

**IALA COUNCIL  
60<sup>th</sup> Session**

**May 26-29, 2015  
Kuala Lumpur  
Malaysia**

**Agenda item 9 – IALA TECHNICAL ACTIVITIES**

**9.5 ENAV**

**9.5.2 ENAV Committee work plan**

**Note by the Secretariat**

The work plan was updated to reflect the evolution of the work in the ENAV Committee.

- Two workshops were added.
- Duration of five tasks was extended.
- Three tasks were removed.
- Two new tasks were added.
- Wording of five tasks was amended to reflect the objective of the task more clearly.

**Action requested from Council:**

The Council is invited to approve the revised ENAV Committee work plan.

ENAV Committee – Work Plan 2014-2018														
Strategy Technical Domain	Task	Expected Output	WG	Session							Status			
				1	2	3	4	5	6	7				
1. TD#1 – Data modelling and message systems														
1.1. AtoN data information structure, exchange, presentation	1.1.1.													
	1.1.2.													
	1.1.3.													
1.2. S-100 registry and Product Specifications	1.2.1.Develop Product Specification on AtoN Information	Product Specification	1											
	1.2.2.													
	1.2.3.													
	1.2.4.													
1.3. S-100 registry – coordination of work by all Committees	1.3.1.Revise Guideline 1106	Revised Guideline	1	x	x	x							One session added	
	1.3.2. Amend S-100 for Service Orientation	Proposed changes to IHO S-100	1		x	x	x						One session added	
1.4. Message structure for e- Navigation including VDES	1.4.1. Develop Message Structure for VDES	Message Structure	3			x	x	x	x	x	x	x	Future	
	1.4.2.Develop Message Structure for e-navigation	Message Structure	3			x	x	x	x	x	x	x	Future	
	1.4.3.													
2. TD#2 – e-Navigation communications														
2.1. VDES, satellite, WRCP	2.1.1.Update the MRCP	Marine Radio Communications Plan	3							x	x		Future	
	2.1.2.Develop Recommendation and Guideline on VDES	Recommendation	3	x	x	x	x	x	x	x	x	x	On-going	

[illegible]

[illegible]

ENAV Committee – Work Plan 2014-2018												
Strategy Technical Domain	Task	Expected Output	WG	Session							Status	
				1	2	3	4	5	6	7		
	4.1.2. Maintain a global repository for test-bed results;	Web portal Ownership and hosting	2	x	x	x	x	x	x	x	Ongoing	
	4.1.3. Encourage testbed project managers to provide information and results to IALA for posting at www.e-navigation.net;	Communication by IALA Secretariat and website	2	x	x	x	x	x	x	x	Ongoing	
	4.1.4. Update IALA Guideline 1107 on the reporting of results of e-navigation testbeds	Review guideline	2					x	x	x	Not started	
4.2. Analysis of results of testbeds	4.2.1. Monitor testbed outcomes (lessons learnt) and advise the membership as appropriate	Monitor and communicate	2	x	x	x	x	x	x	x	Ongoing	
4.3. Assistance to the IALA Membership	4.3.1. Provide guidance to IALA members to formulate the scope and topics of their testbeds	Guidance and Technical cooperation initiatives	2	x	x	x	x	x	x	x	Ongoing	
	4.3.2. Jointly (with WG 1) develop an IALA Seminar to include e-navigation testbeds in 2016/17	Develop proposal with WG 1/seek Council approval	2		x	x	x	x			Not started	
	4.3.3. Risk assessment and management plan	Risk Management Plan	1		x		x		x			
	4.3.4. Revise and maintain e-Navigation roadmap	Plan and Liaison notes	2		x		x		x			
4.4. Discussion platform	4.4.1.										Withdrawn	
	4.4.2. Develop and monitor fora to discuss testbed-related issues	Establish and maintain fora	2	x	x	x	x	x			Recommended	
4.5. Implementation	4.5.1. Liaise with IMO on e-navigation implementation and related regulatory matters	Liaison notes	2		x	x	x	x	x	x	As required	
	4.5.2. Monitor and analyse the execution of relevant tasks, in particular those in the IMO e-Navigation strategy implementation plan	Liaison notes	2		x	x	x	x	x	x	As required	

