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THE ROYAL INSTITUTION OF NAVAL ARCHITECTS

Chief Executive: Trevor Blakeley CEng FRINA FIMarEST FIMechE



Sec/Council/17Jan2019

28 Jan 2019

Members of Council

Ladies and Gentlemen,

Council Meeting – 17 Jan 2019

The draft Minutes of the Council meeting held on 17 Jan 2019 are enclosed.

Yours sincerely

A handwritten signature in black ink, appearing to read 'T. Blakeley'.

Trevor Blakeley
Chief Executive

Enclosure:

Minutes of Council meeting held on 17 Jan 2019

THE ROYAL INSTITUTION OF NAVAL ARCHITECTS

Minutes of Council Meeting held on 25 Jan 2018

Present:

R Birmingham
N P Pattison
J Frier
C Savage
P Crossland
N Atkins
E Pang
H Karanassos
T Strang
D J Andrews
R Cripps
M D'Amico
D Monioudis
Y Williams
P Wrobel (By telelink)
P French (By telelink)
H F Spencer (By telelink)
H Ghaemi (By telelink)
M Renilson (By telelink)
A Pattison (By Telelink)
T Blakeley (Chief Executive)

1. Before opening the meeting, the Chairman welcomed the new Technical Director, Karl Monk, who described his experience prior to taking up the appointment.

MINUTES OF THE MEETING HELD 16 OCT 2018

2. In response to a query regarding para 31 and the co-option of Council members, the Chief Executive confirmed that the proposed changes to the By Laws required to implement the introduction of Regions and subsequent changes in the composition of Council would provide Council with the continuing opportunity to co-opt members to maintain the resilience of Council.
3. The minutes of the meeting held on 16 Oct 2018 were approved, subject to the addition of J Whitlam as attending the meeting

ACTIONS ARISING FROM PREVIOUS MEETINGS

4. Action 05/17: Chairman of Publications Committee to review the Committee's TORs

Outstanding

2019 COUNCIL ELECTIONS

5. The resignations and nominations for election to Council in 2019 were noted.

REPORT BY CHAIRMAN OF TRUSTEES

6. The Chairman reported that the Board had last met on 16 Oct 2018, and the minutes of the meeting had been forwarded to members of Council.

Strategic Review

7. The Chairman stated that the Board had received the Final Reports of the Working Groups, and would be reviewing the Reports and their recommendations at a meeting in the following week.

8. In response to a question, the Chairman assured Council members that they would be kept fully informed of the work and recommendations of the Working Groups, and of the outcome of the Board's review. He said it was inevitable that many of the recommendations would require close consultation with Council before a decision was made by the Board.

9. In response to a further question, the Chairman stated that the recommendations of Working Group 4 regarding the changes to the composition of Council had had to be considered early in order to seek Privy Council view on the acceptability of the necessary By Law changes in time for a Resolution authorising the Board to apply for such changes to be presented to the members at the 2019 AGM. These recommendations had been discussed and agreed by Council at earlier meetings.

EILY KEARY PRIZE/AWARD

10. It was discussed whether the acceptance of women as members of the Institution in 1919 should be commemorated by the introduction of an annual Eily Keary Prize for the best paper by a young author published in the Transactions or by an annual Eily Keary Award recognising the contribution by an individual, organisation or part of an organisation to increasing equality, diversity and inclusion in the global maritime sector.

11. It was agreed that an Eily Keary Award should be introduced, and the Chief Executive was actioned to draft proposals for the scope and judging of the Award.

REPORTS BY CHAIRMEN OF STANDING COMMITTEES

Maritime Innovation Committee

12. The Chairman of the Maritime Innovation Committee gave a presentation on the work to date of the Committee.

Post meeting note: The presentation may be viewed on Dropbox at [Presentation](#)

IMO Committee

13. The Chairman reported that in 2018, the IMO Committee added 7 members. Three members resigned for reasons of ill health, and one sadly passed away just after Christmas. The funeral of Michael Osborne, formerly of LR and Shell and known to some members of Council, was attended by some members of the Committee who were also classmates at Newcastle University.

14. The Committee numbers around 28, and in 2018 contributed just over 200 days (or around 1600 hours) to IMO meetings, industry meetings, correspondence groups and preparing submissions.

15. Notable highlights of the year were:

- Helping to close down a poorly thought out SDC agenda item on preservation of electrical power after side raking damage
- Winning support for our proposal to look into the issue of inadequate seating space of lifeboats - and getting it explicitly onto the agenda as part of the review of the LSA Code and SOLAS Chapter III
- Supporting China's paper at MSC 100 to bring domestic ferry safety back onto the agenda at the IMO
- Making the technical case during the heated EEDI and GHG discussions at MEPC 73

16. On that last point, the Chairman reported that there appears to be growing support for the Institution to contribute more to the current discussions on GHG reduction and energy efficiency, exemplified by WSC's submission to the EEDI correspondence group which said:

17. "Submissions made by RINA to MEPC 73 and ISWG-GHG4 highlighted notable gaps and question marks with respect to the current EEDI framework and its ability to capture and motivate improved designs as well as the use of a wide spectrum of energy-efficient technologies. In this context, WSC suggests that it would be useful to consider the following proposal:

- *Invite RINA to undertake a review of the issues identified in earlier submissions (including the influence of "correction factors") and to make recommendations for consideration by the Committee;"*

18. The Committee was looking into how it might be possible for the Institution to coordinate a purely technical group of stakeholders drawn from shipowners, shipyard, class societies, ship designers to conduct such a review.

