



RINA AFFAIRS

MAY 2015

The Newsletter of the Royal Institution of the Naval Architects

CHIEF EXECUTIVE'S COLUMN



In his Report to members at the 2015 Annual General Meeting, the President spoke of how he had had the opportunity to meet with both members of the Institution and others in the global maritime industry, and how he had been impressed by the standing and respect which the Institution enjoys throughout the international maritime industry. He described the activities and achievements in what has been an eventful year for the Institution. The President's Report is published in this issue of RINA Affairs.

This was his first Report, both as the President, and as Chairman of the Board of Trustees, formed as the governing body of the Institution following the Resolution adopted at the 2013 Annual General Meeting. The Board of Trustees is now in its second year as the Institution's governing body, and during that time has completed its review of the Institution's policy with regard to such key matters as its investments and risk management. As a smaller body of 12 members of Council, it is better able to focus on governance matters, and ensuring the proper management of the Institution in accordance with the requirements of the UK Charity Commission. The Institution's status as a registered charity provides significant benefits, particularly financial.

The formation of the Board of Trustees has allowed the larger Council to concentrate on the professional, technical and learned society affairs which are at the heart of the Institution. In that respect, the Council of today is fulfilling the role of the Council in 1860. The Institution makes its collective expertise available through the Institution's standing committees – the Membership, Professional Affairs and Publications Committee – and the Technical Committees, which include the IMO, Safety, Small Craft and High Speed Vessels Committees. The Council has formed a Working Group to carry out a review of how the Institution can make that expertise more effective today. The Working Group will report later this year, but the views of members (to hq@rina.org.uk) would be welcome.

This was the second Annual General Meeting held in the Institution's new Headquarters at Northumberland Street since the move from Upper Belgrave Street. Members and others who have visited the new Headquarters, either for conferences or committee meetings, have been impressed by the location and the facilities at Northumberland Street. Any member who has the opportunity while in London is invited to visit the Headquarters and see the facilities which it offers. Members are reminded that they may book the rooms for meeting, at a discount.

As with previous Annual General Meetings, the Institution's Medals and Prizes for papers of distinction published in the Transactions and the best papers also published in the Transactions by authors under the age of 30 were presented.

The winner of the RINA – Lloyd's Register Maritime Safety Award and the RINA – QinetiQ Maritime Innovation Award were announced by the President at the Institution's Annual Dinner. These Awards recognise achievements by companies and individuals, who are nominated by members of the global maritime industry, and there can, of course, be no finer recognition than that of one's peers.

Full details of the Medals, Prizes and Awards are contained in this issue of RINA Affairs and online.

Chief Executive.

IN THIS ISSUE

2015 Annual General Meeting

The 2015 AGM was held at the Institution's Headquarters on 30 April. Elections to Council and the award of Medals and Prizes were announced. The President presented his Report to the Members.

2015 Special General Meeting

The 2015 AGM was held at the Institution's Headquarters on 30 April. All Resolutions to change the By Laws and Regulations were adopted.

Communication Skills For Engineers

Communication Skills For Engineers - Effective Presentations and Networking is the first of a portfolio of soft skills courses tailored to the needs of engineers, to be offered by the Institution, in conjunction with Emmett & Smith Ltd.

Letters to the Editor

Letters to the Editor include requests for information about the aircraft transport lighter Dumbrough, the Landing Craft Al Munsassir and the history of LNG shipping. Can you help?

People in the News

The achievement of students are recognised by the award of RINA Student Awards at Gdansk Technical University, Poland and Ngee Ann Polytechnic, Singapore.

CEMT Award

Significant contributions to the European marine industry are recognised by the Confederation of European Maritime Technology Societies.

Where to stay in London

Members and their guests visiting London on business or pleasure may take advantage of the Institution's membership of Club Quarters to stay at its Trafalgar Square Hotel, situated at 8 Northumberland Avenue – less than one minute's walk from RINA Headquarters.

