

## Paper for Consideration by NIPWG

### Report from IALA ENAV19

<b>Submitted by:</b>	UK (previous ENAV WG1 Chair)
<b>Executive Summary:</b>	Summary of items of interest from ENAV meetings.
<b>Related Documents:</b>	HSSC8-07.3A IALA report to HSSC8.
<b>Related Projects:</b>	

#### Introduction / Background

The IALA ENAV committee meets twice a year at IALA HQ.

- ENAV18: 14-18 March 2016; 126 attendees from 23 countries - 163 input papers; 32 output papers
- ENAV19: 19-23 Sep 2016. 122 attendees from 26 countries – 122 input papers; 21 output papers.

IALA ENAV consists of the following working groups:

- WG1 Harmonisation;
- WG2 Implementation;
- WG3 Telecommunications;
- WG4 E-nav services
- WG5 PNT

The Committee Chair, Omar Fits Eriksson (DMA), resigned at ENAV19. . A call has been made for nominations for a new chair.

#### Summary of activity of interest to NIPWG

- Overview Guideline providing high level description of the VHF Data Exchange System (VDES).
- Guidelines on the management of IALA S-200 domain.
- Guideline on producing an IALA series S-200 product specification
- Guideline on planning and reporting of e-navigation testbeds
- Guidelines on MSPs (Maritime Service portfolios)
- Workshop on shore-based maritime services in Lisbon (June 2017)
- S-201 AtoN product specification
- Development of proposals for Maritime Resource Names (MRNs)
- Development of data exchange for ship reporting
- Development of the Maritime Cloud
- Development of data streaming requirements within S-100

#### Analysis/Discussion

It should be noted that Edward Hosken (NIPWG vice-chair) has resigned as chair of ENAV WG1. As of ENAV19 the new chair is Axel Hahn (Department für Informatik, Universität Oldenburg).

It should also be noted that Edward Hosken is no longer the rapporteur between IALA and HSSC.

**VDES** – has potential for nautical information exchange, but dependent on required infrastructure.

**S-200 domain management** – work continues at ENAV20 (March 2017)

**S-201** – version 0.0.4 should be available for review from the IALA web site.

**E-nav testbed reporting** – IALA has upgraded its website. What was on [www.e-navigation.net](http://www.e-navigation.net) has been transferred to a test-bedprojects page on [www.iala-aism.org](http://www.iala-aism.org). The test-bed reporting guideline (1107) has been published.

**MSPs** – (reported as separate NIPWG agenda item).

**Unique identifiers (MRNs)** – Boarder understanding is required. An intercessional group will work on a proposal to submit an application for a URN Domain Name.

**Maritime Cloud** – Maritime Cloud Development Forum is requested to provide an update to ENAV20.

**Ship reporting** – The STM validation project (Sea Traffic Management) is developing a Port Call Message Standard. This has a relationship with MSP8.

**S-100 Data Streaming** – to hopefully be discussed at the next S-100WG.

### **Conclusions**

Close liaison with IALA ENAV remains relevant and necessary.

### **Justification and Impacts**

It is beneficial to work with IALA to prevent duplication of effort, to learn from each other's knowledge and experience, and to advance on common ground.

### **Action Required of NIPWG**

The NIPWG is invited to:

- a. note
- b. consider any appropriate closer liaison