

## **11<sup>th</sup> CO-OPERATION FORUM**

Grand Hyatt Hotel, Singapore  
24-25 September 2018

### **AGENDA**

#### **1 Opening Session**

- 1.1 Video presentation
- 1.2 Opening Address by Guest-of-Honour, Mr Khaw Boon Wan, Coordinating Minister for Infrastructure & Minister for Transport, Singapore
- 1.3 Remarks by Mr Koji Sekimizu, Secretary-General Emeritus, IMO

#### **2 Plenary Session: Remarks by the Heads of Delegation from the three littoral States**

#### **3 Adoption of Agenda**

#### **4 Navigational Safety in the SOMS**

##### **4.1 E-Navigation**

- 4.1.1 The Requirements for Future Shipping – IALA's Work on e-Navigation  
*(By Mr Francis Zachariae, Secretary General, International Association of Marine Aids to Navigation and Lighthouse Authorities [IALA])*
- 4.1.2 Challenges and Opportunities in e-Navigation Development  
*(By Mr John Erik Hagen, Regional Director, Norwegian Coastal Administration, Norway)*

##### **4.2 Applications of Technology in Navigational Safety**

- 4.2.1 Next Generation Vessel Traffic Management Services  
*(By Mr Tang Wey Lin, Deputy Director (Port Systems), Maritime and Port Authority, Singapore)*
- 4.2.2 Modernisation and Maintenance of Aids to Navigation  
*(By Mr Hairizam, Marine Officer, Marine Department, Malaysia)*
- 4.2.3 Contributions from The Nippon Foundation in the Past and Potential Collaborations in the Future for the Safety of Malacca and Singapore Straits  
*(By Mr Mitsuyuki Unno, Executive Director, The Nippon Foundation)*
- 4.2.4 EMSA's Role to Enhance Maritime Safety, Maritime Security and Environmental Protection  
*(By Mr Markku Mylly, Executive Director, European Maritime Safety Agency [EMSA])*

#### **4.3 Safety at Sea**

- 4.3.1 Update on International Safety@Sea Week 2018  
*(By Capt Dorothy Sim, Manager (Safety Inspectorate), Maritime and Port Authority, Singapore)*
- 4.3.2 New Ship Routes in Danish Waters and the Danish Experience Regarding Maritime Cybersecurity  
*(By Mr Jan Thorn, Director of Safety of Navigation, National Waters, Danish Maritime Authority [DMA])*
- 4.3.3 The Designation of Routeing Measures in Lombok and Sunda Straits  
*(By Mr Hairizam, Marine Officer, Directorate General of Sea Transportation, Indonesia)*

#### **4.4 User States and Industry Perspectives**

- 4.4.1 Co-operation to Enhance Safety of Navigation in the Straits of Malacca and Singapore  
*(By Dr Shinichiro Otsubo, Senior Deputy Director-General, Maritime Bureau, Ministry of Land, Infrastructure and Transport [MLIT], Japan)*
- 4.4.2 Safety, Sulphur and the Straits  
*(By Mr Matthew Williams, Senior Marine Advisor, International Chamber of Shipping [ICS])*

#### **4.5 Discussion: Charting the Way Forward for Navigational Safety in the SOMS**

*Navigational safety in the SOMS remains one of the key priorities for the littoral States, user States, and other stakeholders of the SOMS. At the same time, new developments such as digitalisation and automation are transforming the shipping industry offering the potential for safer and more efficient shipping. This open session invites participants to discuss on topics relating to navigational safety in the SOMS. Some possible topics include: new challenges and opportunities in navigational safety, and application of technology in navigational safety.*

### **5 Protection of the Marine Environment in the SOMS**

#### **5.1 Prevention and Preparedness for Marine Pollution**

- 5.1.1 GISEA 2018 Activities in Supporting Oil Spill Preparedness and Response Capability in Southeast Asia  
*(By Ms Amanda Chee, Project Manager, Global Initiative Southeast Asia [GISEA])*
- 5.1.2 A Satellite Powered Solution for the Maritime Domain in the Straits of Malacca and Singapore  
*(By Mr Mohd Fairoz Rozali, Senior Principal Assistant Director, Marine Department, Malaysia and Mr Alastair Lees, EASOS Sdn Bhd / Catapult)*
- 5.1.3 An Update on the Port Reception Facilities in the SOMS  
*(By Mr Mohd Fairoz Rozali, Senior Principal Assistant Director, Marine Department, Malaysia)*