The President's address to the 2015 AGM

AGM

“When I read how my predecessors described their feelings on being elected as the President of the Institution, words such as trepidation and honour featured frequently. And those are the same words which describe so well my own feelings as I speak to you for the first time as the President of this fine Institution with its rich history. History is something which we ex colonials sometimes envy, although the Chief Executive has informed me that America is not old enough to have history, but for now just has habits!

And for me, that feeling of trepidation and sense of honour are all the greater for being the first President to be elected from beyond the UK's shores. A further indication – if one were required – of the internationalism of the Institution.

It is with great pleasure that I welcome you to the Institution's new Headquarters, and present my first report as the 31st President of the Institution and Chairman of its Board of Trustees. As is customary, my report will reflect on the Institution's achievements over the past year, and will look forward to what changes and activities members can expect over the next twelve months.

Although not easy for a trans-Atlantic commuting President, I have nonetheless had the opportunity to meet with members of the Institution and others in the global maritime industry. That opportunity has only served to remind me of the standing and respect which the Institution enjoys throughout the international maritime industry. Whilst the Institution should always be proud of its roots and what it has achieved over the past 155 years, there is no doubt that today the Institution is truly an international organisation, and that internationalism is reflected in its membership and all its activities.

Membership over the past year showed a modest increase, and it is again standing at its highest in the Institution's history. The growth continues to come mainly from countries other than the UK, demonstrating that the Institution does indeed reflect the international maritime industry. Seen in the context of the challenges which the maritime industry and therefore members of that

industry continue to face, this increase is all the more commendable. Once again, the increase in the number of Associate Members and Student Members – those at the start of their careers – was particularly pleasing, reflecting as it does the continuing priority which the Council gives to encouraging the younger members of the profession to be involved with the Institution.

However, I make no apologies for reminding you that the Institution cannot be complacent over these increases in membership. The Institution cannot take it for granted that those individuals who are today involved in the design, construction or maintenance of marine vessels and structures will become members of the Institution. The Institution must constantly show the value of membership and that it does indeed demonstrate an international recognition of the achievement, or intention to achieve, the highest standards of professional competence – and that membership will benefit a member's career. With apologies to the late U.S. President, John F. Kennedy, membership is an area where I would urge members to “ask not what their Institution can do for them, ask what they can do for their Institution.” If you have engineering colleagues who are directly involved in the design, construction and maintenance of marine vessels and structures, regardless of whether they are naval architects; or if you have colleagues who are not engineers, but who are involved or interested in the design, construction and maintenance of marine vessels and structures; and if any of them are not yet members then please contact the Chief Executive who will do the rest. His offer of a free journal subscription in return still stands! It is vital that the Institution maintains its membership growth if it is to maintain its international appeal and influence.

Over the past year, the Institution has maintained its priority of encouraging the involvement of the younger members of the naval architecture profession in its activities. This is achieved through student membership at many universities worldwide and through the prizes and awards which recognise the

achievements of the students. Many of these awards are co-sponsored by companies, serving to demonstrate the valuable link which the Institution provides between universities and industry. These awards are presented to first year, third year and final year students, reflecting the continuous engagement which the Institution has with the universities.

Once again, and thanks to the generosity of some companies, students have been able to attend the Institution's conferences - but demand always outstrips the number available and more places are always sought. If your company would be interested in sponsoring a place, at a very modest cost, again, please contact the Chief Executive. He may even offer you a free place at a conference! Another opportunity for members to put something back into their Institution.

For many members, one of the greatest benefits of membership is the opportunity to meet other maritime professionals at local Branch or Section meetings. This has been apparent to me as to date I have visited nine different Branches and Sections in four different countries. All the Institution's Branches and Sections have had full programmes of technical meetings and other activities during the year, and I would like to take this opportunity, on behalf of the Institution, to thank those members who give willingly and freely of their time to serve on the Division Councils, and Branch and Section Committees. Without their efforts and contribution, such activities would not take place. It is due in no small part to their efforts that the Institution enjoys its international standing. I would particularly like to thank the members of the Institution's newest Branch in Cochin, who held their first meeting earlier this month.

