

Top left to right, Barbara Vicedomine (Business Development Director, Gibbs & Cox) and SNAME member Bill Cowardin (Vice President, Global Ship Design, Gibbs & Cox) as well as SNAME member Bradley Golden (Associate Professor of Naval Architecture, Webb Institute) recently helped sort through photographs, prints, drawings, memorabilia, and papers to help determine their historic value to SNAME. [READ MORE page 2](#)

SNAME NEWS

January 2025

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CHARTING A COURSE FOR GREATER RELEVANCE – JOIN US!



By the time you read this newsletter, many of you will have seen my President's Message in the January issue of *MT* magazine. I want to speak to both members who receive our *MT* magazine as a benefit of membership and members and non-members who receive this newsletter. In my *MT* message, I introduced a

comprehensive Strategic Plan for my two-year term, where my focus will be on these key priorities:

- Foster an open and inclusive environment within the Society that encourages diversity of thought, leadership, and engagement with all members, staff, and guests of SNAME.
- Strengthen industry, organizations, and university partnerships by meeting with the leaders of these groups to demonstrate SNAME's relevance.
- Improve our marketing and communications within and outside the Society to inform members, industry, maritime organizations, and university leadership of SNAME activities, areas of focus, and accomplishments.
- Ensure SNAME's operational excellence and long-term financial health.

Embedded in the implementation of all of the above is the expectation that our members are not only actively engaged, but that the membership of our Society in fact includes all of the many stakeholder groups that SNAME can and should be a part of. That includes all of YOU!

However, like every technical society, SNAME faces a specific challenge that calls for renewed focus and commitment. Chief among these is this: To attract new members, how can SNAME improve our relevance to members and the entire maritime industry, so that they see the value of membership and want to join?

While this question is not new, I believe that responding to it is more urgent than ever. SNAME's very survival depends on how we answer this question. Our industry is evolving at an unprecedented pace. To remain at the forefront, SNAME must position itself to be an indispensable resource—offering value that empowers our members and positions the Society as THE leader in advancing maritime technology and knowledge.

So what can each of us do, as individuals, to support the more global Society strategic initiatives noted above? Let me suggest the following possibilities:

1. **Join SNAME!** This might seem self-serving at first, but I assure you that you will very quickly find that the price of your membership is in fact far exceeded by the value of what you will receive from being an active, engaged member. Whether it's saving the cost of the 20 free technical paper downloads you receive as a member, or the value of the networking with industry leaders that you will realize if you attend any local Section event or our annual SNAME Maritime Convention at discounted registration rates, or the access you will get to subject matter experts on our more than 80 Technical and Research Panels and Committees; in these ways and more you will receive tremendous value for your membership dollar. Over the next two years, I promise you that SNAME will demonstrate that value in every way that we can.

2. **Strengthen Your Industry Connections:** SNAME's strength lies in its members—students, professionals, and retirees alike. We must foster even stronger relationships across generations and disciplines. To do so, we will be expanding our mentorship programs, leveraging our website and social media platforms to improve our collaboration, and hosting dynamic, inclusive events to ensure that every member feels engaged and valued.

3. **Expand Your Knowledge Leadership:** As a Society, we are the custodians of a vast repository of maritime technical knowledge. But to remain relevant requires action to keep our knowledge current. I invite you to share

PRESIDENT'S CORNER

your knowledge with the industry by offering to prepare a timely technical paper or presentation, participate in a webinar on a cutting-edge topic, or get involved with your industry colleagues to address a current challenge by joining a T&R panel that interests you.

Achieving these goals will require collaboration, creativity, and commitment from every member. Together, we can ensure SNAME not only remains relevant but thrives as THE driving force in our maritime industry.

I invite you to join me on this journey. If you are not a member, join SNAME! If you are already a member, share your ideas, get involved, and help us shape the future of SNAME. Let's work together to make 2025 a year of growth, impact, and innovation.

