



# RINA AFFAIRS

MARCH/APRIL 2020

The Newsletter of the Royal Institution of Naval Architects

## CHIEF EXECUTIVE'S COLUMN



Normally at this time, RINA Affairs would have been reporting on the Annual General Meeting, a Special General Meeting and the Annual Dinner. For those not attending those events, I would have published details of the winners of the Institution's Medals and Prizes, announced at those events. This issue of RINA Affairs would also have published the President's Report in which he would have described the Institution's activities over the past 12 months, and to look forward to the next 12 months.

However, as undoubtedly we are all aware, the Institution, its members and members of the international maritime community are facing challenging and unprecedented times as they and the world respond to the Coronavirus pandemic.

The immediate impact on the Institution has been to close the Headquarters and for Secretariat staff to work from home, as required by the UK Government. All conferences and courses have been postponed for the foreseeable future, and it is hoped to run some when such restrictions are lifted. Elsewhere, every effort is being made to continue normal Institution business, as far as it is possible. Membership applications continue to be received and actioned. Professional Review Interviews have been successfully carried out where all participants are remote from each other. Publications are being published as scheduled. Members in countries outside the UK may not be receiving the printed copies, because of international freighting restrictions, but all members and subscribers have access to the electronic versions.

The 2020 AGM and SGM will be held remotely next month and details of how to attend will be published in due course. The results of the 2020 Elections to Council will be announced at the AGM. These will be the first elections since the introduction of Regions and the composition of Council whereby nomination and election of members will be by Regions, with the allocation of Council places being in proportion to the number of members in each region. Voting in the 2020 AGM and AGM and in the Elections to Council will be fully electronic and eligible members should already have received emails with voting forms. The Annual Dinner has been postponed to October 2020, but of course, as with other Institution activities, that will depend on the situation at the time.

It is understandable that at this time, members' priorities will be in responding to the personal and employment challenges which the Coronavirus has presented. I also realise that their concern about its impact on them and their companies or organisations is compounded by the uncertainty of what the future will bring and when. However, as would be expected, members of the Institution and the maritime community are getting on with life and work, as safely and as normal as is possible. I am grateful to the members who have enquired after the health of the Secretariat staff, and in return, may I wish members and their families a safe and healthy future.

*Trevor Blakeley*

## IN THIS ISSUE

### Chief Executive's Column

The Chief Executive reports on the impact of the Coronavirus on the Institution's activities.

### 2020 AGM + SGM

The 2020 AGM and SGM will be held remotely on 14 May. Proxy voting forms have been sent to eligible members.

### 2020 Elections to Council

Electronic Voting Forms have been sent to all eligible members. The results will be announced at the 2020 AGM.

### Digital Media

Video recordings of presentations at Conferences are now published regularly on the Institution's YouTube Channel.

### Division and Branch News

Reports from the Australian Division, the UAE Branch and the inaugural meeting of the North West Branch.

### Members and student awards

The achievements of members and students are recognised by Institution awards.

### Corporate Partners

The Institution welcomes UAE Classification Society, Tasneef, as a Corporate Partner member of the Institution.

## 2020 ANNUAL GENERAL MEETING

NOTICE IS HEREBY GIVEN THAT IN ACCORDANCE WITH BY-LAWS 39 AND 42, THE ANNUAL GENERAL MEETING OF THE INSTITUTION WILL BE HELD AT 8-9 NORTHUMBERLAND STREET, LONDON, WC2N 5DA, ON 14 MAY 2020 AT 1100 FOR THE FOLLOWING PURPOSES:

1. To receive the Annual Report and the Financial Statement for the year ended 30 September 2019.
2. To consider and if felt fit, approve the following Resolutions:  
  
Resolution 1: To elect M D'Amico as the President of the Institution  
Resolution 2: To re-appoint haysmacintyre as the Institution's auditors
3. Announcement of elections for Council in 2020.

### Notes

1. Because of the continuing closure of Headquarters in response to the Coronavirus situation, voting for the AGM will be electronic. Voting papers will be sent to all Voting Members (all except Student and Junior Members) who may appoint the Chairman of the meeting as their proxy to vote on their behalf.
2. Members for whom the Institution does not have an email address will be sent a postal voting form.

## SPECIAL GENERAL MEETING

NOTICE IS HEREBY GIVEN THAT IN ACCORDANCE WITH BY LAWS 37 AND 77, A SPECIAL GENERAL MEETING WILL BE HELD AT 8-9 NORTHUMBERLAND STREET, LONDON, WC2N 5DA ON 14 MAY 2020 AT 1115 TO CONSIDER, AND IF FELT FIT, APPROVE THE FOLLOWING RESOLUTIONS:

### Amendments to the By Laws

Resolution 1: "To make such amendments to the By Laws as are necessary to clarify the relationship between the Board and the Council."

