



RINA AFFAIRS

NOVEMBER/DECEMBER 2018

The Newsletter of the Royal Institution of Naval Architects

CHIEF EXECUTIVE'S COLUMN



In 2017, the Board initiated a Strategic Review of the Objectives of the Institution in 2050, and actions needed to achieve them. Phase 1 of the Review consisted of a Membership Survey to seek members' views on what the Objectives and activities of the Institution in 2050 should be. The Survey showed a high level of satisfaction with the role and activities of Institution. 94% of members who completed the Survey considered that the current Objectives were correct and would continue to be relevant for the foreseeable future. In Phase 2 of the Review, four Working Groups were formed to review the means by which these Objectives were currently achieved, and to determine what changes would be needed to

reflect the changes in the maritime industry and the professional needs of the members over the next 30 years. The first two Phases of the Review are reported in more detail in this issue of RINA Affairs.

Recommendations by the Working Groups have now been presented to the Board who will determine during Phase 3 of the Review what actions are required to implement these recommendations. Phase 3 will be completed early next year. However, the Board has already accepted the recommendation that the election and composition of the Council of the Institution should be changed to become more representative of the geographic location of the membership.

With members in over 90 countries and 70% of the membership located outside the UK where it was formed, the Institution today is truly an international professional society, as befits an organisation whose members work in an international industry. That internationalism is reflected in all its activities, and in its Branches and Committees. However, the balance of the membership of the Council has historically not fully reflected this internationalism of the membership. The Board, which has responsibility for the overall governance of the Institution, has therefore determined that members of Council should be nominated and elected by the members, in proportion to the number of members in the country, grouped into five global Regions. Vice Presidents will be appointed from members of Council to each Region, responsible for representing the Institution and the views of members in the Region.

These changes to Council will be put to the members in a Resolution at a Special General Meeting in April 2019. If approved by the members, the necessary amendments to the By Laws will be made. The change to the composition of Council will then progressively take effect from the 2020 elections. Details of the Resolution and amendments will be published in the January/February 2019 issue of RINA Affairs.

This is a significant change to the Institution which will enable all its members to become more fully engaged with and take greater ownership of their Institution, encouraging the continuing growth of its membership and activity in their country.

Trevor Blakeley

IN THIS ISSUE

Chief Executive's Column

In his Column, the Chief Executive reports on the next Phase of the Strategic Review of the Institution. He expresses the view that the changes being proposed will enable all members to become more fully engaged with and take greater ownership of their Institution, encouraging the continuing growth of its membership and activity in their country.

Strategic Review

As Phase 2 of the Review and the Final Reports of the Working Groups are received, the Board will commence its consideration of the changes recommended by the Working Groups.

eNewsletter App

The Institution's eNewsletters may now also be read on smartphone and tablets through the new eNewsletter App.

Conference News

Papers presented at recent international conferences in India and Greece are reviewed.

Branch and Section News

Branch and Section activities in Australia, Singapore, UAE and the UK are reported.

University News

The Institution congratulates those students at universities in France, Australia and the UK whose achievements have been recognised by Student Awards.

Library Additions

Recent additions to the Denny Library include "Reflections on Power Prediction Modelling of Conventional High-Speed Craft" by Dejan Radojčić.

Thoughts for the Month

Some "maritime" words of wisdom.

STRATEGIC REVIEW 2050 – REPORT TO MEMBERS

In 2017, the Board initiated a Strategic Review of the Objectives of the Institution in 2050, and actions needed to achieve them.

PHASE 1 – MEMBERSHIP SURVEY

Phase 1 of the Strategic Review consisted of a Membership Survey to seek members' views on what the Objectives and activities of the Institution in 2050 should be.

The Membership Survey, which was completed in late 2017, showed a high level of satisfaction with the role and activities of Institution. 94% of members who completed the Survey considered that the current Objectives were correct and would continue to be relevant for the foreseeable future, ie:

- Setting standards of professional competence and integrity.
- Encouraging membership at all levels.
- Enabling the exchange of technical information.
- Contributing its collective expertise to the benefit of society.

The Board therefore accepted that these will be the continuing Objectives of the Institution for the next 30 years.

