

Powering Ahead

Fuels of the Future

Paul Russell MSc MIMarEST

Thursday 18th November 2021 at 1100 GMT by Zoom

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Meeting ID: 840 1398 8721 Passcode: 351540



The subject of the propulsion of merchant vessels has been a hot topic since trading on the high seas began. As the ability to build larger ships was achieved, so the need for different propulsion technology became apparent. At first, when the power of the wind alone was not good enough, coal driven steam ships were developed. The change to oil as a fuel meant that significant technological decisions were required, and now, given the quest for an improved environmental footprint, the decisions will be just as important.

The presentation gives a brief outline about some of the alternative arrangements that are currently being considered and the obstacles that are required to be overcome. Placing into perspective, the 'make or break' technical considerations that face the young managers working in the industry today.

Our speaker – Paul Russell

After completing a traditional engineering cadetship, time at sea and gaining his Chief Engineer's CoC, Paul entered Maritime Education and Training. After 24 years at North Kent College Paul worked as the Editor for the publication Marine Propulsion and Auxiliary Machinery. He now runs his own company, dedicated to the professional development of seafarers. As part of this, Paul is the Module Leader for the ship design section of the MSc in Operational management at Middlesex University and the external examiner for the marine students at Sunderland University. He is currently chair of the SE Branch of the Institute of Marine Engineering, Science and Technology (IMarEST)



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