



THE ROYAL
INSTITUTION
OF NAVAL
ARCHITECTS

THE ROYAL INSTITUTION OF NAVAL ARCHITECTS
COUNCIL 2022
MINUTES OF MEETING 19TH JANUARY 2022

Sec/Council 19 January 2022


25th February 2022

Dear Council members,

COUNCIL MEETING – 19th January 2022

The draft minutes of the Council meeting held on 19th January 2022 are enclosed.

Yours sincerely



Chris Boyd

Chief Executive

Enclosure:

Minutes of Council meeting held on 19th January 2022

1. ENCLOSURE TO COUNCIL 19TH JANUARY 2022

Minutes of Council meeting held on 19th January 2022

M d'Amico	T Strang
R Birmingham	D Molyneux
C Savage	K Hutchinson
D Monioudis	D Molyneux
T Allan	H Theunissen
R Cripps	P Kujala
J Frier	J Black
J Kee Paik	R Millar
R Perez Fernandez	A Kumar
B Rosenblatt	C De Marco
P French	G Chopra
R Gehling	P Crossland
M Barton (Vice Chair PAC)	A Subahani
R Downs	D Viner
N MacLennan	A Bain
P Krishnankutty	D Konoovessis
A Aitken	N Overfield
E Pang	C Boyd (Chief Executive (CEO)
M. H. Ghaemi	Giuseppe Gigantesco (Dir, Prof.
I K A P Utama	Affairs)
A Dev	Dmitriy Ponkratov (Dir. Technical)
P Wilson	S Charity (Exec. Officer)
M Hart	J Perez-Martinez (Technical
	Assurance Manager)

Table 1 Council attendee list

Apologies for absence:

L Santini
D Aldwinckle
B Lau

1.1 Declaration of Interests

1.1.1 No pecuniary or conflicts of interest with the matters to be discussed were declared.

1.2 Minutes of the meeting held on 19th October 2021.

1.2.1 Enclosure 2 Minutes of the meeting held on 19th October 2021 were presented and approved.

1.3 Actions arising from previous meetings.

1.3.1 01/21 CEO to continue investigating sponsorship for a Maritime Environment Award. ONGOING

1.3.2 Action 02/21 CEO to propose the council composition transition strategy. ONGOING

- 1.3.3 Action 03/21 CEO to discuss with WG Chair a focus group regarding the geographical representation following the review of the WG report on the Role & Responsibilities of the Naval Architect by council. ONGOING
- 1.3.4 Action 07/21 CEO to look at the feasibility of charging for YouTube as raised by David Aldwinckle. Please note that we await the recommendations from Digital First the consultants appointed by the Board to review RINA digital architecture. CLOSED – included in digital review study.
- 1.3.5 Action 08/21 CEO to issue branding procedure once complete. ONGOING
- 1.3.6 Action 09/21 RINA Governance Document should be adjusted in tandem with the recent By-Law changes as these two documents complement each other. Whilst the updating of the Governance Document is the responsibility of the Board, it nevertheless affects in a big way Council's activity. Certainly, Council has not viewed this document recently, hence David Aldwinckle intervention for RINA to review it. ONGOING
- RINA is registered as a Charity, therefore places responsibilities upon the Standing Committees in supporting Society and the Public, e.g. The IMO Committee's input into IMO. So, Council must ensure the Governance Document is comprehensive and up to date in addressing Council's technical and professional needs as well.*
- 1.3.7 Action 10/21 – Committee of Chair meeting to be arranged to discuss the technical committees' guidelines and focus on selected topics and proposals as per the Technical Committee Strategy discussion. Council needs to establish a formal mechanism to move this forward and develop a high-level focus as per other PEI's strategy.
- The CE will set up a meeting for the Chairs and provide secretariat support. ONGOING
- 1.3.8 Action 11/21 - "Following the original Action 3/20 on Minute 49 of Council meeting January 2020, the Risk Register section *environmental roles 4.2*, should include the risk to consider the carbon footprint regarding requisite for financial transactions such as bank loans from the supplier etc. and mitigate any risk. This will be included in the next Risk Register review. CLOSED