However, the Survey also confirmed the need to review the means by which these Objectives would be achieved and what changes would be needed to reflect the changes in the maritime industry and the professional needs of the members.

PHASE 2 - WORKING GROUPS

Phase 2 of the Strategic Review has been carried out by a number of Working Groups, comprising members of Council and other members of the Institution, with each addressing a specific Objective. Each Working Group was tasked with identifying how the Objective is achieved today and what changes would be required to continue achieving the Objective in 2050.

Working Group 1

Objective: Setting of internationally recognised and accepted standards of professional competence and integrity required for membership.

WG1 Was tasked with:

- Considering the membership structure, standards and requirements, to ensure they reflect changes in the future industry, the employment of members and the needs of their employers.
- Examining how the benefits of membership of employees can achieve greater recognition and support, including financial, by employers.

Working Group 2

Objective: Encouraging membership of the Institution at all levels.

WG2 was tasked with determining how to:

- Improve inclusivity and diversity of the membership to reflect the future demographics.
- Create an open, welcoming and outward looking face to all possible stakeholders in order to increase RINA's traction across the sector.

- Improve communication between members and the Institution to ensure that the changing needs of members are recognised and met.
- Further promote the benefits of membership to potential individual and company members.

Working Group 3

Objective: Enabling of the exchange of technical information through the Institution's publications, conferences and local meetings, which are open to all those involved in the design, construction, maintenance and operation of marine vessels and structures.

WG3 was tasked with:

- Reviewing the scope, structure and delivery of conferences and publications.
- Reviewing the means by which information is disseminated – printed, digital, online etc. – to ensure it best meets the future needs and expectations of the members.

Working Group 4

Objective: Contributing its collective expertise to national and international maritime organisations for the benefit of the profession and society.

WG4 was tasked with:

- Reviewing the structure of the Institution – Board, Council, Divisions and Branches/Sections – to ensure it reflects the membership and best meets the professional needs of the members.
- Reviewing the Institution's the relationships with other organisations and authorities.

The Working Groups have been progressing their work over the course of the year and will present their findings and recommendations to the Board by the end of the year. The Board will present their work and its consideration of proposed actions to the members early in 2019. Any fundamental changes to the governance and activities of the Institution will be put to the members for their endorsement at a Special General Meeting.

THOUGHT FOR THE MONTH

No man will be a sailor who has contrivance enough to get himself into jail; for being in a ship is being in a jail, with the chance of being drowned ... A man in jail has more room, better food, and commonly better company.

Samuel Johnson, 1759

CONFERENCE NEWS

MARHY 2018

Over 30 papers were presented at the International Conference on Computational and Experimental Marine Hydrodynamics 2018 (MARHY 2018), held in Chennai, India and jointly organised by the Royal Institution of Naval Architects, and the Department of Ocean Engineering, Indian Institution of Technology Madras. The Conference was sponsored by the Naval Research Division. The Conference was attended by RINA Chief Executive Mr Trevor Blakeley.

The full papers presented at MARHY 2018 may be read at <https://www.dropbox.com/sh/21julclwu3ot7jd/AAAwPpMgIrUkHrUFmT4hQ0rFa?dl=0>

RINA Chief Executive, members of the RINA Chennai Branch and members of IIT Madras at the Conference opening



LNG/LPG Conference

Athens – 5 December 2018

Nine Papers were presented at the Design, Construction & Operation of LNG/LPD Ships, organised jointly by the Institution and the Hellenic Institute of Maritime Technology.

Introduction by the Chief Executive

“The global maritime industry faces many challenges at this time, including the demand by society that it be more sensitive to environment, particularly in the reduction of emissions. The use of LNG and LPG fuels is making an important contribution to responding to this challenge, as well as providing financial and operational benefits.

The movement of liquefied gas by sea has been well established. LNG accounts for a significant part of the growth in the global energy supply and the future demand for LNG/LPG carriers, floating storage, and processing systems is expected to increase. While some companies are building larger, or faster, vessels to take advantage of economies of scale, others are looking at developing small vessels for shortsea and coastal trades to help create LNG distribution networks. There is also an increasing interest in floating production, storage and offloading systems for offshore field development and re-gasification systems and plants designed to avoid the need to construct land based processing and distribution centres.