However, thanks to the pressures of work and tempus fugit, there is always a demand for members prepared and able to contribute their time as members of committees. Again, an opportunity to put something back.

But of course many members also make their contribution in other ways, for example by refereeing papers for conferences and

publications, acting as Professional Review Interviewers for those members seeking registration, promoting the Institution and encouraging membership wherever they are, or simply by maintaining their membership. If I may return to what appears to be becoming a theme of my Report, these are all opportunities for members to put something back into their Institution and their profession – nothing is more valued and appreciated than their time and enthusiasm.

As it was in 1860, “promoting and facilitating the exchange of technical and scientific information ... thereby to improve the design of ships” has continued to be the aim of the Institution over the past twelve months, which it has successfully achieved through its publications and its conferences.

All the Institution’s journals have continued to enjoy their well-deserved reputations as the leading technical journals in their fields, appreciated for the quality and scope of their content in the 100 and more countries in which they are distributed. This reputation has helped to maintain the attraction of the Institution’s journals to advertisers.

However, maintaining the journals commercial and editorial success does not come easily and the Institution is very grateful for the work of the advertising, editorial and production staff in achieving that success.

Many members have opted to only receive the digital versions of the journals, which they can read on their iPads and other tablets as well as their PCs. This results in a significant saving in postage and printing costs, allowing a reduction in membership fee to be offered, as well as making a contribution to saving the rain forest. I would urge members to consider this option, but I would also reassure them that the Institution will continue to give members the choice of digital or printed editions.

The Institution has maintained its reputation for the quality of its international conferences. In the past twelve months, it has organised or co-organised a comprehensive programme of conferences and courses in the UK, China, Korea, Italy, Indonesia, New Zealand and Japan. As always, the Institution’s conferences have reflected developments in the maritime industry, with marine renewable energy and the environment again featuring strongly in its conference topics.

The Institution’s conferences continue to attract papers of the highest quality, but the

pressures of work, in many cases resulting from increased activity with reduced numbers, does impact on the number of delegates attending conferences. I would urge those of you in a position to do so to promote the value to their companies of their engineers hearing and discussing the latest developments in the maritime industry, as well as the invaluable networking opportunity which conferences present.

The Institution is grateful for the efforts of both the Institution’s conference staff and those members who referee the papers and chair the conference sessions.

The Institution has continued to encourage high standards by recognising the achievement of both those young - and not so young - members of the profession and industry. It was a great pleasure to present the Institution’s medals and prizes a few moments ago. At the Institution’s Annual Dinner this evening, I will be announcing the winners of the Institution’s Maritime Safety Award, which has now been running since 1999, and the Maritime Innovation Award, now in its second year.

These two Awards are perhaps all the more valued since they reflect the recognition of the industry, as well as the Institution, of these achievements. The Institution is grateful to Lloyd’s Register and QinetiQ for their continuing support of the awards.

As I said, it will give me great pleasure to present this year’s Awards at the Annual Dinner this evening but I would invite you – even now – as members of the global maritime industry, to be giving thought to, and forwarding your nominations for next year’s Awards.

The 2014 President’s Invitation Lecture was presented by Dr Bas Buchner, President of MARIN, whose presentation “Research for Future Ships and Offshore Structures: Bridging the Gap between Design and Operation” addressed an issue of the utmost importance to the global maritime industry and once again filled the venue at One Whitehall Place. The continuing ability of the Institution to attract such leading members of the industry to present this Lecture is, I believe, a further indication of the Institution’s standing. The Institution is most grateful to ABS for their continuing support of this event.

The Institution’s links and standing with industry were maintained through its

Corporate Partner members, the sponsorship of awards and activities, and the many visits to companies made by the Chief Executive.

