



RINA AFFAIRS

MARCH/MAY 2021

The Newsletter of the Royal Institution of Naval Architects

CHIEF EXECUTIVE'S COLUMN



Welcome to this edition of RINA Affairs and Eid Mubarak to all our members celebrating the holy month.

Before I update members on the executive activities, it is fitting to once again pay tribute to His Royal Highness, The Prince Phillip, Duke of Edinburgh and Senior Honorary Fellow, RINA 1955-2021. I have held many conversations with members and staff who have fond memories of Prince Philip and he will be sorely missed.

The Institution reacted with grace and protocol and the President sent condolence letters to Her Majesty the Queen and His Royal Highness, The Prince of Wales, The Prince Charles,

Honorary Fellow, RINA. The Institution received a warm response on behalf of Prince Charles and the Duchess of Cornwall, which I have copied in this edition.

At the recent Board and Council meeting all members observed a minute silence and the Chief Executive also signed the official royal book of condolence on behalf of all members.

Our intention was to celebrate Prince Philip's centenary, but we will now issue our own tribute in the May issue of *The Naval Architect* and, as suggested by Bill Rice (in his letter to the editor), I will join him on the 10 June in splicing the mainbrace on what would have been Prince Philip's 100th birthday.

Stephen Payne OBE, FRINA, FREng, President 2007-2010 was discussing our tribute with HRH's secretary shortly before he passed, and I would like to thank Stephen for his support and for kindly providing the foreword to the article which was eloquently written by Bruce Peter, Associate RINA with such diligence, passion and vigour and I thoroughly enjoyed working with Stephen and Bruce.

I also would like to thank Richard Johnstone-Brydon author and publisher of the *The Royal Yacht Britannia – The Official History*, for his insight and extremely courteous and generous guidance at the start of my research. I hope that everyone enjoys the tribute once you receive this month's edition of *The Naval Architect*.

I trust everyone enjoyed the recent bumper edition of *The Naval Architect* which celebrated its 50th birthday and received a birthday makeover. I would like to recognise the effort and contribution made by the secretariat staff and SALT Technologies in hitting a tight deadline and delivering the remit of combining a technical publication with a modern look, but retaining the prestige; not an easy task. Well done to everyone involved and now we look forward to giving the other publications a makeover. Members may also have noticed that the International Journal of Maritime Engineering has had a makeover and is now available for your subscription.

At the recent Council meeting the executive presented the new look and I was encouraged with the positive response and support. So, what is the new look? We have taken the approved colours from the coat of arms and produced a brand book offering a fresh working brand whilst maintaining kudos with official coat of arms for ceremonial duties. I look forward to launching the brand book, working logo and instructions soon, enabling branding control and standardisation in our working templates, communication and quality control.

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IN THIS ISSUE

RINA Awards

The Institution recognises those recently presented with awards including the RINA – KEPPEL Student Naval Architecture Award, the Eily Keary, QinetiQ Maritime Innovation and Lloyd's Register Maritime Safety Awards.

Council Elections 2021

Seven nominees were elected as new members to the Council during the AGM held in April.

RINA Committees

The Institution reports on proceedings at the Maritime Safety Committee Workshop in May, the Professional Affairs Committee meeting held in February and the Maritime Environmental Committee in March.

Digital transformation

Digital First (approved consultant) completed their gap analysis of the Institution and the results were presented to the Board of Trustees last month.

International Journal of Maritime Engineering

The Institution bids farewell to Donald Cameron, who was Assistant to the Editors of both the International Journal of Maritime Engineering and the International Journal of Small Craft Technology.

The Naval Architect at 50

RINA is evolving its publications and marketing campaign, starting with a fresh new look for the 50th Anniversary edition of *The Naval Architect*.

Student Champions

RINA student members become the first to take up the mantle of Student Champion.

Letters to the Editor

Members share their memories of the late HRH The Prince Philip, Duke of Edinburgh.

CHIEF EXECUTIVE'S COLUMN continued...

So, what else have we been up to?

The Professional Affairs Committee worked extremely hard delivering the requisite documents for the Engineering Council pre-review in order to conduct the 5-year audit on the 1 June 2021 and on behalf of our Professional Affairs Director and myself, I would like to recognise the support and enthusiasm demonstrated by the Chair Andrew Bunney and all members of the committee. It was tremendous effort working against a tight deadline and a fantastic demonstration of collaboration and teamwork.

Digital Transformation

Many members took part in the digital workshops and I recognise that many are located in the Far East, Australia and New Zealand, Canada etc., so thank you for your contribution and taking part in unorthodox meeting times. Your contribution was extremely valuable, and kick started our digital transformation which is now well and truly underway.

We have completed the gap analysis which focused on RINA systems architecture, communication and working practices and the digital investment case and return of investment is pending completion (end of May 2021). The digital steering committee and executive will review the digital roadmap and present the direction to the board.

The digital report made the following recommendations, but not limited to:

- redesign new webpage
- invest in digital technology
- move to the cloud
- improve digital skills and training

I am a self-confessed digital migrant, but I am excited to have started this 18-24 month journey.

Other initiatives

The student champion framework is underway whereby we have student representation in Universities, and Nick Cox, Professional Affairs Assistant, has kindly volunteered to assist me with Youth development and by being our Youth Ambassador.

The Welcome to RINA video is in mid-project and we have developed the story board, this will be coming to you very shortly. The ambition is to provide a dynamic and energetic insight into RINA, what we do and the exciting community we all work in and provide the platform for further conversation. I recognise that COVID has been a major disrupter and we have had to look at how we raise awareness across all sectors to enable engagement.

