is always continuous improvement. I also thank those of you who have brought to my attention the things that need to be remedied. You have done so respectfully and in the spirit of trying to improve processes and the organization itself.

PROBLEM-SOLVING

When I arrived, I inherited a headquarters with inadequate staffing to support the Society. I set out to fill the gaps and realign job functions, and I am confident that we now have the necessary, skilled personnel to support SNAME's core operations and programming.

As a membership organization, it is imperative that we focus on meeting the needs of our members, including by connecting with them personally. Unfortunately, somewhere along the way, I believe that SNAME HQ lost that human touch. Reliance on electronic communications – correspondence by email and through the SNAME Communities – is partly to blame. I have asked that the staff join me in a cultural shift away from the exclusive use of electronic communications so that we can ensure that there is always a person ready and able to assist. I have seen progress over the last few months in this area and hope that you have, too.

ORGANIZATIONAL WINS

As Executive Director, I manage the day-to-day operations of the organization. One of my most essential functions is ensuring fiscal accountability along with our Finance Committee, Net Zero Committee, and Council. We have implemented activity-based accounting, whereby the cost of our products (e.g., textbooks) and services (e.g., events) are based on the activities that produce them. This is a crucial step in ensuring the long-term financial health of our Society, as it better classifies the true costs of our operations.

Upgrading our information technology and affiliated systems was and continues to be a top priority. I brought in high-speed Internet to SNAME HQ, consolidated communications systems, and enhanced our cybersecurity. With the support of the Council, I have embarked on a crucial 15-month plan to update our association software. Although we are still in the middle of this program, we have made progress, and we are beginning to see the results of our labor. We can now produce accurate data, and joining SNAME and renewing memberships should be easier. We are also implementing an electronic quality management system to ensure SNAME documents are filed and preserved in an orderly manner.

HQ UPDATE

AFFILIATE PROGRAMS AND EDUCATION FOCUS

An ever-present goal of mine is to ensure that SNAME provides value to our individual members, our corporate affiliates, and the academic institutions that partner with us and host our student sections. This was my impetus for launching our new corporate and academic affiliate programs. It is also why I hosted a trade mission at SNAME HQ, recently hired an Education Director, and seek every opportunity to highlight our invaluable Technology & Research Program.

CLOSING THOUGHTS

I know that I could not have achieved what I have achieved this past year without the dedication and hard work of SNAME HQ staff and our volunteers. I am grateful.

How do I feel about my first year on the job? It has been a good year – one filled with problem-solving and progress. But most importantly, as I look back, I am smiling and thinking about the endless exciting possibilities that lie ahead for SNAME.



Elizabeth Bouchard

Executive Director

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FOURTH OF JULY CELEBRATION

FOOD, FUN & FELLOWSHIP

A delightful evening was had by all at the Chesapeake Section's Fourth of July Celebration at SNAME Headquarters. We hope you enjoy our pictures.



Top right (l to r): Rich Delpizzo and Maria Delpizzo. **Middle left** (l to r): Sean Walsh (retired), Jonathan Kaskin (Navy League of the United States). **Middle** (l to r): Jane Sougstad (US Dept. State), Bill Peters (USCG), and Tim Bouchard. **Middle right** (l to r): Michael Arimura, Haydee Arimura, and Tosh Arimura (SNAME staff). **Bottom left** (l to r): Michael Imbesi (Gibbs & Cox), Ian Ferguson (USCG), and John Hannon (USCG). **Bottom middle** (l to r): Monica Hannon and Maria Delpizzo. **Bottom right** (l to r): Nick Bradford (ABS) and Ian Ferguson (USCG)

MEMBERSHIP

MEET OUR LOCAL AMBASSADORS!

1 July marked the beginning of our new year as well as the new terms for the Section Officers, our frontline representatives. SNAME Sections are the heart of the organization, and Section Officers play a vital role in fostering engagement, organizing local events, sending targeted communications, and showcasing the value of membership.