As I announced at the start of my Report, I present it as both the elected President of the Institution and as the appointed Chairman of the Board of Trustees, providing a link between those two bodies.

The Board of Trustees is now in its second year as the Institution’s governing body, and during that time has completed its review of the Institution’s policy with regard to such key matters as its investments and risk management. As a smaller body of 12 members of Council, it is better able to focus on governance matters, and ensuring the proper management of the Institution in accordance with the requirements of the UK Charity Commission. The Institution’s status as a registered charity provides significant benefits, particularly financial.

This has allowed the larger Council to concentrate on the professional, technical and learned society affairs which are at the heart of the Institution. In that respect, the Council of today is fulfilling the role of the Council in 1860. That role of Council is principally exercised through the Institution’s standing committees – the Membership, Professional Affairs and Publications Committee – and the Technical Committees, which include the IMO, Safety, Small Craft and High Speed Vessels Committees. I would like to take this opportunity to pay tribute to the work of all the members of all the Institution’s standing committees, as well as those on our Council and Board of Trustees.

The Technical Committees provide the means by which the Institution makes its collective expertise available to such forums as the International Maritime Organisation, where the Institution continues to make a significant contribution which is recognised and valued by both the members and Secretariat of the IMO. The Council has formed a Working Group to review the structure and responsibilities, to ensure that they reflect the developments in the profession and the maritime industry since they were formed.

I hope you will agree that this report on the Institution’s activities over the past twelve months is very encouraging and describes an Institution which continues to go from strength to strength. I said at the beginning of my report that I would also look to the

future, at least over the next twelve months. In short, it is expected to be more of the same with regard to its membership and activities, always seeking to respond to the changing needs and priorities of its members, the profession and the maritime industry.

In completing my Report, I would like to pay tribute to two people. My first “thank you” goes out to our Chief Executive, Mr. Trevor Blakeley. In the case of Trevor, I am reminded of the job description of a conductor, that is, someone whose primary duties are to unify performers, set the tempo, execute clear preparations and beats, and to

listen critically and shape the sound of the ensemble. Although these words are not usually used in our industry, they are not a bad example of what Trevor so masterfully does for RINA. I can assure you that for this rookie president, the job would be significantly more burdensome without his tireless efforts.

My second “thank you” is offered to my predecessor, Mr. Peter French. Peter’s term of office, lasted a record four years and coincided with a period of particular challenge in both the maritime sector and the affairs of the Institution. These challenges included the

move to the Institution’s new Headquarters, in which we meet for the second time, and the formation of the Board of Trustees. I recognise that both the Institution and I will face challenges during my term of office, and for those I will rely on your support. Having said that, we’re all better off because of Peter’s leadership for those four years and it is my intention to leave Peter with the record for the longest serving President.

Ladies and gentlemen, thank you for your attention. The floor is now yours, to comment on or query the content of my report.”

2015 Annual General Meeting

The 2015 AGM was held on 30 April at the Institution’s Headquarters.

Resolutions adopted at the 2015 AGM

The following Resolution was adopted at the 2015 Annual General Meeting:

“To re-elect haysmacintyre as the Institution’s auditors until conclusion of the next Annual General Meeting”

2015 Elections to Council

The number of vacancies being equal or less than the number of nominations, the following members are therefore deemed to have been elected as members of Council:

Fellows

S C Rusling
J C Hudson
R C Gehling
J Frier
Ashik Subahani

Members

W Kelly
D Viner

Associate Members

C Cooper

Medals and Prizes

Institution Medal of Distinction

Institution’s Medal of Distinction for papers published in the 2014 Transactions were awarded to:

A F Molland, S R Turnock, D A Hudson & I K A P Utama for their paper *Reducing ship emissions: A review of potential practical improvements in the propulsive efficiency of future ships*,

And to:

A H Day and E Nixon for their paper *Measurement and prediction of the resistance of a LASER sailing dinghy*.