We welcome Syndeseas Integrated Solutions as our latest Corporate Partner, and I look forward to working with all of our corporate partners.

Beating the drum

We all want to increase membership so that others can enjoy the benefits we receive and feel part of our community so I bequest all members to encourage colleagues, students and young people to connect with RINA and participate.

I look forward to receiving feedback on how we can support you locally and please participate as we look forward to hearing your voice and discussing exciting news and lectures tackling the latest hot topics delivered by leaders in our community.

From all at RINA HQ stay safe and I look forward to being able to travel and provide further support for your projects and initiatives.

Chief Executive

RINA AWARDS

The University of Genoa, Italy

The RINA 2020 d'AMICO Student Naval Architect Award was presented to:

Rebecca Benassi

whose thesis entitled '*Study of a Combined LNG-Electric Propulsion System for a Ferry*' was adjudged to have been the best final year thesis on the Naval Architecture and Marine Technology course at the University of Genoa.

The Ngee Ann Polytechnic, Singapore

The 2021 RINA – KEPPEL Student Naval Architecture Award was presented to

Kim Li Lin, Angela
and

Hay Kai Xiang, Benjamin

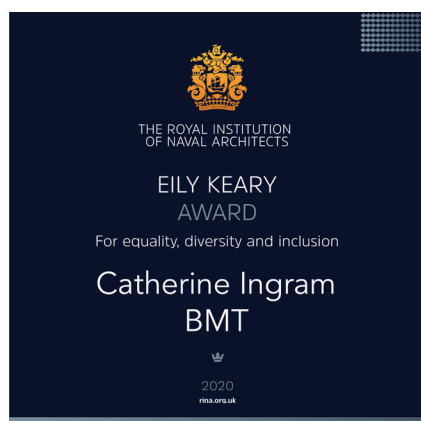
whose Marine Design Project entitled: '*Offshore Topside Design*' was adjudged by the Royal Institution of Naval Architects and Keppel Shipyard to have been an outstanding project of the module Marine Design Project, Marine and Offshore Technology Diploma Course at Ngee Ann Polytechnic.

The 2021 RINA – Keppel Student Naval Architect Award was presented to

Chia Hao En Linus

whose Marine Design Project entitled: '*Ship Design*' was adjudged by the Royal Institution of Naval Architects and Keppel Shipyard to have been an outstanding project of the module Marine Design Project, Marine and Offshore Technology Diploma Course at Ngee Ann Polytechnic.

Winners of the 2020 Eily Keary, QinetiQ Maritime Innovation and the Lloyd's Register Maritime Safety Awards



INSTITUTION NEWS

Council Elections 2021

The 2020-21 Council nominations took place and the following nominees were approved at the Annual General Meeting on 29 April.

We would like to extend our welcome to the new council members:

- Engr. Ologe, Ochuko Solomon AMRINA – Europe Region
- Professor Pentti Kujala FRINA – Europe Region
- Mr. Shawn De Villiers AMRINA – ME & Africa Region
- Mr. Ryan A. Miller AMRINA – UK Region

- Mr. James Black FRINA – Pacific Region
- Mr. Ashok Kumar AMRINA – Asia Region
- Mr. Yashwant R. Kamath AMRINA – Asia Region

I would like to thank the following members who recently stepped down from Council and recognise them for their dedication, support and time:

Eur Ing Harry Alexander Karanassos, CEng, FRINA for his time and commitment on Council and the Institution's professional review activities.

Yildiz Williams who recently stepped down from Council. Yildiz started with RINA activities in 2007, first as a member of the Membership Committee, Vice-Chairing the Membership Committee, then as Chair before sitting on Council.

The following Members were re-elected to Council:

- A K Dev FRINA
- M H Ghaemi AMRINA
- B Y W Lau FRINA
- T Allan FRINA
- D N Monioudis FRINA

Region	Corporate Members CM	Corporate Vacancies	Non-Corporate Members NCM	Non-Corporate Vacancies	Total CM+NCM
UK	17	0	1	3	18
Europe	4	0	2	0	6
ME + Africa	2	0	1	0	3
Asia	7	0	2	0	9
Pacific	2	0	0	1	2
Americas	2	0	0	1	2
Total	34	1	6	5	40

Table 1 Council composition as of 29 April 2021

Members wanted

Dear Member,

We want to increase membership so that others can enjoy the benefits of members, so please encourage your colleagues and students, where applicable, to follow your lead in becoming a member of the Royal Institution of Naval Architects.

They will enjoy the benefits of membership and being part of the world's leading professional institution for those involved in the design, construction and maintenance of marine vessels.

We have started our digital journey and online meetings and conferences have enabled us to reach out and maintain our communication during the past year, which has been a fantastic tool, but we are not stopping here and will continue to develop our communication for all members to enjoy.

I would be grateful if you could forward the name, position and email address of any colleagues who you wish to introduce as a member.

Please send your email to hq@rina.org.uk

Chief Executive

NEWS FROM THE BRANCH AND SECTIONS

Australian Division

I would like to extend my gratitude to Gordon MacDonald (President), Rob Gehling (Secretary) and Craig Boulton (Treasurer) who kindly invited me as a guest to attend the Australian Annual General Meeting which took place on the 17 March 2021.

Scottish Branch

We would like to congratulate Malcolm Maclean who has taken the Chair as RINA Scottish Branch and I look forward to meeting Malcolm at the Strathclyde University and BAE Systems Maritime annual student presentations and award event on the 24 May 2021.

I would like to thank all those members who sit on our Branch / Section Committees, both past and present, for their dedication, time and commitment.

THOUGHTS FOR THE MONTH

"Everything not invented by God is invented by an engineer".

