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SUPPLEMENTARY AGENDA ITEM, IF ANY

The transition of the e-Navigation Underway to Digital@Sea initiative

Submitted by IALA

SUMMARY

Executive summary: This paper provides general information on the IALA Digital@Sea initiative, which is an evolution of the e-Navigation Underway (ENUW) conference series.

Strategic direction, if applicable:

Output:

Action to be taken:

Related documents: C117/inf.2, NCSR 1/28, annex 7

Background

1 The concept of e-navigation was first introduced at the Organization in December 2005. In 2008, the Maritime Safety Committee (MSC) adopted its definition, conducted a gap analysis to further develop the concept, and subsequently adopted the Strategic Implementation Plan (SIP), which prioritised e-navigation solutions and recognised that further e-navigation development would be a continuous process (NCSR 1/28, annex 7). To that end, IALA has sponsored a series of e-Navigation Underway (ENUW) conferences.

e-Navigation Underway conferences

2 The inaugural e-Navigation Underway (ENUW) conference was organised jointly by Denmark, IALA, and several supporting organisations and held on the ferry between Copenhagen and Oslo from 31 January to 2 February 2011. It was later expanded to ENUW North America and ENUW Asia Pacific, supported by the United States, Canada, the Republic of Korea, and relevant international organisations. To date, 18 ENUW conferences have been held; their conclusions and recommendations can be found at the website <http://digitalatsea.org>.

3 The ENUW series of conferences were aimed at supporting and facilitating the e-Navigation concept. These conferences enabled the exchange of views and experiences and

informal discussions on emerging e-navigation policies. Each conference produced a set of conclusions on the progress of e-navigation.

Transition from ENUW to the Digital@Sea Initiative

4 In 2020, the ENUW Conference Coordination Group decided to change the name of the ENUW conference series to “Digital@Sea Initiative” (D@S), to better reflect digital solutions and services and focus on the following issues:

- Harmonious maritime digital transformation
- A paperless maritime administration
- Role of maritime digitalisation for De-Carbonization
- International standards of maritime digitalisation and sharing platforms
- Maritime cyber security
- Digital testbed in a globally harmonised manner

5 Therefore, the D@S initiative is currently organising:

- D@S Conferences: International / Asia Pacific / North America
- D@S Clusters: aiming at demonstrating real e-Navigation services to the world, including shore-based platforms such as PortCDM, STM, Global Maritime Digital Route Transition (GMDRT), SMART navigation services and the Maritime Connectivity Platform (MCP), which enables connectivity across different stakeholders in the maritime sectors. The D@S Clusters include stakeholders from shipping companies, satellite communication providers, maritime administrations, other international organisations, and maritime users.
- D@S Capacity building: The workshop on enhancing the safety of navigation by digital means will be delivered in Seoul, the Republic of Korea, on 2 - 4 November 2022, co-hosted by the Ministry of Oceans and Fisheries, IMO, and IALA; aimed at facilitating the adoption of digital maritime services in the Asia-Pacific region.

6 The next D@S International conference will be held in Copenhagen, Denmark on 6 - 7 February 2023, and the D@S North America conference will be held in Montreal, Canada on 17 - 18 April 2023. More information on the D@S initiative, which is supported by Canada, Denmark, the US, the Republic of Korea, RTCM and IALA as the coordinating body, can be found at <http://digitalatsea.org>.

Conclusion

7 The ENUW (now renamed to D@S) conferences have proved to be a good platform for facilitating the exchange of views, experiences, and informal discussions on emerging digitalisation and e-navigation policies.

8 The continued support of IMO Member States, relevant international organisations and industry partners for the D@S conferences is both welcome and desirable for achieving the maximum benefit for the harmonised development of e-navigation and digital technologies.

9 Consider participating in future D@S Conferences.

Action requested to the Council

10 The Council is invited to note the information provided.

DRAFT