And to:

I. M Viola, S Bartesaghi, S Della Rosa and S Cutoloo for their paper *On the use of CFD for the design of yacht hulls*

Jeom Paik Prize

The Jeom Paik Prize for the best paper on the subject of structures published by an author under the age of 30 in the 2014 Transactions

is awarded to Adam James Sobey for his paper *A Rapid Method for Local Reliability Analysis of Composite Tophat Stiffened Structures Using a First Principles Method and Design Rules*.

Samuel Baxter Prize

The Samuel Baxter Prize for the best paper on the subject of safety published by an author under the age of 30 in the 2014 Transactions is awarded to Yang Seop Kim for his paper *Hazard identification and scenario selection for ship-ship collision accidents*.

W H C Nicholas Prize

The W H C Nicholas Prize for the best paper on a design related subject published by an author under the age of 30 in the 2014 Transactions is awarded to Serder Turgut Ince for his paper *Quantitative Risk Assessment for Collisions Involving Double Hull Oil Tankers*.

David Goodrich Prize

The David Goodrich Prize for the best paper presented at the 2014 Warships Conference, and is awarded to S Brooke and J Moyses for their paper *Enabling an Optimised High Strength Steel Pressure Hull Build Strategy by the Use Of Under-Matched Welds*.

2015 Annual Dinner

The Institution’s Annual Dinner was held at the London Lancaster Hotel on 30 April. Principal speakers were Mr Tom Boardley, President of the UK Chamber of Shipping, and the Rev’d Philip Auden, Mission to Seafarers. *A full report and photos of the Dinner will be published in the next issue of RINA Affairs.*

THOUGHT FOR THE MONTH

The ship that will not obey the helm will have to obey the rocks.

English Proverb,

People in the News

William Froude Medal

The Royal Institution of Naval Architects' highest professional honour, the William Froude Medal, has been awarded to Professor Jeom Kee Paik, Pusan national University, for his significant work in the field of naval architecture and ocean engineering, and in particular in that complex subject of the structures and strength of ships. The Medal was presented at the Institution's Annual Dinner.

A full report of the Award will be published in the next issue of RINA Affairs.

RINA-KORAB Student Award 2015

The RINA-KORAB Student Naval Architect Award for the best final year project by a student of the Faculty of Ocean Engineering and Ship Technology at Gdansk University of Technology was presented to Agnieszka Piekło, for her thesis *Evaluation of the accuracy of ship resistance prediction methods*

including Computational Fluid Dynamics. – case study:

This was the tenth edition of RINA-KORAB Award. The other nominees were Wojciech Filonowicz (*Analysis of the structural response of the Lower Riser Package module during the landing on underwater production head*), Blanka Golecka, (*Application of Strain Measurements in the Experimental Modal Analysis*) and Anna Wierzbicka (*The influence of oversizing a fillet weld thickness to amount of welding angular distortion*).

This was the 10th year in which the Award had been made, and the first time it has been presented to a woman.

Agnieszka Piekło receives her Award from RINA Chief Executive, Trevor Blakeley and KORAB Chairman Jerzy Cruzman.



RINA-KEPPEL Student Naval Architect Award

The RINA-KEPPEL Student Naval Architect Award for the best presentation of the Ship Design Project in the Marine and Offshore Technology Diploma Course at Ngee Ann Polytechnic, Singapore was awarded to Ling Zixuan and Liu Shicai for their project *Concept Design of 1500 TEU Container Ship* and Muhammad Syafiq Bin Ibrahim and Nur Sholihain Bin Abdul Razak for their project *Concept Design of Product Oil Tanker*.

CEMT Award

The Confederation of European Maritime Technology Societies' Award for outstanding contribution to the European Maritime Industry has been presented to Lanfranco Benedetti in recognition of both his research work and his membership of maritime organisations, where he has sought to achieve greater co-operation between the stakeholders of the maritime industry.

The Award was presented by Mr Trevor Blakeley, RINA Chief Executive and Chairman of the CEMT Council, at the Annual Assembly of the Italian professional society ATENA who nominated Mr Lanfranco Benedetti, Director of INSEAN.