Fair winds and following seas,



Rich Mueller

President

president@sname.org

ON THE COVER

HELPING HANDS FOR A HERCULEAN TASK



Special thanks to Barbara Vicedomine (Business Development Director, Gibbs & Cox) and Bill Cowardin (Vice President, Global Ship Design, Gibbs & Cox) who spent an entire morning sorting through photographs, prints, drawings, and memorabilia to help determine their historic value to SNAME. Their efforts unearthed framed "Instructions for the Use of Froude's Slide Rule for the Displacement of Ships." These instructions have been placed next to Froude's slide rule that is on display at SNAME HQ.

Another gem was found by Bradley Golden (Associate Professor of Naval Architecture, Webb Institute) who also deserves special thanks. Bradley spent an afternoon

moving and sorting through boxes, boxes, and more boxes of paper. Bradley discovered the original construction drawings for the shipping case that SNAME had built for the USS Mayflower bell that is prominently displayed at SNAME HQ.

Although there is still more to sort through, the efforts by these wonderful volunteers helped tackle the herculean task of sorting through items that had been placed in storage for years.

FROM THE EXECUTIVE DIRECTOR

PRIORITIES FOR 2025

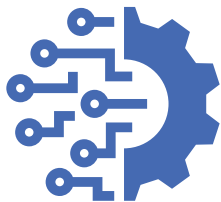
Strategic planning is a crucial factor in driving growth and achieving success in non-profits just as it is in for-profit businesses. This requires effective goal-setting, prioritization, and alignment of strategies. SNAME President Rich Mueller's Strategic Goals for 2025-2026 have set the stage for the coming year and it is my job to facilitate and ensure that they are attained. Thus, my priorities for 2025 are to:

1. Make certain that each SNAME Headquarters department has developed a strategic plan that articulates precise objectives, establishes quantifiable metrics, and focuses on time-bound, achievable goals that align with SNAME's mission and vision.
2. Facilitate the communication and coordination between HQ staff and Functional Vice Presidents in the implementation of the strategic plans and to help clarify roles and responsibilities.
3. Bring greater visibility to our Technology & Research program, a fundamental component of our Society.
4. Provide enhanced support to our continuing education programs.
5. Ensure that our corporate affiliates and sponsors are realizing value in their investments in SNAME.
6. Continue to modernize our IT platforms to meet the needs of the Society and members.
7. Engage with industry, universities, members, and others to forge dynamic and mutually beneficial relationships that support SNAME's mission.

I am confident that successful implementation of these initiatives will go a long way in meeting and achieving our strategic goals over the next two years.

SNAME WEBSITE & DATABASE IMPROVEMENTS

We have completed an upgrade to our SNAME Member Portal! Becoming a new member, renewing your membership, and accessing the member portal will be more accessible and secure for all users.



Please note that we are in the process of adding new technological features, increasing performance, and ensuring that security is at its highest. This will allow us to better serve our members going forward.

Thank you for your patience as we continue to improve our infrastructure.

If you experience any issues or have questions, please send an email to it@sname.org.

OFFSHORE TECHNOLOGY CONFERENCE BOARD MEETING

Did you know that the [Offshore Technology Conference \(OTC\)](#) is an association of 15 non-profits that are responsible for planning the event? I learned this and more when I attended the recent OTC Board Meeting (9-12 January in NYC) with Donald Burris, SNAME's designated and engaged OTC representative. At the meeting Donald was elected as OTC's next Vice Chair, serving from 9 May 2025 to 7 May 2027. OTC's organizations work cooperatively on three events (OTC Houston, OTC Brazil, and OTC Asia) dedicated to accelerating the development and transfer of interdisciplinary offshore technologies. Revenue from the events is returned to the sponsoring organizations. Join us at [OTC Houston](#) 5-8 May 2025!



Left to right, Sandeep Khurana (MTS), Donald Burris (SNAME), Neil Kavanagh (SPE)



NEW PUBLICATIONS COORDINATOR

Please join us in welcoming Eland Robert Mann, our new Publications Coordinator. With over five years of editorial and publication management experience and knowledge in marketing and social media platforms, we are confident that he'll make a great addition to our team. Eland, who has replaced Thais De Oliveira, will be based at SNAME HQ in Alexandria, Virginia and report to Publications Director Maggie O'Brien.

