



RINA AFFAIRS

MAY-JUNE 2019

The Newsletter of the Royal Institution of Naval Architects

CHIEF EXECUTIVE'S COLUMN



Throughout its existence, the Institution has sought to be a forward looking professional institution, "seeking to identify and respond to the continuing and often fast changing professional needs of its members and the profession it serves". I believe that the Institution has been successful in this aim but is very much aware that such success must not lead to complacency. It has no right to expect or assume that those who are involved in the design, construction or maintenance of marine vessels and structures will automatically become or remain members of the Institution. The Institution must continually ask if it is providing the service which its members want today and in the future. It is as necessary for a professional institution as it is for a

commercial company to ask if it is providing value for money to its members and what they expect from their Institution and from their membership fee?

With a view to answering that question, the Board initiated the Strategic Review 2050, to examine the role and activities of the Institution over the next 30 years, with the aim of identifying and responding to the continuing and often fast changing professional needs and expectations of its members and the profession it serves may be expected over the next three decades.

The foundation of this Review was, of course the views of the members, expressed through the extensive Membership Survey which formed Phase 1 of the Strategic Review. The results of the Survey formed the basis of Phase 2 of the Strategic Review, which determined what changes to the means by which the Objectives would be achieved were necessary. In Phase 3, the Board assessed the feasibility and affordability of the recommendations arising from Phase 2. The Review is now in Phase 4 when the recommendations accepted by the Board will be implemented. Amendments to the By Laws to implement the first of those recommendations, to make the composition of Council representative of the geographical location of the members as well as their experience, announced at the AGM, have since been approved by the Privy Council.

However, the ongoing feedback and views of members is essential if the Institution is to respond to the professional needs of the members, today as well as in the future. I welcome members' comments and suggestions, at any time, as to how the Institution can better provide the value for money which they, and their company if it is paying for their membership, have the right to expect. Such comment can be made by email to hq@rina.org.uk, by letter or to me in person when we meet. In addition, a number of focussed surveys covering individual publications and events are planned for the next 12 months. I hope all members will contribute to those surveys.

Trevor Blakeley

IN THIS ISSUE

Chief Executive's Column

In his Column, the Chief Executive reviews progress on the Strategic Review.

Amendments to the By Laws

Amendments to the By Laws required to introduce Regions, as resolved at the SGM, have now been approved by the Privy Council.

News from the Branches and Sections

The activities of the New South Wales Section and Canadian Atlantic Branch are reported.

Student Awards

The achievements of students at Strathclyde University, Southampton Solent University, Ngee Ann Polytechnic, University of NSW and Memorial University Newfoundland are recognised by Student Awards by the Institution.

Publications News

Details of the RINA Publications, RINA eNewsletters and RINA Events Apps are reported.

Letters to the Editor

Letters to the Editor include requests for information on the Rebuild of an 18th Century Ship, Vickers Shipbuilding and HMVS *Cerberus* & JG Wood. Can you help?

RINA Awards

Nominations for the 2019 Eily Keary Award, the RINA-QinetiQ Maritime Innovation Award and the RINA-Lloyd's Register Maritime Safety Award are invited.

Seatrade Award

The 2019 Seatrade Integration of Women in the Maritime Sector Award is presented to a senior member of the Institution.

INSTITUTION NEWS

Amendments to the By Laws

At the 2019 SGM, the following Resolution was passed:

“To make such amendments to the By Laws as are necessary to change the composition of the Council of the Institution to enable it to become more representative of the worldwide membership by reflecting geographic location as well as membership class and experience.”

The new composition of the Council will set the total number of elected Council members at 40, comprising 30 Corporate members (Fellows and Members) and 10 Non Corporate members (Associate

Members, Associates), thereby continuing to reflect experience. Members’ countries will be grouped into global Regions, with members of Council being nominated from and elected by members in each Region, thereby reflecting geographic location. The number of members of Council elected in each Category from each Region will be in proportion to the number of Voting Members (Corporate members and Non Corporate members) in the Region.

In addition, one or more Vice Presidents will be appointed in each Region from Corporate members elected by members in the Region, to represent the Institution

and members in the Region.

The 2020 Council elections will be in accordance with the changed composition, which will be fully achieved over a 5-year period. The appointment of Vice Presidents will be announced in due course.

