



RINA AFFAIRS

DECEMBER 2013

The Newsletter of the Royal Institution of the Naval Architects

CHIEF EXECUTIVE'S COLUMN



By now, most members should have received their 2014 Annual Subscription Renewal Notices. For the first time, Renewal Notices have been sent by email, with posted copies only to members for whom no email address is held. This gives a significant saving in printing and postal costs, but feedback on this new arrangement would be welcome.

For members with access to a UK bank, the preferred method of payment is the Direct Debit. No further action is required by those members with Direct Debits set up. [I would strongly urge other members to consider this method of payment for future years. It ensures that payment of membership fees is not overlooked, and avoids the need for me to write to members in

June 2014, informing them that they are about to be removed from the Membership Roll for non-payment of fees, their journals having been stopped earlier. Direct Debit Mandate Forms are available from Headquarters] Members are reminded that resignations cannot be accepted from members with fees outstanding. Their membership record will show them as lapsed for non-payment of fees.

For other members, it is recommended that the facility to pay by credit card be used. Payment for all RINA conferences, publications and merchandise, as well as membership and registration fees, can be made by all major credit cards. Members may also make their payment by credit card online if there is no change to the amount shown on the Renewal Notice, using the secure link from www.rina.org.uk/Membership. Payment can also be made by bank transfer or personal cheque drawn on a GBP, Euro, A\$, NZ\$, Can\$ or US\$ account, but members should remember that the bank will make a charge for transfer and ensure that the full amount due is transferred.

I would be grateful if members would check the personal details on the Renewal Notice and inform Headquarters if there are any errors or changes. At any one time, up to 200 members' current addresses are not known, resulting in correspondence and journals being returned, and back numbers being forwarded when new addresses are notified. The additional administrative, postage and printing costs are not insignificant. A charge is also made for returning journals from outside the UK. Change of address can be notified by letter, fax, email or through the RINA Website at www.rina.org.uk/Membership. May I also ask that members inform Headquarters of their email addresses, either by email to hq@rina.org.uk or with their Annual Subscription payment details. Email is now used as the preferred method of communication with members, including the RINA News e-newsletters.

This year, members will be required to subscribe to the printed versions of *The Naval Architect*, *Warship Technology* and *Offshore Marine Technology*, or continue to only receive the digital version (with access to archived editions). This change is reflected in a lower membership fee for all members.

Members are also asked to review their standing order for journals and the Transactions (the *International Journal of Maritime Engineering* and the *International Journal of Small Craft Technology*). Members should also decide if they wish to subscribe to *Ship & Boat International* and *Ship Repair & Conversion Technology*. I would urge all members who do not already do so to consider taking these journals. They are all first-class journals and are widely acknowledged in the world maritime industry as leaders in their fields. More copies sent to members means larger circulations, which makes the journals more attractive to advertisers, which increases the Institution's income, which means lower Annual Fees!

Trevor Blakeley

IN THIS ISSUE

2014 Membership Fees

2014 Membership Fee Notices have now been forwarded. Please contact accounts@rina.org.uk if a Notice has not been received.

President's Invitation Lecture

The 2013 President's Invitation Lecture was presented by Francesco Bellusci, Managing Director of Scorpio Ship Management. View his Lecture online.

Maritime Innovation and Safety Awards

There is still time to submit nominations for the Maritime Innovation Award and Maritime Safety Award.

Branch meetings

Presentations at technical meetings of the Genoa, Pakistan and Shanghai Branches can be viewed online.

Letters to the Editor

Information is requested about John Shaw Helyer who designed the ten-ton cutter, Tammie, built in Southampton in 1898.

People in the News

The achievements of members have been recognised by the award of RINA- d'Amico and RINA - Austal Student Naval Architect Awards, and the SNAME David W. Taylor Medal

LinkedIn

The RINA group on the professional networking website now has over 9,000 members, providing a forum for members of the group to seek or provide technical information, or to discuss matters of professional interest – with no advertisements.

Designatory Letters

Does your business card show your membership of the Institution?

President's Invitation Lecture

The 2013 President's Invitation Lecture was presented by Francesco Bellusci, Managing Director of Scorpio Ship Management s.a.m., to an invited audience of over 130 representatives of the global maritime industry. The title of his Lecture was "Shipping Today – More Efficient & Cleaner".