2. 2022 PRESIDENT ELECTION

2.1 Report from The Chair, Mr. Peter French

To the Council Members,

- 2.1.1 I am reporting to you as the Chairman of the Nominations Committee, having been invited to stand in for the President. In accordance with the Procedure for the Election of the President, two Past Presidents and nine Voting Members of the Institution were invited to join the Nominations Committee to consider the eight candidates who had been nominated for election as President and subsequent appointment as Chairman of the Board of Trustees.
- 2.1.2 The members of the Committee are broadly representative of the global membership whilst also being very knowledgeable about the Institution and the role of the President and Chairman. They are:
- The two Past Presidents:
 - Richard Birmingham
 - Bruce Rosenblatt
 - The nine Voting Members:
 - Arun Dev
 - Rob Gehling
 - Hossein Ghaemi
 - David Molyneux
 - Dimitris Monioudis
 - Lucy Santini
 - Tom Strang
 - Ketut Aria Pria Utama
 - Philip Wilson
- 2.1.3 In addition, the Chief Executive was invited to attend to answer any procedural or similar questions that might arise.
- 2.1.4 At its initial meetings, held on 14th January, the Committee reviewed the role of the President, taking cognisance of the proposal from the Board of Trustees to separate the roles of President and Chairman of the Board of Trustees – a change which is likely to occur during the period of office of the next President. It then considered each of the candidates in detail, drawing on the information submitted by those nominating the candidates and on the Committee members personal knowledge of them. Following these meetings, each of the eleven members of the Committee completed a ballot paper ranking all the candidates in their order of preference.

- 2.1.5 Based on this ballot, the Committee's overall order of preference was determined, and a second meeting held on 17th January to discuss its outcome and to consider further the order of preference of the four highest ranked candidates. It was acknowledged by the Committee that the candidates were all a very high calibre, making the choice between them very difficult. The decision was finally made on a show of hands.
- 2.1.6 Although the members of the Committee expressed their satisfaction with the conclusion and with how it had been reached, there are certain aspects of the process which would benefit from greater clarity and others which it is believed could be improved. The Committee wishes, therefore, to put forward in due course some recommendations for the consideration of the Board of Trustees.
- 2.1.7 In accordance with the Procedure, I approached the preferred candidate to determine whether she would be willing to be nominated. I am very pleased to report that having overcome her surprise, and having consulted her company, she has confirmed her willingness to be nominated. I also informed the President who expressed his pleasure at the recommendation.
- 2.1.8 On behalf of the Nominations Committee, it is therefore my pleasure to recommend to Council that Cat Savage be nominated for election as President at the forthcoming Annual General Meeting.
- Peter French
Chairman of the Nominations Committee
- 2.1.9 Council approved the election of Cat Savage as President at the forthcoming Annual General Meeting.

3. PROPOSED CHANGES TO THE BY-LAWS

3.1.1 The Council approved the memorandum changes to the Charter, Object and By-laws in Jan 2020 which was then issued to the Privy Council. The Council discussed the proposed changes with agreement and the following notions:

- By-Law 58 c (i) was debated, and it was agreed that the CE will take this offline and discuss with the Chair of the Disciplinary committee. The proposal will be presented at the previous Council meeting and approved, apart from the *found liable* which was raised for review by Sarah Watts.
- The CE took this offline with Sarah to correlate By-law 57 and By-law 58. This is presented below for Council approval.

The By-Laws

3.1.2 **By-Law 57:** *If any member be found **liable** by a competent tribunal of any offence of any kind which in the opinion of the Council renders him them unfit to be a member, the Council shall have the right to expel them.*

3.1.3 The examples above, illustrate that “liable” does not cover all the “results” following some criminal/civil matters.

..... provided that the member shall have the right of appeal to the Appeal Committee established by the Council pursuant to By- Laws 58.

3.1.4 By-Law 58 specifically refers to the investigation of an offence of “improper conduct”. There is no reference to such in By-Law 57.

Solution:

3.1.5 **By-Law 57:** Expand By-Law 57 to include those events which could lead to the member being suspended/expelled. These would all be grouped under the heading “Improper conduct”

3.1.6 These events would include say:

- Found “guilty” of any criminal offence where the penalty could result in a custodial sentence.
- Found “culpable” in a case of criminal negligence
- Found “guilty” by a tribunal in respect of bullying, discrimination, or harassment.
- Found “liable” in a civil action where the liability directly affects RINA.
- Making any false representation in applying to the Institution for election or transfer to any class of membership.

- Any breach of these By-laws or of any Regulation, Council Rule or direction made or given thereunder.
- Any conduct injurious to the Institution.
- Any professional misbehaviour or incompetence by members of the Institution in the course of their professional practice.

3.1.7 **By-Law 58:** This By-Law then concentrates on the investigation by RINA's disciplinary committee with the decision then being made by Council and includes the appeal process.