We are delighted to announce the chairs of our 20 professional sections for 2025-2026:

Section	Chairperson
Arctic Section	Frank Bercha
Canadian Atlantic Section	Laurie Balan
Canadian Pacific Section	Michael Elfstrom
Chesapeake Section	Renee Wiwel
Eastern Canadian Section	Ron Ogoniek
Great Lakes/Great Rivers Section	Eric Helder
Greek Section	John Kokarakis
Gulf Section	Jourdan Puyau
Hampton Roads Section	TJ Brackin
Italian Section	Vittorio Bucci
New England Section	Sandra Wyman
New York Metropolitan Section	Alex Koziol
Northern California Section	Ernie Chang
Pacific Northwest Section	Ken Lane
Philadelphia Section	Matthew Eayre
Southeast Section	Drew Orvieto
Southwest Section	John Moatsos
Texas Section	Paulo Cesar Frutuoso de Brito Filho
UAE Section	Ajith PJ
Western Europe Section	Keith Lilley

To get involved and contribute to section activities (you do not have to be a SNAME member), please contact us at memberservices@sname.org, and we will connect you to the chair of the section that is closest to you. Sections are volunteer-driven and offer exciting opportunities to get involved, grow professionally, and develop new skills.

For the complete list of section officers, please visit the dedicated [webpage](#).

2025 MEDALISTS AND AWARDEES

SNAME is committed to recognizing technical achievements, leadership, and engagement via its peer-driven medals and awards programs. Although some initiatives and programs are still underway, we are proud to announce the names of the individuals who have been awarded our prestigious medals and esteemed awards to date.

All nominees had strong credentials, impressive backgrounds, and outstanding contributions to the industry and SNAME. Those who passed final selection are:

2025 MEDALISTS

The Francis T. Bowles Medal: Kyle Tyson, Bollinger Shipyards

The William H. Webb Medal: Omer Goren, Istanbul Technical University

The Blakely Smith Medal: Arun Duggal, SOFEC, Inc., a MODEC Group Company

The Vice Admiral Emory S. “Jerry” Land Medal: Roger I. Basu, Roger Basu & Associates Inc.

The David W. Taylor Medal: Atilla Incecik, University of Strathclyde

2025 AWARDEES

The William M. Kennedy Award: Patrick Dean Roberts, SSI – Americas

The Lourdes ‘Nina’ Elona-Lilley Distinguished Service Award: Keith Lilley, Naval Architect

The Faculty Advisor of the Year Award: Heather Peng, Memorial University

The ABS – Captain Joseph H. Linnard Prize: Frans Quadvlieg, Piotr Bandyk, Nicolas Carette, and Pepijn de Jong for their paper “Validation Methodology for Time-Domain Simulation of Maneuvering and Seakeeping”

The Elmer L. Hann Award: João Casares and Nickolas Vlahopoulos for their paper “Optimizing Ship Structural Integrity Management: Opportunistic Maintenance with Corrosion Prediction”

The Vice Admiral E. L. Cochrane Award: Benjamin C. Brainard, Eric D. Schmid, and Karl A. Stambaugh for their paper “Development of a Risk-Based Performance Assessment for Boats Operating in Heavy Weather” published at the SNAME Power Boat Symposium, October 2024

Honorable Mentions for the Vice Admiral E. L. Cochrane Award

Marta Reche-Vilanova, Harry B. Bingham, Manuel Fluck, Dale Morris, and Harilaos N. Psaraftis for their paper “Propeller and Engine Performance of Commercial Windships: Benefits and Trade-Offs” published in the *Journal of Ship Research*, March 2024

Vincent Keryvin and Pierre-Yves Mechin for their paper “Mast Design Performance – Influence of the Non-Linear Elastic Behaviour of Carbon Fibres on Accuracy of Fluid/Structure Interaction Models for Estimating Mast Bending” published in the *Journal of Sailing Technology*, Volume 9, Issue 1.