The 2018 International Conference on the Design, Construction and Operation of LNG/LPG Vessels provides the opportunity for members of the global LNG/LPG sector of

the industry to meet and exchange information on technical and operational developments in this important sector of the maritime industry.

It is the role of the Royal Institution of Naval Architects and the Hellenic Institute of Marine Technology as professional societies to promote and facilitate the exchange of information on developments throughout the maritime industry, through their activities such as conferences. Such exchange of information and knowledge is essential to the success of the maritime industry.”

This being the first joint conference, the Proceedings are published with open access, and may be viewed at: https://www.dropbox.com/sh/1dtt2o4z86vdl5/AADKf3s_B2Bg9Y7MXKRs-USA?dl=0

THOUGHT FOR THE MONTH

Ships that pass in the night and speak to each other in passing;
Only a signal shown and a distant voice in the darkness;
So on the ocean of life we pass and speak one another,
Only a look and a voice; then darkness again and a silence.

Henry Wadsworth Longfellow, 1807-1882

NEWS FROM THE DIVISIONS, BRANCHES AND SECTIONS

Singapore Joint Branch

Lifetime Achievement Awards

The Singapore Joint Branch has introduced Lifetime Achievement Awards to honour and celebrate the achievement and special qualities of members of the Joint Branch, who have played an active role in the growth of Singapore's Maritime industry, or have contributed to the operation and growth of the Singapore Joint Branch, or who have inspired and nurtured the next generations of talent in the Singapore Maritime Industry.

The 2018 Lifetime Achievement Awards were presented at the Annual Dinner by the Chief Guest Commodore Robert Dorey, President of IMarEST, to **Anthony Richardson**, FRINA, FIMarEST, **Charles Foo**, FRINA, FIMarEST, **Choo Chiau Beng**, FRINA, FIMarEST and **Tan Kim Pong**, FRINA.

Anthony Richardson, FRINA, FIMarEST

Mr Anthony Richardson started off as an apprentice in the Shipbuilding industry in 1955 with Cook Welton & Gemmell, Beverley (UK). Throughout his 63 years of maritime career, he held various appointments and positions in local and overseas maritime and offshore companies.

Bringing along a vast maritime experience, he joined Shiptech Pte Ltd as Managing Director from 1976 until present. He is responsible for Shiptech's operations in South East Asia.

Charles Foo, FRINA, FIMarEST

Mr Charles Foo started as an engineering apprentice in SHB Dockyard (Now Keppel Shipyard) in 1959. He was awarded the First Class Steam and Motor and extra First Class Steam and Motor in the years 1970 and 1972 respectively.

He served in Lloyd's Register for the next 28 years, with his last appointment as Senior Principal Surveyor and Chief

Representative in China. Mr Foo was invited by Keppel to oversee the merger of Keppel Shipyard and Hitachi Zosen in 1998; after which, he was appointed as the Managing Director of KHZ. He took semi-retirement from Keppel in 2010 and became fully retired at the end of 2016.

Mr Foo was the Chairman of IMarE (Singapore Branch). He also delivered the 2003 RINA President's Invitation Lecture in London.

Choo Chiau Beng, FRINA, FIMarEST

Mr Choo Chiau Beng was Chief Executive Officer of Keppel Corporation from 1 January 2009 to 31 December 2013. Before that, he was CEO of Keppel FELS from 1983 to 2002 and Chairman and CEO of Keppel Offshore and Marine from 2002 to 2008. Starting his career as a Shiprepair Management Trainee in November 1971, he rose through various positions and was closely involved with Keppel's establishment as a major player in the offshore industry, and setting up of Keppel shipyards in the Philippines, Gulf of Mexico, Azerbaijan and Brazil.

Mr Choo is a graduate of the University of Newcastle upon Tyne, gaining first class honours, BSc Naval Architecture in 1970 and a MSc, Naval Architecture in 1971. He attended the programme for Management Development in Harvard Business School, and is member of Wharton Society of Fellows, University of Pennsylvania. In 2009, he was conferred Doctors of Civil Law by the University of Newcastle upon Tyne.