HRH The Prince Phillip, Duke of Edinburgh,
Honorary Fellow of the
Royal Institution of Naval Architects
1955 – 2021

New South Wales Section

Asif Ghauri, National Manager – Marine and Diesel, Alfa Laval Australia, gave a presentation on *Ballast Water Treatment: Challenges, Solutions and Operations* as a webinar hosted by RINA, using the Zoom software platform, with the Secretary of the ACT & NSW Branch of the IMarEST, Geoffrey Fawcett, as MC on 24 February. This presentation attracted 23 participating on the evening.

Eric Desjardins, General Manager Australia, McConaghy Boats, gave a presentation on *Construction of Advanced Composite Racing Yachts* as a webinar hosted by Engineers Australia, using the WebEx software platform, with the Deputy Chair of the NSW Section of RINA, Phil Helmore, as MC on 3 March. This presentation attracted 156 participating on the evening.

Eric Gubesch, PhD Candidate at the Australian Maritime College, gave a presentation on *The Effect of Mooring Systems on Floating Wave Energy Converters* as a webinar hosted by Engineers Australia, using the WebEx software platform, with Greg Hellessey, ACT & NSW Branch Committee Member IMarEST, as MC on 7 April.

Sally Garrett, Defence Technology Agency, New Zealand Defence Force, gave a presentation on *Characterising the Southern Ocean and Ross Sea Wave Climate* as a webinar hosted by RINA, using the Zoom software platform, with Phil Helmore, Deputy Chair of the NSW Section, as MC on 5 May. This presentation attracted 17 participating on the evening.

Phil Helmore
9 May 2021

TECHNICAL COMMITTEE NEWS

Maritime Safety Committee

Container Ship Safety – Interactive

The Safety Committee held a workshop on the Safety of Container Ships on Thursday 6 May. The Committee is very interested to know RINA members' opinions on the subject of current container safety. There have been several accidents recently, at recent RINA Headquarters technical meetings there has been much disquiet from members of the

Safety Committee, as well as from the RINA IMO Committee, about the Safety of Container Ships and the safe stowage of Containers. One such case was experienced by the 'ONE Apus' which lost overboard 1,800 containers of her maximum of 14,000TEU. And in March there was the unfortunate blockage of the Suez Canal by a ULCS."

For more information and contact with the Safety Committee please email hq@rina.org.uk.

Professional Affairs Committee

The most recent Professional Affairs Committee (PAC) meeting was held on 9 February 2021 and the next meeting is scheduled for June 2021.

Accreditations

The first remote accreditation was undertaken in February for Singapore Institute of Technology BEng (Hons) courses. The accreditation was successful, but the process of a remote accreditation was very demanding for both RINA and SIT. The Zoom accreditation was supplemented by a visit to SIT by a RINA member (who was not part of the accreditation team) based in Singapore.

The University of Strathclyde has requested reaccreditation of their courses as part of the 5-year rolling programme. This is planned as a remote accreditation in June.

We are in discussion with Universiti Teknologi Malaysia about accrediting their Bachelor in Naval Architecture and Offshore Engineering Program and we look forward to progressing this further.

PAC Training

The PAC Training Plan is nearing completion. We have already started using it to capture the training of PAC members and to guide our further training requirements.

Engineering Council licence review

The Engineering Council licence review will take place on 1 June 2021. The EngC have sent a long list of the documents they require for the review. There is a substantial amount of work to be done in preparation for 1 June.

Initial Professional Development (IPD)/Graduate Training Schemes and LATW Schemes & Graduate/Higher Degree Apprenticeships

The PAC has assessed a course on

Democratizing Digitalization in Shipping & Unlocking the Benefits of Maritime Big Data offered by Syndeseas Integrated Solutions Ltd to confirm it meets RINA's requirements for Continuing Professional Development (CPD).

The PAC's review of members' CPD is continuing. The Membership Committee has provided two members to work with the PAC in undertaking CPD reviews, which is appreciated and is a good example of the cooperation between standing committees.

Equality, Diversity and Inclusion

The latest ED&I working group meeting was held on 8 April. The results of the RINA membership ED&I survey have been collected and they are being analysed by the ED&I committee. The results will be provided to Council prior to the next meeting.

The Maritime Environmental Committee

The MEC has met once since the last Council meeting on 22 March. Once again, the meeting was virtual and despite a few minor technical challenges in getting set up it went well. In fact, the virtual platform is proving to be very good for these types of meetings and has meant that on average more members are able to attend from across the whole RINA membership.

At this meeting a full review of all the outstanding actions was carried out which allowed for most to be closed and a number were consolidated. This included updating the earlier guidance

with some illustrations. We were also very pleased to have the new RINA Chief Executive attending his first MEC, and this was very helpful. As well as getting on with the normal business of the committee the opportunity was taken to discuss a number of broader issues related to how the MEC could support the strategic objectives of RINA, how the committee structure in RINA could be more effective, links to other organisations, digital strategy etc. There was an extensive discussion around the next steps for the MEC, as having developed a clear policy towards the environment for the Institution, and worked on the development

of initial guidance for Naval Architects, what are the next key areas for the MEC to look into? This continues to be a question for many members and while decarbonisation remains the most pressing environmental (and sustainability) area that is taking up everyone's time, the link to the specific actions for the MEC is not immediately clear. It was agreed that the next meeting would take an in depth look at the TORs for the committee with a view to exploring this further.

Members of the MEC continue to assist the IMO Committee of preparation for IMO meetings in particular MEPC, where the use of new carbon reduction metrics will be discussed. The challenges with a number of the new proposals around carbon intensity indicators and the possible perverse incentives was also discussed within the committee.

