



## **MEDIA RELEASE**

Singapore, 30 August 2022 | **For Immediate Release**

### **Enhancing Maritime Safety Through Collaboration, Connectivity and Technology**

*International Safety@Sea Week 2022 features 8 sessions focused on safety at sea*

The Maritime and Port Authority of Singapore (MPA) is organising the 9th edition of the International Safety@Sea Week, from 29 August to 2 September 2022. The annual event brings together top practitioners from the international maritime community to discuss issues relating to safety at sea and share best practices on maritime safety. This year's anchor event, the International Safety@Sea Conference, was launched by Mr Chee Hong Tat, Senior Minister of State for Transport and Finance, and will be conducted in a hybrid format<sup>1</sup> from 30 to 31 August at the Sands Expo and Convention Centre. The theme for this year's conference is "Riding the Waves for Maritime Safety" and will feature 20 local and international speakers. Please refer to [Annex A](#) for the full list of events.

2. 600 participants from more than 30 countries are expected to participate in the sessions across the week. In his opening address, Mr Chee shared several MPA-led initiatives, which enhances safety at sea.

#### **Leveraging on technology and connectivity to build maritime safety capabilities**

3. SMS Chee announced that MPA and the Infocomm Media Development Authority (IMDA) signed an MOU in mid-August 2022 to develop 5G mobile network capabilities in the maritime domain to enhance digital connectivity in the Port of Singapore. Full maritime 5G coverage in our major anchorages, fairways, terminals, and boarding grounds is scheduled to be delivered by mid-2025 and has the potential to unlock a full suite of maritime solutions leveraging complementary technologies such as artificial intelligence, internet-of-things, big data, drones and autonomous vehicles, to improve safety, effectiveness and efficiencies in maritime operations.

4. Ms Quah Ley Hoon, Chief Executive, Maritime and Port Authority of Singapore said, "Digitalisation continues to shape and transform the maritime industry, acting as a key driver for global trends such as logistics and supply chain efficiency and decarbonisation. MPA is taking the lead to help build a robust digital maritime

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<sup>1</sup> This is the first time that the International Safety@Sea Conference is conducted in a hybrid format.

ecosystem for Maritime Singapore, with fast, secure and high capacity 5G connectivity as one of the cornerstones to support real-time data exchanges in the maritime domain. Maritime 5G will enable our global hub port and International Maritime Centre to remain at the forefront of the competition.”

5. MPA’s incident response management and safety enforcement capabilities across the full spectrum of operations will be further strengthened through the development of the Integrated Port Operations C3 (Command, Control and Communications) system (IPOC system). The system is developed in collaboration with the Defence Science and Technology Agency (DSTA) and will enhance situational awareness and improve the efficiency and effectiveness of incident responses. The IPOC system will be progressively phased in from 2023 till 2026 as MPA upgrades its systems to serve our busy port waters.

6. A key capability that will be developed as part of phase 2 of digitalPORT@SG™ is the Active Anchorage Management System (AAMS). The AAMS taps on various data sources to optimise allocation of limited anchorage space for vessels. It ensures that the vessel is anchored safely taking into consideration various conditions including the wind, tide, depth and proximity to hazards and is scheduled to be launched in 3Q2023.

#### Enhancing education on maritime safety

7. MPA, the Workplace Safety and Health (WSH) Council and the National Maritime Safety at Sea Council (NMSSC) also jointly launched an educational video on safe boarding of vessels that would be screened at Marina South Pier and West Coast Pier to remind personnel boarding and disembarking vessels about good WSH practices.

8. A booklet containing case studies for working safely in and around water was launched at the event. The booklet features 10 case studies, including transfer at sea, transport via barges, mooring and diving operations. Each case study highlights lessons learnt and best practices to avoid workplace fatalities and injuries. Both the video and booklet are available online at [www.safetyatseaweek.gov.sg/resources](http://www.safetyatseaweek.gov.sg/resources).

#### MPA Academy’s Port Management Programme

9. In conjunction with the International Safety@Sea Week, 23 senior officials from maritime and port authorities from Africa, Asia, the Caribbean, Europe, Latin America, Oceania and International Maritime Organization (IMO), will be attending the 8th edition of the Port Management Programme (PMP). The programme, delivered by industry practitioners and senior officers from MPA will cover key topics including maritime safety, port planning, digitalisation, emergency preparedness, crisis communication and sustainability. Participants will also attend the annual ferry rescue

exercise (FEREX) and visit various MPA sites including the Integrated Simulation Centre and the Port Operations Control Centre.