Table 2 notes to assist

Criminal issues	Quasi Criminal Offences	Civil Cases	Tribunals
<p>Clearly the test for many offences (murder, theft, fraud etc) is whether the person is "Found Guilty" of a criminal offence.</p> <p>In respect of RINA, I assume we do not want the By Law to cover all criminal offences e.g., Speeding. Hence the By Law should only apply to serious criminal offences where the sentence could result in a custodial sentence.</p>	<p>The oddball here is "criminal negligence" where a person is found "culpable" – the test is the "reasonable man" standard.</p>	<p>In civil cases, usually negligence then at the end of the civil action the person may be found "liable" and thus responsible usually for a financial loss.</p>	<p>Cases referred to a tribunal usually relate to employer/employee matters. Usually, an allegation of bullying is investigated, and the conclusion is the person(s) may be guilty or not guilty of Bullying.</p>

3.1.8 Changes to the By-Laws

By-Law		Engineering Council comment	Proposed re-wording
By-Law 57 – Expulsion of Members	If any member be convicted by a competent tribunal of any offence of any kind which in the opinion of the Council renders him unfit to be a member, the Council shall have the right to expel him from the Institution provided that at least two-thirds of the members of Council present at a meeting of the Council vote in favour of such a course, provided that the member shall have the right of appeal to the Appeal Committee established by the Council pursuant to By- Laws 58.	The PCGP's view was that as 'conviction' refers specifically to criminal law and does not cover civil matters, it would be more appropriate to use the words <i>'found liable.'</i>	If any member be convicted <i>found liable</i> by a competent tribunal of any offence of any kind which in the opinion of the Council renders him <i>them</i> unfit to be a member, the Council shall have the right to expel <i>them</i> from the Institution provided that at least two-thirds of the members of Council present at a meeting of the Council vote in favour of such a course, provided that the member shall have the right of appeal to the Appeal Committee established by the Council pursuant to By- Laws 58. <i>A member may be found liable, but it does not cover all the results following some criminal/civil matters and to also include improper conduct to include those events which could lead to the member being suspended/expelled:</i> <ul style="list-style-type: none"> • Found "guilty" of any criminal offence where the penalty could result in a custodial sentence. • Found "culpable" in a case of criminal negligence • Found "guilty" by a tribunal in respect of bullying, discrimination, or harassment.

			<ul style="list-style-type: none"> • Found "liable" in a civil action where the liability directly affects RINA. • Making any false representation in applying to the Institution for election or transfer to any class of membership. • Any breach of these By-laws or of any Regulation, Council Rule or direction made or given thereunder. • Any conduct injurious to the Institution. • Any professional misbehaviour or incompetence by members of the Institution in the course of their professional practice.
By-Law 58 – Investigation of Offence	<p>a) For the purposes of this By-Law 'improper conduct' shall mean: -</p> <p>(i) the making of any false representation in applying to the Institution for election or transfer to any class of membership; or</p> <p>(ii) any breach of these By-laws or of any Regulation, Council Rule or direction made or given thereunder; or</p>	<p>The Panel considered that there should be an expansion of the definition of 'improper conduct.' It should not include criminal matters unless the 'crime' was committed in connection with professional practice. The Institution only has authority to sanction its members in respect of professional activity. To sanction for, say, murder is only within the power of the State. If the Institution no longer wants a murderer as a member, it should remove that member for breach of the</p>	<p>a) For the purposes of this By-Law 'improper conduct' shall mean: -</p> <p>(i) the making of any false representation in applying to the Institution for election or transfer to any class of membership; or</p> <p>(ii) any breach of these By-laws or of any Regulation, Council Rule or direction</p>

	(iii) any conduct injurious to the Institution.	<p>membership contract (e.g., by bringing the Institution into disrepute or ‘...conduct injurious to the Institution...’) and not as a professional practice sanction.</p> <p>The Panel considered that it would be beneficial if an extra clause be added to By-Law 58 in the definition of ‘improper conduct’ along the lines of:</p> <p><i>58 (a) (iv) any professional misbehaviour or incompetence by members of the Institution in the course of their professional practice.</i></p>	<p>(iii) made or given thereunder; or any conduct injurious to the Institution.</p> <p>(iv) <i>any professional misbehaviour or incompetence by members of the Institution in the course of their professional practice.</i></p>
By-Law 58 (c) (i)	(i) that any allegation of improper conduct shall be properly investigated and (if sufficiently serious) be referred for adjudication by an impartial tribunal consisting wholly of Corporate Members.	<p>In both the current and proposed By-Laws, there seems to be a drafting error in the final phrase which reads, ‘...tribunal consisting either wholly of Corporate Members;’. It seems there should be a subsequent section explaining what the alternative make-up of the tribunal should be. In any event, the PCGP believes that any such tribunal should include at least one independent member.”.</p>	<p>It is a drafting error as stated. As far as I can ascertain it stems from changes made to the composition of the Disciplinary Board carrying out the investigation and the change of responsibility for disciplinary matters from Council to the Board exacerbated by the various changes to Council Rule 14 over a period of time. Change the By-law to:</p> <p>(i) that any allegation of improper conduct shall be properly investigated and (if sufficiently serious) be referred for adjudication by an impartial tribunal</p>

			consisting either wholly of Corporate Members and may include an independent member;
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3.1.9 Questions from Council:

- By-law 57 and 58 repeat so this requires a review. Chief Executive to review and correlate the By-laws.
- Allan Bain urge caution regarding trying to detail improper conduct – referenced a report by Dame Judith Hackett Building Safety 7 fires (engineering council and civil engineers). Chief Executive to check with the lawyer and clarify.
- Ashok – are students open to the By-laws and how would it impact them? Chief Executive to review and clarify.
- Arun Dev – to what extent should disciplinary be dealt with at Branch level? Chief Executive to review and clarity.