Continuing the discussion from our last meeting we noted that there was an environmental conference being planned by RINA. The group was very much in favour of having an Environmental Workshop and it was agreed that this would be further discussed by the Chief Executive to see whether this could be handled in addition to or replacement of the proposed existing event.



USE OF THE RINA CREST

The Council has agreed that members may display the RINA crest on literature, website etc, under the following strict conditions:

- Members must request permission to use the crest, and state where it will be used.
- Only the version of the RINA crest provided by the Institution may be used. No variation or addition may be made to the crest.
- Members displaying the RINA crest are also required to display their membership of the Institution in text and by the use of the appropriate post-nominals.
- The RINA crest may only be displayed on a company website where the company is owned by the member or is a Corporate Partner member of the Institution.
- The RINA crest must not be used in a way as to state or imply the Institution's endorsement of a product or service provided by the member.

2021 EVENTS PROGRAMME

BIOFOULING 2021

Dates to be announced

www.rina.org.uk/Biofouling_2020.html

WARSHIP 2021

2-3 June 2021,

Online

www.rina.org.uk/WARSHIP_2021_Future_Technologies_In_Naval_Submarines.html

CYBER SECURITY TRAINING COURSE

7-11 June 2021

Online

www.rina.org.uk/Cyber_Security_Training_course.html

WIND PROPULSION 2021

September 2021,

London,

UK

www.rina.org.uk/Wind_Propulsion_2021.html

CONTRACT MANAGEMENT FOR SHIP CONSTRUCTION, REPAIR & DESIGN

20-22 October 2021,

London,

UK

WEGEMT COURSE ON GREEN SHIPPING

November, 2021

PROTECTING MARINE ENVIRONMENT THROUGH DESIGN, CONSTRUCTION AND OPERATION

November 2021,

London, UK

WATERJET PROPULSION 2021

1-2 December, 2021,

London,

UK

PLEASE NOTE

Due to the rapidly changing nature of events, conference dates and format may be subject to alteration

PUBLICATION NEWS

Digital RINA

It is the policy of the Institution to make full and effective use of available IT and digital media to inform and engage with members of the Institution and the wider maritime community and beyond. It achieves this through its publications – Technical magazines, Transactions, Conference Proceedings, eNewsletters, YouTube, and Social Media.

Social Media

The Institution's social media accounts on LinkedIn, Facebook, Twitter, and Instagram provide the opportunity to update members and others on the Institution's activities, and for members to engage with the Institution and other members of the maritime community.

Technical Magazines

The technical magazines – *The Naval Architect*, *Ship & Boat International* etc – are published online and may also be viewed through the RINA Publications App which may be downloaded from the Google Play Store and Apple Store.

Technical Newsletters

The Technical magazines each have their own eNewsletters – *The Naval Architect eNews*, *Ship & Boat International eNews*, etc – publishing significant articles contained in the current issue and material which did not make it to the magazines.

The eNewsletters may be viewed online or through the RINA eNewsletter App, which may be downloaded from the Google Play Store and the Apple Store. Members and subscribers are advised through the eNewsletters and by App notification when a new issue is available for reading.



RINA eNews

RINA eNews is the Institution's regular email newsletter to members, reporting on the activities of members and the Institution. Occasional Special Issues of RINA News focus on Publications and Events.

Events News

Full details of the Events programme may be viewed online www.rina.org.uk/events_programme, or through the RINA Events App, which may be downloaded from the Apple Store and the Google Play Store.



Conference Proceedings

Delegates to RINA conferences may access the papers presented at the conference online, together with the associated Powerpoint presentation, through the Institution's Dropbox account. Selected presentations are published on the Institution's YouTube Channel.

YouTube

RINA's YouTube Channel now has 1,000 subscribers. Over 90 videos of presentations at conferences, Section and Branch meetings may be viewed on the RINA YouTube Channel with more being added on a regular basis, [click here to subscribe](#).

Transactions

The reports of scientific and technical research are published in the IJME. Members have online access to all papers published in the Transactions – IJME.

Publication in the IJME (4 issues per year) will also enable such papers to be published more quickly after submission and reviewing. Such papers will also benefit from the higher impact factor of the IJME.

We welcome papers from all sectors of the maritime industry.

RINA Affairs

Reports on the Institution's and members' activities and is the Institution's bi-monthly House Magazine. RINA Affairs may be read as a pdf file or online or on the RINA Affairs App, which may be downloaded from the Google Play Store and the Apple Store.