The necessary amendments to the By Laws to achieve these changes have been approved by the Privy Council. The amended By Laws are published on the Institution’s website at www.rina.org.uk/by_laws_regulations.html. The country composition of the Regions and allocation of seats on Council is shown at www.rina.org.uk/council_committees.html.

Eily Keary Award

The Royal Institution of Naval Architects is committed to ensuring that all individuals, regardless of gender, faith or ethnicity, have equal opportunity to participate fully in all the Institution’s activities. The Institution also seeks to encourage such equality of opportunity and involvement throughout the global maritime industry. The annual Eily Keary Award, named after the first woman to be elected as a member of the Institution in 1919, recognises the significant contribution made by an individual, organisation or part of an organisation to increasing equality, diversity and inclusion in their sector of the maritime industry.

Nominations are invited for the 2019 Eily Keary Award. Nominations may be forwarded online at www.rina.org.uk/EilyAward or by email to EilyKearyAward@rina.org.uk to arrive at RINA Headquarters by 31 January 2020.

Queries about the Award should be forwarded to the Chief Executive at hq@rina.org.uk

QUOTE FOR THE MONTH

“When you want to know how things really work, study them when they’re coming apart.”

William Gibson

QinetiQ Schools Powerboat Challenge

Ten schools and cadet organisations entered the 2019 QinetiQ Schools Powerboat Challenge, designing, building and racing a model powerboat around the QinetiQ Test Tank at Haslar, Gosport. The RINA Award for the most innovative entry was presented by the Chief Executive to Chamberlayne School.

Members of the winning Chamberlayne School



One Sea

The Institution has joined One Sea as an Associate Partner. One Sea is a consortium of 13 international companies (including ABB, Ericsson, Rolls-Royce and Wärtsilä), which has been formed to co-ordinate and harness the efforts of pioneering marine and technology suppliers, shipyards and ship owners as well as those of research organisations to create a large autonomous ships ecosystem in 2025. The Institution will be a member of the Advisory Board as well as promoting the work and results of the Consortium. Details of One Sea can be found at <https://www.oneseaecosystem.net/>

NEWS FROM THE BRANCHES AND SECTIONS

New South Wales Section

The NSW Section held its 21st AGM on the evening of 6 March, immediately following the March technical presentation in the Harricks Auditorium at Engineers Australia, Chatswood, attended by 11 with Phil Helmore in the chair, standing in for the Chair of the NSW Section, Valerio Corniani.

Lawry Doctors, Professor Emeritus at UNSW Sydney, gave a presentation on *Recent Studies of the Hydrodynamics of River Vessels* to a joint meeting with the IMarEST attended by 31 on 13 February in the Harricks Auditorium at Engineers

Australia, Chatswood.

Michael Uberti, AMSA Accredited Surveyor with Maritime Survey Australia, gave a presentation on *Domestic Commercial Vessel Survey in Australia: the Changes in Regulation and Survey* to a joint meeting with the IMarEST attended by 17 on 6 March in the Harricks Auditorium at Engineers Australia, Chatswood.

Valerio Corniani, Global Marine Segment Manager, Diab Group, gave a presentation on *Design of Car Decks with Composite Panels on a Car Carrier* to a joint meeting with the IMarEST attended by 47

on 3 April in the Harricks Auditorium at Engineers Australia, Chatswood.

Jim Galanos, Principal Engineer NSW & ACT, Corrosion Control Engineering, gave a presentation on *Corrosion and Mitigation: Truths, Lies, and Everything in Between* to a joint meeting with the IMarEST attended by 59 on 1 May in the Harricks Auditorium at Engineers Australia, Chatswood. This was the third-highest attendance of our 114 meetings at the Chatswood venue since Engineers Australia moved there in June 2006.

Phil Helmore

Canadian Atlantic Branch

On 22 March 2019, the Canadian Atlantic Branch of RINA organised the event: "What's next after graduation?"

During this meeting, Mr Mitchell Anderson, Mr Trevor Harris, and Mr Christopher Pope, Alumni of the Department of Ocean and Naval Architectural Engineering (ONAE), at Memorial University of Newfoundland talked about their diverse careers as Naval Architects. This event was attended by undergraduate students who got some insights into possible future careers.

