



RINA WESTERN BULLETIN

Technical Meeting Notice

Topic:

Marine Engine Emissions

When: Wednesday, 24th February, 18:00 start

Where: RINA Zoom

Cost: Free

Online Registration: [Register Here for Online Attendance](#)

WA Section RINA Committee

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Marine Engine Emissions Lachlan Colquhoun MAN

Abstract

This presentation will provide an overview of the types of emissions produced by internal combustion engines used in marine applications and some of the key drivers behind current and future emission limits set by the IMO and local regulators. In particular we will introduce some recent developments in IMO regulations pertaining to existing vessels. We will look at a case study of an emerging marine fuel and its relative merits in meeting future emissions requirements. Finally, we briefly touch on some of the existing technologies employed by engine manufacturers to reduce or 'scrub' emissions and current areas of development.

About the Presenter

Lachlan Colquhoun is MAN Energy Solutions' Marine Engine Sales Manager responsible for Australia and New Zealand. He is a qualified Mechanical Engineer with over 9 years' experience in the sale and service of diesel and gas fuelled engines. Prior to this he performed sales and project management roles in the mechanical and civil engineering fields.

RINA NEWS & Events

Committee Updates

The committee has an opening for a position of an Advertising Manager for RINA Australian Naval Architect publication. The role is a voluntary position, to identify possible ANA advertisers and establish personal contact. If anyone is interested, please reach committee for further details on WA@rina.org.uk

We encourage feedback and are more than happy to speak with anyone who would like to know more information about the Committee activities. The Committee can be contacted on: WA@rina.org.uk

Australian Naval Architect

Thank you to Mike Bailey for his HMAS Perth (I) article, which will appear in the February ANA. News for the May ANA can be sent in any time from now to WA@rina.org.uk. News can be anything from a single paragraph to a longer article with photos.

Upcoming Technical Presentations

RINA WA is always looking for interesting technical presentations and people to present them. If you have a topic or know of someone who does, please feel free to contact the WA section and we can look at getting it added to our event calendar.

RINA WESTERN BULLETIN

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RINA WESTERN BULLETIN

RINA NEWS & Events (Continued)

WA Naval Architects Recognitions

Women in Naval Architecture

Sonja van Woerkom, born and raised in WA, a Graduate Engineer at DOF Subsea. A graduate of Australian Maritime College, where she felt an instant connection with fellow students and lecturers. Sonja believes studying Naval Architecture at the AMC was the best decision she ever made, where she overcame challenges and had an amazing experience achieving her goals and making lifelong friends.



Hadiqa Khan, a first-generation immigrant from Pakistan and a WA resident, is a Graduate Engineer at Austal. A graduate of Australian Maritime College, for her, studying naval architecture was a lifelong ambition. She believes AMC is the best institute in this domain which lays strong foundation for a successful career in the maritime industry. Hadiqa's accomplishment, not only at AMC but securing a graduate role with Austal is a great triumph for her and her family.



We would like to recognise and feature our sections naval architect's achievements in our western bulletin, if you have any memberships status change, accreditation, etc to include, please send them to wa@rina.org.uk.



LinkedIn

Join for event updates and discussion.

[Royal Institution of Naval Architects \(RINA\) – WA Section](#)



YouTube

RINA now has a YouTube channel where presentations from around the world will be made available, click the following link to check out what has already been uploaded:

https://www.youtube.com/channel/UChb1sfHbWfQmG-iwpp_QGJg

RINA WA Section Library

The library is now located at Bentley Systems. Access to the library can be arranged by contacting:

Daniel Veen: Daniel.Veen@bentley.com

James Clarkson: James.Clarkson@bentley.com

Catalogue in Excel format is available at <https://www.rina.org.uk/walibrary>

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