

# RINA WESTERN BULLETIN

## Technical Meeting Notice

Topic:

### **Translating Oil & Gas TOTEX Reduction Experience into Floating Offshore Wind**

When: Wednesday, 30<sup>th</sup> June, 17:30 refreshments, 18:00 start

Where: Engineers Australia, 712 Murray St, West Perth

Cost: Free

Registration: [Register Here](#) **REGISTRATION IS ESSENTIAL**

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

*(Please note invite for drinks at Mayfair Lane following meeting on p.2)*

### WA Section RINA Committee

Chairperson:	Piotr Sujkowski
Vice Chair:	Kenneth Goh
Secretary:	Nathan Chappell
Treasurer:	Cheslav Balash
Members:	Sammar Abbas
	Gino Parisella
	Ian Milne
	Hadiqa Khan
Division	
Representative:	Yuriy Drobyshevski



Enda O'Sullivan, Vice President & Director

### **Abstract**

With Energy Transition having gained unstoppable momentum, the race is on to find and develop the best global renewable energy resources. Offshore wind is not a new domain, but with the best onshore/fixed wind sites largely allocated there is growing international interest in developing floating wind sites. The bad news is these floating wind sites are further from shore and in more hostile environments; the good news is the oil and gas sector has operated in these environments for over 40 years.

Wood has coordinated a program of cross discipline workshops on how to translate the TOTEX cost saving lessons learned from 40 years of oil and gas floating facilities operating in hostile environments into economic, safe and reliable floating wind facilities.

The workshops identified 19 topics for TOTEX reduction, spread across 7 themes. The presentation covers the value to developers of these themes and the actions by industry and government needed to deliver these reductions.

The impact of these lessons and value improvers on TOTEX has been assessed using the Wood Floating Wind Cost Model [FWCM]. The FWCM looks at the impact on both CAPEX and OPEX of designing floating wind farms with high reliability, high automation and maximum onshore operations. As an imperative going forward, the FWCM assesses the impact of carbon costs when using different locations and labour rates for fabrication of the floating wind facilities.

### **About the Presenter**

Enda has 30 years' experience in the offshore energy industry. His first foray was in wave energy off the coast of Ireland; great resource but too early in the piece. With stints spent in Aberdeen, Houston and since 2006 in Perth, Enda has held a number of technical and managerial roles. Enda is director of Wood Australia and is truly naturalised with weekends taken up either at the netball court, footy oval or Optus stadium supporting the Dockers.

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## **In memory of Dr Neville Anthony (Tony) Armstrong**



On Tuesday 18 May 2021, our dear friend and colleague, Dr Neville Anthony (Tony) Armstrong passed away at the age of 76 and after 18-month long battle with cancer. We have lost a remarkable Naval Architect and scientist. Tony was one of the most prominent Australian Naval Architects and a world-wide known researcher in high speed ship hydrodynamics. His ideas and passion for science were an inspiration for many and his contributions were fundamental to the success of our local high-speed shipbuilding industry, putting it on the global map as a leading high-speed vessel builder and innovator. Tony will be dearly missed. Those who can and wish to join in. We will commemorate Tony and his achievements during the upcoming technical meeting and then will gather for casual private farewell drinks after the meeting at the Mayfair Lane Pub in West Perth. All who wish to join in are welcome.

## **RINA NEWS & Events**

### **Drinks at The Mayfair, West Perth – 30<sup>th</sup> June 2021 (after the technical meeting)**

We would like to invite you to a drink at Mayfair Lane (72 Outram St, West Perth WA 6005) following on from the technical meeting to thank the departing committee members (Syed, Matt and Tim) for their services and to raise a glass to Dr. Tony Armstrong.

### **Committee Updates**

The RINA WA 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 contacts. If anyone is interested, please reach out to the Committee for further details on [WA@rina.org.uk](mailto:WA@rina.org.uk)

The Committee is also looking for nominations for new members. Four vacancies are currently available.

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](mailto:WA@rina.org.uk)

### **WA Naval Architects Recognitions**

We would like to recognise and feature our section's naval architects' achievements in our Western Bulletin. If you have any news to share such as memberships status change, accreditation, etc, then please send them to [wa@rina.org.uk](mailto:wa@rina.org.uk).

### **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](https://www.rina.org.uk/continuing_professional_development.html)

### **Upcoming Technical Presentations – Be Part of It**

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.

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## **RINA NEWS & Events**



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](https://www.youtube.com/channel/UChb1sfHbWfQmG-iwpp_QGJg)

### RINA WA Section Library

The library is currently being relocated. New location and/or access details will be advised next month.

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

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