



SNAME

THE INTERNATIONAL COMMUNITY FOR MARITIME AND OCEAN PROFESSIONALS



Benjamin Cournoyer (Deputy Director, Vocational Training and Adult Education, Sorel-Tracy) and Frédéric Papillon (Trade Commissioner, Canadian Trade Commissioner Service) visited SNAME HQ in Alexandria, VA as part of the Naval Québec Trade Mission.

SNAME NEWS

May 2025

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SUSTAINING OUR MOMENTUM



In the last few months, we've charted a clear path together – starting with the need for greater relevance, moving through the imperative of growth, and turning that growth into action. Many of you have already answered the call: mentoring a student, organizing events,

contributing technical knowledge, or engaging more deeply in SNAME's mission. The question now is not just *"what's next?"* but *"how do we keep it going?"* How do we sustain this momentum and build a culture where what we're doing now becomes natural habit?

As I write this, I am at the Offshore Technology Conference (OTC) 2025 in Houston. I've had the opportunity to engage with quite a few of our SNAME members as I've roamed the aisles of the vast exhibition, attended some of the more than 100 technical presentations, and worked the SNAME booth as members and non-members came by to check in on how SNAME was doing. They've shared some of our Society's recent successes with me and helped me see where we still face challenges. I was especially impressed by the number of our "retired" members who keep their membership active and want nothing more than for SNAME to flourish. What a testament to the value that SNAME provides!

ACTION IS HAPPENING – NOW LET'S BUILD ON IT

Across our Society, from our retired members to hundreds of student members around the world, I've seen encouraging signs of energy and initiative as our strategy begins to take hold:

- ▶ Section leaders successfully trying out new meeting formats to better engage a broader spectrum of maritime professionals.

- ▶ Young professionals stepping up to lead discussions on emerging technologies.
- ▶ Participants in our pilot mentoring program launching real, meaningful connections.

These are not small wins. They are signals that the strategy we've been discussing – centered on growth, relevance, and long-term impact – is already coming to life. But for that progress to last, we must do more than just encourage these activities. We must *build systems that reinforce and amplify it*.

STRENGTHEN OUR ACCOUNTABILITY – EVERYONE PLAYS A ROLE

Forward momentum fades without structure. That's why we are focusing on making sure every strategic priority has a clear owner. Whether it's increasing student engagement, developing technical content, or improving communications, we're asking: *Who is responsible? What does success look like? How will we measure progress?*

Section Officers, Committee Chairs, Panel Chairs, SNAME Staff, and even first-time volunteers can each take ownership of something specific. Execution doesn't belong to a title – it belongs to anyone willing to say, "I'll take this on," and then does it! So speak up, get involved in your Section leadership, find out where help is needed, and plug the gap. Offer to be a part of the solution!

BUILD FEEDBACK INTO THE CULTURE & CELEBRATE WHAT'S WORKING

If we want to improve, we have to listen in order to learn and then adjust our course accordingly. To do this, we're starting to build regular feedback loops – short surveys after events, input from panel participants, conversations at Section meetings – so we can understand what's working and what's not. But we need more voices. If something needs to change, tell us. If you see something that works, share it. Constructive feedback isn't criticism – it's fuel to make things better. We want to know what we're doing right, as well as what needs improvement, and we're committed to acting on what we hear.

PRESIDENT'S CORNER

Every success that we have – no matter how small – is a model for someone else to learn from. When we celebrate what's working, we inspire others to act and create a playbook for progress. We don't need to reinvent the wheel in every corner of SNAME, even though as engineers we are often tempted to do so! We just need to make sure our members see that we're moving forward so we can invite them to be a part of something great.

I encourage you to write to me at president@sname.org to share what's working or any concerns. We must work together to continue our positive movement.

So let's keep things moving forward. Let's continue the momentum we've built. Let's celebrate every forward step – and commit ourselves to taking the next one. Let me know what I can do to help you!

Fair winds and following seas,



Rich Mueller

President

president@sname.org

The Imtra logo features a stylized white swoosh above the word "imtra" in a bold, lowercase, sans-serif font.

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The Isover Saint-Gobain logo consists of a stylized white circle with a dot inside, followed by the word "Isover" in a bold, sans-serif font, and "SAINT-GOBAIN" in a smaller, all-caps, sans-serif font below it.A circular inset showing a microscopic view of mineral wool fibers, which are long and thin, creating a dense, fibrous network.

Detail view
of longer fibers.