Resolution 2: "To make such changes to the By Laws as are necessary to replace all gender specific references with gender neutral references."

### Notes

1. Because of the continuing closure of Headquarters in response to the Coronavirus situation, voting for the SGM will be electronic. Voting papers will be sent to all Voting Members (all except Student and Junior Members) who may appoint the Chairman of the meeting as their proxy to vote on their behalf.
2. Members for whom the Institution does not have an email address will be sent a postal voting form.

## PIAQUO PROJECT

The European Commission is supporting and funding a project on Underwater Radiated Noise from Shipping – the PIAQUO Project. The objective of the Project is to effectively reduce the radiated noise generated by merchant vessels and to adapt it in real-time leading to minimize their impacts on the environment. Its goals will be:

- Practical implementation of ship Underwater Radiated Noise reduction based on improved propellers;
- Practical implementation of ship radiated noise real-time self-estimation and control and cavitation detection system;
- Inducement of virtuous approaches from ship owners to reduce shipping URN in connection with a database of real measured radiated noises of boats;
- Adaptation of the maritime traffic according to the real-time state of marine ecosystem mapped by passive acoustic system. REPCET automatic feeding with data; and
- Setting broadcasting services for public and private actors decision making support to reduce shipping noise impact.

The PIAQUO Advisory Group (PAG) has been created, to advise and review work of the Project, the and the Institution has been invited to become a member.

The Institution will be represented by Dominika Marszalkowska-Colver of the Maritime Environment Committee.

Further information about the PIAQUO Project is available at:

<http://life-piaquo.eu/en/home/>  
and  
[http://ec.europa.eu/environment/life/project/Projects/index.cfm?fuseaction=search.dspPage&n\\_proj\\_id=7204](http://ec.europa.eu/environment/life/project/Projects/index.cfm?fuseaction=search.dspPage&n_proj_id=7204)

# ELECTION OF THE PRESIDENT

## M D'Amico FRINA

**M**aurizio d'Amico studied Architecture and Marine Engineering at the University of Genoa, graduating in 1984.

Following graduation, he worked at leading P&I Club and Law firms in London. In 1986, he joined the maritime consultant studio Martinoli in Genova where he was involved in various aspects of consultancy, insurance claims and design coordination for a major passenger ship conversation.

In 1992 he joined the d'Amico Società di Navigazione where he served at various

levels fleet technical management, where he was particularly involved in the development and evolution of the technical department.

Since 2000 he has been actively engaged in the company's newbuild programme for both tankers and bulk carriers fleet development, when he has been involved from specification discussion, to the selection of builders in shipyards in Korea and China.

From 2014, he has been actively involved at various stages in the development of the company's ship

performance team, with the aim of providing a constant report and analysis of all the fleet performance in terms of speed, consumption and emissions. He is currently responsible for business and technology development.

He actively participates in various international bodies like ICS, Confederazione del Mare, Confitarma, and retains close links with the Department of Naval Architecture of the University of Genoa University. He is a member of the Council and Board of the Royal Institution of Naval Architects.

# INSTITUTION NEWS

## 2020 Elections to Council

**N**ominations from and by members in the Regions were equal to or less than the number of vacancies in all Regions except in the UK Region. Such members will be elected unopposed. The election of members in the UK Region will be managed by Mi-Voice, an independent election services provider.

On the 10 April an email was sent to eligible members (FRINA, MRINA, AMRINA and AssocRINA) from rina@

mivoice.co.uk providing them with a personal link to the voting site. A reminder was sent subsequently. Members who have not received the emails are requested to check their email inbox (and junk or spam folder). If for any reason it has not been received, email please contact Mi-Voice using: Telephone: +44 (0) 2380 763 987 Email: support@mi-voice.com

The results of the 2020 Council elections will be announced at the 2020 Annual General Meeting.

# STUDENT AWARDS

## RINA – GSCC Award

**T**he 2020 RINA – Greek Shipping C-operative Committee Award for the best final-year projects at the National Technical University of Athens were awarded to Ms. Dimitra Anevlavi for her thesis title: *“Hydroelastic analysis of flapping foils by a coupled BEM-FEM with application to marine energy extraction devices”* and to Mr. Michail Chalkiopoulos for his thesis title: *“Computational and experimental evaluation of performance of thrust bearings operating in the TEHD regime”*.

## RINA – D'Amico Award

**T**he 2020 RINA-D'Amico Student Award for the best final-year thesis at the University of Genoa was awarded to Federica Fregosi, for his thesis *‘CFD Analysis Of Propeller-Rudder Interaction’*.

