



IALA POLICY ADVISORY PANEL

REPORT OF THE 46TH SESSION OF THE IALA POLICY ADVISORY PANEL (PAP)

02 - 04 May 2022

EXECUTIVE SUMMARY

The 46th session of PAP was held in person between 02 - 04 May 2022.

Key outcomes included:

- The review and proposed update of the *IALA Position on the Development of AtoN Services* document
- The latest versions of the standards following the amendments proposed by LAP were agreed
- The proposal for a workshop on sustainability in the provision of AtoN will be submitted to Council
- The proposal for a workshop on digital maritime radiocommunication will be submitted to Council
- The future dates for the committees and PAP were agreed
- The new Committee Working Arrangements as agreed at PAP43 were reviewed and reaffirmed as how the chairs' wish to conduct their committees

The PAP was also updated on many items including:

- The transition arrangements for IALA to go from an NGO to an IGO
- The progress of the review of R1001 IALA Maritime Buoyage System
- Maritime Resource Registry
- Maritime Services



CONTENTS

1. INTRODUCTION	5
1.1. Welcome by Secretary-General and Deputy Secretary-General	5
1.1.1. Welcome by the Secretary-General.....	5
1.1.2. Welcome from the Deputy Secretary-General	5
1.2. Approval of agenda.....	5
1.3. Apologies and introductions.....	5
2. REVIEW OF ACTION ITEMS	6
2.1. Review of action items	6
3. REVIEW OF INPUT PAPERS.....	6
3.1. Review of input papers to PAP46	6
4. PROGRESS REPORTS.....	6
4.1.1. ENAV.....	6
4.1.2. VTS.....	6
4.1.3. ENG.....	7
4.1.4. ARM.....	7
4.1.5. IMC.....	8
4.1.6. LAP.....	8
4.1.7. WWA.....	8
5. STRATEGY AND POLICY	9
5.1. IALA Position on the Development of AtoN Services	9
5.2. IALA Style Guide.....	9
5.3. revision of IALA standards	9
6. COMMITTEE WORK PROGRAMME AND STRUCTURE	10
6.1. Committee Work Programme 2018 - 2023 and 2023 – 2027	10
6.2. Future committee structure	11
6.3. Upcoming events.....	12
6.3.1. Workshop on AtoN engineering	12
6.3.2. Workshop on S-100/200.....	12
6.3.3. Workshop on Sustainability	12
6.3.4. Workshop on Digital Communication Infrastructure.....	12
6.3.5. Heritage and Culture Seminar	12
6.3.6. Committee / PAP Dates	12
6.4. R1001 IALA Maritime Buoyage System	12
6.5. Maritime Resource Name (MRN)	12
6.6. Maritime Services	13
6.7. IALA Questionnaires	13
6.8. IALA NAVGUIDE	13
7. OPERATIONS/ADMINISTRATION	14
7.1.1. IALA Dictionary	14
7.1.2. Communications.....	14



CONTENTS

7.1.3. Committee facilitation	14
8. ANY OTHER BUSINESS	14
9. REPORT OF THE MEETING.....	15
10. DATE AND VENUE OF NEXT MEETING	15
11. CLOSING OF MEETING	15
12. LIST OF ANNEXES TO THE REPORT	15

Report of the 46th Session of the IALA

Policy Advisory Panel

GENERAL

The 46th session of the Policy Advisory Panel (PAP) was held on 02 – 04 May 2022 in person, with IALA Deputy Secretary-General Omar Frits Eriksson as Chair and Thomas Southall as Secretary.

1. INTRODUCTION

1.1. WELCOME BY SECRETARY-GENERAL AND DEPUTY SECRETARY-GENERAL

1.1.1. WELCOME BY THE SECRETARY-GENERAL

The Secretary-General, Francis Zachariae, welcomed PAP members to the meeting. He stated that:

“The pandemic is behind us, and it is wonderful to see you again. This is PAPs first physical meeting of the IALA organs, but we have had a lot of visits lately: Cameroun, Congo, Liberia and Guinea.

Also, all of IALAs travels are back including Singapore Maritime Week, with Digital@Sea North America next week, Council in Copenhagen, the IMPA Congress, Marissa day, Digital@Sea Asia Pacific just to mention some of them. The World Wide Academy is also busy but Omar will speak about this later.

The virtual meetings over the last two years have been a fantastic success and I would like to thank you all for your dedication and patience. I realize that it has been an enormous burden to have these meetings over several weeks, but the result is amazing. Minsu will present some statistics showing the number of participants and results.

As you probably know 51 States have now signed the Convention and 6 have already ratified or accepted and we anticipate that more will follow shortly.

When 30 States have ratified or acceded IALA will become an IGO so let me quickly explain the timeline for the transition period.

