



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 format¹ 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

¹ 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.

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 winners² were selected from nominations received across four categories³ 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. Registration is free for all sessions.

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

³ 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”

Time	Programme
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

Time	Programme
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

Time	Programme
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

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

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

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