



JUNE 2021

# THE SHIPPING LANES

RINA & IMarEST Southern Joint Branch Bulletin

## Looking back, moving forward...

The past 18 months have been extraordinarily difficult but despite it all, the pandemic has provided us with the opportunity to evolve. Before the pandemic, we never seriously considered holding virtual lectures and then along came COVID-19... The last in-person lecture we held was in early March 2020 and the rest of the 2019/2020 programme was cancelled. Both RINA and IMarEST were supportive of this but they also expected us to deliver our 2020/2021 lecture programmes.

So we explored our options - the whole world was using Zoom by last summer and we decided to embrace this brave new world of 'are you on mute?', 'the internet's too slow' and my personal bug bear 'you forgot to allow the speaker to share their screen'. We didn't really know what we were doing in the first lecture and we completely forgot about recording it! After the lecture, IMarEST asked about the recording which led to a mild panic... Fortunately, Zoom records the lectures by default and within a day we had our own YouTube channel; now all nine lectures from the 2020/2021 lecture programme are available to watch.

We now have the challenge of working out how to deliver hybrid lectures for 2021/2022. The hope is that this will all be in place for the first lecture in October but please bear with us as it all depends on whether we can get a suitable venue. We are also tentatively planning on bringing back our social events starting with the President's Drinks Reception.

**Lizzie McCaig, Southern Joint Branch Council Chair**

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## 2021/2022 Lecture programme

We will be holding eight lectures and one technical visit as follows;

- Brittle Fracture in Steel Ships, 06 October 2021
- Large Yacht Stability, 04 November 2021
- The Resurgence of Flapping Foil Technology in the Maritime Sector, 09 December 2021
- Titanic and Regulatory Evolution, 06 January 2022
- MCA Counter Pollution (follows AGM), 09 February 2022
- Suiso Frontier – The World's First Liquified Hydrogen Carrier, 09 March 2022
- The Role of the MAIB and the Conduct of Marine Casualty Investigations, 05 April 2022
- Engineering Support to the Carrier Support Group during the 2021 Deployment, 11 May 2022
- Visit to Warsash Maritime Academy, 07 June 2022



Further details of lectures will be announced approximately one month in advance. Follow us on EventBrite to receive notifications of upcoming lectures.

"Scientists  
study the  
world as it is;  
engineers  
create the  
world that  
has never  
been"

THEODORE VON  
KARMEN





## Best Lecture Prize

Every year the Southern Joint Branch awards a prize for the best lecture of that's year programme. Normally, the Southern Joint Branch decides who to award the prize to however this year we thought we would ask the Members to vote for the best lecture.

<https://forms.office.com/r/HEttggqz8i>

As a reminder of the lectures, you can find all the recordings on the Southern Joint Branch YouTube Channel.



## Social Events

The Annual Dinner will not be taking place this year as it was thought to be too great a risk. However, we are tentatively planning on holding the President's Drinks Reception in September/October (pandemic permitting).

"The engineer  
has been, and  
is, a maker of  
history"

JAMES KIP FINCH



## Spotlight

The Spotlight feature shines a light on aspects of our industry that you might not know much about. In this edition we will be focusing on Island Ribs who are based on the Isle of Wight.

**Designers and manufacturers  
of rigid inflatable boats**

***Island* RIBS**

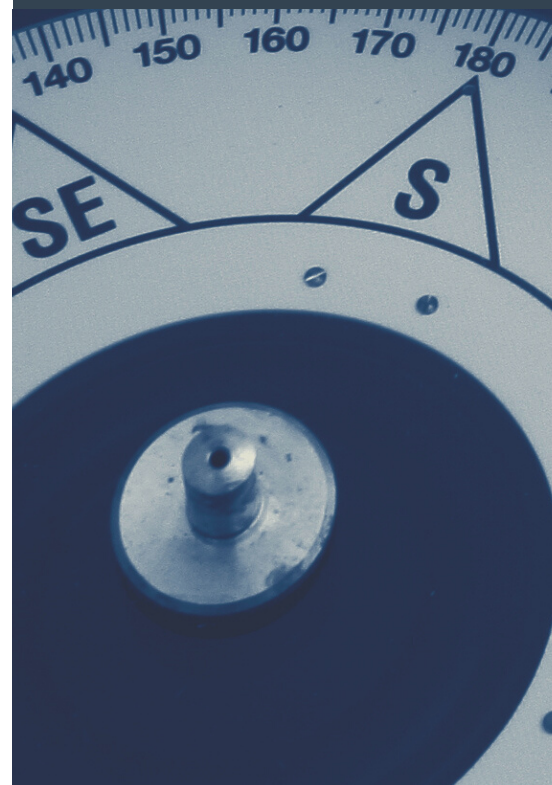
Island RIBs' hull design is perfected from 20 years of development in the Solent and Irish sea, where confused waters throw unexpected challenges. The RIBs give an incredibly dry and smooth ride thanks to a high bow, deep forefoot and, very importantly, weight distribution. This is a key aspect in their design as the longitudinal centre of buoyancy shifts depending on the boats speed. The hull provides low planing speeds even with high cargo loads and has an incredibly low resistance at optimal cruising speeds (30-35 knts) to allow the bow to cut through a standing head sea.



These boats are built to deal with rough seas with their moulded splashwell at the stern, providing increased structure and ensuring the safety of crew onboard the vessel. Island RIBs fit hand moulded polycarbonate windscreens rather than the industry standard acrylic. These windscreens are completely shatterproof and coated to provide UV protection.

"If you have  
knowledge, let  
others light  
their candles in  
it"

MARGARET FULLER





## Spotlight cont.

The RIBs are used by the likes of British Antarctic Survey for scientific research and diving operations, Sea Start marine services for break down recovery, and Williams Shipping for commercial operations. Island RIBs' 7.5m series craft are type tested to MCA cat. 3 (R), allowing commercial operators to work up to 20 miles from a safe haven. This is the maximum category possible for an open boat.

Island RIBs know how to build RIBs with meticulous detail. The young team have an uncompromising focus on quality from moulding the monocoque structure to internal fit-out. This process is procedurally controlled and monitored ensuring every boat is built to the same high standards.

Island RIBs design, build and train in-house. The team consists of shipwrights, Apprentices, development and marine engineers. They have admirable connections with the Lloyds register foundation and International institute of marine surveyors, and are regularly asked to voice their knowledge to organisations such as British Marine with regard to the future of ISO compliance.

For more information or to get in contact with the team email [info@island-ribs.co.uk](mailto:info@island-ribs.co.uk) or call on 01983 242727.

If there is anything you would like to see included in the Spotlight feature then please let us know by contacting [techsec@southernjointbranch.co.uk](mailto:techsec@southernjointbranch.co.uk) - we want to hear from you!

## Stay Connected

To receive updates about branch events and news, follow us on EventBrite (search for RINA & IMarEST Southern Joint Branch) and join our LinkedIn group (Southern Joint Branch of RINA & IMarEST). Subscribe to our YouTube channel to receive the latest recordings of lectures. You can also find information at our website;

[www.southernjointbranch.co.uk](http://www.southernjointbranch.co.uk)

"Strive for perfection in everything you do. Take the best that exists and make it better. When it does not exist, design it."

SIR HENRY ROYCE

