



Methanol as Marine Fuel

December 11, 2018
0830 - 1400 hours

Address Hotel
Dubai Marina, Dubai
United Arab Emirates



For the maritime industry it is decision time on choosing a cost-effective and long-term solution to comply with the IMO 2020 sulfur cap deadline. We have just over a year until the IMO's 0.5% global marine fuels sulfur limit goes into effect, and this is to be followed in the not too distant future with CO2 emissions compliance regulations.

Methanol as marine fuel has the potential to address both the sulfur cap as well as CO2 emissions.

Hear from maritime industry leaders and experts as they outline their strategies and their view on how the marine fuels landscape will shift in 2020 and possible solutions available

- Why Methanol?
- What are the technological and operational challenges posed by use of methanol as marine fuel?
- What is the availability of Methanol globally as marine fuel?
- Where does the IMO stand on drafting of regulations for use of Methanol as marine fuel?
- A price comparison with LNG, MGO/MDO, IFO and industrial methanol. What is the cost differential between high grade MEOH and industrial/Marine fuel grade.?
- Conversion or new build?
- How is lube choice affected by use of methanol?
- How are the engine builders' designs and plans affected by the cap?
- Will we see large-scale adoption of alternate fuels post-2020?

Registration

GRATIS. Limited seats available.
Kindly register interest soonest
by confirming participation on:
info@seacommerce.ae



SEMINAR: Methanol as Marine Fuel

0830-0900	Registration/Coffee
0900-0905	Welcome address: Nikeel Idnani, <i>Hon. Secretary IMarEST UAE</i>
0905-0910	Opening Remarks: Dr. Nasser Saif Al Mansoori, <i>Chairman Fed Com Abu Dhabi</i>
0910-0920	Panel Chair. Introduction: Carleen Lyden Walker, <i>Co-Founder & Executive Director NAMEPA. IMO Goodwill Ambassador (US)</i>
0920-0940	Alternate Marine Fuels. Comparison between LNG and Methanol: Capt. Saleem Alavi, <i>President Sea Commerce Consulting</i>
0940-1000	Shipowners perspective on operating vessels using Methanol as fuel. Methanol Economics and availability: Ben Iosefa, <i>VP Global. Methanex</i>
1000-1020	Current status of IMO regulations in the lead up to 2020's Sulphur cap & the recently concluded IMO Initial Strategy on GHG Emissions by 2050. Draft process of the interim guidelines for methyl/ethyl alcohol as fuels. The role of Methanol in being able to bridge the gap between where the shipping industry is right now and compliance with future regulations: Tim Chan, <i>Manager BD, Methanol Institute</i>
1020-1050	Q & A
1050-1110	Coffee Break
1110-1130	Newbuild or Conversion – an indepth hands on view on conversion of an existing vessel to use Methanol as marine fuel. (Conversion of Stena Germanica): Bengt Ramne, <i>MD ScandINAOS Sweden</i>
1130-1150	What hurdles does classification society foresee on the use of Methanol as marine fuel?: Mark Penfold, <i>Technology Manager Gas Solutions team, ABS Houston, Texas, USA</i>
1150-1210	What are the latest developments in respect to the propulsion units using methanol as marine fuel: Ibrahim Behairy, <i>MD WinGD, Middle East</i>
1210-1230	Sustainability in Shipping: Carleen Lyden Walker, <i>Co-Founder and Executive Director NAMEPA, IMO Goodwill Ambassador (US)</i>
1230-1300	Panel Q&A: Nikeel Idnani, <i>Hon. Secretary IMarEST UAE</i>
1300-1310	Vote of thanks and closing remarks
1310	Lunch





Speakers

Dr. Nasser Saif Al-Mansoori was appointed CEO of Etihad Rail in September 2012, after serving on Etihad Rail's Board of Directors since 2009. Dr. Al-Mansoori brings with him a wealth of experience in the logistics and transportation fields, as he has led and managed several high profile government projects.

Prior to being appointed CEO at Etihad Rail, Dr. Al-Mansoori served as the Director General of the National Transport Authority (Federal Government Entity), the Maritime, Rail & Land Administration, of UAE, in 2007, where he was responsible for implementing policies, laws and regulations to ensure efficiency and safety in maritime and land/rail transportation in the UAE.