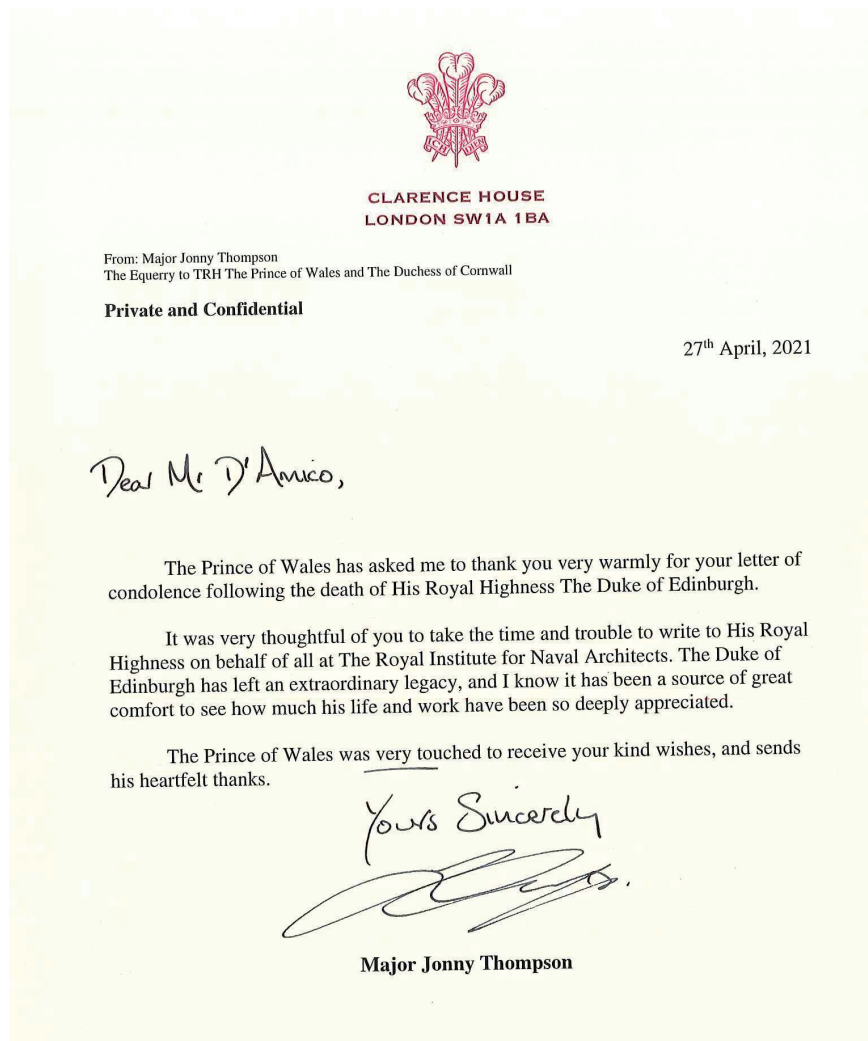
NEWS

His Royal Highness, The Prince Philip, Duke of Edinburgh

It was with great sadness that we learned of the passing of our Senior Honorary Fellow on the 9 April 2021. Prince Philip was inaugurated as an Honorary fellow since 1955 and his legacy in the maritime community is everywhere for all to see.

I would like to thank everyone for your support. The Institution paid its respects accordingly and wrote letters to Her Majesty The Queen and His Royal Highness, The Prince of Wales passing on our condolences. The Prince of Wales and Duchess of Cornwall kindly sent the Institution the following letter (right).

It was our original intention to celebrate Prince Philip's centenary by presenting HRH with a special award and the tribute in the June edition of *The Naval Architect*, but we will now include the tribute in the May edition of the magazine.



Digital Transformation

Digital First (approved consultant) completed their gap analysis of the Institution and the results were presented to the Board of Trustees last month. The Institution must migrate from its current position towards integrated digital technology. The report identified areas of strength and gaps whereby digital tools will assist with our communication, skills mapping and collaboration.

The Chief Executive is working closely with the digital steering group (approved by the Board) and the digital investment case and return of investment is near completion. The Institution's systems architecture will be moved to a fully integrated cloud-based system and new webpage. The terms of reference and specifications including digital project management and contracts are being incorporated into the digital roadmap which will transform the way we can communicate.

International Journal of Maritime Engineering

The International Journal of Maritime Engineering (IJME) recent edition was issued by the University Buckingham Press and also received a new look to coincide with its launch.

I would like to personally thank both Prof. David Andrews, Editor in Chief and Donald Cameron, Assistant to the Editors, who stepped down at the end of March. I would also welcome Tash Greene from the secretariat team who now assists the Editors.

Donald Cameron

The Institution has just bid farewell to Donald Cameron, who was Assistant to the Editors of both the International Journal of Maritime Engineering (IJME) and the International Journal of Small Craft Technology (IJSCT), until the latter was subsumed into the IJME early this year. It was Donald's job to not just act as the main interface between authors submitting prospective papers to both journals but also to the many members and experts beyond who acted as reviewers of these many papers to ensure that the very high standard of these

effectively successors to the Transaction of RINA, as the oldest extant organ of naval architectural proceedings, was maintained. Each editor remained responsible for the acceptability of every finally agreed paper, but relied immensely on Donald to persistently chase reviewers and authors, sadly not all of whom were responsive to his requests; often reviewers in particular did not even bother to acknowledge the request on behalf of the Institution. This then caused understandable irritation on the part of authors adding to the pressure to deliver the best papers possible for

publication. Donald showed persistence time and again and bore much of the communications intensity with quiet and polite insistence, enabling the editors to just focus on achieving the necessary quality in the papers that finally appeared in the quarterly journals and annually in the Transactions, thereby maintaining the tradition going back to William Froude, John Scott Russell and the other founders of the profession.

Professor David Andrews FREng, PhD,
FRINA, FSNAME, RCNC,
Editor-in-Chief IJME

The Naval Architect at 50

I hope that everyone received and enjoyed the April edition of *The Naval Architect* which celebrated its 50th birthday, and whilst many will remember reading the first edition, I hope that the April bumper edition provided as much excitement as when the first edition was issued in April 1971.

Many have noticed that *The Naval Architect* received an early birthday present with the new look and we certainly welcome your feedback as we continue to evolve our publications and marketing campaign. The *Ship & Boat International* and other publications are now undergoing a new look.

New Look

We have recognised that various areas of our traditional business model have suffered during the pandemic and our events have taken a financial nosedive as we relied, like many others, on the contributions from live attendees. Refreshing our advertising and marketing strategy will create an energy in the market that will increase revenue and market share, and our relationship with our Corporate Partners, maritime organisations, and collaborative partners. We have started our digital journey so let us combine this with a marketing campaign and expand our organisation estimated worth and give the competition something to talk about!