Mr Mitchell Anderson talks about his current activities as a naval architect



ONAE Annual Student Technical Conference

The ONAE Annual Student Technical Conference is jointly organised by the Department of Ocean and Naval Architectural Engineering (ONAE), Faculty of Engineering and Applied Science, Memorial University (MUN), the Canadian Atlantic Branch of The Royal Institution of Naval Architects, and the Society of Naval Architects and Marine Engineers Canadian Atlantic Section and Student Section. This conference aims to bring together senior undergraduate students and graduate students in Ocean and Naval Architectural Engineering, present their research activities and design

projects, and share and discuss their ideas and research with each other.

On 17 May, at the 3rd edition of this conference. Graduate and undergraduate students of the Faculty of Engineering and Applied Science, at MUN as well as professional engineers attended the conference.

Students of Ocean and Naval Architectural Engineering presented 11 technical papers. Each presentation was followed by an interesting and engaging discussion.

Susan Hunt, Chief Technology Officer at Ocean Supercluster, gave a key note talk on "Opportunities for innovation and

collaboration in Canada's ocean industries."

During the conference, two students, received the RINA best paper award, and RINA best presentation award for their papers presented at the 2nd ONAE Annual Student Technical Conference, in 2018. The best paper award was presented to the PhD student Shafiul Mintu for his paper on: "Evaluation of Ice Management Performance Using SPH-DEM Approach". The best presentation award was presented to the Master's student Mohamed Auf for his presentation on: "Dynamic Analysis of Fishing Vessel Structures".

Lorenzo Moro

NEWS FROM THE UNIVERSITIES AND COLLEGES

RINA – BAE Systems Student Awards

Strathclyde University

The 2019 RINA-BAE Systems Student Award was presented to Katarzyna Patryniak whose project “*Maximising Range of the Slocum Underwater Glider through Wing optimisation*” was adjudged to have been the best presented 4th Year Individual Project on the MEng Naval Architecture and Marine Engineering course at the Strathclyde University.

Also commended were Hugo Spinola Diego for his project “*Analysis of the Gate Rudder on a Catamaran*”; Jordan Curtis for his project “*An Investigation into the Aerodynamics of a Wingmast and its Subsequent Effects on Sail Performance*” and Mateusz Krajewski for his project “*Experimental Investigation of the Hull Vane Influence on the Resistance and Motion of Large Displacement Vessels*”.

The judges were Trevor Blakeley, RINA (Chief Executive); Charles Nisbet, BAE Systems Surface Ships (CSC Chief Engineer) and Julia Race, NAOME, University of Strathclyde (Head of Department).



Presenters and judges

Southampton Solent University

The 2019 RINA-BAE Systems Student Award was presented to Timothee Villian-Amirat whose project “*Design of a 54ft Offshore Racing Yacht for an Ocean Race Type Event*” was adjudged to have been the best final year project on the B.Eng (Hons)Yacht & Powercraft Design at Southampton Solent University.

The 2019 RINA-BAE Systems Student Award was presented to Aaron Paul Kagon whose project “*Preliminary Design & Production Philosophy of an 86’ Tour Vessel*” was adjudged to have been the best final year project on the BEng (Hons)Yacht & Production course at Southampton Solent University.

QUOTE FOR THE MONTH

“First rule of engineering; beware prototypes. Along with, avoid anything made by an engineer who doesn’t have all his own fingers”

Simon R. Green

RINA-KEPPEL Student Naval Architect Award

The 2019 RINA-KEPPEL Student Naval Architect Award for the best presentation of the Marine Ship Design Project in the Marine and Offshore Technology Diploma Course at Ngee Ann Polytechnic has been awarded jointly to Ong Yu Xun, and Laurette Zachary Tileron for their project “*Ship Design*”, and to Muhammad Idham Bin Husni and Pak Kai Xun for their project “*Drilling Engineering*”.

University Appointments

Dr Arun Kr Dev FRINA has been appointed as Director of Postgraduate Studies at Newcastle University in Singapore and NewRIIS, overseeing four MSc programmes including marine, MPhil and PhD programmes.

RINA – DSTG Student Award

University of New South Wales

The 2019 RINA – DSTG Student Naval Architect Award for the best thesis at the University of New South Wales was presented to Gianluca Viluce for his thesis: “*Setting Acceptance Criteria for Detailed Stress Analysis on Container Ships*”.

RINA-BMT Fleet Technology Student Naval Architect Award

Memorial University Newfoundland

The graduating class of Ocean and Naval Architectural Engineering (ONAE) students at Memorial University of Newfoundland (MUN) presented their final semester design projects on Tuesday 28 March 2019.

