**Input paper: [[1]](#footnote-1) DTEC**-6.2.0.1

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**Agenda item** [[2]](#footnote-2) n.n

**Technical domain/ Task number** 2 …………1.2.3…………………

**Author(s)/Submitter(s)** …………**China MSA**………

PROPOSAL ON THE REVISION OF RELEVANT SECTIONS OF THE 2023 NAVGUIDE[[3]](#footnote-3)

# Summary

The China Maritime Safety Administration has reviewed Chapter 9 in the 2023 NAVGUIDE based on the latest relevant guideline documents and new technical review contents, and is willing to undertake subsequent work under the guidance of the DTEC committee.

## Purpose of the document

This paper aims to provide assistance in promoting the revision of NAVGUIDE, to provide references for the committee.

## Related documents

[1] IALA-Committee-work-programme-2025-2027

[2] NAVGUIDE-2023

[3] ARM20-11.2.2 LN to Secretariat on NAVGUIDE

# Background

NAVGUIDE, one of the most important publications of IALA, is generally revised every four years. ARM Committee has sent a Liaison Note to the Secretariat, which requested the Secretariat/PAP to send out a reminder to each of the committees to review their chapters of the 2023 NAVGUIDE and inform each committee that this work should be completed no later than the close of each Committee’s Spring 2026 meeting.

# Discussion

There are some inconsistencies between Chapter 9 of the NAVGUIDE and latest IALA technical documents which need to be reviewed.

## contents being reviewed in Chaper 9 of NAVGUIDE

Chapter 9 of the NAVGUIDE has been reviewed and some contents have been revised, including “DIGITAL COMMUNICATIONS SYSTEMS”, “THE IALA MARITIME RADIO COMMUNICATIONS MANUAL”, “AIS”, “VDES”, “R-MODE”, “LTE-M AS A COMMUNICATIONS INFRASTRUCTURE”, “LOW POWER COMMUNICATION SYSTEMS”, “AUTONOMOUS MARINE RADIO DEVICES”, “DIGITALIZATION OF MARINE VHF VOICE CHANNELS”, “EXAMPLES OF EMERGING TECHNOLOGIES”.

In addition, some new contents of three subsections: “A VISION FOR DIGITALISATION OF SHIPPING AND MARITIME TRANSPORTATION”, “5G-NR POSITIONING”, “IMT-2030 TECHNOLOGY”.

## PROPOSAL

It is recommended that the committee conduct the revision of relevant sections of the 2023 NAVGUIDE and consider the proposed amendments to Chapter 9 in the Annex.

# References

1. NAVGUIDE-2023
2. S1060 Ed2.0 Digital Communication Technologies
3. G1153 IALA New Technology Reviews
4. G1158 VDES R-mode
5. DTEC4-15.5.2 Draft IALA Guideline on Marine AtoN over IMT-2030

# Action requested of the Committee

The Committee is requested to:

1. Consider the proposal in section 3.2.
2. and take actions as appropriate.

1. Input document number, to be assigned by the Committee Secretary [↑](#footnote-ref-1)
2. Leave open if uncertain [↑](#footnote-ref-2)
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