MEMBERSHIP

CERTIFICATES OF APPRECIATION

- ▶ Jack Bonoli – in appreciation for launching the pilot SNAME Mentoring Program
- ▶ Pranaya Chakraborty – in appreciation for leadership and initiative in developing the “Big Jib Draw Podcast”
- ▶ John C. Daidola – in appreciation for outstanding leadership and service as the Functional Vice President – Technical and Research
- ▶ Dimitrios Dikos – in appreciation for outstanding leadership and service as the Student Steering Committee Chair for two consecutive years
- ▶ Justin M. Lorio – in appreciation for service as the Chair of the 2024 SNAME Power Boat Symposium
- ▶ Susan Partin Noste – in appreciation for launching the pilot SNAME Mentoring Program
- ▶ Thomas Perrine – in appreciation for outstanding leadership and service as the T&R Ship Production Committee Chair
- ▶ Danielle Pinksen – in appreciation for leadership and initiative in developing the “Big Jib Draw Podcast”
- ▶ Laura Simpson – in appreciation for outstanding leadership as MARITECH 2025 Volunteer Coordinator
- ▶ Atheendra Sreenivasan – in appreciation for serving as the Chair of the 2024 and 2025 Texas Offshore Symposium
- ▶ Ignazio Maria Viola – in appreciation for serving as the Editor-In-Chief of the *Journal of Sailing Technology*

Congratulations to all!

Interested in nominating a fellow professional for a SNAME medal or award? Visit the dedicated [Medals](#) and [Awards](#) web pages for more information. These programs are peer-driven, so we hope you'll help us recognize excellence by submitting nominations; we look forward to hearing from you.



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MEMBER PROFILE: DR. EDNA DOLORES ROSAS HUERTA



Student Members of Universidad Veracruzana Student Section with Dr. Edna Dolores Rosas Huerta and Thalia Kruger, SNAME Fellow Member and a great supporter of the SNAME student section and the Society as a whole in the region of Central and South America.

Student Section Advisors are an integral part of our student sections. On top of ensuring the smooth operation and viability of these organizations, they also guide and support the local student community in developing skills, fostering engagement, and navigating academic and career options.

Dr. Edna Dolores Rosas Huerta is Professor of Naval Engineering at Universidad Veracruzana (UV) in Mexico and Internationalization Coordinator at the Faculty of Mechanical Engineering and Naval Sciences. Edna is a distinguished example of a dedicated Student Section Advisor whose motivation, inspiration, and guidance have helped generations of students achieve success using SNAME's resources and outreach.

A member since 2012, Edna has been instrumental in the establishment and growth of the UV Student Section. In 2018, she joined the Scholarships Committee at the Committee Chair's invitation.

Edna has always been a strong advocate for students' participation in SNAME and industry events as part of their personal and professional development. She encourages participation in activities such as the SNAME Mentor for a Day Program at the annual Offshore Technology Conference (OTC), the annual SNAME Maritime Convention (SMC), and the SNAME Leadership Summit. She has been instrumental

in maintaining SNAME UV student members' engagement and enthusiasm throughout the years.

Edna's presence and success as an UV Professor of Naval Engineering and a leader in shipbuilding has also demonstrated her ability to thrive in a traditionally male-dominated industry, inspiring other women to pursue careers in engineering and leadership roles. Her role as Internationalization Coordinator shows her commitment to expanding the global reach and impact of the naval architecture profession.

To date, Edna has been instrumental in promoting SNAME in the Latin American region, acting as the connecting bond with regional associations. The establishment of the Argentinian National Technological University (ANTU) Student Section is just one of her success stories.

Professionally, the first Floating Production and Storage Offloading (FPSO) unit conversion project (from a chemical carrier) in Mexico can be attributed to her – another addition to the long list of accomplishments that demonstrate her expertise in a complex and specialized area of the offshore industry.

Edna has an in-depth understanding of students' needs and can speak to their aspirations when they join SNAME. She understands their priorities and challenges

MEMBERSHIP

during their student and post-graduation years, and she encourages student members to become professional members. Under Edna's guidance, UV student teams and individuals have had the chance to be awarded SNAME scholarships and student grants; one team won third place at the 6th annual Safe Affordable Ferry Design Competition. They also organized and participated in events in the region, including Colombiamar 2025, Copinaval 2024, specialized workshops, and many more activities.

The February 2025 issue of SNAME's newsletter featured the UV team that won a student grant – showcasing how classroom knowledge can apply to real-world engineering practice under the guidance of a committed Student Section Advisor.

When she is not teaching and guiding students, Edna is a big promoter of Jarocho (Veracruz) culture and food, so if you happen to visit Veracruz, she will ensure that you become a fan of it, too!

