

ROYAL INSTITUTION OF NAVAL ARCHITECTS

Minutes of Maritime Innovation Committee Meeting

held on 7th November 2018

1 MEMBERS

1.1 PRESENT

Bob Cripps	BCr (<i>Chairman</i>)
David Connolly	DCo
Steven Lee	SLe
Duncan Peace	DPe
Richard Neasham	RNe
Gordon Jackson	GJa
Simon Jones	SJo (<i>Tele-conference</i>)
George Mermeris	GMe (<i>Tele-conference</i>)
Holly Phillips	HPh (<i>Tele-conference</i>)
Trevor Blakeley	TBl (<i>Chief Executive</i>)

1.2 APOLOGIES

David Andrews	DAn
Michael Fan	MFa
Raouf Kattan	RKa
Matt Lewin	MLe
Ajit Sheno	ASh
Richard Westgarth	RWe
Philip Wilson	PWi
Paul Crossland	PCr (<i>Tele-conference</i>)
Stuart Hunt	SHu
Bengt Sangberg	BSa (<i>Tele-conference</i>)
Erik Tvedt	ETv (<i>Tele-conference</i>)
Jin Wang	JWa
Giuseppe Gigantesco	GGi (<i>Secretary</i>)

- 1.3 The Committee were advised that Karl Monk has resigned as member of the Committee due to his employment as RINA Technical Director. Thanks were expressed for Karl's contributions to the committee.

2. MINUTES OF THE PREVIOUS MEETING – 10th July 2018

2.1 The minutes of the previous meeting were accepted as a true and accurate record.

3. ACTIONS ARISING / OUTSTANDING from previous meetings

Action 1/18 (Para. 9.2 meeting 26/01/17) (**All**) to provide **BCr** with documents relevant to this Committee to be posted on the MIC Group page on the RINA website.

Superseded/Complete

Action 2/18 (Para. 4.2 meeting 22/03/17) (**TBI**) to update the Committee's TOR.

Complete

Action 4/18 (Para. 4.7 Meeting 24/05/17) (**All**) each group to complete the template and produce a short description outlining the theme.

Superseded/Complete

Action 7/18 (Para 6.1 Meeting 17/10/17) (**TBI**) to confirm MIC members future availability.

Complete

Action 8/18 (Para 4.2 Meeting 20/03/17) (**TBI**) to set up an area on the RINA web for each of the *Maritime Innovation* themes.

Complete

Action 9/18 (Para 4.3 Meeting 20/03/17) (**SHu**) to prepare a draft of the general diagram.

Complete

Action 10/18 (Para 4.4 Meeting 20/03/17) (**BCr**) to prepare a *summary* paper.

Complete

Action 11/18 (Para 4.5 Meeting 20/03/17) (**GGi**) to book a space in *The Naval Architect* journal (*June 2018 issue*) for the *Maritime Innovation* paper.

Superseded

4. DISCUSSION BY THE GROUPS ON EACH TOPIC/THEME

3.1. It was confirmed that separate group headings had been set up on the RINA website to enable groups publish the presentations and any subsequent updates.

3.2. It was requested that all group leads review their presentations and send their PowerPoint files not PDFs to **BCr** so that all presentations could be standardised prior to posting on the website. To be completed by 14th December. **ACTION**

3.3. Following a discussion it was felt that the title of *Operations, Maintenance and Training* should be changed to *Operations, Maintenance and Competencies*.

- 3.4. **DCo** confirmed that he still needed to complete a presentation for *Business and Economics*.
- 3.5. It was agreed that each group would maintain some form of technology watch in their particular areas and add any updates/report to the relevant area on the website as well as providing a report at the next meeting.
- 3.6. It was considered that there was need to maintain dialogue across the groups and it was suggested that individuals sent any information of interest to all committee members and/interested parties directly as well as posting on the website.
- 3.7. There was a long discussion about how the committee could interact with Universities and it was agreed that standard presentation of the output from the committee should be produced. It was considered the updated version of the *ship-shaped diagram*, already circulated, that tries to link all themes together produced by **SHu** would be helpful for this presentation. The matter of CPD training was also discussed at length.
- 3.8. It was agreed that there was a need to identify **the six key disruptive topics/technologies** that will influence the industry in the future and these will form the basis of the topics to be discussed by the Committee at future meetings. It was requested that members of the committee put forward their views on what they considered to be the six disruptive topics/technologies by the end of December such that these would be discussed at the next meeting. **ACTION**
- 3.9. It was confirmed that one of the roles of the Committee is to inform the Professional Affairs Committee of the need to ensure that future Naval Architects are embracing these new technologies and that they are meeting the need of industry in these areas.

4 PROPOSED NEXT STEPS

- 4.1 It was agreed that these had been dealt with under the previous agenda item.

5 COMMUNICATION TO MEMBERS

- 5.1 The ways of engaging with the membership remain unchanged as discussed in previous meetings.

6 Any Other Business

- 6.1 **BCr** advised that there had been a suggestion from the Chairmen of the other Technical Committee whether it was worthwhile trying to have a joint meeting to discuss matters of common interest. The general consensus was that it would be better to have

representative from each committee attending the other committee's meeting to report to and report back.

BCr agreed to discuss options with other Committee chairman. **ACTION**

6.2 All members of the committee were requested to confirm to **BCr** that they were willing to continue to service as a member of the RINA Maritime Innovation Committee by the end of December. **ACTION**

7 Dates of next meeting

7.1 The following dates of the meetings for 2019 were proposed:

- M1 10 01 19
- M2 13 03 19
- M3 23 07 19
- M4 06 11 19