Email: emann@sname.org | Department Email: publications@sname.org | Phone: (703) 278-3619



Elizabeth Bouchard
Executive Director
ebouchard@sname.org

NEW & REINSTATED MEMBERS DECEMBER 2024

JOIN US IN WELCOMING:

William Paul Anderson, United States Coast Guard

Jorge Carlos Angel, Escuela Superior Politecnica del Litoral

Maclaren Parker Bell, Texas A&M University - Galveston

Carlos R. Bertrand, Texas A&M University - College Station

Alan Jeffrey Brown, Virginia Tech

Danna Romina Calapiña, Escuela Superior Politecnica del Litoral

Teresa Campoy, Abance Engineering

Chris Clark, TOTE Services

Joshua M. Davis, Karl Senner, LLC

Arun Duggal, SOFEC, Inc.

Colamba Liyanage Sandaruwan Fonseka, Sri Lanka Navy

Pierre Forin, Calcarea

Alexios Glampedakis, BP Shipping Ltd.

Vladimir Gusev, Perulla LLC

Mohammed Abdul Hannan, The University of British Columbia

Martin Chaur-Wen Huang, Rolls Royce

Yusuf Umut Köhrin, Piri Reis University

Mark Alexander Kostjuhin, University of New Orleans

Michael R. Laurence, United States Coast Guard

Roopesh Kishan Mallepaddi, Texas A&M University

Martha Newhook, Cenovus

Donna Lynn Nier, The National Board of Boiler and Pressure Vessel Inspectors

José Luis Obando, Escuela Superior Politecnica del Litoral

Anderson Ogg, HavocAI

Arsenios Theodoros Papatheodorou, BPCO LTD

A G Kisal Ransika Perera, Memorial University of Newfoundland

Camila Bernarda Quinde, Escuela Superior Politecnica del Litoral

Hristo R. Ralchev, Canadian Coast Guard

Natalie Grace Reynolds, Florida Atlantic University

Jarold David Riera, Escuela Superior Politecnica del Litoral

Martin Robitaille, Fareast Boats Canada

Liniker Orlando Sánchez, Escuela Superior Politecnica del Litoral

Nikodimos Siatras, National Technical University of Athens

Kye Malcolm Sisson, The Wooden Boatshop

Sarah St. Cyr, BMT

Douglas Merola Stisi, SUNY Maritime College

Claudio Valdés García, SEMAR

Daniel Westerbaan, Hydro Tech

David Lee Wiman, United States Merchant Marine Academy

John Horton Wright, Womble Bond Dickinson

FELLOWS NOMINATIONS DUE 28 FEBRUARY

In 2024, 16 professionals with outstanding contributions to naval architecture, marine, or ocean engineering, or allied disciplines, were accorded the honorific designation of SNAME Fellow and added to the long and prestigious list of Fellows. SNAME is now accepting nominations for the 2025 Spring review cycle. This program is a way to recognize your peers and their contributions to our community. Nominations are due by 28 February. Detailed information about SNAME Fellows and the [online application](#) can be found on the [SNAME website](#).



Sofia Iliogrammenou

Director, SNAME European Office

Director, Membership

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KEITH LILLEY

FOUNDING MEMBER & CHAIR OF THE WESTERN
EUROPE SECTION

SENIOR REGIONAL VICE PRESIDENT-INTERNATIONAL

At what point in your career did you join SNAME?

I joined SNAME in 2010 whilst working as the Director of Engineering at ABS Europe Ltd. Since University I had been a member of another institution but was convinced by a SNAME “ambassador” that the benefits of joining would far outweigh the cost, as indeed proved to be the case. Joining SNAME has been a very positive and productive event in my career.

You are one of the founders of the Western Europe Section and the current chair. What inspired you to start a section and what have been the most rewarding and most challenging aspects of your endeavor so far?

