



## **10 – TECHNICAL ACTIVITIES**

### **10.3 – ENG**

#### 10.3.1 – ENG19 summary report

Note by the Secretariat

#### **1. INTRODUCTION**

The 20th meeting of the ENG Committee was held from 7 to 17 April 2025, chaired by Alwyn Williams with Michel Cousquer as Vice-chair, and Alisa Nechyporuk serving as Secretary.

The physical meeting week took place from 7 to 11 April at IALA Headquarters, followed by an approval period and the virtual closing plenary on 17 April.

109 participants from 30 countries and one observer attended ENG20, with 23 participants attending for the first time and 14 joining online.

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

The Committee reviewed and updated its 2025–2027 work programme, achieving major developments across three Working Groups:

##### **Working Group 1 – Visual and Physical AtoN**

- New draft Guideline on the Measurement of Marine Lights Performance.
- New draft Guideline on the Harmonised IoT Protocol for Visual AtoN.
- Revised G1093 on the Management of Surplus Lighthouse Property.
- Updated guidance on floating AtoN maintenance and mooring design.
- Progress on the review of R0112 (Leading Lights), R0203(E200-3) (Marine Lights), and G1165 (Sustainable Structural Design).

##### **Working Group 2 – Radionavigation Services**

- Draft Guidelines on the Implementation of MF and VDES R-Mode systems.
- Draft Guideline on GNSS Satellite-based Precise Point Positioning (PPP) Maritime Services.
- Proposals for the development of S-200 series PNT-related product specifications.
- Revision of recommendations related to Racons and Radar positioning services.
- Liaison note to RTCM concerning augmentation and radionavigation topics.

##### **Working Group 3 – Heritage and Culture**

- Review and revision of heritage-related guidelines including G1093 and R1005.
- Progress on developing guidance on modern equipment in heritage lighthouses.

- Continued work on maintaining the IALA Heritage webpage and managing the Lighthouse of the Year accolade.

### **3. OUTCOMES OF THE COMMITTEE**

The following draft documents have been prepared for Council approval:

- C02-10.3.2(ENG20-9.2.3.2) Revised Recommendation R1005 on Conserving the Built Heritage of Lighthouses and other Aids to Navigation.
- C02-10.3.3(ENG20-9.2.3.1) Revised Guideline G1093 on the Management of Surplus Lighthouse Property.
- C02-10.3.4(ENG20-9.2.1.1) New draft Guideline on the Measurement of Marine Lights Performance.
- C02-10.3.5(ENG20-9.2.1.2) New draft Guideline on Harmonised IoT Protocol for Visual AtoN.

The following draft liaison notes have been prepared:

- C02-12.2.1(ENG20-9.2.2.1) Liaison note to RTCM on G1187 and coordination on R-Mode activities.

### **4. THE COUNCIL IS REQUESTED TO**

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