

Input paper for the following Committee(s): check as appropriate

☒ ARM ☐ ENG ☐ PAP
☐ ENAV ☐ VTS

Purpose of paper:

☒ Input
☐ Information

Agenda item ² 8.4Technical Domain / Task Number ²

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Proposal of converting S-201 to IALA guideline

1 SUMMARY

IALA developed the S-201 Aton product specification for the exchange of Aton information and updated it to Ed. 1.1.0 in October 2022. The S-201 includes a data model and encoding for exchanging Aton information. As an annex to S-201, it contains S-201 implementation guideline that can be referenced by Aton authorities. Emphasizing that the S-201 is an essential standard for IALA members, it is proposed to establish the contents of the S-201 main document and implementation guidelines as IALA guidelines.

1.1 Purpose of the document

This document proposes developing the S-201 main document and implementation guideline into IALA guidelines to help IALA members better understand and utilize the S-201.

1.2 Related documents

S-100 IHO Universal Hydrographic Data Model (Edition 5.0.0, December 2022)

S-201 Aids to Navigation Information (Edition 1.1.0, October 2023)

2 BACKGROUND

The IALA ARM Committee took over the work from the ENAV Committee (Former name of DTEC) and developed the S-201 Aton product specification, updated it to Ed. 1.1.0 in 2022.

3 DISCUSSION

The S-201 defines Aton types as equipment and structure, and includes a data model that can include the Aton types and detailed attribute types. It also includes data structure, exchange set, quality elements, etc. Since establishing S-201 Ed. 1.0 in 2019, the IALA ARM committee has expanded the data model by considering the latest edition of S-100 and including mooring information, and revised it to S-201 version 1.1.0 in 2022.

¹ Input document number, to be assigned by the Committee Secretary

² Leave open if uncertain

The S-201 is the essential standard for Aton authorities to manage Aton information and provide Aton information to organizations that require basic/changed Aton information.

However, because IALA documents consist of standards, guidelines, recommendations, and manuals, the S-200 series standards were evaluated as having low awareness and low utilization among IALA members. Accordingly, discussions on converting the S-201 into IALA guidelines were conducted at the PAP meeting. In this regard, developing the S-201 main document and implementation guideline into IALA guidelines to help IALA members better understand and utilize the S-201 is proposed.

- (New guideline) Aids to Navigation Information: Data model and structure, Encoding guideline
- (New guideline) Implementation of Aton information data model: Guidelines for Aton management authorities to convert or support the development of Aton information systems in accordance with the S-201 standard

Discussion on the development of IALA guidelines for the S-201 is needed during ARM17, and it is proposed to discuss the scope of work and considerations for the development of IALA guidelines.

4 ACTION REQUESTED OF THE COMMITTEE

The Committee is requested to consider the proposal of developing IALA guideline from the S-201 main contents and implementation guideline, and take actions as appropriate.