We have created a brand book from the approved colours taken from the coat of arms (see figure 1). This establishes standardisation of branding material and colour palettes. Secondly, we have used the regal colours to embellish a modern



look that maintains our tradition, but creates vibrancy, a striking look that subliminally sinks into the subconscious, delivering purpose and quality.

Now is a fantastic time to start a fresh marketing campaign and our strategy is measured by setting Key Performance Indicators (KPIs) so that we integrate activities and identify key target areas. This is not unusual as many other organisations and companies rebrand and align their vision with the modern customer demand, sometimes radically, but we already have our value proposition in the RINA crest and by using the working logo in a new marketing strategy and the college of arms logo for

ceremonial duties it really allows RINA to use our tools effectively, and we must attract new members.



THE ROYAL
INSTITUTION
OF NAVAL
ARCHITECTS

Figure 1. Brand Book taken from college of arms approved colours



The professional institutions and their purpose – SNAME-WES UPM Symposium

On the 11 May 2021 RINA's Technical Manager, Jaime Perez Martinez, gave a presentation on behalf of the Royal Institution of Naval Architects at the Polytechnic University of Madrid. The presentation "The professional institutions and their purpose" was delivered on a hybrid format at the I Symposium SNAME-WES UPM.

He described how the professional institutions are relevant to the marine industry and focused on those significant to the European Naval Architect and Marine Engineer. Also covered was the network of different professional bodies that work towards the success of their members and their different national and international levels of representation.

The importance of the institutions as a source of technical discussion, learning and education, continued professional development and networking was discussed. The presentation expounded the high standards of professional competence as a condition of membership and looked at the link between individuals, universities, industry, and maritime organisations.

A historical note was given on how the Scientific Revolution propelled sharing of information, and gave birth to learned societies, transactions and journals.

Also discussed were the activities related to guidance and support throughout professional development, and the importance of active participation of its members.

Student Champion

The student champion framework has been set up to enable awareness and engagement as part of students professional development toolkit and connect with RINA and provide direct contact, source of information and networking.

We would like to congratulate:

- Alessia Fazzolari – Student Representative University of Genoa
- Álvaro Buitrago Álvarez – Student Representative UPM
- Nikolaos Ntoulos – Student Representative University of Strathclyde
- Jack Pyne – Student Representative University of Southampton
- Charlie Archer – Student Representative of University Centre South Devon

All who accepted the Student Champion position, and we look forward to working with you.



Youth Ambassador

The Chief Executive has established the youth ambassador role within the secretariat and Nick Cox, Professional Affairs Assistant, has agreed to accept the role and work closely with the executive in developing a framework and strategy for youth engagement.

The Institution is engaged in many projects, initiatives and campaigns promoting engineering and naval architecture and I look forward providing more news as we develop this role and include the framework in the development strategy.

PUBLICATIONS

I would like to thank the following authors for supplying the following books for the RINA library and I have thoroughly enjoyed reading them:

Bruce Peter:

- SUPERFAST and the Ships of Attica Group
- Danish Design at Sea, Ship Interior Architecture and Furnishing
- Knud E Hansen, Ship Design since 1937 – 80 Years
- QE2 Britain's Greatest Liner, Bruce Peter, Philip Dawson, Ian Johnston with foreword by HRH The Duke of Edinburgh

Mike Wall:

The eBook version is available on Amazon.com or contact mikewalassociates@gmail.com

1. 'Hatch Covers – Operation, Testing and Maintenance' by Mike Wall. Published 2008 by Witherby Seamanship International. ISBN 13: 978 1 85609344 6
2. 'Report Writing for Marine Surveyors' by Mike Wall. Published February 2011 by Petrosport. ISBN: 978-0-9548097-7-5 Available from www.petrosport.com/books
3. 'Running a Successful Marine Survey Company' by Mike Wall. Published by Petrosport, published late January 2015. ISBN:

978-1-908663-20-7 Available from www.petrosport.com/books

4. 'Report Writing for Professional Marine Engineers' by Mike Wall. Published Nov 2014 by IMarEST. ISBN: 978-0-9565600-5-6
5. 'Marine Surveying and Consultancy – An Introduction' by Mike Wall, published Jan 2017 by the author. Cost US\$99 + P&P. ISBN: 9-78-616-429-228-4.
6. 'Marine Warranty Surveying – An Introduction' by Mike Wall, self-published Jan 2017 by the author. Cost US\$99 + P&P. ISBN: 978-616-429-215-4
7. 'Ship Superintendency – An Introduction' by Mike Wall, self-published January 2020. Cost US\$149 + P&P. ISBN: 978 616 565 752 5.
8. 'Lifting and Lifting Gear Aboard Ship' by Mike Wall, self-published December 2020. Cost US\$120 + P&P. ISBN: 978-616-577-283-9
9. 'Supercargo Operations – An Introduction' by Mike Wall, self-published January 2021. Cost US\$140. ISBN: 978-616-577-534-2.

LETTERS TO THE EDITOR

Dear Chief Executive,

I am writing on behalf of my father, John A Bennett, a long-time member of the Institution.

After a very long career in the industry, and currently aged 94, my father has a large collection of original design drawings for the very many boats that he designed. Now long retired of course, he has decided he no longer needs or wants these drawings (together with their original brochures and other information).

We do not believe these records now have a monetary value but wondered whether the Institution itself or any of your other members would be interested in giving this historic collection a home? Should any member wish to use them for commercial purposes, we would have no objection to this, subject perhaps to a small charitable donation.