During his tenure at NTA the Maritime Administration of UAE achieved many milestones, to name the few; development of online registration procedures, drafting amendment to the UAE Maritime Code, modernization of the organization in line with the UAE leadership's vision. The landmark Land Transportation law was drafted, passed by the cabinet and signed by the President in to the law.

Dr. Al-Mansoori began his career in 1988 as a City Planner in the Abu Dhabi Public Works Department, after which he took on a teaching position at UAE University. In 1997, he moved to the Department of Planning – Abu Dhabi, as director of the construction division. Dr. Al-Mansoori's experience also stems from the time he spent as Assistant Undersecretary of Technical Affairs – Department of Planning & Economy, Abu Dhabi.

In addition to currently serving as a member on the Etihad Rail board, Dr. Al-Mansoori also serves on the boards of various other government and NGO organizations, and was previously the Chairman of the Infrastructure Committee – Abu Dhabi Eastern Region Development Council, and a Board Member of Emirates Transport. He is also the founding member of the Emirates Traffic Safety Society and the UAE Sustainable Buildings Society.

Dr. Al-Mansoori holds a Doctorate degree in Urban Planning from Portland State University – Oregon, USA and a Master's in Urban Planning and Bachelor of Arts in Urban and Regional Planning from Eastern Washington University, USA. His achievements have been recognized with several academic awards, including the Sheikh Rashid Bin Saeed Al Maktoum Award for Academic Excellence.



Captain Saleem Alavi is the President, Sea Commerce (America) Inc. Captain Saleem Alavi joined Merchant Marine in 1970 and during last 48-year maritime career has so far included him as seafarer, ship owner, charterer, broker, marine surveyor/inspector, consultant, regulator, and industry analyst of a ship finance institution.

Last 5 years he worked in Oil & Gas industry as LNG Procurement and Logistic Consultant with Emirates LNG Abu Dhabi, on a LNG Regasification Terminal Project.

Captain Alavi has served as the Maritime Advisor and Director of the UAE Ship Registry, reporting directly to the Chairman of the Federal Transport Authority (FTA), the maritime administration of UAE based in Abu Dhabi.

Prior to joining the Federal Transport Authority (Maritime Administration of UAE), Captain Alavi was the head of Business Development & Research for the Department of Transport (Maritime Sector) in Abu Dhabi. He was Director of Business Development for Dubai Maritime City, joining DMC from DVB Bank AG in Rotterdam, where he was a Senior Vice President/Senior Business Analyst for its Research & Strategic Planning Department.

He served as the President at Sea Commerce America in Houston and has worked extensively with shipowners, charterers and traders all across the globe.

He sailed as a Master on merchant vessels before taking onshore assignment and has sea-going experience on nearly all types of vessels including bulk carriers, tankers, MPP/container, heavy lift, cattle carrier, reefer and passenger vessels.

Captain Alavi holds Master's degree in Maritime Logistic from Erasmus University, Rotterdam. In addition, he also holds Post graduate diploma in Maritime Law from London Metropolitan and Diploma in Maritime Investigation, Certificates in International Environmental Law, Alternate Dispute Resolution and LNG Contracting and Pricing. He holds Master foreign going certificate of competency.

Captain Alavi is member of Society for Naval Architects and Marine Engineers (SNAME) NY, Institute of Marine Economists (Australia), Society of Petroleum Energy, The World Association of Waterborne Infrastructure and Transport (USA Chapter) German Maritime Arbitrators Association (GMAA) Germany, International Association of Marine Investigators (IAMI) NY, Chartered Institute of Arbitrators (CI Arb) UK, Chartered Institute of Marketing (CIM) UK. He is also a Maritime Expert with EMAC.

Carleen Lyden Walker is the Co-Founder and Executive Director of NAMEPA (North American Marine Environment Protection Association) leveraging off her experience as a marketing and communications professional in the commercial maritime industry with over 40 years of experience. She specializes in identifying, developing and implementing strategic marketing and communications programs that increase the visibility and effectiveness of NAMEPA as well as the development of educational resources promoting marine environment protection. She works to develop strategic alliances between industry, regulators, conservation groups and educators to "Save the Seas".