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FROM THE EXECUTIVE DIRECTOR

RICH DELPIZZO APPOINTED SNAME EDUCATION DIRECTOR



It is my pleasure to announce the appointment of Richard D. Delpizzo (Captain, U.S. Navy Reserve (Ret.)), as SNAME's Education Director. Rich recently retired from the American Bureau of Shipping as their Director, Global Government Services. He has over 40 years of experience in ship design, construction and operations, technical design review, regulatory requirements application, U.S. Navy ship project management and defense acquisition, and business development.

As Education Director, Rich will be instrumental in liaising with educational institutions and public education authorities to further education in naval architecture, marine engineering, ocean engineering, and allied fields. He will provide support to the SNAME Functional Vice President (FVP) - Education and general oversight of the Headquarters' Education Department portfolio, including ABET Accreditation, Professional Engineering Licensure, and continuing education programs.

Education Department portfolio, including ABET Accreditation, Professional Engineering Licensure, and continuing education programs.

Many of you know Rich for his volunteerism at SNAME as Chair, Ship's Machinery Committee; Alternate FVP - Technical & Research; and Chair, Chesapeake Section. Rich will continue to serve in these roles as a volunteer, as the Education Director position is part-time. Rich will work out of SNAME HQ in Alexandria, VA, beginning **1 June 2025**.

BUILDING RELATIONSHIPS & MAKING CONNECTIONS

We could not have asked for a more perfect day to host **Naval Québec** and other guests at SNAME HQ on 2 May. It is one example of how SNAME provides networking opportunities for its members. As author Michele Jennae said:

"Networking is not about just connecting people. It's about connecting people with people, people with ideas, and people with opportunities."

A special thanks to the following SNAME volunteers who helped support the Naval Québec Trade Mission as they traveled down the U.S. East Coast, stopping at shipyards and shipyard supply chain venues along the way:

Nick Hunter (NETSCo), Sections Committee Chair
Ethan Wiseman (Nexans), New York Met Section Chair
Matthew Eayre, Philadelphia Section Chair
Sandra Wyman (NAVSEA), New England Section Chair
Rich Delpizzo (SNAME), Chesapeake Section Chair

Another example of a SNAME member networking opportunity is the joint IRI-SNAME reception held during the **Offshore Technology Conference (OTC)** on 5 May 2025.

For some photos from these events, refer to page 12 of this newsletter.

A SHORTAGE OF NAVAL ARCHITECTS

On 21 May, I attended *Revitalizing America's Maritime Industry*, a session held at ABS Offices in Washington, DC as part of National Maritime Week (20-22 May).

The stage was set by SNAME Member RADM Jim Watson, USCG (Ret.) (and The Maritime Accelerator for Resilience (MAR)), who explained how the SHIPS for America Act provides the framework for revitalizing America's maritime industry. Senator Mark Kelly (D-AZ) and Congressman John Garamendi (D-CA), SHIPS Act sponsors, focused on the legislation's implementation. A deep dive into the legislation was taken by government officials and industry leaders. Panel discussions focused on innovative approaches to shipbuilding, shipyards, and the industrial base; and on innovative tools for US flag ships, cargo, ports, and defense.

During the question-and-answer session, moderator Brent Sadler (Senior Research Fellow, Naval Warfare and Advanced Technology, Allison Center for National Security Heritage Foundation) stated that there is a shortage of naval architects and asked what could be done—how do we graduate more naval architects? After a brief discussion, Carleen Lyden Walker (North American Marine Environmental Protection Association (NEMEP) and MAR), asked me, as SNAME's Executive Director, to comment.

My comments were brief. I acknowledged the shortage, explained SNAME's relationship to and work with universities that have naval architecture programs, and assured the audience that SNAME is committed to helping fill this gap.

SNAME STANDS UP PUBLIC POLICY COMMITTEE

SNAME recently held an inaugural meeting of its new Public Policy Committee. Although SNAME is prohibited from engaging in lobbying or in political activities, such as electioneering, there are many other opportunities to inform policy. As a non-profit organization, SNAME and its members are permitted to consider public policy issues in an educational manner. This includes in areas such as outreach, information sharing, and advocacy on issues related to the Society's mission. There are also opportunities for SNAME to offer decision-making bodies with the breadth and depth of SNAME technical expertise so that policy can be developed that is informed, practical, and workable in implementation.

The Committee is looking for additional volunteers who are willing to help develop overall direction for the Society and to guide SNAME in this area. The Committee hopes to meet every four to six weeks for about an hour of discussion. We will be reporting regularly on our initiatives to the Council. Previous experience in these areas is not required, and this is an excellent opportunity to develop an increased understanding of the many facets of public policy that affect our industry. If you are interested in participating, please contact Bill Cowardin (william.h.cowardin@leidos.com) or Elizabeth Bouchard (ebouchard@sname.org).