If further information is required, please do not hesitate to contact me.

Yours faithfully

Jo Boulter (Mrs),

Responses to hq@rina.org.uk

Dear Chief Executive,

I am responding to your request for memories of the Duke of Edinburgh.

"I met the Duke of Edinburgh several times in the 1990's. The first time was when he presented me with my Fellowship of Engineering certificate in 1991. Later occasions arose from his Patronage of The Royal Corps of Naval Constructors, of which I was Head from 1992-98. He took a considerable interest in our work of designing, building and maintaining the ships and submarines of the Royal Navy. He visited the Ship Department headquarters in Bath and later visited us when the Queen opened the new Defence Procurement Agency headquarters at Abbey Wood in Bristol (I was pleased to be invited to write and say a special grace before the grand lunch that day in honour of the Queen and Prince Philip!).

When I was appointed as Head of the Royal Corps of Naval Constructors he invited me to his private study in Buckingham Palace for a chat and again, with my successor, John Coles FREng, FRINA, when I retired. As well as discussing our current work and future plans, he liked to reminisce about his service in the war. My wife Pat and I were also invited to one of the Royal Garden Parties when we were both able to talk to him.

I admired The Duke very much, for his kindness and interest, his wicked sense of humour and his tremendous support of engineering and technology in UK and internationally. He personally greatly boosted the national importance and visibility of engineering by his support of the Engineering Institutions including the RINA, and his active sponsorship of the formation of the Fellowship, of Engineering, later to become the Royal Academy of Engineering."

Mr. Charles Betts



Dear Chief Executive,

See photo (left) sailing with Prince Philip steering and King Constantine Black Jacket during Cowes Week 1985!

They were great to have on board and joined in the constant banter!

At the time I was working at the BMT test tank in Feltham. I was the tactician and mainsheet trimmer.

The yacht was Sir Owen Aisher's Yeoman – *Twenty Six*.

Best Regards
Gordon Blaauw CEng FRINA

Head of Design and Engineering,
Austal Australia

Dear Chief Executive,

The following small anecdote may be of interest.

About 60 years ago The Prince Philip, Duke of Edinburgh opened a new wing of Sunderland Technical College (now University of Sunderland). The Department of Naval Architecture was based in the new wing but, perhaps because the Head was quite junior in the college hierarchy, was not included in the departments to be visited. However, as he would be passing the entrance to the Department, we prepared a notice 'NAVAL ARCHITECTURE' with a large arrow and placed it on his route.

And as hoped for, the Duke appeared in the doorway of our design room and spent several minutes looking at our ship design projects, while the College Principal and entourage peered through the door, anxiously checking their watches.

Yours etc
Tony Lunt

Dear Chief Executive,

I had the honour to see HRH "in the flesh" at the RINA Centenary Meeting at the Royal Festival Hall in 1961. He was Life Patron of the South African Naval Officers' Association. We have had to change our plans and instead of celebrating his birthday on 10 June we will "Splice the Mainbrace" to celebrate a life lived to the full.

Yours,
Bill Rice

Dear Chief Executive,

You may be interested to hear that today I tolled a bell at St Peter's Church, Curdridge, Hampshire, 99 times in memory of Prince Philip. I am both a bellringer and a Member of RINA.

Yours sincerely
Robin M Milford, CEng MRINA

Dear Chief Executive,

Please see the photo (right).

This was taken in London in around 2004/05. I was doing my industrial placement year as part of my BSc degree at Plymouth University. I (standing in the right of the photo) was working with Jamie Fabrizio (centre) at a small boat builders in Exmouth, we were building Atlantic rowing boats, one of these ended up being for a crew in the armed forces. As we were the builders – we were invited to attend the launch party and meet the Duke.

I can't remember the full conversation but I remember he was asking Jamie and I about the stability of the boat and how well it self-righted. He really did have a great depth of knowledge in the subject of Naval design and It was a great experience I got to talk to him in such a personal situation and its one I'll never forget. I just thought I'd share the photo with you, despite the sad news this weekend, this photo has sparked quite a bit of interest within my family over the weekend and was nice to get back in touch with Jamie who now lives in New Zealand.



Kind Regards,
Rob Wood
Naval Architecture SIT Lead
BAE Systems Submarines

Dear Chief Executive,

It was my privilege to meet the HRH at the Guild Hall in 1989 and also to take lunch with him on another occasion where I sat next to him. A most enjoyable occasion. During our conversation he advised that he had to be mindful of what he said “on occasion” for example the “switch board” episode.

I first saw HRH in 1954 when he accompanied the Queen on her Royal Tour of Australia when I was a school boy, which I mentioned when we spoke in 1989. On another occasion he also spoke about the enjoyable trips on the Royal Yacht and he was very sorry when it was taken out of service.

He had a fantastic sense of “dry” humour, which I appreciated when I attended another function he was at in the UK.

He also had a keen interest in environmental matters, on which we spoke about at another one of our meetings, as I was a member of BHP’s Environmental Council, which monitored all BHP’s activities worldwide.

He will be sadly missed.

Alan H Taylor OAM

Dear Chief Executive,

I first saw the Royal couple when they passed on the Royal train from Hastings, New Zealand in 1954, standing on the rear open platform. We waved and they waved back. After several more sightings I met Prince Phillip at Garden Island Dockyard for the opening of the original HMAS Parramatta Memorial initiated by the Naval Historical Society during the Australian Bicentennial in 1988 (when I also oversaw some remedial work on the Royal Yacht).

Hugh Hyland

Personal memories of Prince Philip

Prince Philip was the principal guest at the RINA 150th Anniversary Annual Dinner in 2010, when I had the pleasure of introducing the guests at the President’s Reception to him.