CEMT is an independent confederation of professional institutions, that is those involved in education and professional development, and learned societies, that is those facilitating the exchange of information in the field of

maritime technology. CEMT is recognised by the European Commission.

Through its member Societies which come from Denmark, France, Portugal, Greece, Spain, Serbia, Poland, the UK and, of course, Italy, CEMT is able to call upon the knowledge, skills and experience of

over 30,000 professional naval architects, marine engineers and others in the field of maritime technology, involved in all aspects of the European shipbuilding and shiprepair industry.

Details of CEMT and the Award can be found at www.cemt.eu



Trevor Blakeley presents the CEMT Award to Lanfranco Benedetti

News from the Divisions and Branches

Australian Division Technical Library

The 190+ papers presented at Section and Division meetings since 1951 are now available to all members at www.rina.org.uk/AusDiv/TechLibrary

Pakistan Joint Branch

A Seminar on “Financial Management for Engineers” was organized by the Pakistan Joint Branch, in collaboration with Institution of Engineers Pakistan:

The theme of the Seminar was “Determinants of Success for Organizational Excellence - A Glimpse from Financial Angle”, and the following papers were presented:

- “Financial Management for Engineers” by Dr. Raza Ali Khan, Associate Professor, NED University of Engineering and Technology, Karachi
- “Financial Management for Engineers” by Engr. Mirza Saleem Baig, Head of Islamic Banking, Habib Bank Limited
- “Role of Financial Management” by Engr. Dr. Muhammad Asim, Associate Professor, Karachi University Business School
- “Capital Budgeting: Techniques” by Engr. H. Jamal Zubairi, Head of Department of Accounting and Finance, Institute of Business Management

A panel discussion was also held after the seminar which was attended by over 120 members.

Pakistan Joint Branch, in collaboration with Institution of Engineers Pakistan, arranged a technical presentation based on “LNG Transportation” by Engr.



Members of the Pakistan Joint Branch attending a technical presentation on LNG.

Raisuddin Siddiqui, FIMarEST, FRINA, FIE(Pak) Vice Chairman IEP.

UAE Branch

Over 80 members and guests attended a meeting of the UAE Branch Seminar. The topic of the meeting was on Float Over Operations, and two papers were presented.

The first paper of the day was presented by Mr. Litty Dani Cherian, Lead Engineer/ Naval Architect from National Petroleum Construction Company (NPCC), Abu Dhabi. The paper explained the basics of float over operations with an overview of float over method, typical hardware involved, comparison with lifted installation and technical analyses required from an EPC contractor’s standpoint.

In the second paper of the evening presented by Mr. Saibal Paul, Principal Naval Architect of McDermott Middle East, the focus was on identifying advantages of Float over installations, Float over hardware, Float over stages,

key drivers for Float over and how computer simulation of Float over engineering is performed using “loose slot method”.

The presentations were followed by a very interactive and lively QA session.

Mr. Ashik Subahani, Chairman of RINA UAE Branch made the concluding address and thanked the speakers, moderator and the audience for the support rendered towards RINA UAE activities. Mementos from RINA UAE Branch were presented to the speakers and moderator by Dr. Martin Renilson, C.Eng, FRINA.

Mr Saibal Paul



Members of the UAE Branch



Speakers and UAE Branch Committee members



Dr. Raza Ali Khan



Mr Litty Dani Cherian



Kochi Branch

The Chief Executive, Mr Trevor Blakeley, attended in inaugural meeting of the Kochi Branch. A full report of the meeting will be published in the next issue of RINA Affairs.

Chief Executive, Trevor Blakeley, speaking at the inaugural meeting of the Kochi Branch



Where to stay in London

Members and their guests visiting London on business or pleasure may take advantage of the Institution's membership of Club Quarters to stay at its Trafalgar Square Hotel, situated at 8 Northumberland Avenue – less than one minute's walk from RINA Headquarters.