There are many SNAME members in the international arena who are not affiliated with a section. This was the case in the UK in 2010. One of the benefits of being in a section is the opportunity to meet fellow members. In 2010 a group of members in the UK decided to assemble SNAME members in the region for a collegium in London. The event was extremely well attended and received. It was noted that not only UK members attended but also members from other adjacent European countries.

With the initial momentum, there followed further collegiums in 2011, 2012, and 2013. Again, they were all well attended and offered a rich and varied set of presentations. Because of positive feedback and the success of the collegiums, it was decided at the beginning of 2013 to apply for section status.

Although the largest contingent of members was in the UK, it was also decided that it would be better to include other adjacent countries who had exhibited an interest in a section in the area. This led to the proposed naming of the section as the “Western Europe Section.”

At the 2013 collegium, the Western Europe Section was officially inaugurated in the presence of Peter Noble, the then president of SNAME.

One of the key challenges to the Section was its geographic extent. It was evident that the Section was London centric, and the goal was to involve as many members as possible in events. This not only applied to the other countries, but also to those dispersed around the UK, which is by far the largest element of our membership. It was decided that a webinar should be included as part of our presentation offering, and thus the Section provided hybrid events well before it became more usual these days.

A key element and another challenge was to establish student sections in the region. This was helped by contacts in the universities, as well as student interns at ABS who were encouraged to help when they recommenced their studies. Through very positive commitment, student sections were quickly established in the Section. The students established themselves as key participants at the symposia, and this continues to this day.

MEMBER PROFILE

It is important to understand that WES is part of the SNAME community and to fully participate in the Society, the WES Committee members have been very proactive in contributing to appropriate Society Committees. Section members have held positions on the Council, Executive Committee, Planning Committee, Sections Committee, Membership Committee, Fellows Committee, Nomination Committee, Scholarship Committee, T&R Panels, YP Committee, and the SNAME Academy Working Group. Such involvement has been very beneficial to the Section and has also given SNAME an increased international presence into all discussions.

What advice would you give to someone interested in starting a SNAME section?

Firstly, you need a critical mass of members in an area who are very enthusiastic to make such an adventure work. There are guidelines on forming sections and these need to be fully understood before embarking on the challenge ahead. I am always available to discuss the process of starting a section with anyone who is interested.

Based on your experience as a SNAME “ambassador” on the frontline, which is more challenging, member recruitment or member retention? And what advice can you give to other fellow section chairs?

Without doubt the biggest challenge has been member retention, particularly with students. For many years WES has successfully recruited new members but kept the same overall numbers due to non-retention. This is a big challenge for all of us. My advice is to try everything you can to keep in contact with all members and attend the Sections Committee meetings where initiatives of “best practice” may be discussed.



HAVE YOU CHECKED YOUR MEMBERSHIP STATUS RECENTLY?

Your continued involvement with SNAME is incredibly important to us. Log into sname.org and review your membership profile to make sure your record is up-to-date. We do not want you to miss urgent news and events affecting our community.

If you need assistance accessing your account or renewing your membership, please contact us at memberservices@sname.org. We are more than happy to assist you with your membership renewal and answer any questions that you may have about the benefits of your SNAME membership.

EVENT HIGHLIGHT

WESTERN EUROPE SECTION
"LARGE YACHT STABILITY" BY ANDY KING, HOULDER LTD.

7 January 2025



Attendees at the Western Europe Section's first event of 2025.

The Western Europe Section held its first meeting of the new year on 7 January. The meeting was held in hybrid format, with a total attendance of 56 attendees for an excellent presentation from Andy King.

Large motor yachts occupy an unusual space in the Naval Architecture world. Their owners demand a mix of operability, opulence, and originality and hence their designs continually push the boundaries and require fresh thinking. The stability of these vessels is particularly interesting because of the goal of large open arrangements, novel design features, and openings close to the waterline. 2024 saw the introduction of the new Red Ensign Group Yacht Code and, with it, the implementation of some new stability requirements. The presentation focused on these changes, and indicated how designers can ensure a compliant design as well as how masters can understand the stability booklet.