IN MEMORIAM: DONALD COURTSAL



Don Courtsal, a lifelong sailor, engineer, and devoted family man, passed away on June 18, 2025, in Venice, Florida, at the age of 95.

Born in Branford, Connecticut, Don's early love for the sea led him from Kelsey's Boat Yard to the U.S. Coast Guard Academy, where he graduated in 1951. He earned a Master's in Naval Architecture from MIT and went on to have a distinguished career in shipbuilding and finance, eventually serving as Senior Vice President at DRAVO Corporation and later as General Manager of Allegheny Financial Group.

A loyal and conscientious professional, Don joined SNAME in 1954 and was named a Fellow in 1999 – a reflection of his lifetime contributions to the field. Beyond his career, Don found joy and meaning in sailing at Pymatuning Yacht Club,

where he was commodore and a two-time fleet champion. He was a loving husband, first to Frances and later to Sis, and a proud father and grandfather.

In lieu of flowers, please consider making a donation to the UU Congregation of Venice, Florida, or the Memorial Fund at Pymatuning Yacht Club. Yacht Club donations may be made via Venmo (to @pyctreasurer; description "Memorial Fund") or a check made out to Pymatuning Yacht Club (memo - Memorial Fund) and mailed to PYC Memorial Fund, Sue Maras, 1260 Hathaway Ave., Lakewood, OH 44107.

NEW & RETURNING MEMBERS JUNE 2025

JOIN US IN WELCOMING:

Maria Alexandri, Eastern Mediterranean
Maritime Limited

Andrew Baker, AB Marine

Devajyoti Bandyopadhyay, American Bureau of Shipping

Debra Baner, USN

Qarin Bin Safriza, United States Naval Academy

Evan Bir Madan, Elliott Bay Design Group

Jacob Boden, New Jersey Institute of Technology

Pam Clark, Ultra Maritime

Terrence Dai, Crowley Engineering Services

Truong Do, Life Cycle Engineering

Patrick Faas, Solis Marine Engineering

Benjamin Fisher, Elliott Bay Design Group

Noah Harper, United States Coast Guard

Jose Hernandez, Universidad Veracruzana

Kazuo Hiekata, The University of Tokyo

John Kepler, Oakland Community College

Rajivkumar Kumaravel, Black Pearl Passenger Yachts
Boats Rental LLC

Evan Lee, U.S. Coast Guard Marine Safety Center

Mitchell Levi, The Shearer Group

Brian Logue, Duke Smart Staffing

Michael Maguire, Copsys Technologies Inc.

Neil McGhee, California State University Maritime

William McQuillan, United States Coast Guard

Cynthia McRae, The CSL Group Inc.

Rohith Murugan, Pacific Basin Shipping Limited

Alejandro Nuñez, Polytechnic University of Madrid

David Okafor, Global Maritime Consultancy UK

Iro Palaioakosta, ERMA FIRST

Tiernan Power, Vard Marine Inc.

Armin Ruzbie, DEW Engineering and Development

Najmeh Saleemizadeh, Newcastle University

Romil Shah, The University of British Columbia

Peter Shaw-Wood

Paul Simpson, Florida Atlantic University

Autumn Szczepanski, Saronic Technologies

Panos Theodossopoulos, Metis

Dominic Walsh, Chief Engineering LLX

Sarah Walsh

Tristan Wright, NSW Carderock Division

GETTING TO KNOW VIRGINIA TECH'S SNAME STUDENT ADVISORS



Rich Delpizzo and Liz Bouchard at Virginia Tech



Executive Director Liz Bouchard meets the VT mascot

SNAME's student sections make up about a quarter of our total membership. With nearly 50 sections located in Canada, Greece, Italy, and throughout Western Europe and the US, student sections are our lifeblood, keeping SNAME vibrant and current. Our vast network of dedicated faculty advisors, along with their local section liaison members, helps keep these Sections engaged and enthusiastic!

This month, I was excited to join Executive Director Liz Bouchard on a visit with the faculty advisors for one of the Chesapeake Section's student groups at Virginia Tech (VT) in Blacksburg. We were honored to meet with Professor Ella Atkins, Department Head of VT's Aerospace and Ocean Engineering Department, and Professor Christine Gilbert, her fellow advisor.

