WORKSHOP PROGRAMME

17th April 2018

The Royal Institution of Naval Architects
8-9 Northumberland Street, London, WC2N 5DA

12.30 – 13.00 Registration

13.00 – 13.10 **Welcome**
Richard Birmingham
Professor of Small Craft Design, Newcastle University, UK
Chris Walters
Chair of the Technical Committee, RNLI, UK

SESSION 1 — Enhanced design and operation of SAR craft

13.10 – 13.30 **Research context**
Holly Phillips
Principal Naval Architect, RNLI, UK

13.30 – 13.50 **An overview of the approach**
Bob Dow
Professor of Marine Structures, Newcastle University, UK

13.50 – 14.10 **Numerical simulations – prediction of loads and response**
Simon Benson
Lecturer in Naval Architecture, Newcastle University, UK

14.10 – 14.30 **Towing tank tests – assessment of motions and global loads**
Federico Prini
Research Associate, Newcastle University, UK

14.30 – 14.50 **Sea Trials – inclusion of slamming load effects**
Federico Prini
Research Associate, Newcastle University, UK

14.50 – 15.05 Coffee break

SESSION 2

15.05 – 15.25 **Implementation of results**
Richard Birmingham
Professor of Small Craft Design, Newcastle University, UK

15.25 – 15.45 **Conclusions and future directions**
Holly Phillips
Principal Naval Architect, RNLI, UK

SESSION 3 — Related research

15.45 – 15.55 **Design and operation with reference to whole body vibrations**
Holly Phillips
Principal Naval Architect, RNLI, UK

15.55 – 16.05 **KNRM - current activity and future directions**
Hans van der Molen
Technical Superintendent, KNRM, NL

16.05 – 16.15 **Atlantic Pacific - current activity and future directions**
Thomas Coe
Technical Director at Atlantic Pacific, Atlantic Pacific / Frazer-Nash Consultancy, UK

16.15 – 16.25 **TBC - current activity and future directions**
Contributor to be confirmed

16.25 – 16.55 **Open discussion**

16.55 – 17.00 **Closing Remarks**

17.00 – 18.00 Refreshments

18.00 Depart