Input paper: [[1]](#footnote-1) ENG7-4.6

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

**X** ARM X ENG **□** PAP **□** Input

**X** ENAV **X** VTS X Information

Agenda item [[2]](#footnote-2) 4

Technical Domain / Task Number 2 …………………………………

Author(s) / Submitter(s) Nick Ward

Status Report on S-200

# Summary

The paper gives a report on the status of the IALA S-200 Domain.

## Purpose of the document

The Committee is invited to note the paper for information.

## Related documents

Accompanying report.

# Background

IALA has established the S-200 domain, in consultation with IHO, as a component of the Common Maritime Data Structure for e-navigation. This domain uses the range S-201 to S-299 for Product Specifications compliant with the IHO S-100 standard, covering fields within the IALA remit, including Aids to Navigation (AtoN), Vessel Traffic Services (VTS), Positioning Systems and Communication Systems.

# Discussion

The main developments since ENAV 20 are the preparation of a Technical Service Specification for AtoN Information and the revision of S-201 to version 0.0.7.

## IALA S-200 STATUS

IALA has been approved by IHO as a Submitting Organization and Domain Control Body in the IHO Registry. Therefore S-200 product specifications can now be registered.

Two Product Specifications, S-201 AtoN Information and S-240 DGNSS Almanacs, have draft status, and are posted on the IALA website for further comment prior to approval. Several other specifications are under development or planned. Table 1 shows the current status of S-200 product specifications.

Comments received on S-240 have been incorporated in the current version (0.0.2).

A further revision (0.0.7) of S-201 has been carried out for review at ENAV 21.

## GUIDELINES & RECOMMENDATIONS

The recommendation on Product Specification Development and Management refers to the ‘relevant guidelines’. These are G-1106 on the Development of Product Specifications and G-1087 on the Management of the IALA Domain.

## TECHNICAL SERVICE SPECIFICATION

Using the draft guideline approved at ENAV 20, a Technical Service Specification has been produced for the AtoN Information Service. This provides the link between the Maritime Service Portfolio (AtoN) and the Product Specification/Data Model (S-201).

## TEST BED/DEMONSTRATION

A web application has been developed to demonstrate the use of S-201 for data exchange between a Lighthouse Authority (Trinity House on behalf of IALA) and a Hydrographic Office (UKHO). This demonstration is now expected to be carried out in early September 2017 and reported on at ENAV 21.

1. Current status of S-200 product specifications.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **PS No.** | **Title** | **Developer** | **Field Manager** | **Status** |
| S-201 | Aids to Navigation Information | KRISO/Jeppesen/USCG | N Ward  [nick.ward@iala-aism.org](mailto:nick.ward@iala-aism.org) | Draft 0.0.7 for review |
| S-210 | Inter VTS Exchange Format | VTS WG2 | - | Pending changes to S-100 to allow for data streaming applications |
| S-230 | Application Specific Messages | e-NAV WG1 | - | Developments planned |
| S-240 | DGNSS Station Almanac | KRISO for e-NAV WG5 | - | Posted on IALA website for review |
| S-245 | eLoran ASF Data | KRISO | - | Under development |
| S-246 | eLoran Station Almanac | KRISO | - | Under development |
| S-247 | Differential eLoran reference station almanac | KRISO | - | Under development |

1. Input document number, to be assigned by the Committee Secretary [↑](#footnote-ref-1)
2. Input papers should be assigned to a work task as listed in the Committee work plan which is available in input papers. Leave open if uncertain but consider how the paper is to be processed if not relevant to a work task [↑](#footnote-ref-2)