Scorpio Ship Management is the technical arm of Scorpio Group responsible for ships in operation, new buildings and new projects. The Scorpio Group has 27 tankers at sea, approximately 100 tankers and 50 dry bulkers on order, and control of larger number of vessels through the commercial pools.

The President's Invitation Lectures are sponsored by ABS.

The presentation of the 2013 President's Invitation lecture may be viewed at the link below.

<http://www.rina.org.uk/p/1/2013PresidentsInvitationLecture.pptx>

Photos taken at the Lecture may be viewed and downloaded at: <https://www.dropbox.com/sh/tkcaqm366mn69kk/ILVux55oju>



Kirsi Tikka, ABS; Francesco Bellusci, Scorpio Ship Management; Peter French, President



Francesco Bellusci



Guests at the President's Invitation Lecture. One Whitehall Place

Letters to the Editor

John Shaw Helyer, 1857-1919

Sir; I would be grateful for any information which members might have about John Shaw Helyer, who designed the ten-ton cutter, Tammie, built in Southampton in 1898, which I now own.

Helyer was born on the Isle of Wight in 1857. He worked for a time at the Royal Dockyard, Portsmouth. He was a member of RINA in the late 19th century.

Helyer was also an architect who designed buildings, practising in Bournemouth for a time. Soon after 1900 he and his wife moved to Vancouver. Here he seems to have been very successful, obtaining some major public buildings commissions including the famous Dominion Trust Building [1908–10]. His son Maurice joined the practice in 1910.

J S Helyer designed Tammie for George R Ratsey of the famous Cowes sailmakers. She was built by Field and Co at Itchen Ferry, Southampton. Tammie later belonged to the celebrated yacht designer Charles Nicholson and was sailed regularly until about ten years ago. Under her new owner Tammie is being overhauled to sail again. She is on the National Maritime Museum's small boat register under number 2370.

Nicholas Hall
aghada_hall@yahoo.co.uk

Marintec China 2013, Shanghai

The Institution's stand at the Marintec China 2013 Maritime Show provided an opportunity for members and others in the global maritime industry to meet Trevor Blakeley, Chief Executive, and Mark Staunton-Lambert, Technical Director, and learn more about the Institution's activities, including membership, publications and conferences.

Whilst in Shanghai, the Chief Executive signed the renewed Agreement of Co-operation with the Shanghai Society of Naval Architects and Ocean Engineers. He also attended a technical meeting of the Shanghai Branch.



RINA stand at Marintec China 2013

Linkedin

- Shipping Today – More Efficient & Cleaner
 - Tanker Safety
 - Design & Operation of Fuel Efficient Ships
 - Hydrostatics & Stability
 - Stiffened plate strength evaluation
 - Fluid Wellstream/Oil Disposal for offshore Under Balanced drilling
 - ISM Code
 - Container securing
 - Hull coatings and their effect on efficiency
 - Welding of deck plate to side plate
- Just some of the topics discussed recently by the members – approaching 9,000 – of the RINA group on the online professional networking site LinkedIn. The group

provides a forum for members of the group to seek or provide technical information, or to discuss matters of professional interest. The group has a no advertising policy.

To join the LinkedIn group, go to: <http://www.linkedin.com/groups?motPopular=&gid=3077992> or follow the link from the RINA website home page at www.rina.org.uk

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 Royal Institution of Naval Architects – QinetiQ 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 (tbc).

Nominations are now invited for the 2013 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 **31 December 2013**
- Queries about the award should be forwarded to the Chief Executive at hq@rina.org.uk

People in the News

RINA – d’Amico Student Naval Architect Award

The 2013 RINA – d’Amico Student Naval Architect Award at Genoa University was presented to Raphael Zaccone for his thesis “Monitoring of a Gas Turbine Ship Propulsion System by Means of Simulation and Metamodeling Techniques”. The Award was presented by RINA chief Executive, Trevor Blakeley.