The ONAE Programme at MUN is very fortunate to receive support from RINA and BMT Fleet Technology Limited who

offer the RINA-BMT Marine Student Naval Architect Award annually. The award is made to the ONAE students with the best senior design project.

All of the projects and presentations were very well done and well received by the judges. This year, the honor for best project went to the project “*Aquaculture Service Vessel*” by Kate Jensen, Eugene Kelly, Martha C. Newhook, Andrew Cameron.

Lorenzo Moro

Hilary Megeney, Professional Engineer at BMT Fleet Technology Limited, present the award to the winners



Graduating class of Ocean and Naval Architectural Engineering (ONAE) students at Memorial University of Newfoundland (MUN)



MEMBERS IN THE NEWS

Fellow of the Institution receives the 2019 Seatrade Integration of Women in the Maritime Sector Award

In announcing the Integration of Women in the Maritime Sector Award, Seatrades Event Director Chris Morley said: “This evening, we celebrate the achievements of a prominent figure in the classification sector.

A Naval Architect by training with a degree in mechanical engineering, tonight’s winner is known for being a leader in ship-structure design and energy efficiency.

Her career started at a Finnish shipyard and has grown consistently passing milestones that include a PhD from UC Berkeley; time as a professor of Naval Architecture in New York; and time at an energy shipping major.

Her current classification tenure began in 2001. Since then she has established

several Technology and Structural-Rules initiatives which have contributed greatly to the safety, sustainability and technological improvement of the industry.

Always prepared to speak up on maritime industry issues, whether or not they affect the role and impact of women in shipping, her experience is that women have to work harder to get their voices heard, despite their technical accomplishments. If the industry is to integrate more women, she believes there needs to be cultural and social shift with better opportunities to balance personal life with the opportunities that shipping offers.

This brief insight into her credentials will, I’m sure, leave you in no doubt that she is a truly worthy recipient of tonight’s award. So,

it gives me great pleasure to announce that the Integration of Women in the Maritime Sector Award 2019 goes to Dr Kirsi Tikka”.

In accepting the Award, Dr Tikka said: “It is an honour to have been selected for this award, particularly during the year when IMO World Maritime Day’s theme is “Empowering Women in the Maritime Community”. Women around the world are making an important contribution to the maritime sector. During my early career I missed the sisterhood of women and I am happy to see a change. We have come a long way in the numbers and the positions women hold in our industry and I hope that one day it is no longer news, just business as usual. Today that is not the case. We need to proactively attract

women to join the maritime community. We need both women and men with new ideas and new perspectives to respond to the big challenges ahead of us.

Looking at women's role in the industry today, it is still male dominated, but only in numbers. Women are already in important positions in companies and industry organisations. Back in history, the only way women could work in Maritime was to be disguised as men. We no longer need to do that but women in my generation still often compare notes on when we felt "accepted" by our male colleagues. Younger women no longer agonise about acceptance, they belong. Having said that, there are still challenges, and the degree of challenge varies depending on the access to education girls have in their home country. The goal must be to empower all girls and women globally to take advantage of the opportunities afforded by a maritime career.

I am proud to accept this award on behalf of the women and men who



Chris Hayman MP, Kirsi Tikka, Chris Hayward, Seatrade

recognise that we need the best talent from 100% of the workforce to meet the challenges we face, and who are positive role models for the young women and men globally. For the women at sea and onshore I would like to say congratulations on the jobs well done. You make a difference."

Kirsi Tikka is Executive Vice President and Senior Maritime Advisor at ABS, responsible for aligning ABS strategic planning, client development, and product and service offerings with the industry's technical needs and requirements.

Before joining ABS in 2001, Kirsi was a professor of Naval Architecture at Webb Institute in New York. In addition to teaching, she carried out research on tanker structural strength and risk analysis, as well as active involvement in the U.S. National Research Council Marine Board studies on double hull tankers. She also worked for Chevron Shipping in San Francisco and Wärtsilä Shipyards in Finland.

Kirsi is a native of Finland and holds a doctorate degree in naval architecture and offshore engineering from the University of California, Berkeley, and a master's degree in mechanical engineering and naval architecture from the University of Technology in Helsinki. She is a Fellow of the Royal Institution of Naval Architects and past member of Council.

