Gas
As a Marine Fuel

Mr Ray Gillett,
General Manager of GTT Training Ltd

Increasing concern over the impact of human activities on our environment is encouraging the maritime transport industry to move towards using natural gas on board ships as a prime source of energy for propulsion and electricity generation. This trend is being reinforced by national and international regulation, led by the International Maritime Organisation (IMO), with its Emission Control Areas (ECAs). When compared to fuel oils, the burning of natural gas results in large reductions in the emissions of harmful atmospheric pollutants, such as nitrogen oxides (NOx) and sulphur oxides (SOx), enabling operators to meet the strict regulations that are coming into force, whilst the plentiful supply of gas that is available means that it could provide a fuel source well into the future. To store and transport the gas economically means that it has to be liquefied. Liquefied Natural Gas has been produced and transported in bulk for over 50 years with a very significant safety record. However, because of the purpose and location for which it is to be used, the requirements of shipping LNG in bulk and its use in the fuel business are quite different.

The speaker is Mr Ray Gillett, General Manager of GTT Training Ltd, a subsidiary of GTT (Gaztransport & Technigaz) the designers of the membrane tank systems installed in over 60% of the world’s LNG fleet, and specialises in delivering training and training simulation tools in all aspects of LNG to the LNG and marine industries. Prior to this appointment his background includes 17 years at sea primarily on LPG Carriers, briefly sailing as Captain, before coming ashore in 1991 to join the PetroChemical team at Warsash Maritime responsible for the Liquid Cargo Operations Simulator (Lchs). During the next 10 years he developed the first LNG Cargo Operations Simulator courses and assisted with the development of the SIGTTO Recommended Competency Standards for LNG & LPG vessels whilst also expanding his experience into developing training simulators for cargo operations and intelligent monitoring and feedback systems. In 2003, he transferred to L-3 DPA responsible for the development, marketing and delivery of the Lchs and Intelligent Systems products worldwide before transferring to GTT in 2014.

1830hrs for 1900hrs
Wednesday March, 22nd 2017
University of Portsmouth Portland Building.
Assemble in Atrium (PO 0.01 Space)
Event takes place in PO 0.41
South Lecture CTheatre
(Portland Building is on the corner of Street James’s Street and Portland Street (PO1 3AH)
Click here for map
Limited parking is available in the vicinity on a first come first served basis. Portsmouth City Council does levy a £2.00 charge.

Non-members welcome

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