

Tasmanian Section Report to RINA HQ (London)

From: Tasmanian Section Secretary (*Nipuna Rajapaksha*)

Date: 29th July 2025

The Tasmanian Section of the Royal Institution of Naval Architects (RINA) is pleased to submit the following report outlining the activities undertaken during last 3 months and activities for the next 3 months.

1. Section Committee Meetings

The Section Committee convened on the dates in the *Table 1* to discuss upcoming events, membership engagement strategies, networking opportunities with local industry and academic institutions. These meetings continue to play a vital role in planning and governance of section activities.

Table 1: Dates of the Committee Meetings

Date	Status
21 January 2025	Held
04 March 2025	Held
01 April 2025	Held
06 May 2025	Held
03 June 2025	Held
01 July 2025	Held
05 August 2025	Next Meeting to be Held

2. Technical Presentations

The section hosted several technical presentations, featuring speakers from both industry and academia. These sessions covered range of topics and were attended by members, students and guests. The presentations were held alternatively between Launceston and Hobart. *Table 2* provides a summary of the presentations in the last 3 months and the upcoming presentations for the next 3 months and so on.

Table 2: Technical Presentations by RINA Tasmanian Section 2025

Date	Speaker	Topic	Status	Presentation Recording
18 Mar 2025	Dougal Harris ¹ Incat Crowther	High-Speed Aluminium Craft: Modern Design Approaches	Completed	Not Recorded
08 Apr 2025	David Lyons ¹ UNSW at Canberra	High-Speed Aluminium Craft: Modern Design Approaches	Completed	Live on RINA YouTube
20 May 2025	Alan Muir ¹	"Haps and Mishaps" at the Launceston Ship Lift	Completed	Live on RINA YouTube
17 Jun 2025	Brian Stafford ²	The Great Windships	Completed	Live on RINA YouTube
15 Jul 2025	Dr Hossein Enshaei ¹	Adaptation Under Constraints: A Naval Architecture Case Study in Tanker Conversion	Completed	Sent to RINA HQ

19 Aug 2025	Peter Thurling ²	Update on the Australian Institute of Marine Science Research Vessel	Planned	TBC
16 Sep 2025	Eric Gubesch ¹ AMC & Blue Economy CRC	The Hydrodynamic Performance of a Novel Fish Pen	Planned	TBC
21 Oct 2025	TBA ²	TBA	Ongoing	TBC

Note: ¹Presenter in Launceston; ²Presenter in Hobart

All the presentations are started at 6.00 pm and streamed via Zoom alternatively between Launceston and Hobart.

2.1 Technical Presentation by Dr Hossein Enshaei

The presentation focused on a case study involving a tanker conversion. *Figures 1, 2 and 3* were captured during the session. An abstract of the presentation is provided below:

Abstract

The conversion of product tankers to chemical tankers presents a unique set of challenges for naval architects, particularly when upgrading vessels to meet IMO Type II/III standards. This presentation reflects on the 2007 conversion of two 35,000 GT product tankers at COSCO Shipyard in Guangzhou, China, highlighting key design and engineering considerations. These included tank reconfiguration and structural reinforcement, cargo system segregation, tank coating selection, and compliance with the IBC Code. The presentation will discuss the complexities of retrofitting within existing hull constraints, managing stability and longitudinal strength after internal modifications, and the coordination required across disciplines to achieve classification approval. Lessons learned are relevant to naval architects working on retrofit projects in evolving regulatory environments.

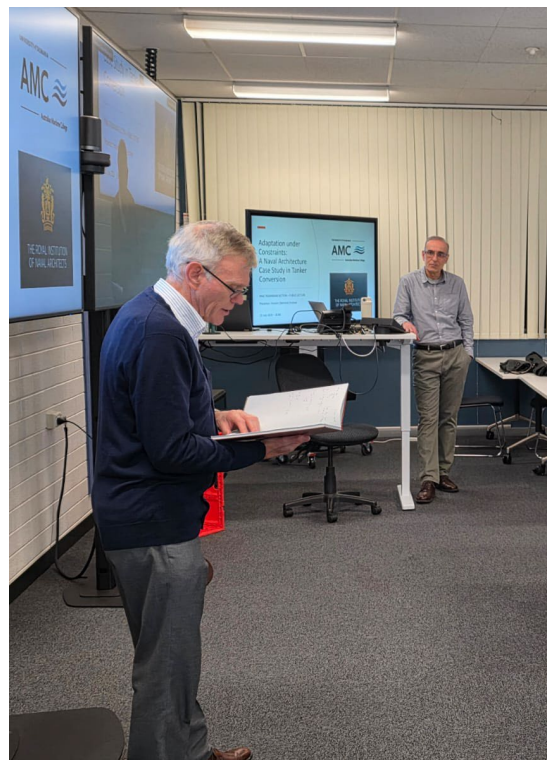


Figure 1: 5th RINA Tasmanian Section Technical Presentation, 2025 - Martin Renilson (Chairman) Introducing the Presenter Dr Hossein Enshaei.