EILY KEARY AWARD



The Royal Institution of Naval Architects is committed to ensuring that all individuals, regardless of gender, faith or ethnicity, have equal opportunity to participate fully in all the Institution's activities. The Institution also seeks to encourage such equality of opportunity and involvement throughout the global maritime industry.

The annual **Eily Keary Award** recognises the contribution by an individual, organisation or part of an organisation to increasing equality, diversity and inclusion in their sector of the maritime industry. Such contribution may have been made by a specific activity or over a period of time. Individuals may not nominate themselves for the Award

Nominations are invited for the 2019 Eily Keary Award.

The Award will be announced at the 2020 Annual Dinner.

Nominations may be up to 750 words and should describe the contribution which the individual, company or organisation has made.

Nominations may be forwarded online at www.rina.org.uk/EilyAward

or by email to EilyKearyAward@rina.org.uk

Nominations should arrive at RINA Headquarters by 31 Jan 2020.

Queries about the Award should be forwarded to the Chief Executive at: hq@rina.org.uk

PUBLICATIONS NEWS

Significant Ships & Significant Small Ships

The following independent review, published in the Netherlands, of the 2018 editions of *Significant Ships* and *Significant Small Ships* reflects the standing which these publications enjoy throughout the global maritime industry. Such standing is due in no small part to the Editorial staff.

“These extremely well-cared for publications are published annually at the renowned Royal Institution of Naval Architects. *Significant Small Ships* is edited by Martin Conway while Richard Halfhide is responsible for *Significant Ships*. These two publications deal with container and passenger ships, tankers, tugs, work vessels, patrol boats, and ferries built by the world’s most important shipyards. Each separately contains an enormous amount of useful data and information.

I would like to repeat the concise summary about the ships in general “most

innovative and interesting commercial ship designs of last year”. Each ship is entitled to two full pages with color photos and deck plans. Furthermore, all possible data such as tonnage, dimensions, propulsion, shipyard, owner, country, flag, launch, commissioning and crew. In short, all conceivable information that both ‘professional’ and ‘ship lover’ want to know.

Significant Ships lists 37 units, going alphabetically from *Almi Atlas VLCC* (very large crude carrier) to *Yuan He Hai VLOC* (very large ore carrier). In *Significant Ships*, the *CMA CGM Antoine de Saint Exuperu* certainly stands out as the largest ship under the French flag, listing its impressive dimensions such as 400m long and 59m wide; 20,600 teu – 202,700 dwt; 217,700 GT – Crew 34 with the possibility of 6 passengers. It was built by Hyundai Heavy Industries Philippines.

Significant Small Ships list of 31 smaller

but also highly sophisticated vessels ranges from *Armand-Imbeau II* LNG ferry to *Victoria* or *Wight* hybrid ferry. This ferry is the largest of Wightlink UK on the Isle of Wight on the Solent in service since July 2018. 1,170 passengers – 38 crew – 178 cars on two decks – 89.7 x 19.4m.

The Royal Institution of Naval Architects has a worldwide reputation comparable to that of Lloyd’s, so the quality is guaranteed. *Significant Ships* and *Significant Small Ships* are an interesting asset for on board or in the bookcase.”

Mercator

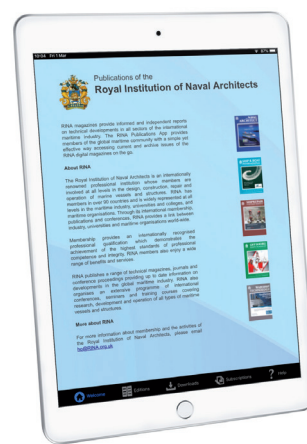
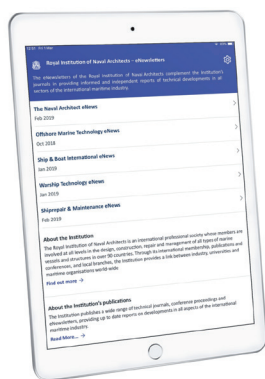
Significant Ships and *Significant Small Ships* are available in printed format or on USB at £50 for *Significant Ships* and £33.50 for *Significant Small Ships* (or £66 for both publications).

Contact Tasharna Francis at: tfrancis@rina.org.uk to order.

eNewsletters App

The Institution’s eNewsletters complement the Institution’s journals in providing informed and independent reports on technical developments in all sectors of the international maritime industry. They contain a selection of articles published in the latest issues of the journals, as well as material which did not make the journals. The eNewsletters are published by email to those who have opted to receive them.

