



Technical Talk

Co-Organised by

The Joint Branch of the RINA and IMarEST (Singapore)

The Society of Naval Architects and Marine Engineers Singapore

Singapore Maritime Academy

IMO Sulphur Cap 2020 and Beyond



By

Mario Moretti MSc MRINA

RINa Singapore Pte Ltd

Date : 14th Nov 2019, Thursday.

Time : 6:30 pm to 7:00 pm Registration & Refreshment
The talk begins at 7:00 pm and ends at 8:30 pm

Venue: LT18A, Singapore Polytechnic
500 Dover Rd, 139651

To register your attendance, please click the web-link as follows,



<https://www.eventbrite.sg/e/imo-sulphur-cap-2020-and-beyond-tickets-79505600391>



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Synopsis

This technical talk and presentation will provide an overview of the various opportunities today to comply with 2020 sulphur cap IMO requirements.

Particular attention will pay to alternative fuels and hybrid power solutions available in the market, taking into considerations, not only the upcoming sulphur cap requirements in force starting 1 January 2020, but also – beyond such tight deadline – the IMO requirements to cut GHG emissions by 50% by 2050 compared to the levels in 2008.

The IMO Marine Environment Protection Committee Seventy-Fourth session (MEPC 74) held on May 2019 will be considered. Low Sulphur Fuel Oil (LSFO) would be the immediate solution to implement onboard ships sailing these days. Hence, LSFO quality assurance is something to be especially regarded. Scrubbers is another option with some possible limitations. Besides these two most common solutions nowadays, several alternative fuel applications will be mentioned more in-depth as related to mainly cruise ships and tugs. Several hybrid propulsion systems with battery power for ro-ro ships and ferries will be examined regarding the latest ongoing projects.

Sulphur limit is not enough to cut GHG emissions, but a holistic approach optimising the energy consumption has to be taken.

About the Speaker

Mario Moretti is the Asia Marine and Energy Senior Director of Registro Italiano Navale (RINA), stationed in Singapore. He is responsible for the company activities in the marine and energy sectors in Asia.

Mr Moretti has a master degree in Naval Architecture and Marine Engineering from the University of Genova, Italy. He is a member of the Royal Institution of Naval Architects in London, the UK.

Mr Moretti started his carrier in RINA in 2005 as a marine surveyor in Italy, and he relocated to Busan in South Korea in 2006. After two years spent in Korea and Japan, Mr Moretti moved to Shanghai, China in 2008 to take the position of Deputy Marine Manager of Shanghai office. In 2012 he moved to Jakarta as he was appointed Country Manager for Indonesia, East Malaysia and Brunei.

Since July 2016, Mr Moretti relocated to Singapore as Area Manager for South-East Asia, and he is in the present role since January 2018. Mr Moretti has also served as a Council Member in the Singapore Shipping Association from February 2018 to June 2019. Mr Moretti is a regular speaker on marine and energy-related topics in conferences and forums across South Asia and the Far East.

Location Map



SINGAPORE POLYTECHNIC | **SP** | 500 Dover Road, Singapore 139651 | www.sp.edu.sg

Nearest MRT Station: Dover (Green Line).

Bus 14, 74, 105, 106, 147, 166, 185.

Closest Bus Stops in Commonwealth Ave W: Dover Stn.

All members are welcome, and admission is free, but early registration is necessary.

No filming or walk-in guest is allowed for this event.

Dress code: business casual.

Photos taken by official photographers may be used by the organizers in their published material.