4. BOARD – MINUTES OF MEETING

- 4.1.1 The CE presented the Board minutes from the meeting held on the 20th October 2021 for information.
- 4.1.2 The report has been distributed in the Council document pack, Enclosure 4.
 - *RINA_MOMB_1021 Board Minutes of Meeting 1021*

5. CHAIRMAN'S REPORT

- 5.1.1 The Chair - Mr. Maurizio d'Amico - welcomed everyone to the first Council meeting of 2022.
- 5.1.2 Welcome to the first Council meeting of 2022 and I trust everyone, and your families are safe and well. Since our last meeting, we have continued our best efforts organizing online meetings and presentations, I would like to thank all Divisions/Section/Branch chairperson, treasurers and secretaries for their hard work maintaining a full program of events and planning all the new activity that will be delivered during the 2022.
- 5.1.3 Due to the restrictions listed below we have concentrated on reorganising the internal foundation of the strong flow of activity which are underway, as shown in this report.
- 5.1.4 During the last council meeting I reported the realised deficit of **£400k** and the Institution auditors HaysMcIntyre have recently completed the Annual Audit and reported to the Board yesterday with no ongoing concern. A substantial loss in the Institution accounts is not sustainable and COVID significantly reduced the ability to create revenue from events and publication advertising, compounded by unforeseen costs in cyber security, membership CRM contract variations and secretariat IT equipment. However, we are in the fortunate position that the Institution funding model provides stability during turbulent times.
- 5.1.5 Therefore, we have invested precious time to give priority to the internal structure of the Institution and adapting to the new normal, as a basis for execution of our plan to improve our position of leader in our sector, we have selected to help us in this effort the best suitable consultants to offer their specialized advice, in their field.
- 5.1.6 The Board *fund steering group* reviewed the Charifund portfolio and selected CCLA to manage the Institution funds. The purpose of the portfolio is to provide the Institution with income whilst maintaining the value of the capital in real terms. As such the investment aim is to generate a minimum total return more than inflation (UK CPI) plus 3% per year over rolling five-year periods. We are currently in the process of transferring the funds from M&G to CCLA.
- 5.1.7 Collaborating closely with the Chief Executive a deep dive into the Institution operations conducted during 2021 and measured against the Strategic Direction E-F.

Strategic Direction	
E 4	Digital review

B 3	Improve RINA's engagement and profile with the Maritime Community through an open, welcoming, and outward looking face to all possible stakeholders
F 2	Address the future challenges for the sector with a wider range of events, improve the accessibility of conferences to members and encourage high quality of papers.
G 1	Maintain and extend the Institution's standing as a leading maritime

Table 3 RINA strategic objectives E-F

- 5.1.8 During 2021 the board appointed a third-party consultant to provide a report on the strategic review of the Institution approach to Digital and IT and approved the digital business case/ROI and upgrade the Institution system architecture to Microsoft d365 azure and move fully into the cloud.
- 5.1.9 The board *digital steering group* has driven this step change and managed by the Chief Executive and an experienced digital program manager appointed to drive the program as shown in figure 1.

