

Royal Institution of Naval Architects North West Branch

A Local Branch of the RINA

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THE ROYAL INSTITUTION
OF NAVAL ARCHITECTS

Date: Thursday 23rd March 2023

Time: 6:00 pm GMT (Refreshments from 5:30 pm)

Venue: John Moores University, James Parsons Building, Byrom Street, Liverpool, L3 3AF, Room No. 5.06 and Via Zoom

Zoom Details: Meeting ID: 813 5078 4766

Passcode: 258068

Organiser: RINA North West Branch

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The Challenges of LNG Bunkering

Presented by Mike O'Rourke, Consultant Marine Engineer, Waves Group Ltd.



As the world strives towards reducing the effect of global heating it has been identified that emissions from ships need to be cleaned up and so the search for alternative fuels began. LNG has almost always been used as a fuel for LNG ships that carry LNG as a cargo as this was the principal way in which the boil off gas generated by an LNG cargo was controlled.

So, LNG has become the first serious contender as an alternative fuel. A clean burning fossil fuel. This lecture looks at the differences in loading LNG as bunkers, due to its very low boiling point, compared to vessels that normal use heavy fuel oil and distillate fuels for fuel for their main engines and auxiliary generators.

Mike is an experienced marine engineer with 28 years seagoing experience sailing in every rank on steam and motor, oil, and LNG vessels. His practical experience covers a wide range of marine machinery and equipment including cargo containment systems, dual fuel propulsion and all associated auxiliary systems. He has 8 years as Chief Engineer predominantly on LNG carriers. Mike worked for 15 years in ship Technical Management, and during this time, he was responsible for bringing four 25,000 tonnes DWT IMO Type II Chemical Tankers with dual fuel propulsion into service.

The talk is free and open to all those interested.

Continued Professional Development	Certificate of Attendance at Technical Meeting by Branch Committee Member
	Name Signed