SHIP AS A CITY

Did you ever wonder how standards are used in marine vehicle design, construction, and operations or why and how standards are developed in the maritime industry?

If so, check out this new project of Webb Institute and ABS sponsored by the National Institute of Standards and Technology:

[The Ship as a City: The Use of Standards to Design, Build, and Operate Marine Vehicles](#)

Material provided through this project is free to use for educational purposes

UPCOMING INDUSTRY EVENTS:

- 12 February 2025** - [New Nuclear for Maritime Houston Summit 2025](#) - Houston, TX
- 4 March 2025** - [30th Offshore Symposium](#) - Houston, TX
- 14 - 15 March 2025** - [Chesapeake Sailing Yacht Symposium](#) - Annapolis, MD
- 25 - 26 March 2025** - [Marine Log Tugs, Towboats and Barges Conference](#) - Mobile, AL
- 6 - 9 April 2025** - [SeaAirSpace 2025](#), National Harbor, MD
- 22 - 24 April 2025** - [Mari-Tech 2025](#) - Montreal, QC
- 9 - 11 June 2025** - [Green Marine's GREENTECH 2025](#) - New Orleans, LA
- 22 - 27 June 2025** - [44th International Conference on Ocean, Offshore & Arctic Engineering®](#) - Vancouver, BC
- 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
- 4 - 5 November 2025** - [Marine Log Ferries Conference and Expo 2025](#) - NYC, NY
- 3 - 5 December 2025** - [International WorkBoat Show 2025](#) - New Orleans, LA

UPCOMING SECTION EVENTS:

- 4 February 2025** - [British Battleship Gun Mountings](#) Hybrid Event: In-Person / Virtual - London, UK
(Contact: Keith Lilley, klilley@outlook.com)
- 5 February 2025** - [SNAME Past, Present, and Future](#) - Hybrid Event: In-Person / Virtual - Hampton, VA
(Contact: Kristina Matranga, kristina.c.matranga@hii-nns.com)
- 8 February 2025** - [Green Fleets Symposium](#) - In-Person Event - Vancouver, BC (Contact: Alex Bishton, alexanderbishton@gmail.com)
- 4 March 2025** - [The Rise of Civil Nuclear in Maritime](#) - Hybrid Event: In-Person / Virtual - London, UK
(Contact: Keith Lilley, klilley@outlook.com)



Rachael Gass

Manager, Events & Digital Assets

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NEW T&R BULLETIN ON UNDERWATER RADIATED NOISE

When we talk about pollution of the Earth's lakes, rivers, and oceans, most people think of plastic and other physical garbage: this is natural because these receive a lot of attention in the media. But there is another pollution that is at least as damaging in its impact on marine life: underwater noise created by human activities.



Orcas and other species hunt using acoustic techniques. Human created URN impacts their ability to locate food.

Recognizing this problem, SNAME created Panel EC-14 Underwater Radiated Noise in 2019 as part of the Environmental Engineering Committee. The Panel's first job was to review T&R Bulletin 6-2 MVEP GM-1 General Measures: Ocean Health and Aquatic Life - Underwater Noise, which was released in 2014. The review revealed that although only five years old, the bulletin was already in need of updating. That process began in 2020 - then the effort ground to a halt when the COVID-19 pandemic hit. Work resumed in 2023 under the guidance of Panel Chair Jesse Spence. The thorough review of Bulletin 6-02 was repeated and this time the Panel members determined what had originally been considered as an updating effort now merited a complete re-write, significant enough to warrant a new bulletin number, rather than simply updating the year of release of a revision. The new Bulletin, 6-03 Guidelines for Reducing Underwater Radiated Noise from Commercial Vessels, was released on 30 January and is now available for purchase. This Bulletin will be useful for owners, operators, and designers who desire to improve the underwater acoustic environment to the benefit of the inhabitants. Excerpted from the introduction:

Underwater radiated noise (URN) from commercial vessels is a concern for the health of aquatic ecosystems and human communities around the world. As stated in the IMO's Revised

Guidelines for the Reduction of Underwater Radiated Noise from Shipping to Address Adverse Impacts on Marine Life ("IMO Guidelines", IMO 2023), sound is the primary sensory mechanism used by aquatic fauna for many life functions, including social interactions, reproduction, navigation, and detection. Documented impacts on marine mammals, fish, and invertebrates from underwater radiated noise (URN) include developmental impairment, poor body condition, increased predation, decreased offspring survival, less feeding, DNA fragmentation, behavioral changes, masking issues, and physiological responses.