## **5.2 Practical Approaches to Protection of Marine Environment**

- 5.2.1 Meeting the Challenges of Marine Environment Protection in the 21<sup>st</sup> Century – Lessons from the Little Red Dot  
*(By Dr Karenne Tun, Director, Coastal and Marine Branch, National Biodiversity Centre, NParks, Singapore)*
- 5.2.2 Relevance of the London Convention and London Protocol to the SOMS  
*(By Professor Robert Beckman, Centre for International Law [CIL], NUS, Singapore)*
- 5.2.3 In Situ Laser Measurement of Skin Friction Drag of Ship Hull  
*(By Mr Muhammad Arif Kurniawan, Indonesia Classification Bureau [BKI])*

## **5.3 User States and Industry Perspectives**

- 5.3.1 The National Maritime Energy Efficiency Strategy of the Republic of Panama 2018 – 2030 (NMEESP 2018 – 2030)  
*(By Mr Rogelio Ruiz Rivera, In-Charge for Segumar Singapore, Panama Maritime Authority)*
- 5.3.2 Industry Perspectives and Contributions to Protection of the Marine Environment in the SOMS  
*(By Mr Tim Wilkins, Environment Director, INTERTANKO)*

## **5.4 Discussion: Sustainable Shipping in the SOMS**

*The SOMS is one of the world's most vital waterways – a bustling shipping lane and home to a rich coastal and marine ecosystem. This open session invites participants to discuss topics relating to the sustainability of shipping in the SOMS. Some possible topics include: sustainable shipping and port practices, transition to use of clean energy for shipping, and the importance of international and regional co-operation given the trans-boundary nature of pollution.*

## **6 Developments in the Co-operative Mechanism and the Straits of Malacca and Singapore (SOMS)**

- 6.1 Updates on the 20<sup>th</sup> and 21<sup>st</sup> Aids to Navigation Fund *(by Mr Hairizam, Marine Officer, Marine Department, Malaysia)*
- 6.2 MSC's Co-operation to Enhance Safety of Navigation in the SOMS and updates on the Joint Hydrographic Survey *(By Mr Eiichi Kato, Executive Director, Malacca Straits Council [MSC])*

## **7 Progress Report on the Straits Projects**

*The lead littoral State and relevant partners will provide updates on the following Straits Projects:*

- 7.1 Straits Project 1 – Removal of Wrecks in the Traffic Separation Scheme in the SOMS *(by Mr Mohd Fairoz Rozali, Senior Principal Assistant Director, Marine Department, Malaysia)*

- 7.2 *Straits Project 5 – Replacement and Maintenance of Aids to Navigation in the SOMS (by Mr Nanditya Wardhana, Head of Section, Directorate General of Sea Transportation, Indonesia)*
- 7.3 *Straits Project 10 – Study of the Blueprint for the Future Development of Safety of Navigation and Marine Environment Protection in the SOMS (by Mr Nanditya Wardhana, Head of Section, Directorate General of Sea Transportation, Indonesia)*
- 7.4 *Straits Project 11 – Development of Guidelines on the Places of Refuge (PoRs) for Ships in Need of Assistance in the SOMS (by Mr Mohd Fairoz Rozali, Senior Principal Assistant Director, Marine Department, Malaysia)*
- 7.5 *Straits Project 12 – Marine Oil Spill Monitoring System (MOSMS) in the SOMS (by Mr Mohd Fairoz Rozali, Senior Principal Assistant Director, Marine Department, Malaysia and Mr Wang Huan, Principal Staff, Maritime Safety Administration, the People's Republic of China)*
- 7.6 *Straits Project 13 – New Study for the Safety of Navigation in the SOMS (by Mr Eichii Kato, Executive Director, MSC)*

## **8 Closing Session**