

ANNEX

PROVISIONAL PROGRAMME FOR THE TECHNICAL SEMINAR ON THE USE OF AMMONIA AS MARINE FUEL

Time	Presentation	Speakers
10:00-10:30	Welcome remarks by the moderator	Moderator Prof. Lynn Loo (Global Centre for Maritime Decarbonisation)
	Setting the Scene – IMO's ruleset and policies relevant for the use of ammonia as marine fuel	IMO Secretariat
Session 1: Ammonia production pathways, supply outlook for shipping and infrastructure (Each presentation will be followed by Q&A)		
10:30-11:00	Scaling ammonia as marine fuel	Ms. Vibeke Rasmussen (Yara)
11:00-11:30	Ammonia bunkering demonstration: recommendations and lessons from the Port of Rotterdam	Mr. Martin Eriksen (MMMCZCS) and Ms. Françoise Van Den Brink (Port of Rotterdam)
Session 2: Developments in ammonia-fuelled vessels and onboard technologies		
11:30-12:10	Developments in ammonia engine technologies	Mr. Tobias Krook, Mr. Anirudh Purayil and Ms. Dorthe Marie Sveistrup Jacobsen (EUROMOT)
12:10-14:30	Lunch break	
14:30-15:00	Challenges of ammonia engine certification	Mr. Patrick Jan (Bureau Veritas)
15:00-15:30	Ammonia-fuelled vessels, from concept to operational reality	Ms. Nathalie Deleuze (Belgium) and Mr. Liam Blackmore (Lloyd's Register)
15:30-16:00	Safe and practical ammonia-fuelled vessels	Mr. Jun Kato (NYK Line)
16:00-16:30	Coffee break	
Session 3: Operational, environmental and safety considerations		
16:30-17:00	Regulatory and technical considerations for the treatment of ammonia-containing effluents from ammonia-fuelled ships	Mr. Joonghun Kim (Korean Register)
17:00-17:30	Beyond carbon - environmental considerations of ammonia as a marine fuel	Dr. Sofia Esquivel-Elizondo (Environmental Defense Fund)
17:30-18:00	Fuel safety frameworks for ammonia: building the bases of safe operation	Mr. Tom Chitseko (Lloyd's Register Maritime Decarbonisation Hub)