Elizabeth Bouchard

Executive Director

ebouchard@sname.org

MEMBER PROFILE



ANIL RAJ

Anil Raj, PE, is a graduate of the Marine Engineering College in India and received a degree in Naval Architecture and Marine Engineering from the University of Michigan. He started his professional journey as a Naval Architect at Brown & Root (now KBR) in Houston working on offshore projects, tension leg platforms, floating nuclear plants, subsea pipelines, and arctic oil and gas developments. He spent five years at Gulf Fleet Marine Corp (now Tidewater Marine) where he managed the construction of 52 offshore vessels at five shipyards. Later Anil was promoted to the position of Gulf Fleet's Area Manager and worked in Offshore Marine Support Operations in the United Arab Emirates and India. Anil played a key role in the growth of company's operation from three to 27 vessels, making Gulf Fleet the largest support vessel operator offshore in India with bases on the Indian East and West Coasts.

In 1982 Anil joined Brown & Root as Engineering Manager and joined Halter Marine in 1987 as Director - Production Controls, Engineering, and Procurement. At Halter Marine he started the Government Projects where he managed the creation of designs of more than 200 vessels that resulted in signing profit-making contracts and the company's growth. Anil was one of the five founding officers of Halter Marine Group, which prided itself in being the world's largest builder of small and medium-sized ships.

In 2001, Anil became the President and Chairman of Halter Marine Group and its 32 companies as well as Chief Operating Officer of the parent Friede Goldman Halter. He managed the company through successful financial reorganization and helped settle each division into financial health. In 2004 Anil left to start his own naval architecture firm; Technology Associates, Inc., now called TAI Engineers. TAI specializes in creating ground up designs of offshore vessels, ferries, dredges and governmental vessels with a mission to "Provide Enhanced Value to Clients." TAI grew to 130 engineering personnel with offices in New Orleans, LA, Houston, TX, and Vizag, India. In 2021 TAI Engineers, a subsidiary of TAI Holdings, Inc. was purchased by S&B Engineers and Constructors of Houston, TX. Anil is currently CEO of TAI Holdings, Inc., a maritime solutions firm that provides management consultancy to the maritime industry. In his spare time, he enjoys spending time with his six grandchildren and sailing.

Anil Raj joined SNAME in 1978 and has been actively involved in the Society since then. He has served as the Chair of two professional sections – the Gulf and Texas Sections. He has also been engaged in SNAME's Technical and Research (T&R) Program, serving as the Chair of Motor Yacht and Service Craft until 2005. In 2019 Anil was designated as a SNAME Fellow for his outstanding personal contribution to the marine/ocean engineering fields through significant achievements in design, research, production, operation, and education. In 2024 Anil was recognized as a 50-year member of the Society. Besides SNAME, Anil is also a life member of the American Society of Naval Engineers (ASNE) and the U.S. Navy League. Anil has presented more than 35 technical papers at SNAME, ASNE, Offshore Technology Conference (OTC), and other international technical symposia in Europe, China, the United States, India, and U.A.E. He has also served as member of the American Bureau of Shipping (ABS) rule making committees for naval vessels and steel vessel rules.

NEW SHERI AND ANIL RAJ SCHOLARSHIP

A new scholarship to inspire and foster the study of naval architecture and marine engineering has been made available by the generous donation of Anil and Sheri Raj. This merit-based scholarship, part of the [SNAME Scholarships Program](#), is intended to inspire and foster the study of Naval Architecture and Marine Engineering. It is open to undergraduate or graduate students worldwide. Applications for the 2025-2026 academic year are due on **1 June 2025**. For more information about this new scholarship go to: The Sheri and Anil Raj Scholarship, go to: www.sname.org/scholarships

NEW & REINSTATED MEMBERS APRIL 2025

JOIN US IN WELCOMING:

Sheikh Abdullah, TShores

Andrea Agrusta, Agrusta Engineering Studio Srl

Jack Becker, Boksa Marine Design, Inc.

Khalil Beltaifa, Ocergy

Alexis Benjamin, A. F. Theriault & Son Ltd.

Garrett Bolton, Heger Dry Dock, Inc.

David Carstensen, Massachusetts Maritime Academy

Logan Cox, University of Michigan

Ali Delshad, University of Ottawa

Matthew Dillon, University of New Orleans

Eduardo do Nascimento Lima, Petrobras

Andrew Drotsky, University of British Columbia

Maryam Ebrahimian, Corvus Energy

Brett Flynn, Massachusetts Institute of Technology

Benedict Foley, Memorial University

Nicholas Fyffe, Blumara Corp.

Giulio Gennaro, 1888 Genanro Consulting Pte. Ltd.