They were both generous with their time as we discussed the broad range of opportunities open to Student Section members – such as scholarships, grants, technical content, awards for research papers, and opportunities to participate in our T&R panels. We then talked about post-graduate opportunities, such as local Young Professionals programs, the Professional Engineer (PE) Review Course, and Professional Development Hours (PDH) opportunities.

Interested in any of these programs and benefits? Want to know more? Contact us at education@SNAME.org.

THERE'S STILL TIME: SIGN UP FOR THE PROFESSIONAL ENGINEER (PE) REVIEW COURSE!

The PE Review course started on 14 July, but you can still catch up on the virtual assignments. Hurry – registration ends on 18 August!

Don't miss this exclusive opportunity for SNAME members. Click [this link](#) for more information.

MEET MAGGIE CAMPBELL – ASTRONAUT SCHOLAR!



SNAME's robust student sections around the world are among the Society's greatest strengths. While meeting with Dr. Ella Atkins and Dr. Christine Gilbert, the Student Section faculty advisors at Virginia Tech (see page 14 for more on this visit), we were excited to learn that one of their student members, Maggie Campbell, has been named an Astronaut Scholar!

The Astronaut Scholarship Foundation awards scholarships each year to students around the country who excel in science, technology, engineering, and mathematics in ways that reflect the legacy of America's first astronauts, the Mercury Seven. The organization aims to continue America's leadership in technology and innovation.

We caught up with Maggie recently and asked her to share her thoughts about earning this impressive honor.

"I am honored and incredibly grateful for this scholarship," she said. "It will support my future endeavors in ocean engineering through the Kevin T. Crofton Department of Aerospace and Ocean Engineering at Virginia Tech. I will also be connected to all past Astronaut Scholars who are similarly dedicated to research and innovation in their own fields."

She also credits her professors and mentors, Dr. Gilbert and Dr. Pat Artis, who helped her earn this achievement. "Maggie Campbell is a high achiever in everything she does – classes, research, extracurricular activities, and leadership," said Dr. Gilbert. "She is well-deserving of this award, and she will be a major contributor to our field."

Maggie is an intern at Naval Surface Warfare Center (NSWC) Combatant Craft in Norfolk, where she has had the opportunity to perform a wide range of structural and regulatory assignments for new designs and in-service vessels. Her internship is part of the Naval Research Enterprise Internship Program (NREIP), a highly competitive program that places academically talented students in Navy laboratories, allowing them the opportunity to learn about Naval research and technology while receiving first-class mentoring by top scientists and engineers.

Maggie has also been accepted as a scholar with the SMART (Science, Mathematics, and Research for Transformation) program run by the Department of Defense. As part of this program, she is slated to return to NSWC Combatant Craft after graduation. Maggie has been accepted into the accelerated VT Ocean Engineering program and will start taking her first graduate classes this fall.

When she isn't working or studying, Maggie enjoys all forms of sailing and talks enthusiastically about competitive racing. While she grew up using small sailing craft and has always enjoyed the challenge of feeling the movement of the boat as she guided it through a race, she now finds herself drawn toward the power, speed, and challenge of larger sailing vessels. We at SNAME look forward to seeing her more as she completes school and enters our industry!

Do you know someone in a Student Section who has earned a special achievement? Let us know at education@SNAME.org.



Rich Delpizzo

Education Director

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T&R UPDATE – SNAME INHERITS SHIP STRUCTURES COMMITTEE LIBRARY

The Ship Structures Committee (SSC) was founded in 1946 to fund and coordinate ship-related structures research. The SSC Executive Director is a U.S. Coast Guard officer, and there are 10 member agencies from the U.S. and Canada; the screen capture below is from the SSC website.

SSC Member Agencies



Over its nearly 80-year history, the SSC has funded many research projects and a number of Symposia that resulted in a technical library of more than 760 papers. However, in recent years, the need for an organization like the SSC has diminished significantly, and in April, LCDR Bryan Andrews, then Executive Director of the SSC, contacted SNAME and informed us that the SSC voting members were considering dissolving the Committee. He asked if SNAME would be willing to take over management of the SSC library on the condition that it remain open-source, freely available to all.

