

IALA COUNCIL**76th session**

12-16 December 2022
Rio de Janeiro
Brazil

10 – TECHNICAL ACTIVITIES***10.8 Digital@Sea*****10.8.1 – Digital@Sea initiative**

Note by the Secretariat

1 INTRODUCTION

Since the last session of the Council, two Digital@Sea (D@S) series conferences and one Digital@Sea Capacity Building workshop have been held. This paper updates the Council on the results and plans for the next year.

Further information about the initiative can be found at the following website, <http://digitalatsea.org/>

2 DIGITAL@SEA CONFERENCES**Digital@Sea North America**

The Digital@Sea North America Conference 2022 was held from 11 to 12 May 2022 at the Florida Aquarium, Tampa, Florida. This event was co-organized by the RTCM and IALA, and supported by the CIRM, IHO, the NI, and ICAN. The conference was attended by 61 delegates representing 7 countries. 25 presenters covered a wide variety of e-navigation topics, which were grouped into 4 sessions. The detailed report can be found at ENAV30-3.2.

- Session I – e-Nav Plans and Implementation
- Session II – e-Nav Initiatives
- Session III – VDES Progress Report
- Session IV – e-Nav on the Horizon
- Session V – e-Nav Initiatives
- Session VI – e-Nav Today
- Session VII – Closing Plenary Session

Digital@Sea Asia Pacific

The Digital@Sea Asia Pacific Conference 2022 was held as a hybrid meeting from 15 to 16 September at the Lotte Hotel, Seoul, Korea. This event was co-organized by the MOF, IALA and DMA, and supported by the IHO, AMSA, CIRM, BIMCO, CCG, and RTCM. The programme covered the following topics:

- The role of maritime digitalization for De-Carbonization
- International standards of maritime digitalization and Sharing platforms
- Harmonious maritime digital transformation
- Maritime cyber security

3 CAPACITY BUILDING WORKSHOP

The Digital@Sea 2022 workshop on the theme of enhancing the safety of navigation by digital means was held as a virtual event from 2 to 4 November 2022. This event was co-organized by the IMO, MOF and IALA. The workshop was attended by 10 countries in Asia.

The workshop was aimed at facilitating the development and implementation of digital services, which can enhance maritime safety and marine environment protection in Asia. The workshop provided examples of digital service delivery and offered the opportunity to discuss topics relating to enhancing the safety of navigation through digitalization.

The conclusions of the event were;

- The workshop clearly demonstrated that several promising e-Navigation and digitalization initiatives with global relevance are being conducted in Asia.
- While global solutions are preferred, these can be based on results obtained through local or regional initiatives serving as initial testbeds for important concepts.
- All country reports contributed invaluable input to the workshop and provided pertinent updated information. The country reports indicated that the level of digitalization varies throughout the region. The country reports also demonstrated, and the participants agreed, that relevant training and capacity building initiatives should continue at the regional and national levels in collaboration bilaterally, regionally and with the international organizations.
- It is desirable to strengthen regional collaboration on digitalization in the maritime domain under the umbrella of Digital@Sea capacity building initiatives and other platforms. This work should be based on a collaborative approach by coastal States and international organizations.
- Asia has the potential to become an epicentre for the development of innovative digital navigation and information services and solutions.

4 INFORMATION PAPER TO IMO COUNCIL

The Digital@Sea Initiative Coordination Group prepared an information paper for IMO Council (C128/Inf.4) to update the maritime industry on how e-Navigation Underway has expanded to become Digital@Sea.

5 PLAN FOR 2023

The conference series and CB workshop will be held again in 2023, and two of the events have confirmed dates.

- ~~Digital@Sea International on 6 – 7 February 2023 in Copenhagen, Denmark~~
- Digital@Sea North-America on 18 - 19 April 2023 in Montreal, Canada
- Digital@Sea Asia Pacific 2023, TBD
- Digital@Sea Capacity Building workshop 2023, TBD

Digital@Sea International has been postponed to the year 2024 because of government restructuring.

6 THE COUNCIL IS REQUESTED TO

NOTE the information provided in this document.