

iala-aism

IALA Report to HSSC7

Presentation supporting HSSC7-07.6A

November 2015 - Korea



Dr Edward Hosken
IALA ENAV WG1 Chair

ENAV Committee

- ★ ENAV16 met in Paris 20th – 24th April 2015
- ★ ENAV17 met in Brest 26th – 30th October 2015

- ★ **WG 1 Harmonization** Edward Hosken
- ★ **WG 2 Implementation** Mahesh Alimchandani
- ★ WG 3 Telecommunications Peggy Browning
- ★ **WG 4 E-Nav Services** Jon Leon Ervik
- ★ WG5 PNT Alan Grant

WG1 - Harmonization

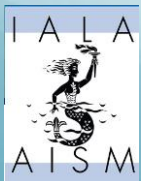
- ★ Service Orientation of S-100
 - S-100 is currently dataset centric
 - Not compatible with data-streaming services eg. VTS data exchange (AIS) ; real-time applications (S-111; S-112)
 - Metadata part of S-100 requires enhancement to support development of e-Navigation services (MSPs)
 - IALA meeting being planned for Feb 2016 in NL – Assistance required from data streaming experts

WG2 - Implementation

- ★ Maintain a global repository for test-bed results
 - Improvements to e-navigation.net
- ★ Develop IALA e-Navigation roadmap

WG4 – E-Nav Services

- ★ Develop a broader description of each MSP to facilitate further technical development
 - Request liaison with IHO on MSP5 – MSI (services)



IALA Product Specifications

PS No.	Title	Status
S-201	Aids to Navigation Information	Draft completed
S-210	Inter VTS Exchange Format	Under development
S-230	Application Specific Messages	Planned
S-240	DGNSS Station Almanac	Draft completed
S-245	eLoran ASF Data	Under development
S-246	eLoran Station Almanac	Planned

Conclusion

- ★ IALA is active in the wider use of S-100 within the S-200 domain, but use of S-100 in wider support of e-navigation services is limited due to the current dataset focus of S-100
- ★ Recommendation
 - S-100 should be developed to support data services

Conclusion

- ★ HSSC is invited to:
 - a. note for information the S-200 work within IALA
 - b. note opportunity to attend the IALA workshop on Maritime Digital Infrastructures and Test-beds
 - c. endorse the need to develop S-100 to support data streaming
 - d. decide on appropriate action to ensure that S-100 supports the development of e-navigation
 - e. advise IALA on plans to make the recommended changes to S-100
 - f. *Note opportunity to contribute to IALA meeting on data streaming enhancement to S-100*