

4 ALBERT EMBANKMENT
LONDRES SE1 7SR

Teléfono: +44(0)20 7735 7611

Facsímil: +44(0)20 7587 3210

Circular nº 4706/Add.1

3 mayo 2023

- A: Estados Miembros de la OMI y otros Gobiernos
Naciones Unidas y organismos especializados
Organizaciones intergubernamentales
Organizaciones no gubernamentales con carácter consultivo
- Asunto: **Programa provisional del simposio conjunto de la OMI y la República de Corea, titulado "Making headway on the IMO MASS Code" (Hacia delante con el Código MASS de la OMI) (30 de mayo de 2023)**

De acuerdo con la circular nº 4706, en concreto, su párrafo 4, se invita a las delegaciones que deseen asistir al próximo simposio organizado por la OMI y la República de Corea, titulado "Making headway on the IMO MASS Code" (Hacia delante con el Código MASS de la OMI), a que tomen nota del programa provisional que figura en el anexo. Está previsto que el simposio tenga lugar de forma híbrida el **martes 30 de mayo de 2023** (antes del MSC 107) en la sede de la OMI, sita en 4 Albert Embankment, Londres SE1 7SR.

ANNEX

PROVISIONAL PROGRAMME

SYMPOSIUM "MAKING HEADWAY ON THE IMO MASS CODE"

Time	Themes	Speakers	
<Opening>			
09:30~09:35	5'	Opening remarks	IMO Secretary-General
09:35~09:40	5'	Congratulatory remarks	Ambassador of the Republic of Korea to the United Kingdom
<Session 1>			
Technology: Development of MASS, Preparations for new era (Moderator: Mr. Charles McHardy, MSC MASS CG Chair)			
09:40~10:00	20'	Development of advanced intelligent navigation system for MASS and systematic verification process for developing highly reliable system	Korea Research Institute of Ships and Ocean Engineering Dongjin Yeo
10:00~10:20	20'	United Kingdom developments on Maritime Autonomous Surface Ships: research, legislation and industry projects	UK Maritime & Coastguard Agency Katrina Kemp
10:20~10:40	20'	Status and future plans for condition-based maintenance (CBM) technology development for ship's engine system	Korean Register Jaecheul Park
10:40~11:00	20'	Application priorities and technology challenges in Norway's R&D on autonomous ships	Norwegian Forum for Autonomous Ships Ørnulf Jan Rødseth
11:00~11:30	30'	Coffee Break	Sponsored by KOR
11:30~11:50	20'	Establishment of testbed for verification and validation of new technologies	Korea Research Institute of Ships and Ocean Engineering Geuntae Yim
11:50~12:10	20'	Q&A session <ul style="list-style-type: none"> Why technology is important for MASS? 	Moderator and presenters

- How technology can be applied to mitigate risks posed to conventional ships?

12:10~14:00 110'

Lunch Break

-

<Session 2>

**Industry: Proposal for development of MASS Code and commercialization of autonomous operation technology
(Moderator: Dr. Han-seon Park, Director, Korea Maritime Institute)**

14:00~14:20 20' Lessons learned from simulation and actual sea trials of autonomous navigation system and suggestion for general methodology Samsung Heavy Industries
Sungjoon Kim

14:20~14:40 20' Key principles of technology solutions for remote and autonomous shipping One Sea Association
Marko Rahikainen

14:40~15:00 20' Suggestion for the development of MASS Code in light of the impact of the current stature of the autonomous navigation systems in the market HD Hyundai
Dohyeong Lim and
Hyogyeeong Joo

15:00~15:20 20' AUTOSHIP – Autonomous Shipping Initiative for European Waters SINTEF Ocean
Lars Andreas Lien
Wennergberg
&
CiaoTech
Marco Molica Colella

15:20~15:40 20' From technology to reality: the implications of commercializing recognition technology considering MASS Code's situational awareness requirements Seadronix Corp.
Hankeun Kim

15:40~16:00 20' Q&A session
• How can the industry help develop the MASS Code? Moderator and presenters

16:00~16:30 30'

Coffee Break

Sponsored by KOR

<Session 3>

**Port: Digitalization of ports, link between MASS and ports
(Moderator: Ms. Keiko Miyazaki)**

16:30~16:50	20'	The digitalization of Incheon Port	Incheon Port Authority Jaehoon LEE
16:50~17:10	20'	How to use the IMO Compendium for operational data during port calls / AEGIS	SINTEF Ocean Marianne Hagaseth
17:10~17:30	20'	Innovation and technology in Busan Port	Busan Port Authority Jeonghum Yeon
17:30~17:50	20'	Q&A session <ul style="list-style-type: none">• How should multiple infrastructures, including ports, be linked when operating MASS?	Moderator and presenters
17:50~17:55	5'	Closing remarks	Director, IMO Maritime Safety Division Heike Deggim
17:55~18:00	5'	Commemorative photo	-
18:00~19:00	60'	Evening reception (Delegates Lounge)	Sponsored by Republic of Korea