Morgan Gilman, Massachusetts Maritime Academy

Tyler Groll, Shell International E&P

Sarp Gürenli, GUREN Design

Jonathan Hatch, Boyter Brothers

Kevin Hayes, Hayes Marine & Consulting Services

Sean Healy, Einhorn Engineering

Scott Henry, NAVSEA

Lee Huber, Patriot Maritime

Maria Karamaili, University of Glasgow

Robert Kelly, Longitude Engineering

Rasa Kirvelevicius, United States Coast Guard

Amitabh Kumar, Global Subsea Inc.

Charles Lawrence, United States Merchant Marine Academy

David Lloyd, Lloyd's Register

Zach Luebster, University of New Orleans

Allan MacDonald, Don Brentons

John Madigan

Alireza Mazloumi, University of Ottawa

Cody McMillan, Canadian Coast Guard

Tyler Mendes, SUNY Maritime College

Massimo Merolla

Natalie Miesak, University of Michigan

Michael O'Connor, AMOG Consulting, Inc.

John O'Malley, Maritime Reporter Magazine

Kayson Paape, Webb Institute

Benjamin Porter, Memorial University

Michail Pytharoulis, National Technical University of Athens

Matthew Rai, University of Michigan

Miltiadis Raptis, National Technical University of Athens

Michael Sataneck, RAND Logistics, Inc.

Karina Shechtman, Concordia University

Solomon Sidman, Massachusetts Maritime Academy

Jessica Toll, Massachusetts Institute of Technology

Salih Topcu, Austal USA

Aristotelis Vaidomarkakis, University of West Attica

Richard Whittemore, Philadelphia Gear

Matthew Woodward, W&O Supply

MEMBERSHIP

GRADUATE SCHOLARSHIP RECIPIENTS

Nine SNAME Student Members have been selected to receive graduate scholarships for the 2025-2026 academic year. The recipients were selected based on outstanding academic credentials, marine-related professional experience, active participation in SNAME, and engagement in extracurricular activities.

CONGRATULATIONS TO THE 2025 GRADUATE SCHOLARSHIP RECIPIENTS!



The William M. Kennedy
Graduate Scholarship

Paige Bodnar
Memorial University



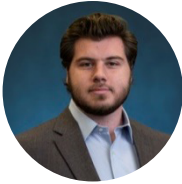
The Frederick H. Todd
Graduate Scholarship

Zachary Greenham
Memorial University



The Arthur J. Haskell
Graduate Scholarship

Caroline Chudy
University of New Orleans



The Walter M. and Doris H.
Maclean Graduate Scholarship

Christopher De Martinis
University of Michigan



The Chester L. Long
Graduate Scholarship

Cora Scolaro
Stevens Institute of Technology



The Alan C. McClure
Graduate Scholarship

Daryn Saltzman Cook
University of Michigan



The John V. Wehausen
Graduate Scholarship

Grace Gargiulo
University of Michigan



The David A. O'Neil
Graduate Scholarship

Nuh Elalaoui
Florida Institute of Technology



The Wilbur N. Landers
Graduate Scholarship

Megan Hinks
Texas A&M University, Galveston

The SNAME Scholarships Program supports outstanding graduate and undergraduate students interested in naval architecture, marine engineering, ocean engineering, and other fields directly related to the maritime industry. For more information on the Scholarships Program, go to: www.sname.org/scholarships. Applications for graduate scholarships are due on **1 February 2026**. Interested in an undergraduate scholarship? The deadline to apply for undergraduate scholarships is **1 June 2025**.



Sofia Iliogrammenou

SNAME European Office Director
Membership Director
siliogrammenou@sname.org



WILLIAM H. GARZKE, JR.

William Henry Garzke, Jr. of Woodbridge, VA, passed away peacefully on 18 May 2025 at the age of 89. William was born in New York, NY on 3 October 1935 to William Henry Garzke, Sr. and Edith (Sullivan) Garzke.

William or “Battleship Bill” as he was affectionately called, started his college career with courses in geology at both Queens College and Brooklyn College in New York.

Knowing that he might be better suited at the Colorado School of Mines in Golden, CO, he transferred his studies and boarded a train headed toward the next chapter of his

life. On that train he read a book about a famous German battleship and the Allies’ success in thwarting its progress during WWII. That book catapulted him toward his true calling in naval architecture. He quickly transferred to the University of Michigan where he majored in Naval Architecture and Marine Engineering. His post-graduate studies included Ship Management at the Massachusetts Institute of Technology (MIT), where he was also employed as a teaching assistant, and his master’s degree from Adelphi University in applied mathematics. Bill also served as a research assistant at Webb Institute and as an adjunct professor of naval architecture at the U.S. Merchant Marine Academy. In 2007 he was awarded the Michigan-Rosenblatt Award by the University of Michigan’s College of Engineering for his work in promoting the art and science of marine forensics.