Following the Award ceremony, a presentation was given by Jan O. de Kat, Director of Energy Efficiency at ABS on “The Design and Operation of Fuel Efficient Ships”. The presentation may be viewed at: www.rina.org.uk/p/1/DesignOperationofFuelEfficientShips.pdf

Fellow of RINA awarded SNAME Medal

Professor Jeom Paik FRINA, Pusan National University, has been awarded the Society of Naval Architects and Marine Engineer’ 2013 David W. Taylor Medal for his “Notable Achievement in Naval Architecture and/or Marine Engineering”

RINA – Austal Student Naval Architect Award

At the University of New South Wales annual undergraduate thesis conference, the following presentations by naval architecture students were made:

- Bradley Abdilla : First-principles-based concept-level structural mass estimating for surface ships
- Li Chen: Investigation of T.S.S. Bermagui
- Georgia McLinden : Swimming Techniques and Flow Control of Seals
- Thomas van Peteghem: Another Way to Fight Industrial Fishing in Developing Countries

The RINA – Austal Student Naval Architect Award for the best presentation at the conference, assessed on the basis of marks awarded by School staff, was presented to Georgia McLinden.

UK National Women in Engineering Day 2014

23 June 2014 will see the launch of National Women in Engineering Day – the first event of its kind in the UK-aimed at raising the profile and celebrating the achievements of women in engineering, and encouraging more girls to consider engineering as a career.

Currently less than 10% of the UK engineering workforce are women, and with a large skills gap in the sector looming, and the additional need for a more diverse engineering workforce, it has never been more important to encourage girls to choose a career in engineering.

Details are at www.wes.org.uk

RINA - Lloyd’s Register Maritime Safety Award

The Institution believes that the safety of both the seafarer and the maritime environment begins with good design, followed by sound construction and efficient operation. Whilst naval architects and other engineers’ involved in the design, construction and operation of maritime vessels and structures do not have a patent on such issues, nonetheless their work can make a significant contribution.

The Institution also believes that it has a role to play in recognising 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 by the Institution, in association with Lloyd’s Register, to an individual, company or organisation which has made a significant technological contribution to improving maritime safety or the protection of the maritime environment. Such contribution can have been made either by a specific activity or over a period of time. Nominations may be made by any member of the global maritime community, and are judged by a panel of members of the Institution and Lloyd’s Register. The Award will be announced at the Institution’s Annual Dinner.

Nominations are now invited for the 2013 Maritime Safety Award. Individuals may not nominate themselves, although employees may nominate their company or organisation.



Nominations may be up to 750 words and should describe the technological contribution which the individual, company or organisation has made in the field of design, construction and operation of maritime vessels and structures.

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

or by email to MaritimeSafetyAward@rina.org.uk

Nominations should arrive at RINA Headquarters by 30 January 2014

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

Branch and Division news

Shanghai Branch

Members of the Shanghai Branch and other members of the maritime community in Shanghai attended a Technical Meeting on 3 December 2013, at which D Wijendra, Manager Ship Emergency Response Service, Lloyd's Register, gave a very interesting presentation on "The Ship Emergency Response Service 1982 – 2013".

Established more than 30 years ago, the Ship Emergency Response Service (SERS) is the largest and most experienced emergency response service, supporting 500 plus clients around the world covering more than 3100 vessels. The SERS procedures and format were first developed in the mid 1980s, prior to any legislation or industry requirements and continues to be refined as part of LR's continuing support to the industry.

In his presentation, Mr Peiris described the SERS system and the evolution of emergency response requirements and legislation, illustrated the experience gained over the past 30 years, and outlined some thoughts for the future.

The presentation (pdf file) may be viewed at:

<http://www.rina.org.uk/p/1/SERS%20Presentation.pdf>

MARITIME SERVICES DIRECTORY

Do you or your company provide services or products to the public or the maritime industry? If so, promote yourself or your company by an entry in the online Maritime Services Directory.

Members will be aware that there are many online directories which list companies that provide services to the public or the maritime industry. Most of these directories seek quantity rather than quality of entries, and obtain their revenue through advertising rather than subscription.

Members of the Institution have, through their membership, demonstrated their achievement of internationally recognised standards of professional competence and integrity. Their membership is therefore an advertisement for the quality of the service or product which they or their company offers.

The Institution's Maritime Services Directory restricts entries to companies which employ or are owned by members of the Institution. Entries are listed by category and may be searched by category or by country. The Maritime Services Directory will be promoted in the institution's journals and all queries to Headquarters for members' services will be referred to the Directory.