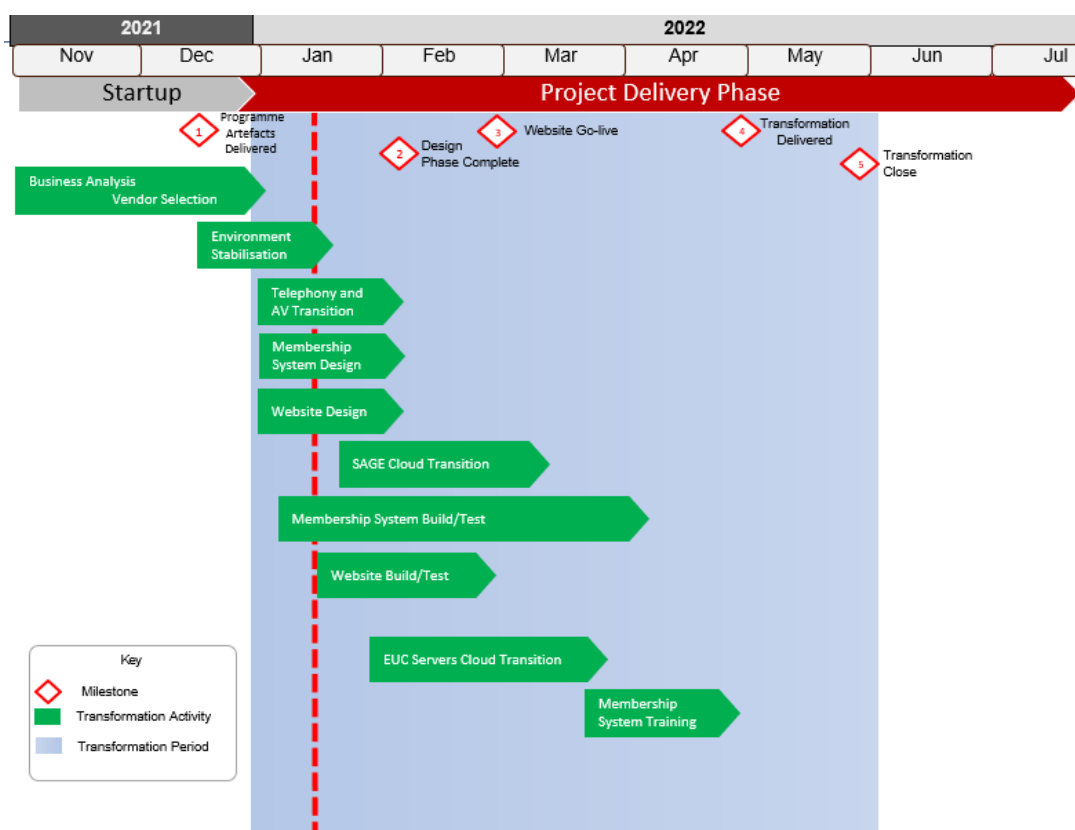


Figure 1 Digital roadmap

5.1.10 The program includes, but not limited to:

1. new website
2. membership CRM
3. telephony system

and has process mapped all workflows and operations to move into the cloud and everyone welcomes this significant step change.

5.1.11 Part of the environment stabilisation was to clone the existing membership CRM *TRIBE* which was no longer supported by Microsoft which enabled simultaneous operations to be conducted, but it did mean that membership renewals were issued later than anticipated, I would like to thank the secretariat IT for their determined professionalism in resolving this issue as we move forward into the cloud based automated system.

5.1.12 Alongside the digital project the executive has conducted a review of the secretariat functionality, skills mapping and continues benchmarking providing best practice for membership benefits, communication and marketing and technical administrative support for the Institution.

5.1.13 We continue with our focus on **sustainability** and shipping and sea transportation plays a leading role in this revolution, areas such as decarbonisation and net-zero, alternate fuels, life cycle analysis, EEDI/EEXI, safety and manoeuvrability, environmental impact are only examples of the scale of the challenge.

5.1.14 We are actively engaged in so many areas and I would like to thank everyone for your time, support, and commitment during 2021 and for the forthcoming year. An example of our recent activity is our support for our knowledge partner **Mærsk McKinney Møller Center for Zero Carbon Shipping**, and we took part in the scoping workshops *Advancing Alternative Fuel Pathways* and *Advancing Alternative Fuel Pathways*, and I thank the Chairs from the IMO and Maritime Environment Committee for attending on behalf of RINA.

5.1.15 I am proud to announce that the IJME has seen an increase in the take-up of institutional subscriptions, we have seen the readership of past and present articles escalate by over 450% in Q4 when compared to average monthly readership figures from previous months.

5.1.16 This represents a significant level of additional interest in this journal and with content for Q1's edition being collated and edited as we speak, we expect these numbers to grow even more in the months ahead. We work closely with the University Buckingham Press who have built partnerships with leading global distributors such as Proquest, ScienceOpen, Research Solutions and Chinese giant CNKI over the course of 2021.

5.1.17 This is a process will continue in the next 12 months as we constantly research and implement the most effective ways to extend the accessibility and visibility of our ever-growing academic journal and books list.

5.1.18 I would like to personally thank Prof. David Andrews, Editor in Chief IJME and the Associate Editors:

- Professor Jung Kwan Seo, Pusan National University, Structures **and Materials**
- Associate Professor Henrique M. Gaspar, Norwegian University of Science and Technology, **Design & Construction**
- Professor Evangelos Boulougouris, Strathclyde University, **Safety, Environmental Issues and Wider Maritime Matters**
- Associate Professor Paola Gualeni, University of Genoa, **Hydrodynamics and CFD**
- Professor Xianbo Xiang, Huazhong University of Science and Technology, **Control and Autonomy**
- Dmitriy Ponkratov, Secretary

for supporting the Institution journal. It has been a heroic effort and fully supported by previous Editor-in-chief Prof. Philip Wilson and Donald Cameron, Ass. Editor and we all look forward to reading further transactions during 2022.