Upon graduation from the University of Michigan, Bill went to work for ship design firm Gibbs & Cox, Inc. Bill worked for Gibbs & Cox for 41 years designing commercial and naval ships, first in their New York office and later transferring to Arlington, VA. In 2001 he “retired,” but with a passion for naval architecture he continued his calling working for several government contractors including Camber Corporation, CSC, CSRA, and CACI. In 2015 Bill tried once again to retire, but unsuccessfully. He continued his calling part-time through 2020, culminating in an astounding 60-year career in the marine industry. His most notable contributions include the design of the African Moon class for Farrell Lines, President Jefferson Class for the APL Line, CG 15 and 26, CGN 38, FFG-7, DDG 51, LHD 8, and LHA 6 & 7.

One of Bill’s greatest professional passions was his membership in the Society of Naval Architects and Marine Engineers (SNAME), serving in various positions from 1959 until his passing, including Chair of the New York Metropolitan Section and Honorary Vice President. In 1993 he was honored by SNAME as One of the 100 Notable Naval Architects of the Twentieth Century. His greatest contribution in the Society was serving as co-founder and Chair of the SNAME Marine Forensics Committee. Under his leadership as Chair, he contributed to numerous forensic analyses of historic shipwrecks including the RMS Titanic, DKM Bismark, HMS Prince of Wales, MS Estonia, RMS Lusitania, the SS Andrea Doria, and the HMS Hood, among others. The committee was instrumental in rewriting the loss of RMS Titanic and DKM Bismarck, and garnered vast interest including from movie director, producer, and underwater explorer James Cameron who ultimately became a member of the Committee. Bill’s work on the RMS

IN MEMORIAM

Titanic gave him the opportunity to join two scientific expeditions to the wreckage site aboard the MS Ocean Voyager. In 1999 he assisted in creating an exhibit on the RMS Titanic for the Maryland Science Center in Baltimore, MD. His work also led to several television documentaries with both the Discovery Channel and National Geographic.

Through publications beginning in 1976, Bill showcased his interests in forensics with a trilogy of books that he co-authored with his best friend and colleague Bob Dulin, covering technical aspects of the WWII battleships of the U.S., Allied, and Axis powers. Most recently in 2019, they co-authored, along with William Jurens and James Cameron, a comprehensive book on the design, construction and operational history of the battleship DKM Bismarck. He also authored a book on the analysis of the early Cunard and White Star superliners as well as numerous technical papers and articles.

Despite his immense career in naval architecture, Bill would tell you that the two greatest accomplishments were getting married to the love of his life, Loretta, and becoming a father to his daughter, Elisabeth. He could seldom mention their names without bringing a tear to his eye. Bill also loved baking pies with his grandsons, playing bridge with his friends, gardening, running his Lionel trains with anyone that would watch, and watching baseball - most notably his cherished Cleveland Guardians and his hometown team, the New York Mets. One of his most treasured memories was attending game 1 of the 2016 World Series with his daughter by his side. The Guardians (Indians) lost the series, but that game 1 win stayed with him forever.

Bill's cherished wife Loretta preceded him in death in November 2004. It is with great joy and peace that we know they are reunited in heaven once again. Bill is also preceded in death by his father, William H. Garzke Sr., mother, Edith Garzke, and sister Patricia Cecka. William leaves behind his daughter Elisabeth Anne Tefft, son-in-law Stephen Anello Tefft, and his beloved grandsons Dylan James Tefft and Brayden William Tefft. He also leaves behind his sister Barbara LeClerc, many nieces and nephews, as well as a magnificent collection of friends that have become family over the years. He humbly and with great joy accepted the designation of "Uncle Bill" to many that loved him.

IN MEMORIAM

We are saddened to announce the passing of the following SNAME members:

- Norman Hammer, a 50-year Member and recipient of a Distinguished Service Award in 1990
- Robert Lewis Townsin, a member since 1947 and SNAME Fellow

Their obituaries will be published in the next issue of this newsletter.



Phil at his retirement gathering at UNSW on 7 December 2018 with his gift, a coffee table incorporating a propeller, made by David Lyons and Richard Cawse.

PHILLIP JOHN HELMORE

The following contains excerpts from an obituary published by the *Australian Naval Architect*.