After a brief internal discussion, I prepared a proposal and presented that to the SSC Executive at its Spring meeting in May. At that meeting, the members voted unanimously to recommend SSC dissolution and transfer of the library to SNAME. On 15 July, the SSC Principal Members held a Special Session in lieu of their Annual Meeting with the sole topic on the agenda being consideration

of the SSC dissolution and transfer of the library and remaining funds to SNAME. The proposal was accepted unanimously, and the current SSC Executive Director, LT Amy Chamberlin, said that she would prepare the necessary paperwork.

During this meeting, SNAME affirmed that we will arrange to host the SSC library on the SNAME page on OnePetro.

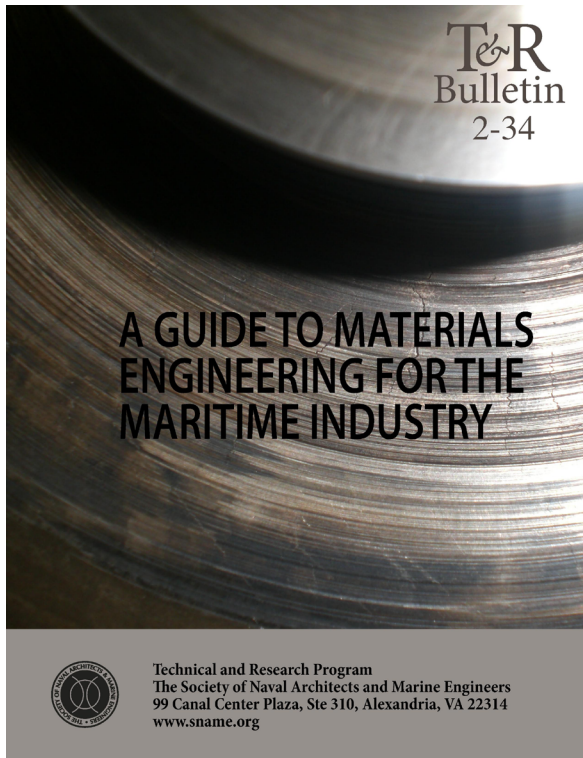
As Technology and Research Director, I also stated that SNAME would be happy to create a special panel under the T&R Hull Structure Committee to provide a forum where current members of the SSC can continue discussion on subjects of mutual interest. I will be the point of contact for that and will work with LT Chamberlin to ensure a smooth transfer of the library and support the former SSC members' integration into the SNAME T&R program.



Rick Ashcroft

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T&R BULLETINS – SNAME AT WORK



A Guide to Materials Engineering for the Maritime Industry, T&R Bulletin 2-34 (2015), is in the spotlight for July. This bulletin started as a presentation at a meeting of the New York Metropolitan Section by Dr. Yvonne Traynham, who was then a professor at the United States Merchant Marine Academy. Those present encouraged Dr. Traynham to develop the materials as a bulletin.

Originally envisioned as an 80-page document, the resulting text is more than 200 pages long, and the reader will find it chock-full of useful information, tables, illustrations, and references geared for practical use in the marine industries.

The seven chapters and more than 100 subchapters cover aspects of materials engineering, testing and evaluation, corrosion, and failure; the material is of

specific interest to marine designers as well as those who maintain structures and machinery in the marine environment.

The guide also provides information on non-destructive test and evaluation (NDT&E) techniques and their use and addresses advance materials and processes. It provides 240 references to assist those who require more detailed information on a specific process. This bulletin is a must-have for designers, builders, and operators – there is no comparable source for information on materials used in the maritime industry.



Rick Ashcroft

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JOURNAL OF SHIP RESEARCH APPOINTS NEW EIC



Dr. Martin Irvine, Jr., Ph.D., (F)SNAME, was appointed Editor-in-Chief of the *Journal of Ship Research* (JSR), taking over for former EIC Thomas C. Fu, whom we thank for his years-long contribution.

Dr. Irvine is the Associate Vice President for National Security Initiatives at Old Dominion University, where he leads cross-cutting research in areas including AI/ML, autonomous systems, and modeling and simulation. A SNAME Fellow, Marty brings more than 25 years of experience in naval engineering and defense research.

