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## THE ROYAL INSTITUTION OF NAVAL ARCHITECTS

Chief Executive: Trevor Blakeley CEng FRINA FIMarEST FIMechE



Sec/Council22Jan2020

5 February 2020

Dear Council members,

### **COUNCIL MEETING – 22 January 2020**

The draft minutes of the Council meeting held on 22 January 2020 are enclosed.

Yours sincerely

Trevor Blakeley  
Chief Executive

Enclosure:

Minutes of Council meeting held on 22 Jan 2020

## **THE ROYAL INSTITUTION OF NAVAL ARCHITECTS**

### **Minutes of Council Meeting held on 22 Jan 2020**

#### **Present:**

R Birmingham	B Rosenblatt (by telelink)
C Savage	E Pang (by telelink)
D Monioudis	D Viner (by telelink)
P Wrobel	M. H. Ghaemi (by videolink)
P French	P Crossland (by videolink)
T Allan	A Bain (by videolink)
L Santini	I K A P Utama (by videolink)
N Atkins	A Dev (by videolink)
F Spencer	Y Williams (by videolink)
R Cripps	T Strang (by videolink)
J Frier	H Karanassos (by videolink)
D Aldwinckle	R Gehling (by videolink)
M D'Amico	D Molyneux (by videolink)
Jeom Kee Paik	P Krishnankutty (by videolink)
J Whitlam	T Blakeley (Chief Executive)

#### **MINUTES OF THE MEETING HELD 22 OCTOBER 2019**

1. The minutes of the meeting held on 22 Oct 2019 were approved.

#### **ACTIONS ARISING FROM PREVIOUS MEETINGS**

2. No actions were outstanding at or arose from the last meeting.

#### **2020 ELECTIONS**

##### **President**

*M D'Amico left the meeting*

3. P French, Chairman of the Nominations Committee, reported that the Nominations Committee had met to consider the nominations for election to President in 2020, in accordance with the procedure contained in the Policy & Procedures Manual. He stated that the members of the Committee were broadly representative of the membership and outlined the process by which the Committee had considered the nominations. In their consideration of the nominations, the Committee had taken account of perceived strengths, experience and standing in the profession and industry.

4. Following their consideration, the Nominations Committee recommended that M D'Amico be nominated for election as President at the 2020 AGM. He stated that M D'Amico had expressed his willingness to stand for election if selected.

5. Council unanimously accepted the recommendation of the Nominations Committee that M D'Amico be nominated for election as the next President of the Institution.

*M D'Amico returned to the meeting.*

6. M D,Amico expressed his thanks to the Council for their confidence and described the honour he felt in being nominated for election as the next President

## **Council**

7. The Chief Executive reminded members that the forthcoming Council would be the first to be held following the amendments to the By Laws in 2019 by which the number of Council places will be in proportion to the number of members in each Region, and that nomination and election of members for those places would be by members in the Region.

8. He reported that in all Regions except the UK Region, the number of nominations was equal or less than the number of vacancies, and therefore members nominated from those Regions will be elected unopposed. There being more nominations than vacancies in the UK Region, an election will be held for the election of Council members from the UK Region.

9. He reminded members that the Board had the authority to adjust the allocation of places to Regions, and to co-opt members from any Region if considered necessary to maintain the coherence of the Council.

10. He proposed that the issue and return of voting papers, and the counting of votes should be fully electronic, using an independent election management services company. Postal votes would be available for those without email addresses. He briefly described how such a system would work. The proposal was accepted by Council.

## **CHAIRMAN'S REPORT**

11. The Chairman reported that the Board had not been quorate at its last meeting, but that all decisions and actions had been subsequently ratified by a Board majority, as shown the draft minutes, of which Council had received a copy.

12. He stated that, as reported in the minutes, at the meeting, the Board had approved the 2019/2020 Annual Budget and approved the replacement of the Institution's Data Management System, following notice of its impending withdrawal of support for the system.

13. The Board had reviewed progress on Strategic Review. Reports had been received from the E,D&I Working Group, which would submit its report through the PAC at its next meeting, and from the Publications Committee which had revised its TORs to reflect the wider responsibilities given to it by Council and the Board. He reported that since the Board meeting, the Events Working Group had had an initial meeting, and would be reporting to the Board at its next meeting.

## **COMMITTEE CHAIRMEN'S REPORTS**

### **Publications Committee**

14. On behalf of the Chairman, the Chief Executive reported that the Publications Committee had met on a number of occasions since the last Board meeting, with the main work focussed on deciding the awards for 2020. The Committee had addressed the following issues:

- How to efficiently review a significant number of papers in the 2 transactions to select those for awards – compounded this year by half the papers from 2018 being reviewed with the 2019 pack.