Maritime Environment Committee

19. The Chairman reported that the Environmental Committee had met once since the last Council meeting and had finalised two important pieces of work, namely a proposal for an Environmental Vision Statement for the Institution, and an aide memoir on Environmental Considerations in the Design of Marine Vessels and Structures, which it is intended would be made available for use by industry, academia etc.

20. The Vision Statement was discussed at the meeting and agreed that it be expanded to include end of life considerations. This was duly incorporated by including the term recycling. The Statement now reads:

"Marine vessels and structures are technically complex and operate in a challenging environment. The Institution is committed to contributing to a reduction of their environmental impact and improving energy efficiency by providing guidance on their design, construction, maintenance, operation and recycling in order to achieve more sustainable use of resources and mitigate climate change."

21. The aide memoire "Design for the Maritime Environment - Environmental Considerations in the Design of Marine Vessels and Structures" is with the Committee for final approval. The aide memoire will refer to the Vision Statement, and will be published on the Institution's website.

22. The Chairman reported that while it was clear that there was a key group of members of the Committee that supported its work, it was very challenging to always get consistent attendance, and this reduced the effectiveness of meetings and the Committee's work. It was hoped that the improvement in conference and video call facilities would address in part this issue.

23. The Committee will continue to support the IMO Committee in its deliberations around EEDI and other means to reduce GHG emissions, and will also look at how to ensure the role of the naval architect and structural engineer in managing environmental issues is better understood and covered in Universities and other important arenas.

Professional Affairs Committee

24. The Chairman reported that the Committee had met once since the last Council meeting. At the meeting, four new members were welcomed, bringing the total membership to 16. The upgraded telecommunications system within RINA HQ had significantly improved the remote participation of those members unable to attend in person. The Chairman reported the following activities:

- **Academic Accreditation**

25. PAC is participating in the EAB accreditation visit to Southampton University during January and we are in initial discussions with Glasgow/Strathclyde University for accreditation of their Naval Architecture MSc.

26. An initial assessment of the Indonesian PPNS naval architecture courses (Ship Design & Construction, Marine Engineering and Shipbuilding Engineering) has been made, and a request accreditation of these three courses is expected.

- **Continuing Professional Development (CPD)**

27. Mandatory CPD monitoring for EngC registrants came into effect on 1st January 2019, although this had been introduced by the Institution in 2017, in anticipation of the requirement.

28. Following discussions at the last PAC meeting, a decision was taken to extend CPD monitoring to include both EngC registrants and non-registrants. This decision was based on the fact that non engagement in CPD activity not only goes against the EngC requirements for registration but also against the RINA Code of Professional Conduct which is applicable to all members.

29. The processes and procedures in place to undertake the required CPD reviews and have been updated to reflect the latest EngC requirements. It will be necessary to recruit and train additional reviewers in order to reach the target sampling rate.

- **Graduate/Higher Degree Apprenticeships**

30. A PAC member has taken on responsibility for developing the Institution's approach to accreditation of Graduate/Higher Degree Apprenticeships. The initial task will be to generate and agree the scope for the Working Group.

- **Engineering Council Standards Review**

31. EngC has initiated the five-yearly review of their primary standards covering Key Principles, UK-Spec, Accreditation of Higher Education Programmes, Approval of Qualifications & Apprenticeships and Higher Apprenticeships. These standards have significant influence over PAC activities. PAC has participated in this review and submitted their comments via The Secretariat.

32. EngC has issued their revised Charter and Byelaws for comment. There are no significant issues, but they do make specific reference to Degree Apprenticeships and other "flexible" learning approaches.

- **Policies & Procedures Manual**

33. The Secretariat has undertaken a major revision and upgrade of the Policies & Procedures (Professional Affairs) Manual. The PAC are in the process of undertaking a detailed review of the new manual before accepting it into general use.

- **Internal Audit**

34. PAC undertook an internal audit, primarily of the membership process, during December 2018. The audit highlighted a small number of minor issues but no significant non conformance issues were identified

Disciplinary Committee

35. On behalf of the Chairman, the Chief Executive reported that no allegations of professional misconduct had been received since the last meeting.

Membership Committee

36. The Chairman reported that the Committee had met once since the last Council meeting, at which it had conducted its routine business of considering applications for membership and registration. New members had joined the Committee.

Publications Committee

37. The Chairman stated that the Committee would be meeting in February to identify Medals to be awarded to papers published in the Transactions.

Maritime Safety Committee

38. The Committee met in December, talking as it had in its previous meeting again about attendance and membership. The Chairman stated that he had agreed to talk with other Committees about exploiting social media and 21st century electronic options of member correspondence, to enable international contributions. The Committee's support to IMO endures and the recent MSC papers on AI systems, automation and full autonomy were seen to be an area that joint discussion with the Technology Committee may be fruitful, if a date can be found.

39. The El Faro accident report had been briefly discussed by the Committee and had led to the conclusion that there was a need to create a process (based on the IMO's FSA philosophy). A taxonomy or set of topic areas will also be considered, as by the Maritime Environment Committee. The LR Foundation reviews of international domestic ferry and fishing vessel accidents will be reviewed at the next meeting.

40. No further opportunity to develop the Safety Techniques Course had occurred but a sub-group will meet and report back. The annual Maritime Safety Award will be considered by the next meeting.

RISK

41. In reply to a question concerning the impact of Brexit on the Institution, the Chairman stated that it would be discussed at the next Board meeting.

DATE OF NEXT MEETING

42. The next meeting will be held at 11:00 on 10 Apr 2019

ACTIONS ARISING OR OUTSTANDING FROM THE MEETING

43. Action 05/17 (Para 4.): Chairman of Publications Committee to review the Committee's TORs.

44. Action 01/19 (Para 11): Chief Executive to draft scope and judging procedure for Eily Keary Award