# 2020 AGM and SGM

**D**ue to the Coronavirus situation, the 2020 Annual General Meeting and Special General Meeting on 14 May will be held remotely. Details of how to attend the Meetings will be forwarded in due course.

Members who cannot or do not wish to attend the meeting may appoint the Chairman of the meeting as their proxy, to cast their vote as instructed. Voting for the AGM and SGM is being managed by Mi-Voice, an independent election services provider.

On the 10 April an email was sent to eligible members (FRINA, MRINA, AMRINA and AssocRINA) from rina@mivoice.co.uk providing them with a personal link to the voting site. A reminder was sent subsequently. Members who have not received the emails are requested to check their email inbox (and junk or spam folder).

If for any reason it has not been received, email please contact Mi-Voice using: Telephone: +44 (0) 2380 763 987 or Email: support@mi-voice.com

## CORPORATE PARTNERS

### Tasneef

The UAE Classification Society Tasneef has been elected as a Corporate Partner member of the Royal Institution of Naval Architects.

During a recent visit to the UAE, the Chief Executive, Trevor Blakeley, met with the General Manager of Tasneef, Waleed Altamimi, to discuss the development of closer links between Tasneef and the Institution, particularly with the UAE Branch.

The Chief Executive was accompanied on his visit by Mr Ashik Subhani, Chairman of the UAE Branch and Vice President of the Africa and Middle East Region of the Institution.

Left to Right: Ashik Subhani, RINA's Chief Executive, and Waleed Altamimi



## NEWS FROM THE BRANCHES

### Australian Division

At the 2020 Annual General Meeting of the Australian Division, Mr Gordon MacDonald FRINA was elected as President of the Division, vice Professor Martin Renilson FRINA. Other changes to the Australian Division Council are shown on the Division's page on the website.

Mr MacDonald also becomes an ex officio member of the Institution Council.

The Institution extends its grateful thanks to Professor Renilson for his valued service he has rendered as President of the Division.

### UAE Branch

A Branch Meeting was organised by the UAE Branch in Dubai, during which three presentations were given. The meeting was sponsored by Bureau Veritas, and was attended by the Chief Executive, Trevor Blakeley.

An Introduction was given by Tihomir Kezic BVS M&O Director for India, Middle East and Africa, entitled 'Bureau Veritas Solutions – Services beyond the Class'.

The first presentation was given by Nicolas Boulet Marine & Offshore Engineering and Risk Director, Bureau Veritas Solutions, entitled 'Fit for Purpose Hull Design for Greener Shipping'.

The second presentation was made by Madhan Kumar Mohan, BEng (Hons), AMRINA, Master Mariner Director of Engineering, Interocean Marine Services Ltd (A Rigmar Group Company, UK), entitled 'An overview on the Thruster Assisted Mooring Analysis'.

The third presentation was given by Nyari Nain, now sailing as a Third Engineer with Anglo-Eastern Group. She holds the MEO Class (ii) Certificate of Competency, DG Shipping India and is one of the few women taking up this challenging career.

In her presentation, she described the background to her first book

'Anchor My Heart', for which she was awarded the 'Young Seafarers' Achievement Award' by the Indian Ministry of Shipping, India.



UAE Branch Technical Meeting



Chief Executive, Trevor Blakeley, meets members of the UAE Branch



## North West Branch

The Council has approved the formation of the NW Branch of the Institution, and has appointed the following members of the Branch Committee:

**Chairman:** Duncan Swinson  
CEng MRINA

**Secretary:** Jonathan Happs  
MEng AMRINA

**Treasurer:** Matthew Slater  
MEng AMRINA

**Committee Member:** Gabriela Grasu  
AMRINA

**Committee Member:** David Monks  
FIMarEST MRINA

They will serve on the Committee until the first AGM in 2021, when there will be elections to the Committee.

The NW Branch held its inaugural meeting – remotely – on 30 March.

## WOMEN IN MARITIME TASKFORCE

### Maritime and Me campaign

In support of the Women in Maritime Taskforce as well as the work in promoting careers within the maritime industry, the UK Department for Transport (DfT) is seeking help in sourcing Ambassadors for the DfT funded Maritime and Me campaign.

The campaign, designed to profile women in various maritime roles and encourage more young people to join the sector, is at a crucial stage. Industry participation is required to allow a regional outreach programme to commence work this summer.

They are asking for individuals within these sectors: shipping, ports, engineering, maritime services and leisure marine. Ambassadors should cover the variety of roles on offer and will be asked to visit a number of schools over the next 12–18 months to talk to young people about

career choices in Maritime.

Ambassadors will be provided with bespoke training enabling them to run sessions for schools or other events. By becoming an Ambassador, they offer their time and enthusiasm and will play a crucial role in inspiring young people to consider maritime careers.