### International Safety@Sea Awards

10. MPA will also be presenting the International Safety@Sea Awards during the conference on 31 August 2022. A record number of 19 winners will be receiving the award, given out annually to recognise the outstanding efforts of organisations and individuals who have contributed towards ensuring safer seas. The winners<sup>2</sup> were selected from nominations received across four categories<sup>3</sup> this year. New criteria are introduced from this year to enable the harbour craft, pleasure craft and regional ferry community to also qualify for the awards.

11. For more details of the sessions at International Safety@Sea Week, visit [www.safetyatseaweek.gov.sg](http://www.safetyatseaweek.gov.sg). Registration is free for all sessions.

<End of Release>

### **About the Maritime and Port Authority of Singapore (MPA)**

The Maritime and Port Authority of Singapore (MPA) was established on 2 February 1996, with the mission to develop Singapore as a premier global hub port and International Maritime Centre (IMC), and to advance and safeguard Singapore's strategic maritime interests. MPA is the driving force behind Singapore's port and maritime development, taking on the roles of Port Authority, Port Regulator, Port Planner, IMC Champion, and National Maritime Representative. MPA partners the industry and other agencies to enhance safety, security and environmental protection in our port waters, facilitate port operations and growth, expand the cluster of maritime ancillary services, and promote maritime R&D and manpower development.

### **For media queries, please contact:**

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<sup>2</sup> The full list of recipients and details of the awards will only be released on 31st Aug during the conference.

<sup>3</sup> Cat 1: Outstanding Search and Rescue Operations

Cat 2: Outstanding contribution to safety at sea (Individual)

Cat 3: Outstanding contribution to safety at sea (Corporate)

Cat 4: Open Category

## Annex A: International Safety@Sea Conference programme

### 30th Aug: Safety Forum 2 by MPA-Harbour Craft Safety Work Group “Instilling a Strong Safety Culture for the Harbour Craft Industry”

<b>Time</b>	<b>Programme</b>
09:05 - 09:20am	How Data from Harbour Craft Incidents Can Inform Decisions for Safety at Sea  Capt Hari Subramaniam Regional Head – Business Relations and MediSea The Shipowners’ P&I Club
09:20 - 09:35am	Presentation  Mr Mark Ko Executive Director Tian San Shipping (Pte) Ltd and member of National Maritime Safety at Sea Council, Singapore
09:35 - 10:55am	Panel Discussion “Instilling a Strong Safety Culture for the Harbour Craft Industry”  Mr Bernard Wong Head of Fleet Management PSA Marine (Pte) Ltd Moderator  Capt Chong Jia Chyuan Port Master / Deputy Director (Operations) Maritime and Port Authority of Singapore  Mr Mark Ko Executive Director Tian San Shipping (Pte) Ltd and member of National Maritime Safety at Sea Council, Singapore  Mr Chan Yew Kwong Senior Consultant WSH Council Singapore  Capt Hari Subramaniam Regional Head – Business Relations and MediSea The Shipowners’ P&I Club
11:00 - 12:00pm	Networking Reception

### 30th Aug: Opening Session: Riding the Waves for Maritime Safety

<b>Time</b>	<b>Programme</b>
16:05 - 16:15pm	Opening Address Mr Chee Hong Tat Senior Minister of State Ministry of Finance & Ministry of Transport
16:15 - 16:20pm	Launch of International Safety@Sea Conference 2022

16:20 - 16:25pm	Launch of Joint Initiatives with National Maritime Safety at Sea Council (NMSSC) and Workplace Safety & Health Council (WSHC)
16:25 - 16:40pm	IMO and The Human Element: Where Do We Go From Here?  Dr Heike Deggim Director Maritime Safety Division, International Maritime Organisation
16:40 - 16:55pm	Destination Zero: Ensuring Safe Progress for Shipping  Mr Knut Ørbeck-Nilssen Chief Executive Officer DNV – Maritime
16:55 - 18:25pm	Panel Discussion “Riding the Waves for Maritime Safety”  Mr Michael Phoon Deputy Chairman National Maritime Safety at Sea Council, Singapore Moderator  Ms Quah Ley Hoon Chief Executive Maritime and Port Authority of Singapore  Mr Arif Toha Director General of Sea Transportation Ministry of Transportation Republic of Indonesia  Dato’ Hj Baharin Bin Dato’ Abdul Hamid Director General Marine Department Malaysia  Capt André L. LeGoubin President The Nautical Institute  Ms Caroline Yang Vice-chair International Chamber of Shipping  Mr Andreas Brachel Vice President – Head of Environmental Claims Gard AS