Figure 2: Dr Hossein Enshaei while Presenting the Presentation

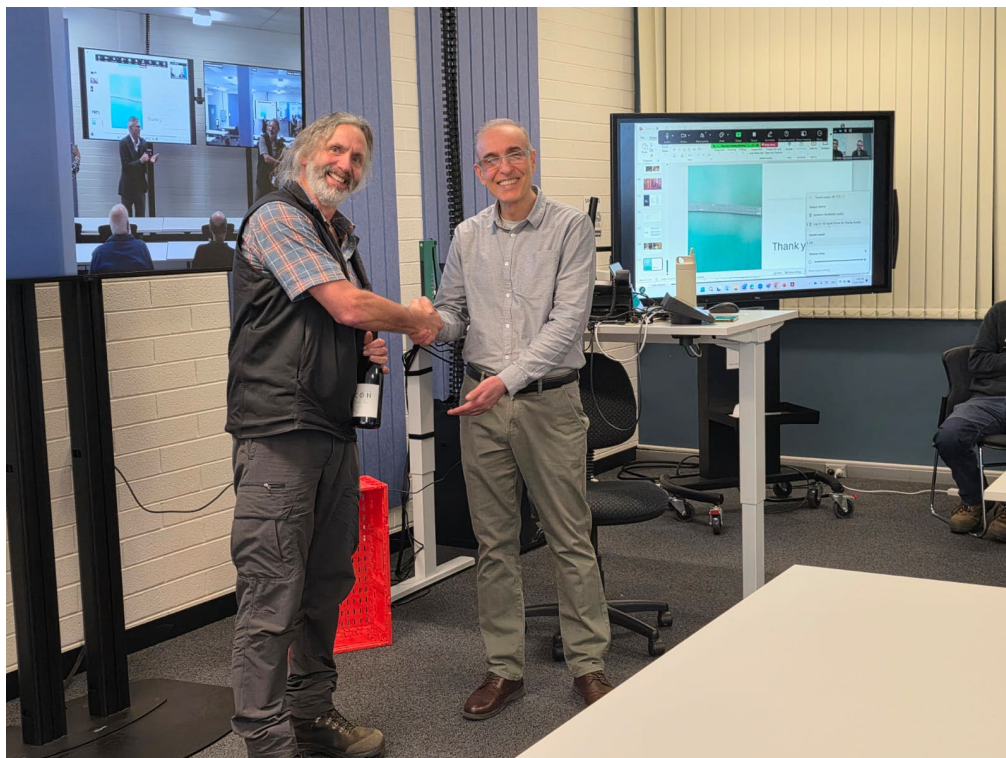


Figure 3: Dr Gregor Macfarlane Presenting a Bottle of Wine to Dr Hossein Enshaei as a Token of Appreciation at the End of Presentation

3. Annual General Meeting (AGM)

The Section AGM was held on 20th May 2025, during which the committee provided an overview of the year's Chairman's and Treasurer's reports. The meeting also included the election/confirmation of committee members for the upcoming term. The nominated committee members for 2025/2026 is in the *Table 3*.

Table 3: Nominated Committee members for 2025/2026 RINA Tasmanian Section

Member Position	Name
Chairman	Martin Renilson
Deputy Chairman	Richard Boulton
Secretary	Nipuna Rajapaksha
Treasurer	Chris Davies
Australian Division Council Representative	Chris Davies
Undergraduate Representatives	Remy Brannon Caleb O'Reilly
General Committee Members	Alan Muir Michael Woodward Michael O'Connor Gregor Macfarlane Doupadi Bandara

4. RINA Stand at Australian Maritime College (AMC) Career Expo

The RINA stand at the AMC Career Expo on 19th March 2025 was a great success. *Figure 4* is a photo taken during the event.



Figure 3: RINA Tasmanian Section Stand at the AMC Career Expo 2025
(Left to Right – Alan Muir, Doupadi Bandara and Martin Renilson)

A number of students, particularly first-year students who had attended lecture on RINA delivered by the Section Chairman (Martin Renilson), visited the stand. Several second-year students who had attended Martin's lecture the previous year also engaged with the stand.

The stand served as a valuable platform to educate students about the opportunities available in the field of naval architecture and the benefits of becoming a RINA member. The discussions at RINA stand helped raise awareness of the Institution's role in supporting professional development and industry engagement.