

Profile of Robert McMahon

Robert McMahon FIMarEST is a Chartered Marine Engineer specialising in Energy Efficiency measures. He is presently monitoring the trends of Maritime Asset Owners, Shipowners, Ship Builders, Marine Suppliers and Other Maritime Associates in how they are managing and complying with the ever-tightening Mandatory Ships Decarbonisation and GHG Emissions Reduction Rules designed to help limit Global Warming.

Robert served an engineering apprenticeship in Sydney, gained a Bachelor of Engineering from the University of NSW, and sailed as a Marine Engineer on the Australian Coast.

He joined Blue Star Line to see the world, sailed as Second Engineer at first and then as Chief Engineer, then Superintendent Engineer, in BSL, London, then Superintendent Austasia Line, Singapore, Fleet Chief Engineer for the Angliss Group with responsibility for 27 Freezer Trawlers and 3 Export Fish Processing works.

After a brief spell back at sea, Robert was appointed ANL Port Superintendent Sydney and then on to the position of Fleet Manager for the ANL bulk ships group based on Port Kembla.

With a focus on technical problems trouble shooting and ensuring quality maintenance and repair, of passenger ships, container ships, bulk ships, ro-ro vessels, heavy lift ships, reefer vessels and ferries, Robert has worked in tugs, on an FPSO, in anchor handling supply vessels and on various Naval vessels as a Naval Reserve Officer, managed dockings in the UK, USA, Singapore, Australia, Korea, and a major shipbuilding project in Japan as well as energy efficiency audits of Industrial Plants, Hotels, Commercial Buildings, Blocks of Residential Apartments and the entire Kakadu National Park ashore.

He purchased a charter boat on Sydney Harbour and grew the business into a fleet of 7 function and tourist vessels.

Robert brings an interesting range of Marine Engineering and Energy Efficiency experience to you in his report, "IMO Navigates the Hydrogen Age"

"IMO Navigates the Hydrogen Age"

In this report Robert McMahon explains how IMO has now turned up the heat on ship owners, ship managers and seagoing ship personnel by strengthening the mandatory regulations and telegraphing full speed ahead to ships decarbonisation and zero GHG emissions targets.

Shipowners in general, are now demonstrating a surge in interest potential energy efficient improvements in vessels, in methods of reducing energy consumption and emissions at sea and in port in existing ships, in effective supply chain planning, and in new construction design and building of highly efficient, IMO complaint, safe and profitable new vessels.

This report offers attendees a brief overview of the current IMO regulations and shows a selection of images, diagrams and information on different owner approaches to different vessel types present and future compliance with statutory safety rules and emissions regulations and crew training requirements.

Robert McMahon
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