



IALA COUNCIL 73rd session



8-10 June 2021
Video conference

10 – TECHNICAL ACTIVITIES

10.2 – ARM

10.2.1.– ARM13 summary report

Note by the Secretariat

1. INTRODUCTION

The 13th Session of the ARM Committee was held virtually from 13 to 28 April 2021. The session was attended by 94 participants from 30 countries. 26 participants attended for the first time.

The Committee revised the work programme based on the decision of the Council and worked on the extended work period 2018-2023. Working in three working groups, the Committee considered 82 input papers, including presentations and produced 36 output and working documents. Please refer to the annex for the overall status.

2. IALA SUBMISSION TO OTHER ORGANISATIONS

One liaison note to ITU was prepared and approved by silent approval procedure (Ref.: G/C/C73/21-058).

- C73-12.1.1 Liaison note to ITU-R WP5B on Revision of Recommendation ITU-R M.1371-5.

3. OUTPUTS FOR APPROVAL

One draft Recommendation has been finalised for the Council approval.

- C73-10.2.2 (ARM13-11.2.1) Revised Recommendation R0143 Provision of Virtual Aids to Navigation (O-143), Ed 1.3.

Three draft Guidelines have been finalised for the Council approval.

- C73-10.2.3 (ARM13-11.2.2.7) New Guideline G1081 Provision of Virtual Aids to Navigation, Ed 1.0.
- C73-10.2.4 (ARM13-11.3.3) Revised Guideline G1143 Unique Identifiers for Maritime Resources, Ed 2.1.
- C73-10.2.5 (ARM13-11.2.1) New Guideline on Ship Reporting from a shore-based perspective, Ed 1.0.

One note from the chair has been prepared for the Council to note.

- C73-10.2.4.1 Draft Guideline on Ship Reporting from a shore-based perspective.

4. THE COUNCIL IS REQUESTED TO

NOTE the information provided in this document.



Annex Overall status of the ARM Committee 2018-2022 Work Programme after ARM13:

Task	Start Session	Planned End Session	Revised End Session	Progress Indicator			Status Overview
				Green	Yellow	Red	
WG#1 – Navigational Requirements							
1.1.1	Develop guidance on regulatory/legal framework for Aton Authorities						Task deleted following LAP advice
1.1.2	10	13	14				
1.4.1	10	12	14				
1.5.1	8	12	14				
1.5.2	8	11	12				Complete
1.5.3	8	12	14				
1.5.4	13	14	16				Start postponed
1.5.5	10	11					Deleted
1.5.6							Complete
1.5.7	14	16					To be commenced at ARM14
1.5.8	10	12	14				
1.5.9	10	12					ENG Completed
1.5.10	8	10					Complete at ARM12
1.6.1	8	11	13				Completed at ARM13
2.1.1							Complete
5.3.1	9	14					Postponed until 2022.
3.2.1	8	14	15				Ongoing
	Review IALA Aton questionnaire						Complete
WG#2 – Information Services and Portrayal							
2.2.1	10	11					Incorporated in review of AIS documentation
2.2.2							Completed at ARM9



Task	Start Session	Planned End Session	Revised End Session	Progress Indicator			Status Overview
				Green	Yellow	Red	
4.1.1	Review G1050 Management and Monitoring of AIS Information (Dec 2005)	9	11				Incorporated in review of AIS documentation
4.2.1	Maritime Connectivity, Define User Requirements for Maritime Connectivity, Define User Requirements for the Maritime Internet of Things (Define Requirements for MRN Addressing) and Contribute to IALA submission to IMO	9	14	16			Ongoing
5.1.1	Develop guidance on Maritime Services including the production of an 'e-Navigation Operational Service Description'	9	14				Completed at ARM12
5.1.2	New Guideline on Operational considerations for S-200 (S-201 AtoN information and S-230 Application Specific Messages)	9	11	16			Ongoing
5.1.3	Continue to Develop Product Specification S-201 in the Task Group already assigned						
5.1.4	Develop Annex C to S-201	9	11	16			Ongoing
5.1.5	Develop Requirements for S-125	8	14	16			Ongoing
5.1.6	Coordination with IHO/WMO for S-100, S-200, and MRN management (S-100/S-200 message coordination with other Committees on S-2xx development)	8	14	16			Ongoing
5.1.7	Develop guidance on MRN for users	8	14				Complete at ARM13
5.1.8	Develop MRN Registry Submission & Maintenance Guideline for IALA Secretariat	8	14				Ongoing
5.1.9	Develop Recommendation to cover MRN Guidelines	9	10				
5.1.10	Coordinate Committee support for IALA representation at IHO working groups in cooperation with Secretariat (HSSC, S-100WG, NIPWG)	8	14	16			Ongoing
5.1.11	Monitor the development of S-201 Testbed	8	14	16			Ongoing
5.2.1	Review G1105 shore side portrayal ensuring harmonisation with e-Navigation related information	9	14	16			Ongoing
5.2.2	Develop Guideline on ship reporting from the shore-side perspective						Completed at ARM13
5.3.1	Develop guidance on the symbology and portrayal of AtoN for charting	9	14	16			Ongoing (with 5.2.1)
6.2.1	Joint IMO IHO IALA Workshop regarding the management of S-100 PS	9					TBC
6.2.2	Participate in ARM led joint workshop on cyber security	8	14	16			Ongoing
WG#3 – Risk Management							
1.2.1	Review G1018 Risk Management to ensure compatibility with risk toolbox. Includes full review of underlying Risk Toolbox documentation G1123, G1124, G1138	8	13	14			
1.2.2	Review R0142 Maritime Data Sharing IALA Net to reflect new title "Maritime data sharing" and the storage and use of historical [AIS and other] data for risk analysis. New Guideline incorporating a Conceptual framework for data sharing, capture and analysis	10	14				Delayed due to developments in IALANET
1.2.3	Review G1086 Global Sharing of Maritime Data (June 2012) in collaboration with task 1.2.2 (R0142 review)	9	14				Delayed due to developments in IALANET
1.2.4	In cooperation with ENG (task 1.2.1) revise R0138 and G1058 and G1097 on simulation use by AtoN authorities	8	12	14			



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					Green	Yellow	Red	
1.2.5	Develop Recommendation for marine data sharing for risk assessment analysis or incorporate with R0142 task 1.2.2							Task merged with 1.2.2
1.2.7	Develop document to promulgate IALA risk management tool box to IMO (SN circular)	13		15				Will be progressed at the completion of all other tasks.
3.1.1	Review G1020 Training Related to [Marine] Aids to Navigation (Dec 2005)	8	14					Complete
6.1.1	Cooperate with WWA in providing Risk Seminar(s)	8	14	16				Ongoing

Legend:

Green – progress as planned

Yellow – task needs more time, target time prolonged

Red – task delayed due to external issue

Grey - task completed / deleted

Blank – task not started