

# VMCC Fall 2020 Virtual Fall Mini Forum

November 20<sup>th</sup> – Future Fuels

*Sponsored by Corvus Energy*

## **November 6<sup>th</sup> 2020 Schedule**

9:00 AM Guests Log in

9:05 AM Welcome & Introduce Moderator

9:10 AM Corvus

9:30 AM Lloyds Register

10:00 AM Voltsafe

10:20 AM H-Tech

10:40 AM Fortis BC

11:00 AM Wartsila



### **9:10 AM – Corvus Energy**

***Sean Puchalski, Executive Vice President, Strategy & Business Planning***

Update on Energy Storage in Maritime Applications. Development of the hybrid & electric fleet with respect to vessel types, use cases and geographies. Case study on one or two vessel types.

### **9:30 AM – Lloyds Register**

***Naeem Javaid, Global Operations Manager – FOBAS at Lloyds Register***

This topic will cover why biofuels are considered as future fuel option for shipping and the feedstocks, processes and products classed as biofuels with the perceived environmental benefits. The statutory instruments to be consulted and process to follow for adopting biofuels on ships and finally the known challenges, operational feedback and economics of using biofuels on ships.

### **10:00 AM – Voltsafe**

***Sanad Aridah, Chief Technical Offer, Voltsafe***

VoltSafe technology is a new type of AC 120/240V power connector for electric application, which uses magnets both as convenient holding mechanism and to safely and consistently actuate electricity flow while charging. This presentation will give an overview of the technology as well as discuss marine applications.

*Cont'd on next page.*

**10:20 AM – H-Tech**

**Colin Armstrong, President & CEO, Hydrogen & Technology Energy Corp. (H-Tech)**

HTEC supports the adoption of clean hydrogen fuel by providing a variety of products and services in hydrogen generation, distribution and fuelling infrastructure. This includes the building of a by-product hydrogen purification, compression and liquefaction facility in Vancouver and hydrogen fuelling station in the San Francisco area, both of which HTEC will own and operate.

**10:40 AM – Fortis BC**

**Jorge Lobo, Senior Manager, LNG Commercial and Industrial Projects, Fortis**

The presentation will include FortisBC's general information as well as updates on its marine bunkering, Renewable Gases and sustainability activities. Specific subjects will include FortisBC's 30by30 target, current and future marine bunkering operations, FortisBC's LNG CI, Renewable Natural Gas and Hydrogen.

**11:00 AM – Wartsila**

**Mark Keneford, General Manager Marine New Vessel Project Sales USA & Canada, Wartsila**

The energy sources at hand including alternative fuels and fuel flexibility are as important elements on the road to decarbonisation as data and new technologies. Fuel flexibility, enabled by the combustion engine, is more important now than ever, de-risking today's investment decisions. We need to invest in future fuels where applicable (and complementary energy sources). With existing products, solutions and infrastructure at hand we can reach the 2030 if we act now – for 2050 targets there must be further development done. LNG is the best route to decarbonisation, transitioning from fossil LNG to bio- and synthetic LNG.

If you are interested in attending a particular discussion stream or taking part, please visit our website to register and participate.

<https://vmclimate.ca/events>