Historically, reductions in URN have not been a design goal for most commercial vessel types. Many in the marine community are not aware of the available tools, methodologies, and expertise that exist to help design quieter vessels. However, these items are utilized only when owners require noise reductions as a design goal.

Owners and operators are being called upon to reduce URN from their vessels, and noise reductions may become mandatory in the near future. Some vessel owners and operators are acting now to design new vessels and retrofit existing vessels to produce lower noise. Many ferry and cruise operators are interested in reducing their impact on marine life. Research vessels benefit operationally from quieter operations. The processes, tools, and approaches used to create these quiet vessels can inform the design and construction of future quiet vessels of all types. This document provides practical knowledge that will support development and construction of quiet vessel designs. Furthermore, organizations such as Green Marine, the voluntary environmental certification group, provide support through membership to vessel owners who want to reduce URN by the development and adoption of best practices.

Marine mammals are the poster creatures for the negative effects of underwater radiated noise, but URN creates problems for many species and Bulletin 6-03 will help reduction efforts. You may have noticed that this Bulletin is specifically oriented toward the commercial segment of our industry. This was a conscious decision - the world's navies already work to reduce underwater radiated noise, and those efforts benefit the marine environment and its residents as well.



Rick Ashcroft

Director, Technology and Education
rashcroft@sname.org

AUTHOR OPPORTUNITIES – ABSTRACTS DUE 10 FEBRUARY



SNAME MARITIME CONVENTION 2025

The 2025 SNAME Maritime Convention (SMC 2025) technical sessions will take place on Thursday and Friday, 30-31 October 2025 in Norfolk, Virginia, USA. The theme for SMC 2025 is Technology Transfer - Bringing Global Best Practices to the Maritime Industry. Potential content includes, but is not limited to, material from around the world on the following topics: design, build, manufacture, operate, sustain, and recycle.

The Call for Content and detailed instructions for submitting an abstract can be found at: [SMC 2025](#)

FAST 2025

The International Conference on Fast Sea Technology (FAST) is the premier global conference for high performance ships and craft that brings together experts in their research, design, manufacturing, and operations from around the world to share the latest knowledge and experiences with these vessels and their supporting technologies.

FAST 2025 will be held 29 October 2025 in Norfolk, Virginia, USA, ahead of the SNAME Maritime Convention. The theme of the 2025 conference is Connecting the Dots in High-Speed Craft Digital Design, with papers concerning the digital thread running through all phases of the system lifecycle. Advanced computational, experimental, and machine learning techniques to facilitate individual elements of the digital thread, and methods to link the elements together to integrate the thread are welcomed.

The Call for Papers and detailed instructions for submitting an abstract can be found at: [FAST 2025](#)



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NEW – ADVERTISING OPPORTUNITIES IN SNAMENEWS

This monthly newsletter is distributed to more than 20,000 members of the maritime community and includes news, features, information about upcoming association and industry events and programs, and more. For information about reaching out to both SNAME members and non-members by advertising in SNAME News, please send an email to publications@sname.org.

NEW RELEASES – MARINE ENGINEERING SERIES

NEW CHAPTER – EXHAUST GAS EMISSIONS MANAGEMENT This is a completely new chapter that addresses the harmful emissions from marine engines, International and Domestic limitations and requirements, and the strategies, processes, and equipment utilized to respond to these demands. This area is of the utmost importance and a major challenge for marine engineers as the maritime industry seeks to decarbonize in the coming decades. Kevin Reynolds and Colin Flynn of Glosten, Inc., Seattle, WA provide a comprehensive presentation of these requirements and responses. This chapter is part of an excellent three-part series of chapters dealing with decarbonization and future fuels: “Greenhouse Gases and a Low Carbon Future” by Suárez de la Fuente, Baresic, and Smith; this “Exhaust Gas Emissions Management” chapter; and “Marine Fuels, Storage and Treatment” to appear later by Thomas McKenney.

