

Symposium on IMO 2020 and alternative fuels

IMO HQ, London

Thursday, 17 and Friday, 18 October 2019

Day 1 – One-day session on IMO 2020

Chair: Mr. Hiroyuki Yamada, Director of the Marine Environment Division, IMO

09:30 – 09:45 Introduction and opening remarks by the Secretary-General

09:45 - 10:30 Member States' perspectives of IMO 2020 implementation and enforcement

- Mr. Nicholas Makar, Deputy Commissioner of Maritime Affairs, Republic of the Marshall Islands
Marshall Islands perspective of IMO 2020 implementation and enforcement
- Mr. Shin Imai, Director of International Office, Ocean Development and Environment Policy Division, Maritime Bureau, Ministry of Land, Infrastructure, Transport and Tourism, Japan
Preparation and cooperation between industries and Administration toward 2020
- Mr. Peter Ostenfeld, Senior Advisor, Danish Maritime Authority & Ms. Clea Henriksen, Special Advisor, Ministry of Environment and Food, Denmark
Enforcement of IMO 2020 - regional and global perspectives

Q & A with delegates

10:30 – 11:00 The view of wider society

- Mr. Bill Hemmings, Clean Shipping Coalition
View from civil society
- Mr. P K Mishra, IACS, Vice President and Regional Manager EU & Americas for the Indian Register of Shipping
Update on the most recent '2020 low sulphur' developments that IACS is aware of from both a Class and RO perspective

Q&A with delegates

11:00 - 11:30: coffee & tea break

11:30 – 13:00 Availability and quality of compliant fuel oil

- Capt. Segar, Assistant Chief Executive, Maritime and Port Authority of Singapore
Singapore's preparation for IMO 2020 global sulphur limit
- Ms. Monique Vermeire, Convenor ISO/TC 28/SC 4/WG 6
IMO 2020 from a fuel's specification perspective
- Mr. Eddy van Bouwel, Chair, marine fuels committee, IPIECA
View from the oil refinery industry
- Ms. Unni Einemo, Director, IBIA
View from the fuel oil supply industry

Introductory remarks from panellists followed by a panel discussion

Moderator: Ms. Heike Deggim, Director of the Maritime Safety Division, IMO

13:00 – 14:30: lunch break

14:30 – 16:00 Industry preparation and guidance

- Mr. Simon Bennett, Deputy Secretary-General and Mr. Sunil Krishnakumar, Senior Technical Adviser, ICS
Overview of ICS Guidance “Compliance with the 2020 ‘Global Sulphur Cap’”
- Mr. Sam Megwa, Deputy Director and Chief Representative to IMO, OCIMF, and Mr. Rob Cox, Technical Director, IPIECA
Overview of Joint Industry Guidance, with a focus on safety, and e-learning support for seafarers
- Mr. Andy Wright, Fellow, IMarEST
An engineer’s perspective of IMO 2020
- Ms. Gina Panayiotou, Global Head of Shipping & Energy, Michael Kyprianou advocates and legal consultants
Legal perspectives: re-shaping legal strategy for IMO 2020

Introductory remarks from panellists followed by a panel discussion
Moderator: Mr. Tianbing Huang, Deputy Director of the Sub-division for Protective Measures, Marine Environment Division, IMO

16:00 – 16:30: coffee & tea break

16:30 – 17:15 Use of scrubbers and LNG to comply with the 0.50% requirement

- Mr. Donald Gregory, Director, EGCSA
Use of scrubbers to comply with IMO 2020
- Mr. Mark Bell, Director, SGMF and Dr. Oliver Schuller, Principal Consultant, Thinkstep
Use of LNG as a marine fuel to comply with IMO 2020

Q&A with delegates

17:15 – 17:30: summary and close

Day 2 - Half-day session on role of alternative fuels in decarbonization of the shipping industry
Chair: Mr. Hiroyuki Yamada, Director of the Marine Environment Division, IMO

9:30 – 10:00 Introduction by the Secretariat

- Mr. Edmund Hughes, Head, Air Pollution and Energy Efficiency, Marine Environment Division, IMO
Initial IMO GHG Strategy – role of alternative fuels in meeting the ambition?

10:00 – 11:00 Options and drivers for alternative fuels to decarbonize the shipping industry

- Mr. Apostolos Petropoulos, Energy Modeler at World Energy Outlook team, IEA
Key findings about potential pathways for decarbonising maritime sector
- Dr. Tristan Smith, Reader, UCL Energy Institute and Dr. Carlo Raucci, Principal Consultant, UMAS
Options for alternative fuels, including options for their production and estimates of their potential cost and lifecycle GHG emissions
- Ms. Johannah Christensen, Managing Director & Head of Projects & Programmes, Global Maritime Forum (GMF) – Getting to Zero Coalition
The Getting to Zero Coalition and the role of shipping in the wider energy transition

Introductory remarks from panellists followed by a panel discussion

Moderator: Mr. Frederick Kenney, Director of the Legal Affairs and External Relations Division, IMO

11:00 - 11:30: coffee & tea break

11:30 – 12:45 Stakeholder perspectives on alternative fuels and decarbonization of the shipping industry

- Mr. Tore Longva, Principal Consultant, DNV GL
Maritime energy sources for the future
- Mr. Andrew Stephens, Executive Director, Sustainable Shipping Initiative
Is there a role for sustainable biofuels in the decarbonisation of shipping?
- Mr. Kanagalingam T. Selkvarasah, Maritime Attache, Malaysia, and Ms. Madadh Maclaine, Zero Emission Ship Technology Association
Investigation on the production and use of hydrogen as a marine fuel in Malaysia
- Ms. Alexandra Ebbinghaus, Maritime Strategic Project Lead, Shell Trading and Chair, GloMEEP-Global Industry Alliance
The development and supply of alternative fuels: a perspective from an energy company

Introductory remarks from panellists followed by a panel discussion

Moderator: Mr. Edmund Hughes, Head, Air Pollution and Energy Efficiency, Marine Environment Division, IMO

12:45 – 13.00: summary and close