He is an honorary Fellow of the Institute of Marine Engineering Science and Technology (IMarEST), and a Fellow of the Royal Institution of Naval Architects.

Tan Kim Pong, FRINA

Mr Tan Kim Pong started his career as a trainee hull/naval architect with Vosper

Thornycroft, working the next 10 years with JP Roed and Partners as a consultant naval architect, which expanded his horizons in shipping to Korea and Italy, before he joined Scandia Essar Pte Ltd as a technical manager from 1983 to 1985. He then worked for the next 28 years, until his retirement age, at Ngee Ann Polytechnic as a lecturer, Head of Department of Shipbuilding and Offshore Engineering (later renamed Marine and Offshore Technology) and Director of Centre of Innovation for Marine and Offshore Technology. After his retirement, he worked as a full-time consultant at Keppel offshore Marine Technology Centre Pte Ltd from February 2013 to December 2017.

Mr Tan is a past Chairman of the Joint Branch RINA/IMarEST (Singapore) (2011/2013). He is also a Fellow of RINA and Chartered Engineer (UK).

Congratulations from the Institution

The following message was sent to the Joint Branch by the Chief Executive on behalf of the Institution:

"On behalf of the Royal Institution of Naval Architects, I have pleasure in forwarding its congratulations to the Institute of Marine Engineering, Science and Technology on this occasion of the 60th anniversary of the formation of the Institute of Marine Engineering Branch in Singapore, later to become the Joint Branch of the Institute and the Institution. During this time, the Institute has successfully sought to promote the highest standards of professional competence and integrity by its members, through its presence and activities in Singapore. Such activities have gained the Institute the respect and gratitude of the maritime community in Singapore.

For many members of both Institute and Institution, one of the greatest benefits

of membership is the opportunity to meet other maritime professionals at local technical meetings and other activities. However, such opportunities only exist because of the work of Branch and Joint Branch Committees, and I would like to thank and pay tribute to the members of Branch and Joint Branch Committees

who, over the past 60 years, have given willingly and freely of their time to serve on the Committees.

Looking to the future, the Royal Institution of Naval Architects will continue to work with the Institute of Marine Engineering, Science and Technology in fulfilling their shared traditional role of

meeting the professional needs of members in Singapore, maintaining that tradition set 60 years ago.”

Photos taken at the Annual Dinner may be viewed at: https://www.dropbox.com/sh/gfiteqf6uhs7dno/AACUVN86Ccr6knt4LaSZM_Dsa?dl=0

New South Wales Section

Daniel Bellagamba, Account Manager Australia East Coast and New Zealand with Wärtsilä Australia, gave a presentation on Environmental Solutions for Ships to a joint meeting with the IMarEST attended by 24 on 5 September in the Harricks Auditorium at Engineers Australia, Chatswood.

Warren Miller, Senior Design Engineer with Composites Consulting Group (a Diab Group company), gave a presentation on the Wild Oats XI Bow Extension Project to a joint meeting with the IMarEST attended by 19 on 3 October in the auditorium at the Royal Prince Edward Yacht Club, Point Piper.

Phil Helmore

UAE Branch

The UAE Branch together with Seatrade Maritime organised a Panel Discussion on the topic, “Decommissioning of Offshore Platforms” on Tuesday 30 October, along with Seatrade Maritime Middle East 2018.

Four eminent panelists and subject matter experts participated in the discussion which was moderated by RINA UAE Chairman, Ashik Subahani. Short 10-minute presentations were made by each panelist prior to panel discussion.

Steve Gilbert, Global director of Asset Management & Decommissioning, Lloyd’s Register Group started the discussion and spoke about Ageing O&G Infrastructure: The Decommissioning Question? and touched upon the complex challenge of decommissioning and the status of industry preparedness.

Richard Richards, Offshore Installation Manager, Subsea Middle East & India, TechnipFMC was the next speaker and



presented ‘Decommissioning Options for Platform Removal’. Mr Richards spoke about options available for platform decommissioning and removal that exist in the market today and how platforms can be decommissioned and removed safely and cost effectively.