5.1.19 The standing committees have continued to meet, and we will receive from the chairperson the reports during this council meeting, we thank everyone for their continued support and commitment.

5.1.20 I bring the following areas of productivity to your attention:

- **Digital Study** –the project is underway and currently ahead of budget and time. The fund steering group has set an ambitious program to get the foundations set within 6 months and the technical scoping has enabled cost savings. An example is the budgeted website £60k is costing £25k. A full technical specification and review is underway, and the website is currently underway. It is important to note that this includes the process mapping and aesthetic appeal to captivate whoever reviews the site and designed to make your experience better, whether you are viewing for research or buying a collector's tie.
- **RINA Funds** – as reported, the Board Fund Steering Group reviewed approved CCLA Investment Manager to manage the Institution funds. This is underway and led by the Treasurer.
- **Annual Financial Audit** – The Institution auditors HaysMcIntyre have completed the 2021 audit with no concern.
- **Task Force Group** in the secretariat:

- **Marketing & Communication** – staff members continue to improve social media (mission crafting, news etc.), events, publications, and advertising.
- RINA video was issued at COP26 and received recognition from various parties. The video is available for marketing activities.
- Captivation – included in the digital program to look at the brand freshness, but also membership benefits and processes, STEM activities and increasing membership growth.
- **Membership** – the Secretariat has been addressing the membership attraction rates for 2021 and asking members why they are not renewing or losing touch with the Institution. This is due to many reasons including, but not limited to the onboarding process from student member to AMRINA, contact details not updated, members expectations out of phase with the Institution etc. Particularly critical is the student interaction with a limited access to their university with remote attendance.
- The Executive has engaged with HAE Consultants who specialise in membership *renewal and retention* and offer years of experience in sustainable membership models. The primary focus is retaining existing members and improving the Institution processes to understand what benefits RINA should be offering and increase membership. This process is ongoing.
- **Events** – we have developed the events program for 2021-22 which has been challenging due to COVID uncertainties and found on the Institution website. We continue to promote training modules such as cyber, dry-docking and contract management. Two International Events will see active participation of the Institution:
 - IMC 2022 Sydney 10-12 May
 - Nav 2022 Genoa 15- June
- **Student Champions** – this program has gathered pace and we welcome the active inclusion of students in the Institution programs. The student champions are also a source for recruiting new members.
- **Youth Development** – as per the student champion this initiative is underway and the Executive welcomes Council members willing to support the program. Currently the RINA Youth policy, awareness, and engagement is under development.

- 5.1.21 **Leadership** is paramount and we must be vigilant and address areas where the Institution needs to react and provide a welcoming and outward looking face to everyone whilst addressing the future challenges for the sector.

Thank you.

Mr. Maurizio d'Amico, President

6. COMMITTEE CHAIRPERSONS REPORT

6.1 Maritime Innovation Committee

6.1.1 The Committee has had one meeting since the last Council Meeting. Once again, the attendance was limited.

6.1.2 There was a wide-ranging discussion on some of the technological developments over last 12 months and the future. Once again, the following topics were of significant interest together with an appreciation of the way engineers should be taught in the future:

- Impact of de-carbonisation
- Impact of new fuels
- Impact on teaching naval architecture in the 21st century
- Cyber security

6.1.3 It was considered that there was need to invite individuals with knowledge in these areas to run webinars, technical briefings, or something similar. The need to work with the other committees on these matters was reiterated by the committee

6.1.4 The formation of a Cyber sub-group was discussed at length, particularly whether it was a specific topic for naval architects to specialise. However, it was pointed out that all design is carried out with the aid of computers and there are extensive software intensive solutions on board ships. Therefore, by default the naval architect should know about the impact of the threats posed with the use of such system particularly the with cyber security. It was agreed the role of the RINA MIC in this respect is to inform the members of this serious issue, which is affecting all sectors of the industry.

6.1.5 It was agreed to invite an expert on cyber security to give a presentation at the next MIC meeting.

6.1.6 The next meeting is scheduled for 16th March.

6.2 IMO Committee

6.2.1 The IMO Committee met the week after the last council meeting. Members of the IMO Committee attended ISWG-GHG 10 and MEPC 77 and are attending SDC 8 this week.

6.2.2 The Committee, together with the Environment committee participated in several scoping groups of the Maersk McKinney Moller Centre for Zero Carbon Shipping covering sourcing of green energy, availability and price of fuels, vessel design/onboard technologies, understanding emissions and fuel cells.

