



## **MEDIA RELEASE**

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### **19th Singapore Maritime Week Opens with Record Attendance and Industry Participation at EXPO@SMW**

The annual Singapore Maritime Week (SMW) was officially launched today by Mr Murali Pillai, Minister of State, Ministry of Law and Ministry of Transport. Organised by the Maritime and Port Authority of Singapore, SMW 2025 returns for its 19<sup>th</sup> edition as a SG60 Signature Event celebrating the pivotal role of maritime in Singapore's nation-building journey.

2. Taking place from 24 to 28 March 2025 at the Suntec Singapore Convention and Exhibition Centre, SMW 2025 is expected to welcome more than 20,000 attendees from close to 80 countries, including government officials, port authorities, industry leaders, and maritime professionals. The expanded EXPO@SMW will feature close to 200 local and international exhibitors, including nine country pavilions, reflecting the growing global interest in Singapore as a leading maritime hub.

3. A key highlight at the opening of SMW 2025 was the delivery of the Singapore Maritime Lecture by Mr Lee Hsien Loong, Senior Minister of Singapore and his fireside chat moderated by Ambassador Chan Heng Chee, Ambassador-at-Large, Singapore's Ministry of Foreign Affairs. Topics discussed included how current geopolitical trends will shape international trade and the maritime industry, Singapore's vision and strategies for growing our hub port, and how Singapore can support and encourage green transition for the industry.

#### **Launch of Singapore's First Maritime Digital Twin**

4. At the opening ceremony of SMW 2025, Senior Minister Lee Hsien Loong, together with Minister of State Murali and various VIPs, also launched Singapore's first Maritime Digital Twin, an advanced simulation model developed by MPA in partnership with the Government Technology Agency of Singapore (GovTech) that integrates real-time data to enhance decision-making and improve management of maritime operations in Singapore waters.

5. The digital twin integrates real-time data from vessels, port operations and environmental sensors and uses artificial intelligence and predictive analytics, to optimise port operations, improve energy efficiency, and reduce emissions. It also enhances safety management and emergency response by supporting risk assessments for incidents such as oil spills and accidental release of gases into the atmosphere.

6. The digital twin will serve as a “sandbox” where companies and researchers can collaborate with MPA to develop and test new operating concepts and digital solutions before deploying them. Pilot testing using the digital twin will commence in the second half of 2025.

7. Industry use-cases demonstrating the potential capabilities of the digital twin, including real-time vessel monitoring and underwater visualisation of hull inspection and cleaning, will be showcased at EXPO@SMW during the Singapore Maritime Week from 25 to 27 March 2025.

### **High-Level Engagements and Thought Leadership Discussions**

8. Themed ‘Actions Meet Ambition’, SMW 2025 continues its focus on decarbonisation, digitalisation, maritime services, and talent development. Key engagements include the presentations delivered by heads of international organisations under the “Perspectives from International Organisations” segment, the high-level Dialogue on “Navigating Global Maritime Trends in 2025 and Beyond”, and the Industry Dialogue on the “Market Outlook for Shipping in 2025 and Beyond”. Notable attendees include Kaupo Läänerand, Deputy Minister for Maritime and Water Affairs, Ministry of Climate (Estonia), Philippe Tabarot, Minister in charge of Transport, Ministry of Spatial Planning and Decentralisation (France), Shri Sarbananda Sonowal, Union Minister of Ports, Shipping and Waterways, Ministry of Ports, Shipping and Waterways (India), Brigit Gijsbers, Vice Minister, Ministry of Infrastructure & Water Management (The Netherlands), Even Tronstad Sagebakken, Deputy Minister of Fisheries and Ocean Policy, Ministry of Trade, Industry and Fisheries (Norway), Hugo Espírito Santo, Secretary of State for Infrastructure, Ministry of Infrastructure and Housing (Portugal), Francis Zachariae, Secretary-General, International Organization for Marine Aids to Navigation (IALA), Dr Cho Sung Hwan, President, International Organization for Standardization (ISO), and Heads of shipping companies.

9. The Accelerating Digitalisation and Decarbonisation Conference, taking place from 25 to 27 March 2025, will address key developments such as artificial intelligence, cyber resilience, decarbonisation initiatives, and regulatory changes in the maritime industry. The Maritime Manpower Forum on 28 March 2025 will focus on workforce transformation and upskilling. The inaugural Singapore Maritime Research Conference from 26 to 27 March 2025 will feature academic, industry experts, and researchers discussing the future of maritime innovation.

10. SMW 2025 will also see eight internationally recognised Classification Societies in Singapore<sup>1</sup> renew the Letter of Intent signed with MPA in 2023 to deepen collaboration in emerging areas like wind technology and autonomous vessels. In addition, more than ten partnership agreements between MPA and various stakeholders will also be signed over SMW 2025.

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<sup>1</sup> American Bureau of Shipping, Bureau Veritas Marine & Offshore, China Classification Society, DNV, Korean Register, Lloyd’s Register of Shipping, Nippon Kaiji Kyokai (ClassNK), and RINA Services S.p.A.

## **Expanded EXPO@SMW**

11. EXPO@SMW<sup>2</sup>, which was first launched in 2024, will return from 25 to 27 March 2025. Spanning four halls at Suntec Singapore, the expanded exhibition will feature four thematic zones focusing on maritime innovation and technology, maritime decarbonisation, maritime services and talent, and a country zone<sup>3</sup>. Maritime-centric projects from participating schools will also be on display.