All members are eligible for a free standard entry to the Maritime Services Directory. Applications for an entry to the Directory should be made online at www.rina.org.uk/MaritimeServicesDirectory.

Pakistan Joint Branch

At a recent meeting of the Pakistan Joint Branch in collaboration with Institution of Engineers Pakistan Association, Engr. Syed Muhammad Ali, Chief Executive Officer, Engro Powergen Qadirpur Limited, gave a presentation "The Energy Scenario of Pakistan".

Rana M A Iqbal



Members of the Pakistan Joint Branch

New South Wales Section

Elliot Thompson of the Department of Defence gave a presentation on Application of the IMO's Energy Efficiency Design Index (EEDI) to Royal Australian Navy Vessels to a joint meeting with the IMarEST attended by 29 on 4 September in the Harricks Auditorium at Engineers Australia, Chatswood.

Richard Stanning, Consultant, gave a presentation on "James Cameron's Deepsea Challenger — the Buoyancy that Brought Him Back" to a joint meeting with the IMarEST attended by 48 on 2 October in the Harricks Auditorium at Engineers Australia, Chatswood. This was the second-highest attendance of the 68 meetings held since Engineers Australia moved to Chatswood in June 2006.

Phil Helmore

Corporate Partners

Does your company or organisation, be it large or small:

- help and encourage its naval architects and engineers to achieve professional recognition through membership of RINA or other professional society.
- assist its naval architects and engineers to achieve the standards of professional development and responsible experience required for Corporate membership of RINA or other professional society.
- require and assist its naval architects and engineers to continue their professional development.

If so, your company or organisation may be eligible to become a Corporate Partner of the Royal Institution of Naval Architects and enjoy the following benefits:

- The right to show this “corporate professional qualification”, including the RINA Corporate Partner logo, on company literature, thereby providing an internationally recognised demonstration of the professional quality of the company’s employees and its commitment to maintaining that quality.
- Advice on the development on Company Professional Development Schemes and free accreditation of Schemes.
- A discount on RINA international conferences and training courses attended by all employees of the company or organisation, giving them the opportunity to network with other professionals in the global maritime industry.
- Use of the Institution’s headquarters facilities at preferential rates, including the meeting rooms, lecture theatre, conference facilities and library.

- Complementary copies of the Institution’s leading technical journals, and a discount on the purchase of other RINA publications.
- Listing on the Corporate Partners page of the Institution’s website with a link to the company’s website.
- ‘Welcome’ advertisement in journal of choice. Other PR and promotional opportunities through RINA conferences and publications.
- Opportunity to present technical papers at RINA conferences or publish them in technical journals.
- Discount on exhibition stands and sponsorship at RINA conferences.
- Access to national branch meetings, giving opportunity to meet with professionals in the local maritime industry.
- Complementary invitations to the Annual Dinner and President’s Invitation Lecture.

In addition to these benefits, Corporate Partner membership of the Royal Institution of Naval Architects will enhance the reputation and image of a company with its customers and the industry generally. Also, both prospective and existing employees will value more highly an employer who is committed to the high professional standards and personal development demonstrated by Corporate Partner membership, thereby benefiting both recruitment and retention.

Further information on becoming a Corporate Partner may be obtained from the RINA website at www.rina.org/corporatepartners, including a list of those companies who have already become Corporate Partners, or from the Chief Executive at hq@rina.org.uk or tel: +44 (0)20 72354622.

Designatory Letters

Members may signify their membership of the Institution by the letters FRINA, MRINA, AMRINA or AssocRINA after their names. In doing so, they demonstrate that they have achieved or are working to achieve the high standards of professional competence demanded by the requirements for membership, and which are recognised as such by the international maritime industry. By doing so, they also demonstrate their commitment to maintaining those standards through their continuing professional development, and their acceptance of the Institution’s Code of Conduct. Membership of the Institution does not come easily and is surely an achievement to be proud of.

However, when meeting members, I am surprised how many do not demonstrate their achievement by displaying the appropriate letters on correspondence and business cards. This also serves to promote the Institution. May I therefore invite such members when next having stationary or business cards printed to ensure that their membership of the Royal Institution of Naval Architects is proudly displayed.

Chief Executive

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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