



## **10 – TECHNICAL ACTIVITIES**

### **10.6 – DTEC**

#### 10.6.1 – DTEC3 summary report

Note by the Secretariat

#### **1. INTRODUCTION**

The third session of the DTEC Committee was held from 30 September to 10 October 2024, including the physical week at IALA HQ between 30 September to 04 October, chaired by Hideki Noguchi and vice-chaired by Jorge Arroyo. The Secretary for the meeting was Alisa Nechyporuk.

130 participants from 30 countries, three Sister organisations and three observers participated in DTEC3. 13 participants attended for the first time.

#### **2. SUMMARY OF THE WORK ITEMS**

During this session, the Committee reviewed and updated the work programme, adjusting several tasks based on the Committee's capacity. The discussions in the Working Groups covered the following topics:

##### Working Group 1:

- Maritime Connectivity Platform specifications
- guidance on cyber security for Marine AtoN
- Product Specification for Disaster Management
- Maritime Resource Names (MRN)
- G1128 Specification of e-Navigation Technical Services
- Service Design for VTS Traffic Clearance
- Service Design for AtoN

##### Working Group 2:

- Review of Candidate Technologies
- Develop a Manual on Maritime Communications (MARCOM Manual)
- Contribute to the development of IMT-2030 by formulating user requirements for Marine AtoN
- Develop guidance on Digitalisation of Waterways
- developing guidance on Digital VHF communication
- Develop guidance on the provision of Marine AtoN for autonomous vehicle/vessel operations (MASS)

- Providing guidance on the process to implement developments of innovation
- Training on the implementation of digital solutions

Working Group 3:

- VDES Performance Standard
- MMS
- visualization of mobile AtoN information
- VDES shore infrastructure
- VDES ITU-R M.2092-1 clarifications
- VDES R-Mode
- VDES/AIS interference cancellation
- Guideline on VDES Authentication
- VDES resource sharing

### 3. OUTCOMES OF THE COMMITTEE

Four documents were prepared for the Council approval.

- TC03-10.6.2 (DTEC3-11.2.1.4) Revised G1128 Specification of e-Navigation Technical Services
- TC03-10.6.2.1 (DTEC3-11.2.1.4.1) Revised G1128 Annex A Service Specification Template
- TC03-10.6.2.2 (DTEC3-11.2.1.4.2) Revised G1128 Annex B Service Design Template
- TC03-10.6.2.3 (DTEC3-11.2.1.4.3) Revised G1128 Annex C Service Instance Description Template
- TC03-10.6.2.4 (DTEC3-11.2.1.4.4) Revised G1128 Annex D Service Design Template for SECOM Service
- TC03-10.6.3 (DTEC3-11.2.1.5) Revised G1183 Provision of MCP identities
- TC03-10.7.1 (DTEC3-11.2.2.3) Revised Document on Maritime Radio Communication (MarCom) Manual
- TC03-10.6.4 (DTEC3-11.2.2.5) Workshop Proposal on Application IMT to Marine AtoNs

The following draft liaison notes have been prepared for Council approval:

- TC03-10.4.3 (DTEC3-11.2.2.2) Liaison note to ITU-R WP5D on use cases and service requirements of Marine AtoN
- TC03-10.4.2 (DTEC3-11.2.3.2) Liaison note to ITU on Working document on towards a preliminary draft revision of Recommendation ITU-R M.2092-1 VDES

### 4. THE COUNCIL IS REQUESTED TO

**NOTE** the information provided in this document.