- 6.2.3 The chair also participated in a UK Clean Maritime Technologies Task and Finish Group which is tasked to advise the government on the readiness of clean maritime technologies, relative effectiveness of abatement solutions and timelines for phase in between now and 2050 to achieve net zero.
- 6.2.4 As reported to council in October 2021, amendments to the MEPC.1 Circ.815 on treatment of innovative technologies for EEDI/EEXI calculation was the subject of a working group discussion at MEPC 77. This has now been issued as MEPC.1 Circ.896. The main change was around the treatment of wind assist and the formalisation of the use of the global wind probability matrix, where this was only previously reference in an information paper. It should be noted that the use of the global wind probability matrix tends to underpredict the magnitude of wind assists because it averages wind statistics rather credit routes that may be more favourable from a wind perspective.
- 6.2.5 As a temporary measure, the committee agreed to use the highest one-half of the global wind matrix to incentivise the fitting of wind propulsion until a more sophisticated approach can be agreed - which is being studied by the MARIN/ABS JIP WiSP 2.

6.3 Maritime Safety Committee

- 6.3.1 The MSC met on the 14th of December.
- 6.3.2 We have four resignations from the committee and want to thank the contributions of Richard Birmingham, Nick Hance and Denis Pattison over many years and the input from Mr Hussain from the Nautical Institute.
- 6.3.3 With six members thus seeking to step down. we are now seeking to refresh the membership, while improving awareness of the sectors and skills covered, with nominations welcomed (a social media trawl will also be conducted).
- 6.3.4 The committee discussed several long running actions delayed due to the pandemic and welcome the additional resource available from the secretariat. Discussion on how to complete and close-out the lessons from recent container ship workshop, earlier fishing vessel safety and inclining experiment papers dominated discussions, together with routine review of official accident reports.
- 6.3.5 The committee is keen to repeat its safety techniques workshop and to sponsor a conference and well as supporting the IMO committee.

6.4 Maritime Environment Committee

- 6.4.1 The Committee has not met since the last meeting. The next meeting is arranged for Thursday 21 October 2021.
- 6.4.2 The MEC met on 13 Dec 21 with seven members present and two representatives from the secretariat.

- 6.4.3 The committee reviewed its action list and agreed that it was necessary to clear some longstanding actions. The chair agreed to liaise with the Chief Exec and try to get these cleared before the next meeting.
- 6.4.4 Most of the rest of the meeting was spent on discussing the scope and activity of the committee and refining the future topics to focus on. The chair reported on the last discussion at council where a discussion had taken place regarding the strategy and purpose of the technical committees. It was noted that the discussion at the Council was wide ranging, considering many aspects that had previously been discussed with the committee. He noted that the discussion was not concluded and asked members of the MEC for their contributions. The committee members expressed the view that there was a need to inform the different committees on what work was being done by the other committees, to link the work of the committees with the priority focus areas – whether defined by Council or the IMO Committee. It was agreed that there could be special interest groups set up as sub-groups of the different technical committees that crossed over between groups. The Chair agreed to take the proposed focus areas away and develop these further and seek input from the members to produce a plan for areas to be prioritised.
- 6.4.5 The topic of younger member engagement was discussed at length. It was noted that the Institution needed to do more to engage younger members who were appearing at least to prefer other professional organisations. Noting that most topics that were being proposed by students for their projects – at all levels – were now linked to decarbonisation – it was recognised that the RINA needed to have more clarity around its approach to this area. Mentoring of student was discussed as was increasing interactions with industry to promote links to real world issues and challenges and ensure that the work being done had real world practical applications. It was proposed that we might invite a final year student from each major university to present their work to the committee to encourage younger member participation and keep committee members updated on the activities of students. It was also proposed that additional workshops could be a means to ensure more student participation. Upskilling was also discussed.
- 6.4.6 Finally, there was some discussion around the RINA branches and how to engage more actively with them.
- 6.4.7 Key topics were agreed:
- Decarbonisation
 - Underwater noise
 - New materials
 - Education and recruitment of new naval architects
 - Promotion of the activities of the MEC to RINA members

6.5 Professional Affairs Committee

6.5.1 The next PAC meeting is scheduled for 23rd February 2022.

PAC Membership

6.5.2 I am pleased to report that since the last Council meeting, Jim Black has joined the PAC and he brings a wealth of experience to the Committee. The fact that Jim is based in Western Australia helps to increase the regional diversity of the PAC.

Accreditations

6.5.4 It was previously reported to Council that a post- accreditation visit would be made in December to The University of Strathclyde, in accordance with our policy for undertaking accreditations. This visit has been deferred until 2022 as a result of recently imposed restrictions due to COVID 19.

