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

Proposal for draft AIS Recommendation

# Summary

With reference to IALA 2023-2027 work programme of task 2.2.1 Full Review of A-126, G1084 and other AIS associated documentation, ARM proposes to revise R0126 to be the single overarching recommendation related to the Use of AIS in Marine AtoN. China Maritime Safety Administration has sorted out the AIS related documents such as R0143 and R0126, and made a draft AIS recommendation for the Committee’s review.

## Purpose of the document

Provide a draft AIS recommendation for the Committee’s review.

## Related documents

1. IALA committee work programme 2023-2027
2. ARM18-11.2.4 Liaison note
3. ARM17-12.1 Report of ARM17
4. ARM18-12.1 Report of ARM18
5. IALA Recommendation R0126(A-126) The Use of the Automatic Identification System (AIS) in Marine Aid to Navigation Services
6. IALA Recommendation R0143 Provision of Virtual Aids to Navigation(O-143)

# Background

According to IALA 2023-2027 work programme adopted by the 78th Council of IALA, ARM was given the task to review all IALA documentation relating to AIS. ARM has conducted this work and reached agreements to update AIS documentation into a succinct document suite, which includes an AIS recommendation and a guideline. ARM has sorted out all AIS related documentation at ARM 17, and has sent a liaison note to other committees offering to work jointly at ARM 18. As for the recommendation, ARM proposed to revise R0126 to be the single overarching recommendation and other recommendations will be retired.

# Discussion

## Supplementary information on the new AIS guideline draft

According to the liaison note by ARM 18, R0126 is the basic document that will be revised as the single overarching succinct recommendation related to the use of AIS. R0143 is the recommendation related to virtual Aids to Navigation within the ARM’s remit, which is proposed to be merged into R0126. Given that the other technical committees have not replied the handling of other recommendations related to AIS, the draft recommendation mainly combines the content of R0126 and R0143 and it can be further revised as a framework.

In order to ensure the succinctness of the recommendation, the Annex and part of the content of R0126 are deleted. The recommendation has been adjusted from 10 to 7 parts. It is deleted the same information appearing in other documents, such as the information provided by the AIS transponder and the use of AIS in VTS operations, which are supposed to be introduced in the new guideline. The Annex of R0126 are deleted entirely with the consideration of its content. The Annex of R0126 gives a detailed introduction of the application, broadcast, type and other contents related to AIS, which is largely repeated with other AIS related documents.

To ensure that the new AIS recommendation is timely updated and keep consistency with the development of AIS, some new expressions are updated in the revised recommendation. The listed documents related to other international organizations in the “Noting” part in R0126 have been updated to the latest version. The two parts of “Recognizing” and “Considering” have been rewritten to introduce the status and background of AIS. The “Recommends” part in the text are put forward based on the current development of AIS, and based on the contents of R0126, R0143 and other AIS related documents, with a view to urging relevant authorities to widely use AIS as part of their marine Aids to Navigation services and pay attention to the limitations of AIS, so as to avoid corresponding operation and broadcast errors.

## proposal

It is proposed that the ARM Committee use the draft which is set out in the annex as the basic document for the AIS recommendation.

# References

1. IALA Recommendation R0126(A-126) The Use of the Automatic Identification System (AIS) in Marine Aid to Navigation Services
2. IALA Recommendation R0143 Provision of Virtual Aids to Navigation(O-143)

# Action requested of the Committee

The Committee is requested to:

1. consider the proposal in section 3.2.

take action as appropriate.