ENAV20-6.5

Agenda item 6

Task Number

Author(s) Nick Ward Information paper

**S-200 – Status Report**

# INTRODUCTION

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.

# 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. The table in the annex 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 (0.0.6) of S-201 has been carried out since ENAV 19, including provisdion of an Overview to make it easier to understand.

# 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, both of which were further revised at ENAV 19.

# Test Bed/Demonstration

A web application is under development 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 April 2017 and a report will be provided to ENAV 21.

# ANNEX 1

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| --- | --- | --- | --- | --- |
| **PS No.** | **Title** | **Developer** | **Field Manager** | **Status** |
| S-201 | Aids to Navigation Information | KRISO/Jeppesen/USCG | N Ward  [nick.ward@gla-rrnav.org](mailto:nick.ward@gla-rrnav.org) | Draft 0.0.6 posted on IALA website 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 |