In 2015, Ms. Lyden Walker was appointed an Ambassador by the International Maritime Organization (IMO). She is a member of WISTA (Women's International Shipping and Trading Association), the Connecticut Maritime Association, the Marine Society of the City of New York, INTERTANKO, The National Press Club, WIMAC (Women in Maritime Association, Caribbean) and is a Past-President of the Propeller Club Chapter of the Port of NY/NJ, as well as a Trustee of American Caribbean Maritime Foundation. She was also elected to the Board of Trustees of the Coast Guard Foundation, the Tall Ships America Foundation, New York Harbor Foundation and the New Era Academy Transportation Technologies Program in Baltimore. She sits on the Board of Gibbs & Cox.



Ms. Lyden Walker is also Chief Executive Officer of Morgan Marketing & Communications, is Chief Evolution Officer of SHIPPINGInsight, and the Co-Founder/Executive Director of the Consortium for International Maritime Heritage. In 2010, she was awarded the Certificate of Merit by the United States Coast Guard and in 2014 a Public Service Commendation for her work on World Maritime Day and AMVER, respectively. Ms. Lyden Walker graduated from Wellesley College with a BA in Political Science and History (minor in Economics) and studied Accounting at Cornell School of Business Administration, and is a trained facilitator and media trainer. She held a USCG Captain's license.

Ben Losefa is the Vice President, Global Market Development & Stakeholder Relations for Methanex Corporation based in Vancouver, Canada and has been a member of Methanex's Global Leadership Council since 2005. In addition to global commercial responsibility for developing new fuels markets for methanol he also oversees Methanex's regulatory and communications activities.

Mr. Losefa currently sits on various external boards and committees. In July 2013 he was appointed to the Board of Directors for Carbon Recycling International, a renewable methanol company located in Iceland. He has also been Chairman of the Methanol Institute since March 2016, and is Chairman of a board member of the International DME Association ("IDA").

Mr. Losefa holds a Bachelor of Commerce (Hons) and a Bachelor of Science from the University of Auckland, with a triple major in marketing and international business, management studies and labour relations, and geophysics.

Tim Chan joined the Methanol Institute (MI) as the Institute's Manager for Government Relations and Business Development for the Asia Pacific and Middle East regions. Tim will be working on the Institute's government relations strategy in Asia Pacific and Middle East, as well as looking into new applications for methanol to drive the expansion of the industry. Tim has experience in climate change issues at various the national government and inter-governmental levels. His focus to date has been on how the global climate change discourse and national regulations are affecting the transport sector, primarily in the transport sector's

transition to cleaner fuels. Tim graduated from Singapore Management University with a Bachelor's in Political Science and Legal Studies.

Nikeel Idnani (FIMarEST, CEng, CMarEng, MBA) is the Honorary Secretary of Institute of Marine Engineering, Science & Technology (IMarEST) UAE Branch.

Nikeel served onboard a variety of ships for 10 years as a Marine Engineer rising to the rank of Chief Engineer. Thereafter he has been employed by multinational corporations in Dubai holding regional responsibilities of business development and marketing, working successively for Service companies, Ship Repair/Building, Ship designers and a major classification society.

Since 2012, Nikeel volunteers as the Honorary Secretary of the IMarEST UAE Branch, inter alia hosting pro bono conferences to promote knowledge sharing & learning opportunities for the Middle East maritime fraternity. As a result of his success in turning around the hitherto dormant IMarEST UAE branch, he was honored in 2017 as the IMarEST worldwide 'Marine Ambassador' at the inaugural Outstanding Contribution Awards in London. In 2016, Nikeel received the IMarEST President's Commendation Award, recognizing exceptional service to the institute.

Bengt Ramn is the MSc Naval Architect, with a broad experience in ship design, ship building and marine transportation systems. Bengt has had a number of leading positions for sub-suppliers, shipyards and design consultant companies. He is today managing director of ScandiNAOS AB.

ScandiNAOS is a ship design consultant company with extensive experience in RoRo and RoPax vessel design, cargo access equipment design, transport system design, energy efficiency and alternative fuels.

During the recent years much of ScandiNAOS's efforts has been devoted to alternative fuels, methanol in particular, and energy efficiency in general through the EffShip project and its successors.

ScandiNAOS has been involved in all the major projects related to methanol as marine fuel and has established itself as one of the major forces to push the methanol development for marine applications.

