

iala-aism

IALA Report

To HSSC6

November 2014



IALA Strategic Vision 2014-28

- ★ Presented at IALA conference May 2014
- ★ ‘The aim of IALA is to foster the safe and efficient movement of vessels through the improvement and harmonisation of marine aids to navigation worldwide, and by other appropriate means.’
- ★ 2 Goals, 14 Priorities
- ★ G1 – Aids to navigation systems and related services, including e-Navigation, Vessel Traffic Services, and emerging technologies, are harmonised through international cooperation and the provision of standards.
- ★ P2 - Deliver a limited suite of high level standards suitable for direct citation by States and by other international organisations.
- ★ P9 - Promote the demonstration of e-Navigation services, through the provision of test beds, and the harmonisation of results.

IALA Committees

- ★ AtoN Requirements and Management (ARM)
- ★ E-navigation (ENAV)
- ★ AtoN Engineering and sustainability (ENG)
- ★ Vessel Traffic Services (VTS)

- ★ Policy and Advisory Panel (PAP)

ENAV15

- ★ Met in Paris 13th – 17th October 2014
- ★ New Chair: Omar Frits Eriksson (DK)
- ★ New Vice Chair: Hideki Noguchi (JP)
- ★ Beginning of new 4 year work programme

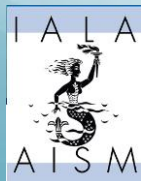
ENAV Working Groups

- ★ 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

Topics and activities

- ★ Develop Common Shore Based Architecture and Maritime Cloud concepts
- ★ Develop the technical content of e-Navigation services and MSPs
- ★ Support the IALA membership in the development of Product Specifications
- ★ Co-ordinate technical input to IMO, IHO, ISO, IEC and CIRM on e-Navigation
- ★ Management of IALA S200 domain ownership (IHO S-200, S-100 & S-99)
- ★ Liaison with IHO on matters regarding S-100
- ★ Contribute to IMO/IHO Harmonisation Group on Data modelling (HGDM)



WG1 - Harmonization

Tasks

- ★ Advise IALA on e-navigation infrastructure and its governance (Maritime Cloud and SWIM)
- ★ Develop Recommendation on Common Shore based System Architecture (CSSA)
- ★ Pursue amendment of S-100 for Service Orientation
- ★ Revise Guideline 1087
- ★ E-navigation Risk assessment and management plan

S-201 Task Group

- ★ Development of the product specification for AtoNs is at a fairly mature state
- ★ Some questions concerning whether it should be compatible with S-57 or to move direct to S-101 compatibility
- ★ A final draft is planned for ENAV16 in April 2015
- ★ 2016 trials expected between Trinity House and UKHO

IALA Product Specifications

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

(allocation of numbers is provisional)