6.5.5 The reaccreditation of courses for the University of Malta took place on-line on 25th – 27th October 2021. The RINA panel comprised two experienced assessors and one observer. A subsequent visit will be made in 2022 to the university on behalf of the RINA panel. Again, the planned visit is in accordance with our policy for undertaking accreditations

6.5.6 The reaccreditation of the undergraduate and postgraduate courses at the University of Newcastle upon Tyne took place on 8th and 9th November 2021. This was the only face to face accreditation undertaken in 2021 and RINA was represented by the Secretariat, two experienced assessors and two observers.

6.5.7 The virtual accreditation of courses at UCL will take place on 26th and 27th January. This accreditation will be under the umbrella of the EAB who have decided that a virtual accreditation will take place.

Initial Professional Development (IPD)/Graduate Training Schemes and LATW Schemes & Graduate/Higher Degree Apprenticeships

6.5.8 A review of IPD for the UK Maritime and Coastguard Agency (MCA) graduate training programme took place on 5th November 2021. The review was successful, and the MCA's scheme was judged to be of an extremely high standard.

Continuing Professional Development (CPD)

6.5.9 There has been no significant progress on the matter of member CPD reports since the last Council meeting. As stated in the report for the October 2021 meeting, we now need to see a significant change in the engagement with members on this issue and there is the very real likelihood disciplinary action being taken against recalcitrant members. We await further action from the Executive on this issue.

6.5.10 In November, a CPD review for courses run by HydroComp was successfully carried out by the PAC.

ED&I

- 6.5.11 The work of the ED&I working Group is continuing, but there is nothing of significance to report to Council this time.

RINA Internal Audit

- 6.5.12 The annual Internal Audit was undertaken in December in accordance with the Policy and Procedures Manual. The Secretariat is preparing a report of the audit.

6.6 Publications Committee

- 6.6.1 The Chair provided a verbal update.

6.6.2 Membership Committee

- 6.6.3 Since the last Council Meeting the Membership Committee has met once (on 4 Nov 21) to conduct its routine business of considering applications for membership and registration.

- 6.6.4 Discussions have taken place between the Chair (Martyn Hart) and the CEO regarding a future committee chair and enquiries are continuing.

- 6.6.5 For 2021 the overall total of applications for Membership & Fellow, including those dealt with in November, reached 192. By comparison, the 2020 figure was 244, which reflected a surge in applications attributed to the COVID 19 lockdown periods. In both years, the total includes some applications for transfer between membership levels. Also, neither figure covers Associate Membership, Associates, Students and Junior members who are not considered by the committee.

- 6.6.6 The annual Internal Audit was conducted on 9 Dec 2021 by Angus Watts (PAC member) and Martyn Hart (MC Chairman). The Internal Audit report has been finalised and sent to the Director Professional Affairs.

- 6.6.7 The Membership Committee will meet next on 27 January 2022.

6.7 Disciplinary Committee

- 6.7.1 The CE reported that there were no allegations of professional misconduct currently under investigation.

6.8 General

- 6.8.1 The followings notes were taken from members commenting on the committee reports:

None

7. ANY OTHER BUSINESS

7.1.1 None.

7.2 Date of Next Meeting

7.2.1 The next meeting will be held at 11:00 BST on Wednesday 20th April 2022.

8. ACTION ARISING OR OUTSTANDING FROM THE MEETING.

- 8.1.1 Action 01/21 CE to continue investigating sponsorship for a Maritime Environment Award.
- 8.1.2 Action 02/21 CEO to propose the council composition transition strategy.
- 8.1.3 Action 03/21 CEO to discuss with WG Chair a focus group regarding the geographical representation following the review of the WG report on the Role & Responsibilities of the Naval Architect, by Council.
- 8.1.4 Action 08/21 CEO to issue branding procedure once complete.
- 8.1.5 Action 09/21 RINA Governance Document should be adjusted in tandem with the recent By-Law changes as these two documents complement each other. Whilst the updating of the Governance Document is the responsibility of the Board, it nevertheless affects in a big way Council's activity. Certainly, Council has not viewed this document recently, hence David Aldwinckle intervention for RINA to review it.

RINA is registered as a Charity, therefore places responsibilities upon the Standing Committees in supporting Society and the Public, e.g. The IMO Committee's input into IMO. So, council must ensure the Governance Document is comprehensive and up to date in addressing Council's technical and professional needs as well.
- 8.1.6 Action 10/21 – Committee of Chair meeting to be arranged to discuss the technical committees' guidelines and focus on selected topics and proposals as per the Technical Committee Strategy discussion. Council needs to establish a formal mechanism to move this forward and develop a high-level focus as per other PEI's strategy.
- 8.1.7 The CE will set up a meeting for the Chairs and provide secretariat support.
- 8.1.8 Action 01/22 Section 3.1.9 proposed changes to the By-laws; the Chief Executive will review the questions and provide clarification.