The eNewsletters may also be downloaded and read as convenient on the free RINA eNewsletter App, containing the latest issues of all eNewsletters. The App is available from Google Playstore and the Apple Store in a simple and easily read format. Users of the App may opt to receive notification of when the App is updated with a new issue of an eNewsletter.



RINA Publications App

Members and subscribers may read the electronic versions of the Institution’s journals on their PC, or by using the free App on their tablet or smartphone, containing the latest issues of all journals. The App may be downloaded from the Apple Store or Google Playstore.

EVENTS NEWS

Design & Construction of Superyachts & Megayachts Conference

Over 60 delegates from 13 countries attended the Design & Construction of Superyachts & Megayachts Conference, held in Genoa, Italy in May. Sixteen papers were presented, ranging from “Acoustic Analysis and Measurements of Mega Yachts During Construction” to “Design for Helideck Certification”.

The printed Conference Proceedings, or USB format (Proceedings + Presentations), can be purchased by contacting publications@rina.org.uk. Price: £140 non members, £120 members.

QUOTE FOR THE MONTH

“Engineering is the art of modelling materials we do not wholly understand, into shapes we cannot precisely analyse so as to withstand forces we cannot properly assess, in such a way that the public has no reason to suspect the extent of our ignorance”,

Dr A. R. Dykes, 1946

RINA-QINETIQ Maritime Innovation Award

Innovation is key to success in all sectors of the maritime industry and such innovation will stem from the development of research carried out by engineers and scientists in universities and industry, pushing forward the boundaries of design, construction and operation of marine vessels and structures

The Maritime Innovation Award seeks to encourage such innovation by recognising outstanding scientific or technological research in the areas of hydrodynamics, propulsion, structures and material which has the potential to make a significant improvement in the design, construction and operation of marine vessels and structures

The Award is made annually to either an individual or an organisation, in any country. Nominations for the Award may be made by any member of the global maritime community, and are judged by a panel of members of the Institution and QinetiQ. The award will be announced at the Institution’s Annual Dinner.

Nominations are now invited for the 2019 Maritime Innovation Award. Individuals may not nominate themselves, although employees may nominate their company or organisation.



QINETIQ

Nominations may be up to 750 words and should describe the research and its potential contribution to improving the design, construction and operation of maritime vessels and structures.

Nominations may be forwarded online at www.rina.org.uk/maritimeinnovationaward

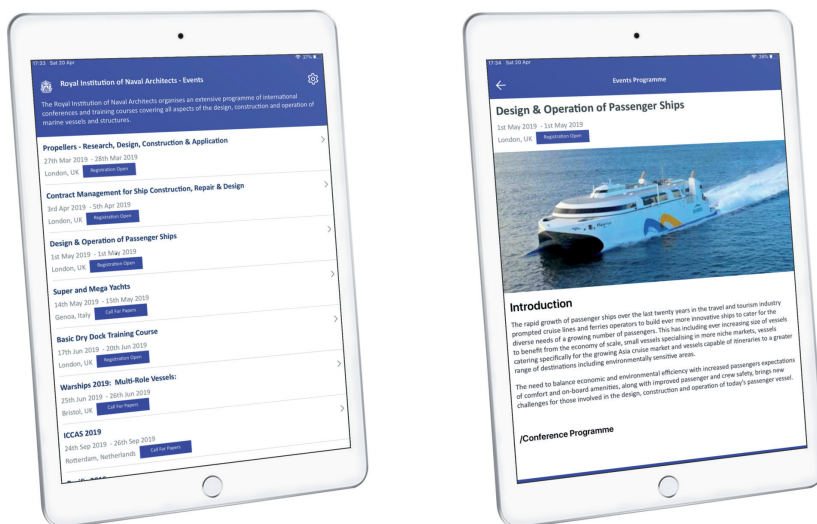
or by email to: maritimeinnovationaward@rina.org.uk

Nominations should arrive at RINA Headquarters by 31st December 2019.

Queries about the award should be forwarded to the Chief Executive at hq@rina.org.uk

RINA Events App

Full details of the RINA events programme – dates, venue, programme and papers – are published on the free RINA Events App, which may be downloaded from the Apple Store and the Google Playstore.



QUOTES 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

"The ideal engineer is a composite ... He is not a scientist, he is not a mathematician, he is not a sociologist or a writer; but he may use the knowledge and techniques of any or all of these disciplines in solving engineering problems."