Longtime SNAME member Phillip John Helmore passed away on 2 March 2025. The oldest of five children, Phil grew up in a loving, supportive, hard-working multi-generational home in Eden. Phil attended Eden Central School from 1953 to 1959, and as his parents were keen for him to receive a good education, he went to Canberra Grammar School as a boarder between 1960 and 1964. Phil was one of four boys from his year to receive a Gold Award under the Duke of Edinburgh youth-award scheme recognising the attainment of 'a high level of achievement in enterprise, rescue training, public-service, craftsmanship and physical fitness. This was presented to Phil by Prince Philip at Government House in Sydney in 1965.

Phil commenced his BSc (Tech) naval architecture course at the University of New South Wales (UNSW) in 1965 under a cadetship with the then Department of Navy. He worked in the ship drawing office at Garden Island Dockyard, getting four afternoons off to attend university. He quickly developed a reputation for participating very intensely in his classes by challenging his lecturers on any technical point that was not perfectly clear. Phil received first class honours for a Bachelor of Engineering Naval Architecture degree in 1970. He was also awarded the University Medal for his work.

Phil was an early adopter of computers and software to aid in naval architectural analysis. Phil continued straight on from his undergraduate degree to commence a Master of Engineering Science (Mechanical Engineering) from 1970, again at UNSW. His thesis had a naval architecture focus and he completed that degree in 1972.

While studying, Phil spent three years working for the Naval Technical Services Annexe of the Department of Defence in North Sydney, followed in 1973 by five years working his way around Australia as a deckhand on various fishing vessels and coming ashore with Master Class V (Fishing) and Marine Engine Driver Grade II certificates. Soon after settling in Sydney, Phil met Helen Wortham. Their first date was at RINA's annual dinner.

Between 1978 and 1991 Phil took on a naval architect role with Commercial Marine Design. Notwithstanding his full-time positions in industry, Phil maintained his close contact with UNSW by volunteering his time and expertise to assist the naval architecture students in using a computer program to perform calculations of ship hydrostatics (buoyancy, stability of a ship and similar

Following his time at Commercial Marine Design, Phil took up a naval architect surveyor role within the Maritime Services Board of NSW between 1991 and 1993. When UNSW was expanding its naval architecture activities at Kensington, Phil accepted the offer of a position as senior lecturer in the School of Mechanical and Manufacturing Engineering in 1993.

IN MEMORIAM

He quickly developed a reputation for being an outstanding senior lecturer. As a mark of respect for his teaching efforts, Phil received the Vice-Chancellor's Award for Teaching Excellence at UNSW in 2002. At that time, this award was only given to 12 or fewer academics, and with 2000 at UNSW, the recipient had to be in the top one-half percent.

Some of his particularly noteworthy teaching achievements at UNSW include the introduction of the course Naval Architecture Practice into the degree program. This involved visiting industry partners and conducting technical experiments on full-size ships. After the appropriate industrial visit, the students were required to submit a professional engineering report with a detailed account of what they had learned from the activity. This feature is still used today in the naval architecture program at UNSW Canberra.

It was no doubt a consequence of Phil's reputation in teaching that he was appointed to the important position of Director of Undergraduate Teaching at UNSW in 2002. He performed this task in a most able fashion through to 2015.

Phil was also an active member of the Faculty of Engineering Program Committee at UNSW. He impressed the other participants with his commitment to students and to quality education, as well as the deep technical knowledge and attention to detail that is so characteristic of engineering colleagues.

Phil became the Naval Architecture Stream Coordinator at UNSW in 2005. He held this position until 2015, with David Lyons taking over the coordinator role in 2016. Thereafter, Phil remained as a Senior Lecturer until the controversial closure of course in 2019. His final year of teaching at Kensington was 2018, with a retirement celebration that December thereafter taking his well-earned long-service leave from UNSW into the following year.

With the re-establishment of the UNSW naval architecture program in Canberra, Phil lectured part time on applied propeller design in 2022 and 2023 at the invitation of Warren Smith and David Lyons. He attended again last year in a voluntary capacity.

Phil likewise contributed comment to the National Marine Safety Committee's work creating the National Standard for Commercial Vessels, and always encouraged the presentation of papers during its development at RINA meetings to keep the profession in the loop and to encourage their participation in public comment. His contribution to the institution and division through the encouragement he gave to students at UNSW to become members of RINA has undoubtedly also helped the organisation in its continued renewal and growth.

Phil had been a long-standing member of the Society of Naval Architects and Marine Engineers, joining as a student member in 1968 and retaining membership until his death. A valued contribution that many of his students would recall is the comprehensive 'suggested errata' sheets Phil had prepared for the 1988 three-volume edition of Principles of Naval Architecture which were provided to each student because it was a suggested reference book. Phil likely started identifying errata as a student since receiving his 1960s edition.

