Input paper: [[1]](#footnote-1) ENAV21-5.5

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

**□** ARM **□** ENG **□** PAP **□** Input

☑ ENAV **□** VTS ☑ Information

Agenda item [[2]](#footnote-2) 5

Technical Domain / Task Number 2 Harmonization

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Report from rapporteur on IHO

# Summary

This report provides general information regarding the activities of IHO’s Nautical Information Publication and S-100 Working Groups (WG).

# NIPWG

The fourth meeting of NIPWG was held at the University of New Hampshire (USA) in June 2017 in conjunction with a Visualization Workshop. During the session the WG reviewed the development progress on the following Product Specifications :

S-122: Marine Protected Areas; The meeting further agreed the proposed continuation of the contract schedule to fulfil the contract. It has been noted that, although the portrayal section remains open, the test data are now ready for testing by third parties.

S-123: Radio Services; The meeting further agreed the proposed continuation of the contract schedule to fulfil the contract. It has been noted that, although the portrayal section remains open, the test data are now ready for testing by third parties.

S-125 : Navigation Products; Stefan Engström (Finland) and Dave Lewald (USA)will continue to monitor progress of IALA S-201 and S-101 and report back to the NIPWG. This is an ongoing item.

S-127 : Traffic Management; The meeting took note of the addition of UKC information in S-127, reflecting the request of the UKC Management Project Team (UKCMPT) to integrate UKC information in nautical publications. Discussion: Awareness of the existence of other UKC system was noted. Integrating the UKC management system depends on the national shipping authorities.

# 2.1 NIPWG5

NIPWG5 is scheduled to be held in Genoa, Italy 12-16 March, 2018.

# S-100WG

The second meeting of the S-100WG was held in Genoa Italy on 15-18 March, 2017. The working group reviewed the following items:

S-100 Edition 3.0.0 Status The Chair informed the meeting that, in order to meet the demands for new constructs for dependant Product Specifications, S-100 will need to continually evolve. She noted that to date only new editions of the standard have been produced, but in the future revisions may also be produced to cater for minor changes. She outlined the proposed maintenance schedule for the S-100 publication and noted that the intention was to provide predictability for the submission and consideration of proposals. The S-100 publication schedule will be published on the IHO web site.

Session Oriented Services Following a presentation on the IALA proposal for Session Oriented Services, and comments from the meeting, a breakout group formed to discuss the proposal and report back to the meeting. Report form breakout group noted that there was consensus that it would be useful for vessel traffic information, vessel tracking etc. they noted that there was probably an important data streaming application for the TWLWG and proposed that data streaming should be included on the next TWLWG meeting agenda. It was agreed that the group will identify services that require streaming based encoding and will also consider defining an encoding for streaming using the ISO 8211 format. The next step is to develop a framework that can be added as a separate Part to the next edition of S- 100. This extension to S-100 should be prepared for the 2018 S-100WG meeting (S-100WG3).

IALA Unique Identifier Specification it was reported that IALA had developed guidelines on Unique Identifiers for Maritime Resources as a method for creating globally unique identifiers. It is proposed that navigationally unique object identifiers will be required by e-Navigation to maintain harmonization across domains and services. Currently the S-201 Product Specification includes the concept of a unique ID Code, which is available for all features. However the current draft has no references to Maritime Resource Names (MRN). Due to the similar structure of the S-101 and S-201 Product Specifications, it is proposed that the concept of MRNs should be implemented and harmonized between the two Product Specifications. The meeting also considered that the concept of the MRN needs to be added to S-101 and S-201 in order to achieve interoperability benefits for future S-100 PS. The meeting agreed that this should be considered for inclusion in the next Edition of S-100.

## S-100WG3

S-100WG3 is scheduled to be held in Singapore 10-13 April, 2018.

# Action requested of the Committee

The Committee is requested to note the report.

1. [↑](#footnote-ref-1)
2. [↑](#footnote-ref-2)