N. W. Dougherty, 1955

2019 EVENTS PROGRAMME

BASIC DRY DOCK TRAINING COURSE

17 - 20 June 2019,
London, UK
www.rina.org.uk/Basic_Drydock_Course_June_2019

WARSHIP 2019: MULTI-ROLE VESSELS

25 - 26 June 2019,
Bristol, UK
www.rina.org.uk/Warship_2019

SHIP AND BERTH INTERFACES

28 June 2019,
London, UK
www.rina.org.uk/Ship_and_Berth_Interfaces

ICCAS 2019

24-26 September 2019,
Rotterdam, Netherlands
www.rina.org.uk/ICCAS_2019

PACIFIC 2019

8 - 10 October 2019,
Sydney, Australia
www.pacific2019.com.au/

WIND PROPULSION

15-16 October 2019, London, UK
www.rina.org.uk/Wind_Propulsion_2019

CONTRACT MANAGEMENT FOR SHIP CONSTRUCTION, REPAIR & DESIGN

23-25 October 2019, London, UK
www.rina.org.uk/Contract_Management_Oct_2019

MARINE INDUSTRY 4.0

5 November 2019,
Rotterdam, Netherlands
www.rina.org.uk/Marine_Industry_4_0

ICSOT INDIA 2019

7-8 November 2019,
Kharagpur, India
www.rina.org.uk/ICSOT_India_2019

ICSOT INDONESIA 2019

25-26 November 2019,
Semarang, Indonesia
www.rina.org.uk/ICSOT_Indonesia_2019

RINA AFFAIRS

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

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LETTERS TO THE EDITOR

Rebuild of 18th Century Ship

Sir: I am looking for the services of a Naval Architect to assist with the development of a project to rebuild a ship from the 18th Century.

Andrew Louw-Evans
andrewlouwevans@gmail.com

HMVS *Cerberus* & JG Wood

Sir: I am trying to track down any information on the HMVS *Cerberus*, for use on an interpretive sign at Half moon Bay, Victoria Australia.

I have some drawings of the vessel that are signed by JG Wood, ARINA, AMSNAME and would like to acquire high quality copies of the drawings and rights to use them for this purpose. Any help would be much appreciated.

Cliff Baxter
CBaxter@bayside.vic.gov.au

Vickers Shipbuilding

Sir: I wonder if you can help? As a volunteer with our local museum service I'm undertaking some research into the Vickers Experimental Model Tank in St. Alban's. This was based at the unlikely address of 222 London Road, well away from water. I know the facility opened in 1913 and closed in 1985 and I have a list of the various models that were tested during those 72 years. I wonder if you might hold any information that would add colour to this very meagre picture?

John Newton-Davies
john@newtondavies.plus.com

RINA - Lloyd's Register Maritime Safety Award

The safety of the seafarer and protection of the maritime environment begins with good design, followed by sound construction and efficient operation. Naval architects and engineers involved in the design, construction and operation of maritime vessels and structures can make a significant contribution to safety and the Royal Institution of Naval Architects, with the support of Lloyd's Register, wishes to recognise the achievement of engineers in improving safety at sea and the protection of the maritime environment. Such recognition serves to raise awareness and promote further improvements.

The Maritime Safety Award is presented annually to an individual, company or organisation that in the opinion of the Institution and Lloyd's Register, is judged to have made an outstanding contribution to the improvement of maritime safety or the protection of the maritime environment. Such contribution may have been made by a specific activity or over a period of time. Individuals may not nominate themselves. Nominations are now invited for the 2019 Maritime Safety Award.

Nominations of up to **750 words** should describe the nominee's contribution to:

- safety of life or protection of the marine environment, through novel or improved design, construction or operational procedures of ships or maritime structures
- the advancement of maritime safety through management, regulation, legislation or development of standards, codes of practice or guidance
- research, learned papers or publications in the field of maritime safety
- education, teaching or training in maritime safety issues



The closing date for nominations is
31st December 2019.

The Award will be announced at the Institution's
2020 Annual Dinner.

Nominations may be made by any member of the global maritime community and should be forwarded online at:
www.rina.org.uk/maritivesafetyaward

or by email to:
maritivesafetyaward@rina.org.uk

Queries about the Award should be forwarded to the Chief Executive at:
hq@rina.org.uk