[LEARN MORE](#)

REVISED CHAPTER – THERMODYNAMICS, COMBUSTION AND HEAT ENGINEERING

Prof. Emeritus Jose Femenia presents an updated and modified coverage chapter that introduces the thermodynamics, combustion, heat transfer and heat engineering associated with marine power cycles and steam plant heat balances. This is based on a long career of teaching, consulting and research related to both marine and land-based power plants. Following a review of thermodynamic principles, the fundamentals of combustion and heat transfer are introduced. Ideal power cycles are presented including regenerative and reheat vapor cycles. The thermodynamics and heat transfer associated with marine boilers are then briefly presented. The external thermodynamics of marine steam turbines and the estimation of state lines are discussed. This sets the stage for the introduction to the thermodynamics and heat balances of marine regenerative and reheat steam plants. The chapter closes with a discussion of waste heat recovery and gas turbine and steam combined cycles. This chapter provides excellent text material for marine applied thermodynamics and heat engineering. It would also provide a valuable review for marine engineering PE license study.

[LEARN MORE](#)



Maggie O’Brien

Director, Publications

mobrien@sname.org

IN MEMORIAM

ZHIHAO GEORGE GU

Zhihao George Gu, beloved son of Pu Gu and Meiyi Guo, departed peacefully surrounded by family and a dear friend on the evening of December 27, 2024, at the age of 67. He now rests in the arms of our Heavenly Father after battling with brain deterioration for eight and a half years. While doctors were unable to determine the cause, the family feels strongly that his history of high blood pressure may have caused microvascular ischemia in the brain over the years, leading to gradual brain atrophy and eventually a bad fall overseas in 2016 that marked the beginning of a more obvious decline.

Born on July 4, 1957, in Dalian, China, George spent his early years there before joining a group of high school graduates in 1975 to experience rural life in Inner Mongolia. He attended Dalian University of Technology in 1977 and received his BS & MS in Offshore Engineering in 1981 and 1984 respectively. He immigrated to America in 1986 to attend the University of Florida and completed his PhD in the field of Coastal and Oceanographic Engineering in 1990.

George worked at Mobil (later ExxonMobil) from 1991 to 2000, ConocoPhillips from 2000 to 2015, and National Oilwell Varco (NOV) until retirement. At ConocoPhillips, he built an offshore team from the ground up, expanding it from a single person to 34 members. He served as the main Project Lead for the Magnolia project, the world's deepest extended tension leg platform (ETLP) ever made at the time, showcasing his expertise and dedication in deepwater oil and gas production. His legacy includes 7 patents and patent applications, along with 17 published works. In addition, he was honored as committee chairman at the International TOPSIDES conference and selected among recognized industry leaders to meet the 41st president, George H.W. Bush. After the Magnolia project, he switched his career track from management to technical fellow and retired in 2015 from ConocoPhillips. Later, he returned to the industry as a technical Director for National Oilwell Varco (NOV) until he could no longer work.

Beyond his career, George found joy and expression as an incredible singer, a passion he embraced in 2004. He held a solo tenor concert in September 2016, showcasing his love for music and sharing it with others. This was one of his proudest moments, and we invite you to [watch the full concert on YouTube to honor his passion](#).



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JANUARY JOB SPOTLIGHTS:

VESSEL TECHNICAL ADVISOR

Member Company: Cruise Lines International Association (CLIA)

Location: Washington, Dist. Columbia, United States (Hybrid)

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MWS SENIOR ENGINEER

Company: DNV

Location: Rio De Janeiro, Brazil (On-Site)

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To submit content for SNAME's monthly newsletter, please email publications@sname.org by the 15th of the month.



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