Phil will be very much remembered for his role as technical editor of the journal, the Australian Naval Architect. Following the inspired publication of the first four issues of the Australian Naval Architect from 1997 by WA Section members, Phil took on this task with John Jeremy as editor from the fifth issue, in July 1998, and continued this arduous and time-demanding activity for 27 years until his untimely passing in 2025. It has become an important element in uniting the widely-spread membership of the naval architecture community.

Phil was known and admired by everyone in the maritime field in Australia. For all his work in furthering the institution and our profession, Phil was most deservedly awarded an Order of Australia in the General Division on Australia Day in 2025.

FEATURED EVENTS

NAVAL QUÉBEC LUNCHEON – 2 MAY 2025, ALEXANDRIA, VA

On a picturesque afternoon in early May, SNAME hosted a luncheon overlooking the Potomac at HQ in Alexandria, VA for members of Naval Québec. This event brought together partners and professionals from the maritime industry. The gathering served as a platform to deepen relationships and emphasized the importance of cross-border partnerships in advancing maritime innovation and sustainability. Attendees engaged in insightful discussions and explored opportunities for future collaborations, reinforcing the shared commitment to excellence in the maritime industry. SNAME is looking forward to building on the momentum generated from this luncheon.



Left: Rich Mueller (NETSCo), Joan Bondaroff (U.S. Department of Transportation), Bill Cowardin (Gibbs & Cox), Maggie Nate (Gibbs & Cox), Elizabeth Bouchard (SNAME) **Right:** Pierre Harvey (Harvey International Inc.), Laurie Balen (Genoa Design International), Elizabeth Bouchard (SNAME)

SNAME & MARSHALL ISLANDS REGISTRY (IRI) NETWORKING RECEPTION AT OTC 2025 5 MAY 2025, HOUSTON, TX

Back by popular demand, SNAME and the Marshall Islands Registry (IRI) co-hosted a networking reception at the Westin Hotel during the Offshore Technology Conference (OTC) in Houston, TX. This year, over 150 industry professionals gathered for the event that was a blend of familiar faces who reconnected with partners and colleagues, and students who exchanged ideas and discussed industry insights with seasoned experts. The success of this event has set the stage for it to become a staple during OTC while further enriching the relationship between SNAME and IRI.



Left: Students from Webb Institute **Center:** Rich Mueller (NETSCo), Roald Lokken (Retired from Exxon Mobile) **Right:** Jim Rocco (International Association of Drilling Contractors), Elizabeth Bouchard (SNAME), Cosmin Bozenovici (International Registries, Inc.)

SNAME LEADERSHIP SUMMIT

The annual SNAME Leadership Summit, scheduled for 11 -13 June 2025, in Alexandria, VA, will bring together SNAME Section and Membership Chairs from around the globe to engage in leadership development and strategic planning activities.

Over three days, participants will delve into topics including leadership responsibilities, organizational bylaws, effective training methodologies, event management, membership retention strategies, and best practices in fundraising and budgeting.

To enhance this year's summit experience, a professional leadership coach, Friderike Butler, will facilitate sessions, offer expert insights, and foster skill development among attendees.

The summit provides a valuable platform for networking, allowing leaders to exchange ideas, share experiences, and collaborate on initiatives that will strengthen SNAME's global community. Upon completion, attendees will receive certifications recognizing their participation and commitment to advancing the mission of SNAME.

SLS SPEAKER SPOTLIGHT

Friderike Butler, MS, MCC - Leadership Development Expert, Butler Communication



Friderike Butler is a transformational leadership development expert, Master Certified Coach (MCC), and founder of Butler Communication. With over two decades of experience as an entrepreneur and executive, she helps leaders and organizations unlock potential, navigate complexity, and build cultures of trust and accountability, where people, ideas, and performance thrive. Drawing on her success building and scaling businesses in the travel, technology, and communication sectors, she brings real-world insight into what it takes to lead in dynamic, high-stakes environments. As a strategic thinking partner, she advances sustainable solutions at the intersection of people, process, and technology. SNAME is looking forward to her engaging training sessions during SLS this year!

✉ fbutler@butlercommunication.com

🌐 www.linkedin.com/in/friderikebutler/

UPCOMING GLOBAL INDUSTRY EVENTS:

- 28 - 30 May 2025** – [Inland Marine Expo](#) – Nashville, TN
- 2 - 6 June 2025** – [Nor-Shipping 2025](#) – Oslo, Norway
- 10 - 12 June 2025** – [SeaWORK](#) – Southampton, UK
- 9 - 11 June 2025** – [Ship Repair USA](#) – New Orleans, LA
- 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
- 10 July 2025** – [New Nuclear for Maritime European Summit](#) – London, UK
- 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:

