

From: IALA  
To: 3GPP TSG SA, 3GPP TSG RAN, 3GPP SA WG1  
Cc: 3GPP TSG CT

## LIAISON NOTE

### on the Update of IALA Task for Marine AtoN over IMT-2030

#### 1 INTRODUCTION

The IALA DTEC (Digital Technologies Committee) would like to provide the update on the IALA task for Marine Aids to Navigation (Marine AtoN) over IMT-2030<sup>1</sup>. The IALA DTEC has begun developing the IALA Guideline, which includes use cases and service requirements with regulatory aspects for Marine AtoN, which contribute to formulating inputs as served for incorporating demands of Marine AtoN related stakeholders into 3GPP standardization for IMT-2030. This IALA Guideline will cover use cases for Marine AtoN over IMT-2030, tentatively categorized as follows.

- Use cases of Maritime Buoyage System (MBS)
- Use cases of Positioning, Navigation and Timing (PNT)
- Use cases of Vessel Traffic Services (VTS)
- Use cases of Digital Maritime Services

The use cases and service requirements being developed in this IALA Guideline may serve as input to support the development for IMT-2030 standardisation.

#### 2 ACTION REQUESTED

##### To 3GPP TSG SA, RAN, SA WG1:

The IALA respectfully requests the cooperation of 3GPP to contribute to the standardization of IMT-2030 within 3GPP, specifically regarding Marine AtoN over IMT-2030, and provide input on the status of development for consideration by the IALA DTEC3 meeting, scheduled for 30 September 2024.

---

<sup>1</sup> The background, the scope and objectives of the IALA task for Marine AtoN over IMT-2030 were communicated to 3GPP, as detailed in document S1-233157 during the 3GPP SA WG1 #104 meeting, via the 3GPP Liaison Person for IALA (Hyounghee KOO / SyncTechno Inc.).