12. A key highlight at EXPO@SMW is the Maritime SG Showcase, which will showcase Singapore's maritime heritage and technological advancements, and MarineTech startups, including new capabilities across subsea, surface, air, cyber, sustainability, and space domains. Visitors can also experience first-hand emerging maritime technologies, such as Digital Twins and aerial drones.

## **New Talent@SMW: Connecting Talent with Maritime Careers**

13. A new addition for SMW 2025, the Talent@SMW programme will take place on 27 March 2025 at the Talent Pavillion to connect students, early-career professionals, and mid-careerists with career and skills development opportunities in the maritime sector. Visitors can attend recruitment talks, visit the career booths, and participate in curated tours of the pavilion led by MPA Maritime Youth Ambassadors. Participants at Talent@SMW include Institutes of Higher Learning such as Singapore Institute of Technology and Singapore Polytechnic, industry partners, Singapore Maritime Foundation, and Workforce Singapore.

## **MPA Strengthens Cybersecurity Resilience with Maritime Partners**

14. MPA announced the commissioning of the Maritime Testbed of Operational Technology Systems (MariOT)<sup>4</sup> today. The MariOT is the world's first industrial grade cyber-physical platform designed to provide a safe and realistic environment for testing cybersecurity technologies and training. Developed in collaboration with the Singapore Maritime Institute (SMI), Singapore University of Technology and Design (SUTD), and industry partners, the SUTD-based MariOT also supports the development of a sustainable cybersecurity talent pipeline for the maritime sector.

15. The inaugural MariOT exercise will take place from 27 to 28 March 2025. The exercise will simulate cyber threats targeting operational technology systems onboard vessels, such as the navigation and propulsion systems, and assess participants' ability to detect cyber intrusions and carry out the appropriate incident response protocols. Participants will also

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<sup>2</sup> Visit SMW 2025 [website](#) for the full list of exhibitors

<sup>3</sup> China, Canada, Estonia, France, Germany, India, Singapore, Norway, and the Netherlands.

<sup>4</sup> The Maritime and Port Authority of Singapore (MPA), in collaboration with the Singapore University of Technology and Design (SUTD), and the Singapore Maritime Institute (SMI), has commissioned Phase 1 of the Maritime Testbed of Shipboard Operational Technology Systems (MariOT) on 20 March 2025. More information will be available in the joint release to be issued on 25 March 2025.

undergo a training session co-developed by Estonia's Tallinn University of Technology and SUTD.

16. MPA will also host a cybersecurity tabletop exercise (TTX) at the Maritime Cyber Assurance and Operations Centre (MCAOC)<sup>5</sup> on 25 to 26 March 2025, bringing together more than 40 local and international participants. Building on the 2024 TTX, which validated MCAOC's prototype capabilities, this year's exercise will focus on using the MCAOC platform to process cyber threat information and coordinate timely information dissemination during a simulated cyberattack.

### **Public Engagement and Maritime SG Showcase**

17. To give public a taste of Maritime Singapore, a range of public engagement activities will be held across two weekends, from 21 to 23 March 2025 and 28 to 30 March 2025, at various locations including Marina South Pier and Tanah Merah Ferry Terminal. Visitors can look forward to Maritime Discoveries tours of significant maritime sites, maritime heritage talks, storytelling and arts and craft sessions at the Singapore Maritime Gallery, vessel showcase and rides. Tickets are limited and members of the public can sign up for these activities online at [eventbrite](#).

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<sup>5</sup> MPA launched the Maritime Cyber Assurance and Operations Centre (MCAOC) during SMW 2024 to assist maritime companies, research institutes and industry to collectively secure the maritime cyber space. Through collaboration with maritime stakeholders, the MCAOC provides real-time cybersecurity monitoring, disseminate information on cyber threats and system recovery measures, and identify possible vulnerabilities to strengthen incident prevention and response measures.

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

MPA was established on 2 February 1996 with the mission to develop Singapore as a premier global hub port and international maritime centre, and to advance and safeguard Singapore's strategic maritime interests. MPA is the driving force behind Singapore's maritime and port development, taking on the roles of maritime and port regulator and planner, international maritime centre champion, national maritime representative, and a champion of digitalisation and decarbonisation efforts at regional and international fora such as at the International Maritime Organization and the International Organization for Marine Aids to Navigation. MPA partners industry, research community and other agencies to enhance safety, security, and environmental protection, facilitate maritime and port operations and growth, expand multi-domain capabilities, and support the cluster of maritime ancillary services and manpower development. MPA is responsible for the overall development and growth of the maritime multi-domain and the Port of Singapore.

For more information, please visit [www.mpa.gov.sg/](http://www.mpa.gov.sg/)

## **About Singapore Maritime Week 2025**

SMW is an annual gathering of the international maritime community to advance key industry issues and exchange ideas to bring the sector forward. Driven by MPA, in collaboration with industry stakeholders and research and educational institutions, SMW brings together key opinion leaders and industry leaders through conferences, dialogues and forums.

The range of activities and events organised by MPA, industry stakeholders and research and educational institutions, as well as the cosmopolitan profile of participants, reflect the vibrancy and diversity of Singapore as a global hub port and leading international maritime centre.

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