He previously served as Executive Director for the Naval Surface and Undersea Warfare Centers, overseeing more than \$16 billion in RDT&E activities and leading 30,000 personnel nationwide. His career spans senior leadership and technical roles across the U.S.

Navy, from submarine force strategy to hydrodynamic research. His recognition includes the Navy Superior Civilian Service Award and the VADM Charles E. Weakley Award. Dr. Irvine holds a Ph.D. in Mechanical Engineering from the University of Iowa and degrees in Ocean Engineering from Virginia Tech.

"I am honored to assume the role of Editor-in-Chief and Chair of the Editorial Board of the *Journal of Ship Research*," says Dr. Irvine. "While many of the current problems in the maritime field are focused on present-day challenges, we must continue to inspire, document, and publish groundbreaking and canonical research in our field. The research of today is the solution to tomorrow's problems.

"I look forward to working with the Editorial Board to cultivate and provide our community with a journal that showcases great applied research in hydrodynamics, propulsion, ship motions, structures, vibrations, and cross-disciplinary studies. Whether it is your first or your 10th publication in JSR, your contributions are welcome and encouraged. Thank you for your inspired research and continued support of the *Journal of Ship Research*."

If you'd like to subscribe to the *Journal of Ship Research* or submit a paper, please visit sname.org/journals-transactions



Eland Mann

Publications Coordinator
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SUBMIT YOUR PAPER PROPOSAL FOR OTC 2026 TODAY!

The Call for Papers is now open for Offshore Technology Conference (OTC) 2026, the leading global forum for technical excellence in offshore energy. This is your opportunity to share your expertise, showcase impactful work, and join a global community of innovators, engineers, and industry leaders.

Your experience matters. Are you advancing subsurface engineering, field development, carbon management, drilling, completions, or production systems? Share your work.

Submit your proposal by 9 September 2025 and let your expertise shape the future of offshore energy!

To see a complete list of topics and submit your proposal, visit the [website](#).



REGISTRATION IS OPEN FOR THE SNAME PRE-CONFERENCE SESSION AT IBEX 2025

You can now sign up for “Design of Electric and Hybrid Propulsion Systems for Small Craft—Expanded Course,” SNAME’s pre-conference session at IBEX 2025 on 6 October in Tampa, FL.

This updated and expanded course will feature new technical content and a discussion of fuel cells and solar arrays as a means of improving range, along with an emphasis on working through specific design examples. Attendees should be familiar with some basic electric propulsion principles, such as the difference between parallel and serial hybrid systems, and the performance characteristics of different battery types.

This full-day event is designed primarily for boatbuilders and designers of vessels under 100 feet (30m). We will cover key design principles in detail and analyze representative case studies. Don’t miss this opportunity to learn from Dan Hanes, President at Sea3 Systems, and Drew Orvieto, Director of Marine Solutions at Siemens Energy.

[Click here](#) to learn more and register for IBEX!

EVENTS

UPCOMING GLOBAL INDUSTRY EVENTS:

2 - 5 September – [SPE Offshore Europe Conference & Exhibition](#), Aberdeen, Scotland

15 - 19 September – [London International Shipping Week](#), London, UK

7 - 9 October 2025 – [IBEX 2025](#), Tampa, FL

19 - 23 October 2025 – [International Symposium on Practical Design of Ships and Other Floating Structures](#), Ann Arbor, MI

21 - 24 October 2025 – [KORMARINE 2025](#), Busan, Korea

29 October 2025 – [International Conference on FAST Sea Technology 2025 \(FAST 2025\)](#), Norfolk, VA

29 - 31 October 2025 – [SNAME Maritime Convention 2025](#), Norfolk, VA

4 - 5 November 2025 – [Marine Log Ferries Conference and Expo 2025](#), Jersey City, NJ

3 - 5 December 2025 – [International WorkBoat Show 2025](#), New Orleans, LA

UPCOMING SECTION EVENTS:

28 August 2025 – [SNAME Canadian Pacific Pitch and Putt Golf Tournament](#), In-Person Event (Contact: Vincent Liu, vincent.liu@seaspan.com)

To include an event in SNAME's monthly newsletter, please email events@sname.org by the 15th of the month.



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SNAME

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