The Institution's membership provides a fixed lowest rate of £159 per room which is always available to conference delegates, regardless of the varying higher rates throughout the year for non members. An even lower rate is available only for Institution members and guests at weekends

(Fri, Sat and Sun) and holidays (£69). Guests do not need to be accompanied by the member.

Other benefits include access to the Club Living Room with complimentary refreshments, WiFi and unlimited chilled, purified bottled water, and a Rewards Programme offering a "Night on the House" after just one stay.

Members may find details of the facilities offered by Club Quarters Trafalgar Square or book online at <http://clubquarters.com/royal-ins-naval-architects>, using the login "RINA" (without the quotes) on their first visit and selecting Trafalgar Square from the choice of hotels.

Members and their guests who wish to take advantage of the lower rate at weekends, which is not shown online, should contact ClubQuarters at +44 (0)20 7451 5800



Invitation to participate in the Marine Graduate Training Survey

The European Marine Board is a network of leading European marine research performing and research-funding organizations established to promote enhanced cooperation in marine science at European level. The Board is carrying out a survey in the framework of a European Marine Board (EMB) Working Group on Marine Graduate Training. This survey aims to collect data about where graduates of training programmes with a marine/maritime component find employment and whether this employment relates to the actual graduate training undertaken.

Summarized outcomes of this survey will be available through the European Marine Training Portal from the end of May 2015 onwards. For more information please visit: <http://www.marinetraining.eu/>; <http://www.marineboard.eu/marine-graduate-training>

THOUGHT OF THE MONTH

The winds of fate

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.

By Ella Wheeler Wilcox

Communication Skills for Engineers - Effective Presentations and Networking

Communication Skills For Engineers - Effective Presentations and Networking is the first of a portfolio of soft skills courses tailored to the needs of engineers, to be offered by the Institution, in conjunction with Emmett & Smith Ltd. This one day course will introduce the fundamentals of how to effectively communicate in business with a specific focus on customer and colleague engagement through enhanced presentation and networking skills.

The course will provide an introduction to the communication cycle, how to structure and prioritise communication using effective objective setting and mind mapping. Voice and body language as well as handling interaction and challenge will be addressed and the day concluded with essential networking skills. Throughout the day engineers will be provided with opportunities to utilise their newly acquired knowledge, practice their new skills and receive constructive feedback. Delegates

will be encouraged to be proactive and contribute towards the process as they grow in confidence.

The course is designed to be relevant to engineers of all levels, of all disciplines, who want to improve the effect and impact of their business presentations and networking with colleagues and customers. This interactive open course will be delivered at RINA headquarters and will combine theory and practical exercises.

By the end of the course participants will be able to:

- Understand the purpose and value of powerful communication
- Develop your communication skills to ensure there is consistency and maximum effect
- Be open in communication situations and have confidence to put forward own / new ideas
- Use techniques to ensure that you are concise in communications
- Create an action plan to fine tune

your communication skills through presentations and networking activities.

Engineers who attended the pilot programme said:

"I found the course really useful especially the communication cycle, objective setting and mind mapping. It made me think of communication and the way we communicate in a completely different way – it's so much more than just presentations."

"This was an extremely successful and effective pilot course which I would thoroughly recommend. I intend to introduce a formal feedback mechanism with colleagues so that I can self-monitor the effectiveness of my communication. I will also focus more on having effective aims and using the communication cycle in my day to day interactions"

Details of the course are online at www.rina.org.uk/C4E_July15.html

DATA PROTECTION ACT 1998

Under the terms of the UK 1998 Data Protection Act members are entitled to know how personal information which they have provided to the Institution may be used, and to exercise certain options about its use. The Institution attaches great importance to respecting members' wishes in this respect, and will use the personal information that they provided when applying for membership only for the following purposes:

- To administer the Membership Roll, to run the Institution and manage its activities.
- To inform members of Institution activities.
- To offer members appropriate goods, such as publication, ties, etc
- To announce honours, awards and appointments by means of name and Institution only, in the National Press and RINA Affairs.

