

Technical Meeting

Wednesday, 23 May, 17:30 refreshments, 18:00 start
Engineers Australia - Auditorium,
712 Murray Street, West Perth

Design of Icebreaking Supply & Research Vessels

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Annual General Meeting

WA Section RINA Committee

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Design of Icebreaking Supply & Research Vessels

Kenneth Goh
General Manager,
Knud E. Hansen Australia

Abstract

Naval architects at KNUD E. HANSEN are at the forefront of the design of polar vessels. The company has recently been responsible for the design of the new Australian Icebreaker, which will be the world's most capable Antarctic supply and research vessel when commissioned in 2020.

The presentation will focus on many unique requirements and challenges of icebreaker vessel design with reference to work on Australian and North American vessels. Topics include icebreaker types, ice regimes, icebreaking performance, hull forms, propulsion systems and how virtual reality tools have been used in the design process.

About the Presenter

Ken Goh is a senior engineer and General Manager for Knud E Hansen Australia, a Danish naval architectural practice that has been producing many types of highly specialised vessels designs for owners and operators all around the world. Coming from a background in automation and computer simulation, Ken cut his 'ship teeth' at AUSTAL during their rise to prominence, which has set him in good stead to this day. Recently he led the successful concept design team for the new Australian Antarctic research and supply vessel to be delivered in 2020. He is an advocate of digital-twinning technologies, energy optimisation and autonomous operations for future shipping and is actively involved with a number of research projects in these areas.

NEWS & Upcoming Events

Continuing Professional Development (CPD) Record

This is a reminder that all Fellows, Members and Associate-Members who are in or seeking active work must maintain and develop their competence and knowledge. This requirement is obligatory. The Institution reserves the right to monitor a member's CPD achievement through inspection of the CPD Record. More information on the CPD and recommendations on the format of the Record can be found on the website: https://www.rina.org.uk/continuing_professional_development.html

WA Section Committee

Committee encourages all who have interest in joining or would like to know more about the Committee activities to contact the Committee for further information: WA@rina.org.uk

WA Section LinkedIn Page

Linked-in page: The Royal Institution of Naval Architects – WA Section. All members are encouraged to follow!

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RINA WESTERN BULLETIN

WA Section

Annual General Meeting

Notice is hereby given that the Annual General Meeting of the WA Section of the Royal Institution of Naval Architects will be held at Engineers Australia - Auditorium, 712 Murray Street, West Perth, WA on Wednesday 23 May 2018 commencing at 6.30 pm Western Standard Time.

AGENDA

1. Opening
2. Apologies
3. Confirmation of the Minutes from the previous AGM (The Meeting Place, Fremantle, 16 May 2017)
4. Election and Confirmation of the Committee Members
5. Chairman's Report
6. Receive, consider and adopt the financial statements for the year ending 31 December 2017
7. Australian Division Representative Report
8. Forthcoming Technical Presentations
9. Technical Presentations Venue
10. Membership Aspects
11. News and Events
12. Other Business

Notice to All Members

WA Section accounts for the year 2017 have been audited. The accounts are available for review and comment. For more information contact the Treasurer Andy Phillips at Andy.Phillips@austal.com.

Nominations of the Committee

Nominations are invited for the election of new Committee members and re-election of the existing members. Please send your nominations to WA Section Secretary via e-mail WA@rina.org.uk

Post-Meeting Social Event

All members and friends are invited to join the post-meeting social gathering (BYI) at: Mayfair Pub, 72 Outram St, West Perth

RINA News & Events

Next Technical Meeting

Next technical meeting will take place on July 18th, 2018. Program will be advised in the RINA Western Bulletin and via the Linked-in page.

Future Technical Presentations

WA Section is inviting proposals from members, industry professionals and academia for new papers and presentations at the future technical meetings. Please contact us via e-mail: WA@rina.org.uk.

The Australian Naval Architect

All members are welcome to provide any industry updates for the Australian Naval Architect including people movements, new projects, current project updates and articles. Please send any updates to Tim: tim@perthhydro.com

RINA WA Section Library

The library will be moved to the new premises and be easily available to all interested. In meanwhile, contact Mal Waugh, Tel: 08 9591 9600, when you require any library material.

IMarEST News & Events

Next meeting of IMarEST WA Branch will be held on Wednesday, the 21st of June 2018, at Flying Angel Club, 76 Queen Victoria Street, Fremantle, with parking at the rear on Beach Street. Meetings commence with refreshments at 17.30 for 18.00 to start. The presentation topic will be advised later; stay tuned for the IMarEST West Coast Bulletin.



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