

2025 Korean Maritime Week Workshop

Seoul, Republic of Korea

20 to 23 October 2025

Contribution to the IHO Work Programme 2025

Task 1.1.15 Maintain relationships with other international and observer organizations when their agendas have relevance to the programme of the IHO.

High level summary:

- The 2025 Korean Maritime Week (KMW) was held under the theme “The Beginning of Transition: New Opportunity, New Ocean,”.
- IHO’s participation focused primarily on the Digital@Sea Asia-Pacific Conference and the joint IMO, IHO and IALA Capacity-Building Workshop on Maritime Digitalization.
- The participation provided an excellent platform to engage with the Ministry of Oceans and Fisheries (MOF) officials, representatives of international and regional institutions, and participants from various countries.
- The joint Capacity-Building Workshop further strengthened collaboration among the IMO, IHO, and IALA, advancing their shared goal of delivering capacity-building and development initiatives jointly under the “Delivering as One” approach.

Details:

The 2025 Korean Maritime Week, held under the theme “The Beginning of Transition: New Opportunity, New Ocean,” took place at the Shilla Hotel in Seoul from 20 to 23 October 2025. The event featured a series of 17 events, including forums, workshops, and seminars. The International Hydrographic Organization (IHO) was represented by Secretary-General Dr. Mathias Jonas, Assistant Director Leonel Manteigas, and Infrastructure Centre Transition Manager Eivind Mong.

The IHO’s participation focused primarily on the Digital@Sea Asia-Pacific Conference and the Capacity-Building Workshop on Maritime Digitalization, the latter being jointly organized by the International Maritime Organization (IMO), IHO, International Association of Marine Aids to Navigation and Lighthouse Authorities (IALA), and the Ministry of Oceans and Fisheries (MOF) of the Republic of Korea.

Participation in the Korean Maritime Week provided an excellent platform to engage with MOF officials, representatives of international and regional institutions, and participants from various countries. It also reinforced collaboration among the IMO, IHO, and IALA toward the common goal of jointly implementing capacity-building and development initiatives as one.

Digital@Sea Asia-Pacific Conference

During the opening ceremony of the Digital@Sea Asia-Pacific Conference, IHO Secretary-General Dr. Mathias Jonas delivered congratulatory remarks and a presentation in Session 1 on *Hydrography as a Driver for Autonomous Vehicle Operations at Sea*, addressing the key enablers such autonomous sensor carriers, broadband at sea, AI to interpret the gathered information.

In Session 2, Eivind Mong, presented the International Hydrographic Organization’s (IHO) current status on the S-100 implementation decade, outlining key developments and strategic priorities. He also contributed to a panel discussion focused on the practical challenges and collaborative

opportunities in advancing S-100 standards across the hydrographic community. In addition, Mr. Mong actively participated in a workshop under the SMART-C initiative, where discussions centered on traffic management and the integration of S-100, further emphasizing the importance of harmonized data standards in shaping the future of maritime infrastructure.

Capacity-Building Workshop on Maritime Digitalization

The jointly IMO, IHO and IALA organized Capacity-Building Workshop marked its 7th edition. It aimed to facilitate the development and implementation of digital services that could enhance maritime safety and marine environment protection in the Asia-Pacific Region. Held back-to-back with the Digital@Sea Asia-Pacific Conference, the workshop provided a valuable opportunity to exchange insights and progress on maritime digitalization.

The workshop featured five sessions, including presentations from representatives of Cambodia, the Philippines, Indonesia, Malaysia, Sri Lanka, and Viet Nam, as well as updates from the international organizations IHO, IMO, and IALA. The representatives of each Country were invited to provide information on the implementation of the following maritime services (MS), particularly regarding developments toward digitalization:

- **MS 1** – Vessel Traffic Service
- **MS 2** – Aids to Navigation Service
- **MS 5** – Maritime Safety Information Service
- **MS 8** – Vessel Shore Reporting
- **MS 11** – Nautical Chart Service
- **MS 14** – Meteorological Information Service
- **MS 15** – Real-Time Hydrographic and Environmental Information Services

Assistant Director Leonel Manteigas chaired Session 3, which featured presentations from the participating countries. During Session 4, dedicated to updates from international organizations, he delivered a presentation on the IHO Capacity Building and Development Programme and the S-100 Roadmap. In his presentation, he provided an overview of the IHO, explained how the Capacity Building/Development Programme is organized to support the hydrographic community with examples of the ongoing initiatives and highlighted the hydrographic community's commitment to advancing S-100-based products and services, emphasizing their benefits for navigation safety and operational efficiency.

In his closing remarks, it was noted that the workshop served as a valuable forum for engaging with participants on IHO's capacity-building objectives and priorities, particularly in relation to the S-100 data model. The event provided an excellent opportunity to exchange updates with IMO and IALA, and to learn from the progress shared by participating countries in maritime digitalization.

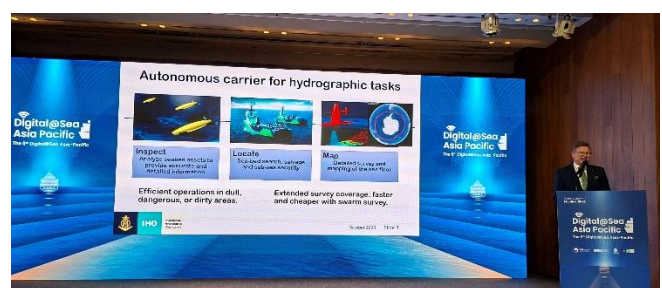
Overall, the insights gained, together with those from the Digital@Sea Asia-Pacific Conference, underscored the importance of collaboration, knowledge sharing, and capacity building in advancing digital transformation across the maritime community. The event once again reflected the Republic of Korea's leadership and commitment to supporting maritime development and promoting safer and more efficient navigation.

On 23 October, as part of the Capacity-Building Workshop programme, participants joined a technical tour of the HD Hyundai Global Research & Development Center to gain insights into Hyundai's advanced ICT technologies and data-driven systems that support Korea's maritime digitalization. The visit showcased practical applications for autonomous ships and smart ports, particularly in the fields of data analytics, cloud computing, artificial intelligence (AI), and the Internet of Things (IoT). The tour was followed by a cultural visit to Gyeongbokgung Palace and Insadong Street, offering participants an opportunity to experience Korea's rich cultural heritage.

Photos



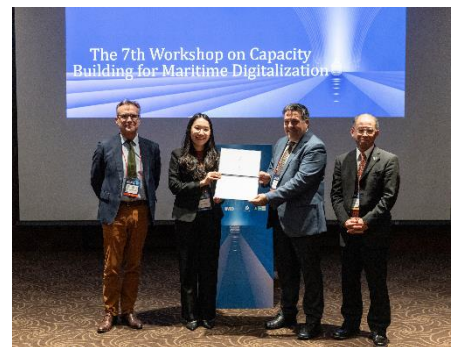
Group photo of the speakers at the 2025 Digital@sea Conference



IHO Secretary-General Dr. Mathias Jonas - Congratulatory Remarks and Presentation



Mr. Eivind Mong, IHO Infrastructure Centre Transition Manager - Presentation panel discussion



IHO Assistant Director Leonel Manteigas during the Joint IHO, IMO and IALA Capacity Building Workshop

Upcoming meetings:

The Republic of Korea will host the World Maritime Day Parallel Event at BPEX, Busan, from 26 to 27 October 2026, followed by Korea Maritime Week from 28 to 30 October.