This builds on the excellent work already undertaken by Maritime UK's Women in Maritime Taskforce to improve gender diversity, helping meet the ambitions set out in Maritime 2050, the Department's long-term vision for the UK's maritime sector.

If you are interested please email [rebecca.hawkins@maritimeindustries.org](mailto:rebecca.hawkins@maritimeindustries.org)

*From the Chief Executive: I would be interested to hear of any other country who is organising a similar programme.*

## MEMBERS IN THE NEWS

### Colin Mudie FRINA

In the previous issue of RINA Affairs, the Chief Executive presented a 75 Years' Membership Certificate to Colin Mudie at his home in Lymington.

Shortly after the presentation, sadly, Colin passed away at the age of 93.

For many members and other in the international maritime sailing community, the name Colin Mudie was synonymous with the design and construction of sailing vessels, ranging from recreational yachts to tall ships.



The Chief Executive presents Colin Mudie with his 75 Years' Membership Certificate

### Ken Rawson

Many members will also be saddened to hear of the passing of Ken Rawson FRINA at the age of 94.

Ken Rawson was the recipient (uniquely) of two William Froude Medals, most recently jointly with E C Tupper in recognition of their authorship of the 'standard introductory text for students of naval architecture' – 'Basic Ship Theory', first published 1968 and a standard textbook for many members since.

#### THOUGHT FOR THE MONTH

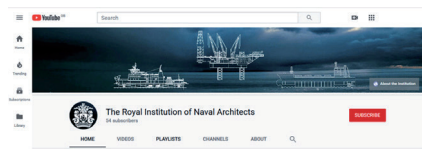
If my ship sails from sight, it doesn't mean my journey ends, it simply means the river bends.

*Enoch Powell*

## DIGITAL MEDIA

The Institution makes extensive use of Social Media to inform and promote discussion by members of the Institution and the maritime community.

### You Tube



The international conferences organised by the Royal Institution of Naval Architects provide an opportunity for maritime professionals to present and discuss technical developments in all sectors of the maritime industry. However, the Institution appreciates that not all those who would wish to attend a conference are able to do so. It also recognises that although the Proceedings of the conferences are

available, the additional material presented by authors at the conference provides a valuable complement to the paper.

The Institution is therefore publishing an audio and visual recording of the presentations made at conferences.

Such recordings will be freely available on the Institution's You Tube channel at [https://www.youtube.com/channel/UChb1sfHbWfQmG-iwpp\\_QGJg](https://www.youtube.com/channel/UChb1sfHbWfQmG-iwpp_QGJg)

The first conference presentations to be published are from the Damaged Ship V Conference. Presentations will be published at weekly intervals, commencing with "Tanker Damage Stability: Historical Problems and Current Solutions" by Keith W. Hutchinson, Safinah Group, UK.

(Conference proceedings for this and all the Institution's conferences can be obtained from [marketing@rina.org.uk](mailto:marketing@rina.org.uk))

### Linkedin

The Institution has two distinctive

channels on Linked in – the RINA Company page at (<https://www.linkedin.com/company/royal-institution-of-naval-architects/>) and the RINA Group page at <https://www.linkedin.com/groups/3077992/>.

Posts to RINA Company page are accessible to everyone regardless of their affiliation. Posts in this channel are made by RINA only, and keep members of the Institution and the maritime community updated on the Institution's activities.

The RINA Group page provides an opportunity for discussion by those subscribed to the Group. Posts to the RINA Group page are moderated, and there is a policy of no commercial posts.

Posts by the Institution are repeated on both pages.

### Facebook, Twitter & Instagram

The Institution also has pages on Facebook, Twitter and Instagram.

## RINA AFFAIRS

The Institution is not, as a body, responsible for opinions expressed in RINA Affairs unless expressly stated that these are the Council's views.

### Editor

The Chief Executive

### Production Manager

Nicola Stuart

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The Royal Institution of Naval Architects  
8-9 Northumberland Street,  
London, WC2N 5DA,  
UK

Tel: +44 (0)20 7235 4622

Fax: +44 (0)20 7259 5912

Email: [hq@rina.org.uk](mailto:hq@rina.org.uk)

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## THOUGHTS FOR THE MONTH

"The behaviour of ships on stormy seas is so hard to be understood and so important to be predicted, that it is worth any amount of hard thinking, and painstaking observation, and subtle reasoning we can expend on it"

*J. Scott Russell, 1863*

One ship sails East, another West  
On the self same winds that blow;  
It's the set of the sails  
And not the gales  
That determine the way they go.  
Like the winds of the sea are the ways  
of time,  
As we journey along through life,  
It's the set of the soul that determines  
the goal,  
And not the calm or strife.

*The Winds of Fate  
By Ella Wheeler Wilcox*