- 2 June 2025** – [From Data To Decisions: Proven Practices In Fleet Performance Management](#) – In-Person Event – Piraeus, GR (Contact: SNAME Greek Section, snamegreeksection@sname.org)
- 10 June 2025** – [Navigating to Sustainable Shipping](#) – Hybrid Event – [In-Person](#) / [Virtual](#) – London, UK (Contact: Keith Lilley, klilley@outlook.com)
- 11 June 2025** – [Logistics of the Francis Scott Key Bridge Salvage Response](#) – In-Person Event – New York, NY (Contact: Alex Koziol, alekoz47@gmail.com)

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

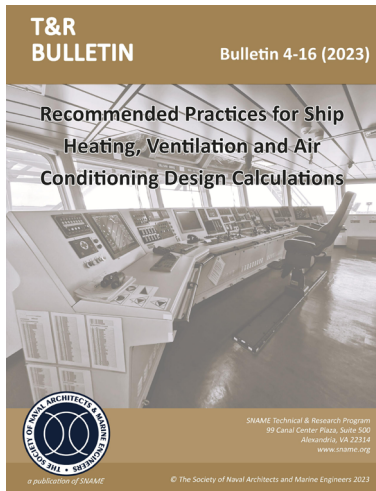


DeeDee Dalton

Events & Marketing Director

ddalton@sname.org

T&R BULLETINS – SNAME AT WORK



SNAME is unique among professional societies in having a large, active Technical and Research (T&R) Program. One of the functions of the program is to create T&R Bulletins – documents that provide guidance on specific subjects.

This month I want

to showcase T&R Bulletin 4-16 Recommended Practices for *Ship Heating, Ventilation and Air Conditioning Design Calculations* that was updated in 2023.

The primary functions of marine heating, ventilation, and air conditioning (HVAC) systems are to provide comfort

and healthy conditions for the crew and passengers, to maintain satisfactory operation of equipment, prevent buildup of offensive odors and dangerous gases, and prevent spoilage of supplies by controlling ambient conditions. This is accomplished by establishing the heating, ventilating, and air conditioning requirements for each space and then preparing a set of “load” calculations and analyses to determine the sizes of HVAC equipment that meet all established requirements.

This bulletin provides equations for calculating heating and cooling loads and dozens of examples covering virtually every type of space aboard ship. Standard forms were developed and included to simplify and reduce the effort required to prepare and review a set of HVAC calculations: a set of examples from Cases 8-1, 8-2, 8-3, and 8-4 show how easy the forms are to use. 4-16 (2023) is an outstanding example of SNAME T&R supporting our industry and, if you need to size an HVAC system, this bulletin is the resource you need.



Rick Ashcroft

Technology & Research Director
rashcroft@sname.org

PUBLICATIONS

SNAME MEMBER SURVEY

We are conducting a brief membership survey with a focus on publications. Please keep an eye on your Inbox for an email that will take you to the survey and provide instructions. Your input will help us improve our member services, programs, events, and publications. Thank you in advance for your participation!



Maggie O'Brien

Publications Director
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PREPARE FOR THE NEXT NAME EXAM

SNAME's Professional Engineer Review Course (PERC) starts 17 July 2025. This 11-week course covers:

- Hydrostatics
- Hydrodynamics and Regulatory Requirements
- Loads on Vessels and Ocean Structures
- Ship Structures and Connections
- HVAC, Fuel and Environmental Issues
- Main and Auxiliary Systems
- Piping Systems Design
- Shipboard Electrical Systems
- Marine Materials
- Hull and Accommodation Outfit

The course ends with a practice exam to ensure you are ready for the PE NAME exam on 8 October 2025.

Note that the PE NAME exam is held just once a year and the PERC course is only open to SNAME members.

For more information on the SNAME PERC course and to register for it, click [here](#).

CALL FOR VOLUNTEERS TO CERTIFY PROFESSIONAL DEVELOPMENT HOURS

To the best of our knowledge, SNAME has one member who is certified by the State of New York to review material against the NY requirements and award professional development hours (PDH) that meet continuing education requirements for Professional Engineers. We are looking for volunteers who are willing to take the training to become “certified to certify.” The time commitment is variable depending on how many presentations are submitted for review and how many reviewers we have to share the workload. To qualify, you must be a PE licensed in the state of New York. If you are interested in this opportunity, please email rashcroft@sname.org. SNAME will cover the cost of certification.

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CAREER CENTER

MAY JOB SPOTLIGHTS:

MSV NAVAL ARCHITECT

Member Company: Constellation Navigation and Trading, LLC

Location: Norfolk, Virginia, United States (On-Site)

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MARINE ENGINEER

Company: Akima, LLC

Location: Norfolk, Virginia, United States (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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