Bengt holds a position as Professor of the Practice at Chalmers University of Technology





Speakers

Ibrahim Behairy is the managing director of Winterthur Gas & Diesel – DMCC. He started his career in Wärtsilä Saudi Arabia establishing its Ship Power/Marine Division in 1997. In 2006, he joined Wärtsilä Switzerland as Director for Sales taking charge of the Middle East region and sold and serviced more than 800 MW in the area. He has worked in several management positions in the Middle East: Kuwait, UAE, Saudi Arabia, also in Finland and Switzerland. In 2015 he has been assigned to lead the company in Dubai, UAE as Managing Director of Winterthur Gas and Diesel and responsible for the business developments activities of the offshore market, merchant fleet, including tankers, bulkers, and container ships. He supports the Marine Industry and Shipping in many conferences and Seminars by prompting new sources of fuel and helping Green and Eco shipping and introduced the first DF (Dual Fuel) engine in Middle East and shared in many Technical committees prompting LNG as clean fuel.

Mark Penfold holds the position of Manager with the American Bureau of Shipping, in the Corporate Global Gas Solutions team. Based in London, his role involves evaluating emerging engine, emissions, gas and alternative fuel related technologies, evaluating regulatory compliance issues and engaging in relevant industry and academic forums. Mark has been the project team leader for the ABS Guide for Propulsion and Auxiliary Systems for Gas Fueled Ships, the ABS Guide for LNG Bunkering and the ABS Guide for Exhaust Emission Abatement. He is also the IACS representative for the development of the IGF Code at IMO and the ABS representative with the CIMAC gas engine, emissions and Classification working groups. Prior to joining ABS, Mark was lead development engineer for a heavy duty diesel engine manufacturer focusing on performance, durability and emissions testing of 2-stage turbocharging and emissions aftertreatment technologies. Mark holds a First Class Honours Degree in Mechanical Engineering and is a Chartered Engineer with the Institute of Mechanical Engineers.

Organizer



Sea Commerce Consulting

Since its founding in 1992 in Houston, Texas, Sea Commerce has been comprehensively involved in many sectors of the maritime and oil & gas industries. Our maritime experience includes ship owning, management and operating, assistance in drafting of regulations and policies, financial, commercial, technical and strategic planning, industry analysis and benchmarking, research and development. Sea Commerce is one of the few companies with certified professionals who provide expert forensic marine investigation services for any operational issue, human error, or mechanical/electrical component failure. Jointly with our forensic marine investigations have encompassed both civilian incidents.

Sea Commerce understands the complexity of LNG markets and has offered our clients both technical and commercial advice necessary for developing, implementing and negotiating strategies. Our expertise ranges from advice and assistance on LNG chartering to vessel sale and purchase and newbuilding to assessing and evaluating the current market trends. We have been involved in an LNG Regasification Terminal project and have prepared the LNG

procurement strategy, ship – shore terminal interface study, economic comparison of FSRU newbuild vs. conversion study, offshore concept evaluation [FSRU, FSRU barge or Hybrid (FSU+ Regas module)] concepts, study on establishing of natural gas trading hub in UAE, monetization of terminal services, outlook for SSLNG in the region, and an analysis of LNG bunkering outlook in the region.



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Fed Com is a distribution and trading company. Our passion and ethics combine for a high degree of professionalism with a deep understanding of our clients' business.

We have developed from a classic trading company to a company with a large number of specialized competencies within occupational health and safety, business consulting, warehousing, distribution, energy and environment, and marine services. We work as trusted advisers and suppliers for companies and organizations seeking innovative solutions.

Fed Com collaborates with regional companies and specialist professionals so we can apply our combined experience to wide range of projects.

Our employees are located at our headquarters in Abu Dhabi, United Arab Emirates, which is the main seat of government for the country along with the hub of its Oil & Gas operations. As an Abu Dhabi licensed company, we can operate freely in all 7 emirates.

Fed Com is 100 percent Emirati owned and we pursue localization through backwards integration into existing chemical supply chains for manufacturing of products we sell. It is also our goal to train and share knowledge with younger Emiratis to expand their employment opportunities in the private sector.



Methanol Institute

The Methanol Institute (MI) was formed in 1989 to lobby the US Congress in support of using methanol and derivatives for high-quality, environmentally-friendly transportation fuels. Now, MI is the global trade association for the methanol industry. Since its inception, MI has facilitated the methanol industry's expansion to every corner of the world by focusing on the protection of existing markets, the growth in emerging energy markets, and serving as the voice of the global methanol industry. MI serves its members from its offices located in major global hubs of business in Washington DC, Brussels, Beijing, and Singapore.