Panelists and UAE Branch Chairman, Ashik Subahani



Delegates at the Panel Discussion



The next speaker, Soo Chang, Executive Director of Oceanus Offshore Sector for ADNOC's Arzanah Decommissioning Project presented 'Arzanah Oil Field Decommissioning Campaign' and shared the experience during preparation, engineering and construction phase for Arzanah Oil Field Decommissioning Campaign, Abu Dhabi.

Surendranath Dhanekula, Managing Director, Trans Asia Pipe Line Services completed the lineup of panelists and spoke about 'Pipeline Decommissioning' and spoke about selection of decommissioning technique and techniques available for decommissioning of subsea pipelines ranging from preservation for potential future use to

complete recovery to surface or leaving in-situ.

The programme was well attended by more than 100 delegates.

Photos taken at the Discussion may be viewed at: <https://www.dropbox.com/sh/xq6g8kfnasgcjlu/AACVaXy6W8Y2hmv8UiRNq6Jya?dl=0>

“Jack ups for Decommissioning?”

At a recent meeting of the UAE Branch, Mr Ashik Subahani CEng, FRINA, FSNAME, MIIMS, Managing Director, Great Waters Maritime LLC, gave a presentation entitled 'Jack ups for Decommissioning?'

In his presentation, he stated that 40,000 offshore platforms around the globe:

- vary from simple vertical caissons supporting one well in 10 feet of water to a huge structure in 1,700 feet of water or TLP's (Tension Leg Platforms) in approx. 3,500 feet of water depth;
- approximately one-fourth of these platforms are more than 40 years old – 1960s; and
- as these structures come to the end of their economic lives, they must be decommissioned.

His presentation went on to describe the abandonment of offshore platforms.

The Presentation may be viewed at:

<https://www.dropbox.com/s/24qgnp5y0avntz4/A%20Subahani%20-%20Jackups%20for%20Decommissioning%20-%202018.pdf?dl=0>

London Branch

At a recent meeting, Jonathan Strachan, CEng MRINA, Director – Ship Design and Engineering, and Chris Bell, AMRINA, Naval Architect, Houlder Ltd. gave a presentation on “RRS Sir David Attenborough: A New Polar Research Vessel for Britain”.

The two existing ships operated by the

British Antarctic Survey, the RRS *Ernest Shackleton* and the RRS *James Clark Ross*, are both approaching the end of their useful life. To meet the capability gap and keep Britain and the leading edge of polar science the Government made a £200 million investment for a state-of-the-art new vessel, the RRS *Sir David*

Attenborough. The vessel is now being built by Cammell Laird in Birkenhead yard and is due for delivery in 2019.

Presented by the Owner's onsite technical advisors, the talk described the development of the vessel requirement, some of the key features of its design and give an insight into construction progress to date.

PRESIDENT'S INVITATION LECTURE

Pioneering Ethane Conversion

Navigator *Aurora*, the world's first ethane fuel conversion, was the subject of the 2018 President's Invitation Lecture, presented by Paul Flaherty, Director, Fleet & Technical Operations at Navigator Gas who described the pioneering work on the *Navigator Aurora*, which was the world's first conversion of a slow-speed marine diesel engine to operate on Ethane as a fuel.

The Lecture was held at One Whitehall Place and attended by 90 guests. The Lecture was again sponsored by ABS, to whom the Institution is grateful for its continuing support of the Lecture.

The presentation may be viewed at:

<https://www.dropbox.com/sh/2genlryl052a02z/AADMpFJdeVYwYr9UIs9eTTIwa?dl=0>

UNIVERSITY NEWS

RINA – BAE Systems Student Award

The 2018 RINA – BAE Systems Award for the best project on the MSc (Naval Architecture) Course at University College London was presented to LCdr Mark L. P. Bartek, RCN for his project

‘The Effects of Electromagnetic and Energy Weapons on Warship Survivability Design’. Highly Commended for their projects were LCdr James “Jimmy” C.F. Lau, RCN (Conceptual Retrofit Design of

Fins for VICTORIA/UPHOLDER Class Submarines) and Morgan Harmer (Strategic Corvette – Adjustable Role (SK-AR), A Library Based Exploration of the Corvette Design Space).