*Post meeting note: The Publications Committee met to consider the award of Medals and Prizes and will be informing Council of the results of their consideration in due course.*

- The generally poor input from reviewers that does little to help the Committee single out papers worthy of an award.
- Whether to issue all the awards every year or only if quality and excellence has been achieved in accordance with each award's criteria – the consensus of the Committee is that as awards are a reflection on RINA's standards they should only be awarded if a high standard of quality and excellence is achieved.
- On first examination the overall standard of papers in the current set being reviewed is generally low and hence not all awards might be issued in 2020 for the two batches (late 2018 and all 2019 IJME and IJSCT) under current review by the Committee.
- How to foster greater support from the RINA membership to a) submit quality papers and b) contribute to reviewing them in a timely and consistent manner.
- How to generate greater technical discussion amongst the community, which could be by written Discussion to individual papers or other more modern means.
- How to satisfy the Strategic intentions of the Institution as a learned society in the most efficient way.
- How to deliver an assessment of the quality and balance of the full range of the Institution's publications as requested by the Council.

## **IMO Committee**

15. The Chairman reported that in 2019, the IMO Committee added 4 new members and 2 members had resigned. The Committee was now 29 strong and in 2019 contributed just over 240 days (or around 1900 hours) to IMO meetings, industry meetings, correspondence groups and preparing submissions. The Committee now had an IMO liaison member, Mr. Hiroyuki Yamada, who is the current director of the Marine Environment Division.

16. The Committee participated in the following Committees and Sub-Committee meetings:

- Ship Design and Construction (SDC) 6
- Ship Systems and Equipment (SSE) 6
- Intersessional Working Group on Greenhouse Gas (ISWG-GHG) 5
- Marine Environmental Protection Committee (MEPC) 74
- Maritime Safety Committee (MSC) 101
- Implementation of IMO Instruments (III) 6
- Intersessional Working Group on Greenhouse Gas (ISWG-GHG) 6
- Council 122
- Assembly 31

17. Committee members had participated in ten correspondence groups, and submitted or co-sponsored seven papers, one of which was accompanied by a lunchtime presentation to MEPC 74. Out of these, three were authored by the Institution

18. The Committee continued to engage widely with Flag States and NGOs at the IMO, but also through such groups as the Industry Lifeboat Group, coordinated by ICS, which consists of all the

shipowner organisations, but also a number of flag states individually. The Institution is also a strategic partner of the IMO UNDP Glo-Fouling project and is looking to organise a workshop on niche areas in support of the project in 2020. Early in 2020. The Institution has also been approached to participate in an EU funded project on underwater noise coordinated by Bureau Veritas.

19. He reported that the major achievements of the Committee in 2019 were:

- Continuing the work on minimum space for survival craft seating, culminating in a co-sponsored submission with the Cruise Line International Association which had previously expressed reservations
- Helping to secure a new agenda item and working group at MSC 102 and 103 on domestic ferry safety, despite some opposition from developed countries
- A wider recognition that the Institution acts as a respected, honest and impartial technical voice at the IMO

### **Maritime Innovation Committee**

20. The Chairman reported that Committee had held one meeting since the last Council meeting. Following the concerns expressed by the Chairman at that meeting, this meeting of the Committee was extremely constructive in looking at the purpose and future activities of the Maritime Innovation Committee.

21. The following actions were agreed with a view to re-invigorating the Committee.

- **Look at the Membership and Representation on the Committee**

22. The Chairman to write to all current members of the Committee to ask which of the following is applicable regarding their involvement with the Committee now and in the future.

- I no longer wish to be a member of the RINA Maritime Innovation Committee.
- I would just like to be a corresponding member of the RINA Maritime Innovation Committee i.e. no formal involvement or commitment to meetings etc.
- I would like to remain as a fully active member of the Committee i.e. I am prepared to participate in meetings either in person or by conference call and to undertake tasks in between meeting if required.

23. The Chief Executive to send out a notice to all members asking whether individuals would like to become a member of the Maritime Innovation Committee either as a corresponding member or a fully active member

- **Review the Technology Themes and Overall Engagement with the membership**

24. It was agreed that there was need for each of the Technology Theme subgroups to review and update the work and presentations produced. It was agreed that each group leader would present at least one topic of particular interest for discussion at the committee meeting.

25. It was agreed to include as an ongoing agenda item, reports from members who attended conferences/ meetings relevant to the activity of this Committee.

26. There was some concern about the lack of visibility of the output from the Committee and the following ideas/suggestions were agreed:

- Produce a note for *RINA Affairs* and RINA News. (A note regarding the work of the RINA Maritime Innovation Committee has already been published in the July/August *RINA Affairs* and a report was included in the RINA Annual Report)
- Engaging with local branches
- Setting up a workshop/seminar on maritime innovation. Possible topics: ship emissions, SOx, future alternative types of fuels, zero emissions target for the year 2050.
- Engaging with industry and universities
- Production of technical papers/notes on particular topics such as Energy/alternative fuels(biodiesel/ammonia/hydrogen), autonomous ships and digitalisation

27. As requested by the Board, the Committee also reviewed its Terms of Reference in particular E,D&I aspects and international involvement.