The Institution will share this information only with its authorised service providers (including its mailing houses). The Institution may also arrange for specific mailings related to appropriate goods or services provided by other organisations authorised by the Institution. Such goods and services could include:

- Financial products
- Insurance products

The Institution will also share the data with the Divisions and Branches for the purposes stated above. These organisations may only process data for membership administration purposes and to inform members of activities.

Members who not wish to receive separately despatched mailings about the goods or services of other organisations are requested to inform the Chief Executive.

Letters to the Editor

Dumbrough

Sir: I'm doing research for a group of authors who are writing a book on aviation in Scotland, in particular the airfields of Renfrew and Abbotsinch. Why am I contacting you, it is because across the water from those airfields Blackburn built an aircraft factory at Dumbarton. This complex was in association with Denny Shipbuilders, the area was called Barge Park.

Blackburn didn't have an airfield so they needed to get their machines across to Inchinnan to test fly them etc. Inchinnan is where Abbotsinch is, that is now Glasgow Airport. To ferry the aircraft across, Blackburn got Denny to build them an aircraft transport lighter in 1938. They called it Dumbrough, based on their factories at Dumbarton and Brough. It was used to transfer Botha bombers across the water. In 1948, Dumbrough was converted to a car ferry.

Would any of your members have any information on this vessel in its original and converted form? Ideally pictures of both as well would be great.

Derek Wands

dawcarlib@googlemail.com

Landing Craft Al Munsassir

Sir: I am an underwater photographer, based in Oman and I am diving on and exploring the Al Munsassir - a landing craft vessel

built by Brooke Marine of Lowestoft commissioned into service with the Royal Navy of Oman in 1979. She was sunk in 2003 to become an artificial reef.

I have tried without success to find plans of the vessel or much other information (web info is surprisingly sparse). I would very much appreciate any advice or information your members may be able to give me.

Paul Flandinette

paulcflandinette@gmail.com

The history of shipping LNG

Sir: I am about to embark on a PhD to investigate the mid 20th century history of shipping liquefied natural gas and seek information.

In 1959 the first ship delivered LNG from Lake Charles in the US to the Canvey Island terminal in Essex. It was the "Methane Pioneer" a converted WW II liberty ship called the "Normarti" (earlier also called Marline Hitch and Don Aurelio). It was quickly followed by the 'Methane Princess' and the 'Methane Progress', delivering Algerian gas.

I would be grateful for any information about how and by whom permission/certification was given for these ships and for the Canvey Island terminal.

Jeff Pym

jeffreypym@googlemail.com

Changes to the By Laws and Regulations

The 2015 SGM was held on 30 April at the Institution's Headquarters.

Changes to the By Laws and Regulations

The following Resolutions to change the By Laws and Regulations were adopted at the 2015 SGM:

Resolution 1: To make such amendments to the By Laws as are necessary to remove the distinction between Corporate Members (FRINA and MRINA) and non-Corporate Members in respect of voting.

Resolution 2: To make such amendments to the By Laws as are necessary to remove all distinctions between ex officio and elected members of Council in respect of voting and terms of office, be abolished.

Resolution 3: To make such amendments to the By Laws as are necessary to describe the activities of the Institution and members as "the science and practice of the design, construction, maintenance and management of marine vessels and structures".

Resolution 4: To make such amendments to the By Laws as are necessary to require the Board to annually elect/re-elect a member

of the Board who is a member of Council as the Vice Chairman of the Board.

Resolution 5: To make such amendments to the By Laws as are necessary to require the Board to provide an Annual Report and Financial Statement which will be independently audited.

Resolution 6: To amend the By Laws where required to abolish Entrance and Transfer fees.

Resolution 7: To make such amendments to the Regulations as are necessary to allow full electronic voting at Council elections.

THOUGHT OF 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