

# ROYAL INSTITUTION OF NAVAL ARCHITECTS

## Minutes of Maritime Innovation Committee Meeting

held on 10<sup>th</sup> July 2018

### 1 MEMBERS

#### 1.1 PRESENT

Bob Cripps	<b>BCr</b> ( <i>Chairman</i> )
David Andrews	<b>DAn</b>
David Connolly	<b>DCo</b>
Paul Crossland	<b>PCr</b> ( <i>Tele-conference</i> )
Stuart Hunt	<b>SHu</b>
Bengt Sangberg	<b>BSa</b> ( <i>Tele-conference</i> )
Erik Tvedt	<b>ETv</b> ( <i>Tele-conference</i> )
Jin Wang	<b>JWa</b>
Giuseppe Gigantesco	<b>GGi</b> ( <i>Secretary</i> )

#### 1.2 APOLOGIES

Michael Fan	<b>MFa</b>
Gordon Jackson	<b>GJa</b>
Simon Jones	<b>SJo</b>
Raouf Kattan	<b>RKa</b>
Steven Lee	<b>SLe</b>
Matt Lewin	<b>MLe</b>
George Mermeris	<b>GMe</b>
Karl Monk	<b>KMo</b>
Richard Neasham	<b>RNe</b>
Edwin Pang	<b>EPa</b> ( <i>Chair IMO Committee</i> )
Duncan Peace	<b>DPe</b>
Holly Phillips	<b>HPh</b>
Ajit Shenoj	<b>ASh</b>
Richard Westgarth	<b>RWe</b>
Philip Wilson	<b>PWi</b>

1.3 Maurizio Collu resigned as member of the Committee due to a career move that would not allow any spare time to dedicate to this Committee.

## **2. MINUTES OF THE PREVIOUS MEETING – 20<sup>th</sup> MARCH 2018**

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

## **3. DISCUSSION BY THE GROUPS ON EACH TOPIC/THEME**

3.1 The various Groups had submitted updated power-point presentations that had been attached as supporting documents for the meeting.

3.2 **DCo** confirmed that he will prepare a revised version of the “*Power Generation and Energy Management*”.

3.3 **BCr** therefore asked for comments on each presentation.

3.4 With reference to “*Education and Research*” **DAn** reported about his attendance to a conference in Helsinki. He stated that there is need for improving the communication between industry and academia. The industry should inform the students of what will happen in the future rather than what is happening in the present.

3.5 **DCo** suggested that students should also have awareness of the “*management contract law*” that they will deal with in their professional life.

3.6 **SHu** presented a *ship-shaped diagram* that links all themes together. This diagram was circulated by e-mail just before the meeting. The Committee approved this first draft. **BCr** invited the members to suggest additional links that **SHu** will include in next version of the diagram.

3.7 **BCr** finally requested that all presentations would be placed on the RINA web in the area restricted to members of this Committee.

## **4 PROPOSED NEXT STEPS**

4.1 The Committee had a discussion about the next steps.

4.2 With reference to Action 10/18 regarding the preparation of a *summary paper* **BCr** stated that he would confirm the related details after discussing it at the approaching meeting of the RINA Council.

## **5 COMMUNICATION TO MEMBERS**

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

5.2 Once the *Maritime Innovation* information is ready it will be made visible through:

- RINA website
- Conference themes
- Workshops should be arranged on key technology areas
- Announcements at RINA branch meetings
- *Linkedin* posts & other social media

Members will be able to interact using:

- The discussion forum
- Potentially a *webinar* / *skype-business* session
- RINA Branch meetings (if committee members are willing to present at their local meeting)

## 6 Any Other Business

6.1 Most members stated their dissatisfaction with the tele-conferencing facility. **BCr** confirmed that he will raise the problem at next meeting of the RINA Council.

## 7 Date of next meeting

7.1 The date of the meeting for 2018 was agreed as follows:

- M4/18 – 09 10 18

## 8 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.

**Ongoing**

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

**Outstanding**

**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.

**Ongoing**

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

**Outstanding**

**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.

**Outstanding**

**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.

**Outstanding**

**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.

**Outstanding**