ENAV Committee – Work Plan 2014-2018												
Strategy Technical Domain	Task	Expected Output	WG	Session							Status	
				1	2	3	4	5	6	7		
	4.5.3. Provide implementation guidance on developments in the e-Navigation domain, in cooperation with other IGO/NGOs	Guidance	2		x	x	x	x	x	x	As required	
	4.5.4. Provide guidance and support to the decision-making process related to the implementation of e-navigation	Guidance	2		x	x	x	x	x	x	As required	
	4.5.5. Support IMO with the future development and implementation of e-navigation and contribute to related tasks	Liaison notes	2		x	x	x	x	x	x	As required	
	4.5.6. Monitor ship board developments in order to provide appropriate e-Navigation services;	Rapporteur reports	2		x	x	x	x	x	x	On going	
	4.5.7. Inform IALA’s Legal Advisory Panel (LAP) of any apparent legal implications of emerging implementation issues	Liaison notes	2		x	x	x	x	x	x	On going	
4.6. Monitoring of developments nationally and regionally, and effect on competent authorities	4.6.1. Evaluate developments and identify potential impact on authorities	Rapporteur reports									New Task	
	4.6.2.											
5. TD#5 – Maritime Service Portfolios												
5.1. IALA Domains management, data modelling and standardisation. e-Navigation services arising from the Maritime Service Portfolios identified by the IMO Strategy Implementation Plan (SIP).	5.1.1. Develop Guideline/Recommendation on Maritime Service Portfolios	Guideline or Recommendation	4				x	x	x	x		
	5.1.2. <b>MSP1</b> VTS Information Service (IS) / Operational User Requirements	Liaison note to WG1	4			x					Priority 4	
	5.1.3. <b>MSP2</b> Navigational Assistance Service (NAS) / Operational User Requirements	Liaison note to WG1	4		x	x					Priority 10	
	5.1.4. <b>MSP3</b> Traffic Organization Service (TOS) / Operational User Requirements	Liaison note to WG1	4		x	x					Priority 11	

ENAV Committee – Work Plan 2014-2018											
Strategy Technical Domain	Task	Expected Output	WG	Session							Status
				1	2	3	4	5	6	7	
	5.1.5. <b>MSP4</b> Local Port Service (LPS) / Operational User Requirements	Liaison note to WG1	4		x	x					Priority 9
	5.1.6. <b>MSP5</b> Maritime Safety Information (MSI) Service / Operational User Requirements	Liaison note to WG1	4	x	X	x					Priority 1
	5.1.7. <b>MSP6</b> Pilotage Service / Operational User Requirements	Liaison note to WG1	4		x	x					Priority 13
	5.1.8. <b>MSP7</b> Tugs Service / Operational User Requirements	Liaison note to WG1	4		x	x					Priority 14
	5.1.9. <b>MSP8</b> Vessel Shore Reporting / Operational User Requirements	Liaison note to WG1	4		x	x					Priority 8
	5.1.10. <b>MSP9</b> Telemedical Maritime Assistance Service / Operational User Requirements	Liaison note to WG1	4		x	x					Priority 16
	5.1.11. <b>MSP10</b> Maritime Assistance Service (MAS) / Operational User Requirements	Liaison note to WG1	4		x	x					Priority 12
	5.1.12. <b>MSP11</b> Nautical Chart Service / Operational User Requirements	Liaison note to WG1	4		x						Priority 3
	5.1.13. <b>MSP12</b> Nautical Publications Service / Operational User Requirements	Liaison note to WG1	4			x					Priority 5
	5.1.14. <b>MSP13</b> Ice Navigation Service / Operational User Requirements	Liaison note to WG1	4		x	x					Priority 7
	5.1.15. <b>MSP14</b> Meteorological Information Service / Operational User Requirements	Liaison note to WG1	4		x	x					Priority 6
	5.1.16. <b>MSP15</b> Real-Time Hydrographic and Environmental Information Services / Operational User Requirements	Liaison note to WG1	4		x						Priority 2
	5.1.17. <b>MSP16</b> Search and Rescue (SAR) Service / Operational User Requirements	Liaison note to WG1	4		x	x					Priority 15

ENAV Committee – Work Plan 2014-2018												
Strategy Technical Domain	Task	Expected Output	WG	Session							Status	
				1	2	3	4	5	6	7		
	5.1.18. Develop Recommendation on Common Shore based System Architecture	Recommendation	1	x	x	x	x	x	x	x	Ongoing	
	5.1.19. e-Navigation infrastructure and its governance	Information paper	1	x	x	x	x	x	x			
	5.1.20. Organise a Workshop on Shore Based Maritime Services	Workshop	4		x	x	x	x				
	5.1.21.											