RINA – DST Group Student Award

The 2018 RINA – DST Group Student Award for the best thesis at UNSW was awarded to Patrick Doherty for his presentation on ‘Parametric Analysis of Ice-breaker Bow Geometry’. His thesis was presented at the undergraduate Thesis Conference.

Other thesis presented at the Conference were by Billy Gosper (Fashion or Function: A VPP Investigation of Yacht Bow Geometries); Patrick McManus (Validation Study of Blohm+Voss Type S Fin Stabiliser); Seyit Sarioglu (CFD Analysis of Ship Squat) and Yun Wang (Analysis of the Naples Warped Hard Chine Hull Systematic Series).

RINA – Bureau

Veritas Student Award

The 2018 RINA – BV Student Award for the best thesis at ENSTA Paris Tech was presented to Mr Pavel DEDEEV for his thesis “Dimensioning and optimization of floating offshore structures subjected to drift ice and iceberg impact”.

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 2018 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 2018**.

The Award will be announced at the Institution's 2019 Annual Dinner.

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

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

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

PUBLICATIONS NEWS

New eNewsletter App launched

**The Naval Architect eNews
Shiprepair & Maintenance eNews
Ship & Boat International eNews
Warship Technology eNews
Offshore Marine Technology eNews**

published by email to those who have opted to receive them.

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

The Institution publishes a range of free eNewsletters. These 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



PRE-PUBLICATION OFFER

Significant Ships of 2018

The 29th issue of Significant Ships is now available to order, and features approximately 50 of the most innovative and important commercial designs delivered during the year by shipyards worldwide. Following the successful format of previous editions, Significant Ships of 2018 includes a cross-section of ship types, with each vessel being either representative of its type or singularly significant. Each ship description comprises of a concise technical description, extensive tabular principal particulars, including major equipment suppliers, detailed general arrangement plans and a colour ship photograph.

Pre-Publication Price - £40 (RINA Members £35) Available in Printed or USB format
Ref: SIGS18PP

Significant Small Ships of 2018

Now in its 21st year of publication, Significant Small Ships contains approximately 28 new vessels, each being singularly significant or the first in a series and includes - fast ferries and passenger vessels, tugs and workboats, fishing, and offshore patrol etc. This is a mixed but fascinating selection of small craft, all between 15m and 100m in length.

Pre-Publication Price - £27 (RINA Member £23) Available in Printed or USB format
Ref: SSC18PP

Significant Ships of 2018 + Significant Small Ships of 2018

One copy each of Significant Ships of 2018 and Significant Small Ships of 2018 can be ordered as a set.

Pre-Publication Price £53 (RINA Member £46)

Note - All of the above publications are available in Printed or USB format

To order any of the above publications:

Tel: + 44 (0)20 7235 4622; Fax + 44 (0)20 7259 5912; email: publications@rina.org.uk
or visit the publications webpage: <https://www.rina.org.uk/sigships.html>

Offer ends 31 January 2019

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.



LIBRARY ADDITIONS

Recent additions to the Denny Library include "Reflections on Power Prediction Modelling of Conventional High-Speed Craft" by Dejan Radojčić

Seahorse Journalist Awards

The annual Seahorse Club Journalist Awards were held on 4 December at the Glaziers Hall in London.

This year, RINA staff member, Editorial Assistant Joseph Stewart was awarded two prizes in the categories for:

**Newcomer of the Year
Award for Journalism on Innovation**

Joseph won in the Innovation category for his article "Wind propulsion gathers momentum as installations prove successful" – an overview of progress with wind propulsion technologies. The article was published in the June 2018 issue of *The Naval Architect*.

The article is available to view online:
https://www.rina.org.uk/Wind_propulsion_gathers_momentum_as_installations_prove_successful.html

RINA's Joseph Stewart collects his awards at the Seahorse Club Awards 2018



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 2018 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 2018.

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

SECRETARIAT NEWS

New appointment

Karl Monk has been appointed as the Technical Director & Publisher of the Institution, following the retirement of Mark Staunton-Lambert.

THOUGHT FOR THE MONTH

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

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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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.