### **Professional Affairs Committee**

28. The Chairman reported that the PAC had met once since the last Council meeting.

- **Committee matters**

29. There were four new members into the PAC. Two had an industrial background and two had an academic background. These additions to the Committee, together with another academic available on an ad hoc basis, had significantly increased the academic resource available for university accreditations and extends our international footprint. The membership of Committee now stood at 20.

30. The Committee was currently undertaking a review of the its ToRs as requested following completion of the Strategic Review.

- **Academic Accreditation**

31. No academic accreditations had been undertaken during the period.

- **Initial Professional Development (IPD)/Graduate Training Schemes**

32. Members of the PAC visited BAE Systems (Submarines) and recredited their Graduate Training Scheme. The Committee is in ongoing discussions regarding training schemes with a number of organisations.

- **Continuing Professional Development (CPD)**

33. The 2018 sampling of Member's CPD, carried out by the CPD Working Group, is complete. The final report on the outcomes, including changes to the procedure, etc for this year's sampling will be discussed at the next meeting.

34. As with previous years the return rate for requests for CPD records has been disappointing despite the fact that this is now a mandatory requirement.

35. The Committee was involved with a number of organisations seeking endorsement for their CPD courses.

- **LATW Schemes and Graduate/Higher Degree Apprenticeships**

36. There had been no major activity since the last meeting.

- **Engineering Council Business**

37. The PAC continues to support and participate in various Engineering Council activities such as the Professional Development Forum, the Engineering Accreditation Board, etc.

- **ED&I**

38. The ED&I Working Group has produced a draft action plan which incorporates the SR recommendations. This is currently being reviewed and a revised draft will be presented and endorsed at the next PAC Meeting in February.

### **Disciplinary Committee**

39. The Chairman reported that there were no allegations of professional misconduct currently under investigation.

### **Membership Committee**

40. 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.

### **Maritime Safety Committee**

41. The Chairman reported that the Safety Committee had met once since the last Council meeting and would next meet in March.

42. A successful Safety Techniques Workshop and Seminar was run in November, with plans to run another in April. The Committee is encouraging modern communications to reflect the international membership and Institution's strategic direction.

43. The Committee discussed the opportunity to support a student competition on lifesaving concepts joint with the innovation committee. It discussed the need to promote more widely the Maritime Safety Award in 2020. The Committee is creating a table of significant accidents and the lessons from them, together with a methodology using IMO Formal Safety Assessment (FSA). The Committee discussed recent accidents incl. Queen hind (and other livestock carriers); Skraastad; Stellar Daisy;

44. The role of what the role of naval architecture input is in collaboration with other professional societies in complex maritime systems, increasing managed through software, autonomy and cyber vulnerabilities. It was agreed that the Institution should be more actively involved in discussions with the IMO Committee. A nominee was also requested from the Institution to support work on fishing vessels.

45. The Executive had been asked to contact Professor D Vassalos to progress the paper on inclining experiment error and find out more about how the Institution could participate in promote evidence collation and next steps. Opportunities for safety in the conference program, including the conference on ship design with considerations the Maritime Environment Committee with the 2020 Events Programme were debated.

## **Maritime Environment Committee**

46. The Chairman reported that the Maritime Environment Committee continued to develop its guidance document on Design for the Maritime Environment and has developed a draft pictogram that will support the guidance, showing the specific interactions a vessel has with the marine environment. This is being worked on between sessions with a view to completion by the next meeting.

47. The Committee has also been active in supporting the IMO Committee in its many deliberations around submissions to the IMO GHG WG. The active engagement is a good example of how the different committees are interlinked and supporting each other.

- **Maritime Environment Award**

48. The Committee considered that although the Maritime Safety Award did encompass the safety of the maritime environment, the title did not give it equal prominence or standing. It was therefore proposed that a Maritime Environment Award should be introduced. The proposal was accepted, and the Maritime Environment Committee was actioned to provide a draft specification for such an Award. The Chief Executive was actioned to seek sponsorship for an Award

- **Global Warming Policy**

49. Following discussion about the Institution's approach to global warming and what if any actions or public facing position it was taking, the Maritime Environment Committee was actioned to draft the Institution's policy on global warming.

*Post meeting note:*

*At the subsequent Board meeting, the Maritime Environment Committee was requested to include reference to the Institution's investments policy with regard to global warming.*

## **DATE OF NEXT MEETING**

50. The next meeting will be held at 11:00 on 13 May 2020

## **ACTIONS ARISING OR OUTSTANDING FROM THE MEETING**

51. Action 01/20 (Para 48): Maritime Environment Committee to draft specification for a Maritime Environment Award

52. Action 02/20 (Para 48): Chief Executive to investigate sponsorship for a Maritime Environment Award.

53. Action 03/20 (Para 49): Maritime Environment Committee to draft Institution's policy on global warming.