30th Aug: Maritime Cybersecurity Dialogue: Cyber Safety@Sea

<b>Time</b>	<b>Programme</b>
09:35 – 09:50am	Maritime Cybersecurity Risk Management Mr Lionel Chew Senior IT Manager

	Maritime and Port Authority of Singapore
09:50 – 10:05am	Cyber Risk Management in Port Mr Terence Yeo Assistant Vice President, Infrastructure & Cyber Security Architecture PSA Corporation Ltd
10:05 – 10:20am	Towards Securing Maritime Infrastructure Prof Sudipta Chattopadhyay Assistant Professor Singapore University of Technology and Design
16:25 - 16:40pm	Panel Discussion “Cyber Safety@Sea”  Mr Michael Phoon Executive Director Singapore Shipping Association Moderator  Mr Lionel Chew Senior IT Manager Maritime and Port Authority of Singapore  Mr Terence Yeo Assistant Vice President, Infrastructure & Cyber Security Architecture PSA Corporation Ltd  Prof Sudipta Chattopadhyay Assistant Professor Singapore University of Technology and Design

31st Aug: Plenary 1: Dovetailing Seafarers’ Health & Wellbeing With A Good Safety Culture

<b>Time</b>	<b>Programme</b>
13:05 - 13:20pm	Winners of International Safety@Sea Awards
13:20 - 13:35pm	Communicating Towards Safety Capt Peng Chuxing Deputy GM, Head of Quality, Safety, Security & Sustainability Pacific International Lines Pte Ltd
13:35 - 13:50pm	How Mental Health Management Shapes Safety Culture and Risk Prevention  Mr Charles Watkins Clinical Psychologist and Founder Mental Health Support Solutions (MHSS)

13:50 - 14:55pm	<p>Panel Discussion  “Dovetailing Seafarers’ Health &amp; Wellbeing With A Good Safety Culture”</p> <p>Capt Yves Vandeborn  Hon. President  The Nautical Institute (Singapore)  Moderator</p> <p>Capt Peng Chuxing  Deputy GM, Head of Quality, Safety, Security &amp; Sustainability  Pacific International Lines Pte Ltd</p> <p>Mr Charles Watkins  Clinical Psychologist and Founder  Mental Health Support Solutions (MHSS)</p> <p>Ms Sikha Singh  Deputy Chief Executive Officer  Executive Group of Companies</p> <p>Capt Hari Subramaniam  Regional Head – Business Relations and MediSea  The Shipowners’ P&amp;I Club</p> <p>Dr Faizal Kassim  Medical Director  Primary Care Division, Fullerton Health Group,  Singapore</p>
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31st Aug: Plenary 2: Proactive Use of Data for Maritime Safety

<b>Time</b>	<b>Programme</b>
15:35 - 15:50pm	<p>Data Quality for Safety Learning Culture</p> <p>Prof Raphael Baumler  Head of Maritime Safety and Environmental Administration  World Maritime University</p>
15:50 - 16:05pm	<p>Proactive Use of Data for Maritime Safety</p> <p>Mr Peter Broadhurst  Senior Vice President Safety and Regulatory  Inmarsat Maritime</p>
16:05 - 17:25pm	<p>Panel Discussion</p> <p>“Proactive Use of Data for Maritime Safety”</p> <p>Capt Vibhas Garg  Director, Safety and Training  Wallem Group  Moderator</p>

Prof Raphael Baumler  
Head of Maritime Safety and Environmental  
Administration  
World Maritime University

Mr Peter Broadhurst  
Senior Vice President Safety and Regulatory  
Inmarsat Maritime

Rear Admiral Jacques Rivière  
Head QSSE Asia Pacific  
CMA CGM

Mr Jamie Ramsamy  
Head of HSSEQ  
Thome Group

Capt Ritesh Chawla  
Senior Manager  
Marine Safety and Vetting  
Rio Tinto