

ANNEX
**TECHNICAL SEMINAR ON ONBOARD CARBON CAPTURE
AND STORAGE (OCCS) SYSTEMS**

PROGRAMME

11 September 2025, IMO Headquarters

Time	Presentation	Speakers
11:00-11:15	Opening	Moderator
	Setting the scene – IMO's ongoing work on onboard carbon capture and storage (OCCS) systems	Secretariat
State of play of onboard carbon capture and storage (OCCS) systems, latest developments, recent experiences and regulatory gaps (Each presentation will be followed by Q&A)		
11:15-11:45	Developing solutions for OCCS: insights from real ship projects in safety, operation, and regulation	Mr. Joseph Ohg (PANASIA, Republic of Korea) and Mr. Joonghun Kim (Korean Register, Republic of Korea)
11:45-12:15	Experience with the use of OCCS on board Clipper Eris	Mr. Sigurd Jennsen (Wärtsilä) and Mr. Tor Øyvind Ask (Solvang ASA, Norway)
12:15-12:45	Unlocking the carbon value chain: operationalizing offloading, transport and offtake of onboard captured CO₂	Prof. Lynn Loo (GCMD)
12:45-14:30	Lunch break	
14:30-15:00	An alternative approach to onboard carbon capture: turning CO₂ into limestone	Ms. Alisha Fredriksson (Seabound Ltd.)
15:00-15:30	Onboard carbon capture - key considerations and challenges	Mr. Hiromasa Kano (Mitsubishi Shipbuilding)
15:30-16:00	Onboard carbon capture: applications and perspectives	Mr. Xiangqian Fang (China Classification Society)
16:00-16:30	Coffee break	
16:30-17:00	The potential role of onboard carbon capture in decarbonization of shipping	Ms. Chara Georgopoulou (DNV)
17:00-17:30	Onshore-to-onboard decarbonization: targeting emissions reductions in the conventional maritime system	Dr. Hassan El-Houjeiri (KAPSARC, Saudi Arabia)
17:30-18:00	Onboard carbon capture implementation: lessons learned from the EverLoNG demonstrations	Mr. Jetro Dam (Heerema) and Ms Juliana Monteiro (TNO) (Netherlands)
18:00	Closing of the session	Moderator