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

Proposal for preparing the annex of AIS guideline draft

# Summary

According to the report of ARM18, most AIS related documents will be replaced with a single overarching recommendation and a new comprehensive Guideline. China MSA has sorted out the AIS related documents such as A-126, G1098 involved in the new AIS Guideline draft, and made a relevant annex to the seventh part “7.The practicable use of AIS AtoN” of the new AIS Guideline draft for the Committee’s review.

## Purpose of the document

According to committee work programme, promote the formulation of the new AIS Guideline and provide reference for the committee.

## 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 Guideline G1098 The Application of AIS - AtoN on Buoys
7. ARM new AIS Guideline draft

# Background

IALA work programme 2023-2027 requires ARM Committee to comprehensively review A-126, G1084 and other AIS associated documentation, form a simplified version of the AIS document. ARM18 has further clarified the direction of AIS document revision and proposed to prepare a single overarching AIS recommendation and one new Guideline which need to be supplemented and improved.

# Discussion

## Preparation of Annex D to the new AIS guideline draft

In the Guideline draft, the seventh chapter "The practical use of AIS AtoN" is intended to introduce the power requirement, installation and application on buoy which will be introduced in detail as Annex D. G1098 “The Application of AIS - AtoN on Buoys” mainly focuses on the classification of AIS AtoN, primary considerations, physical application, commissioning and testing, maintenance and operation, selection of equipment, integrating AIS AtoN system, etc., which are the basis for the formation of Annex D.China MSA sorted out R0126 and G1098, combining with the actual application and formed a supplementary Annex D for the Guideline draft.

Annex D is divided into four parts, including “Physical application, Commissioning & Testing, Maintenance & Operation, and Selection of Equipment".

In order to emphasize the use and maintenance of AIS AtoN on buoys and enable the competent authorities to make full use of AIS AtoN, these parts "3.Primary Considerations, 4.Physical Application, 5.Commissioning and Testing, 6.Maintenance and Operation, 7.Selection of Equipment" of G1098 are included in Annex D, summarized and adjusted to form four parts “Physical application, Commissioning & Testing, Maintenance & Operation, and Selection of Equipment".

The first chapter "1. Introduction " and the second chapter "2. AIS AtoN type and messages" in G1098 are deleted to avoid duplication with the text of the Guideline draft.

In view of the current technological update iteration, more perfect watertight technology and integrated AtoN are used. Chapter 8 "General considerations for integrating an AIS AtoN system" in G1098 is deleted since this part does not have general guidance significance.

## proposal

It is proposed that the ARM Committee consider the annex to this proposal and incorporate them into the new AIS Guideline as appropriate.

# References

1. IALA Guideline G1098 The Application of AIS - AtoN on Buoy
2. ARM new AIS Guideline draft

# Action requested of the Committee

The Committee is requested to:

1. consider the proposal in section 3.2.
2. take action as appropriate.