Come the time, 10 minutes before the Dinner was due to start, when all guests, including those in hospitality suites etc, were asked to be seated, the Hotel’s lifts went out of action! I carried on desperately introducing guests – some twice! – whilst the 300 guests made their way slowly to the Dinner. As time wore on, Prince Philip said to me, with the smile and twinkle in his eye that had put so many people at ease: “Do you still plan on eating tonight?” Fortunately, at that point the Hotel announced that all guests were seated.



Trevor Blakeley

Trevor Blakeley in conversation with HRH The Prince Philip, Duke of Edinburgh at the Institution’s 150th Anniversary Annual Dinner

Prince Philip was principal guest at the Institution’s 150th Anniversary Annual Dinner



A typical Naval Architect's encounter with Prince Philip

Prince Philip graciously accepted the invitation from the then Head of the Royal Corps of Naval Constructors, (Keith Thomas CB, OBE, FREng, FRINA, RCNC), to become the Patron of the Royal Corps in its Centennial year of 1983. It was of course his great-great-grandmother who signed the Order in Council forming the RCNC in 1883. He then kindly provided an insightful Foreword to the hundred years history of the Royal Corps written by David Brown, FRINA, RCNC – “A Century of Naval Construction”.

Prince Philip took his usual interest in yet another body to which he acted as figurehead, “laying on hands” with each new Head of Corps and even providing his personal (annotated) comments on the early year-long design study for a replacement for HMRY *Brittania* in 1989, which I received back (as project manager) in our design offices in Bath.

Prince Philip did not usually attend the RCNC Annual Dinner, which for many years was in the Painted Hall at RNC Greenwich, but he accepted in 2000 the then Head of RCNC, John Coles, CB, FRINA, RCNC, invitation to the Millenium RCNC Dinner that took place on HMS *Warrior*, no doubt attracted to an afloat occasion. John organised various members of the RCNC to meet HRH on the Quarterdeck prior to sitting down in the Captain's cabin for the formal dinner.

As the director for frigates and MCM, I had responsibility for the procurement of the then building first ocean going trimaran ship, RV *Triton*, and had in previous incarnations been heavily involved in trimaran ship research, at UCL and the Haslar

Research Establishment, at Gosport. So I was introduced to talk to Prince Philip on trimarans.

As with so many people I was not only charmed by his putting me at ease but also impressed by his clear knowledge and interest in this first radically novel ship hullform for many years and the fact that it had emerged from a British deep ocean racing yacht designer, Nigel Irens, asking my predecessor, as professor of naval architecture (PNA) at UCL, Doug Pattison, FRINA, RCNC, whether a small power boat (*Iland Voyager*) trimaran could be scaled up to be a fast ferry. Doug took the idea away and did a student study of a “Future (trimaran) Frigate”. After I took over from him in 1993 as PNA at UCL we continued to produce trimaran studies and undertake further research with Haslar, which then led to the then DERA ordering a research vessel, which Vospers built based on a 2/3rds scale of a trimaran destroyer that we had designed at UCL.

Prince Philip enjoyed the whole story and typically asked some searching questions, to be expected not just from briefing himself on another piece of new technology but with his keen naval background.

This was just one instance (like his Foreword to the Corps history) where he showed a real commitment to an interest in ship technology and his recognition in his own words of “how the interaction between professional seamen and professional designers has shaped and guided British maritime power.”

David Andrews, REng, FRINA, RCNC



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NEWS FROM THE CONFEDERATION OF EUROPEAN MARITIME TECHNOLOGY SOCIETIES

CEMT Award presented to Fellow of RINA

The 2020 CEMT Award for significant contribution to the European maritime industry has been presented to Professor R P Fernandez FRINA, in recognition of his significant contribution to the advancement of knowledge in the field of damage ship stability, through his research and publications. Read more at www.cemt.eu/CEMTAward.

Confederation of European Maritime Technology Societies Award

The CEMT Award is presented annually in recognition of the outstanding contribution to the success of the European maritime industry made by an individual, company or organisations. Such contribution may be academic, technological, political or economic, and may have been made over a period of time or by the introduction of a product or service. Details of the Award are on LinkedIn and at https://www.cemt.eu/cemt_awards.html. Nominations for the 2021 Award are invited.

RINA is a member of the Confederation of European Maritime Technology Societies (CEMT), and the Chairman is Trevor Blakeley FRINA. Information on its activities and matters concerning the European maritime industry can be found on the CEMT website at www.cemt.eu.

Members are invited to connect with the CEMT LinkedIn group at www.linkedin.com/company/confederation-of-european-maritime-technology-societies

Recent postings include:

International Conference on Postgraduate in Marine Technology

PostGradMarTec 2021 will be held online on 3-4 November and will provide an opportunity for younger postgraduates to present and discuss their work, and to

meet with other postgraduates worldwide from universities and industry in a conference environment. Postgraduates will present their current and recent research in any field relating to the design, construction and maintenance of marine vessels and structures. Please note that full papers will not be required for the presentations, and attendance at the conference is free for all students. Details of the conference are on LinkedIn and at: <https://www.cemt.eu/PostGradMarTec2021.html>

Working as a professional engineer in Europe

In addition to national restrictions for working in a country within Europe, some countries and companies may require a maritime engineer to register or be qualified as a professional engineer in order to carry out some roles. Guidance on the professional requirements for working in Europe can be viewed at www.cemt.eu/ProfessionalEngineersInEurope.html

Consultation on European Commission initiatives

The European Commission regularly invites members of the European maritime industry to give their views on initiatives currently in development. More on LinkedIn

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