It is presumed that the transition will happen in the next work period and then the new Council and the new General Assembly will decide on the structure and future of IALA. It is anticipated that much will remain the same, but there could be changes. It will be a challenging period and I would recommend to Council not to change too much for the next period 2023 to 2027 such as strategy, committees and structure.

Finally, we held an IMC meeting last week with an update from Alberto and it seems like the Conference in Rio is on track. The interest is overwhelming with almost 200 abstracts. I look forward to the difficult discussion on Thursday, but thanks to your input we are well prepared.”

Further discussion clarified the transition arrangements, and those Industrial and Associate members will become Affiliated members of the new IGO if they so wish.

1.1.2. WELCOME FROM THE DEPUTY SECRETARY-GENERAL

The Deputy Secretary-General welcomed all members to the 46th session of the PAP and expressed his delight that it IALA could host this session in person.

1.2. APPROVAL OF AGENDA

The agenda (input paper PAP46-1.2.1) was approved. The approved agenda is provided in ANNEX A.

1.3. APOLOGIES AND INTRODUCTIONS

Apologies were received from Phil Day, ARM Chair and Dirk Eckhoff, VTS Vice-chair.

2. REVIEW OF ACTION ITEMS

2.1. REVIEW OF ACTION ITEMS

The PAP Secretary, Thomas Southall, highlighted to the following PAP actions as ongoing:

“That the Secretariat organize and host an inter committee group meeting on the GI registry proposals.

That the Secretariat amends the VTS Manual to reflect that only recommendations are normative or informative. Guidelines can never be normative or informative as they are a broad description of possible ways you may fulfil the provisions of a recommendation.

That the Secretariat and the LAP Chair develop guidance on the use of the words shall or should in IALA documentation and provide input to subsequent PAPs.

That the Secretariat provide an input paper to the committees regarding S-200 and the subsequent actions that the committees have to fulfil, particularly regarding the IHO GI register.”

All other actions were reported as completed.

3. REVIEW OF INPUT PAPERS

3.1. REVIEW OF INPUT PAPERS TO PAP46

Members noted the revised input paper list (PAP46-3.1.1). A list of input papers is provided in ANNEX C.

4. PROGRESS REPORTS

4.1.1. ENAV

The 29th meeting of the ENAV Committee was held virtually from 14 March to 1 April 2022; chaired by Hideki Noguchi and the Vice-chair was Jorge Arroyo. The Secretary for the meeting was Jaime Alvarez.

There were 97 registered participants, 3 for the first time, from 29 countries and 4 organisations.

Key highlights were:

- Three papers to IMO NCSR9 for the Council to approve on the following matters were produced:
 - Report of the trial on digital voice communication in maritime VHF band
 - VDES Ranging mode
 - Proposal on WRC-23 agenda item 10
- New task proposals were identified for the next work programme 2023-2027
- The following workshop proposals for 2023 were progressed:
 - Workshop proposal on Digital Maritime Communication infrastructure
 - Workshop proposal on Sustainability

4.1.2. VTS

The 52nd session of the VTS Committee was held from 30 March 2022 – 13 April 2022 virtually with Monica Sundklev as Chair and Dirk Eckhoff as Vice-chair. The Secretary for the meeting was Thomas Southall.

155 participants from 30 countries, three Sister organisations participated in VTS52. 18 participants attended for the first time.

The meeting was carried out in accordance with the updated Virtual Committee Arrangements online. Approximately 40 meetings were arranged.

Key outputs completed included:

- Revised Recommendation R0119 Establishment of a VTS
- Revised Guideline G1150 Establishing Planning and implementing a VTS
- Draft description of Maritime Service 1- Vessel Traffic Service
- Draft Guideline on Human Factors and Ergonomics in VTS
- WP Guideline G1111 Establishing Functional Performance Requirements for VTS systems (given provisional Committee approval – will only go forward onto Council once the sub-guidelines are ready)

The VTS Chair, Monica Sundklev, highlighted that there would be a specific procedure for early input papers from the intersessional groups in order to finalize as many documents as possible at VTS53, which is the last session of this working period, particularly the associated sub-guidelines of Guideline G1111.

4.1.3. ENG

The 15th meeting of the ENG Committee (ENG15) was held virtually from 28 February to 17 March 2022. The session was attended by 111 registered participants from 30 countries. 16 participants attended for the first time.

The ENG Chair, Simon Millyard, reported that generally, the virtual arrangements worked well.

He then went on to provide an overview of work and outputs as follows:

- Work plan: Most items on the current work plan are scheduled for completion. The new 2023 -2027 draft work plan has been finalised.
- Presentations: 8 Presentations were given on Luminous Intensity measurement, Tsunami monitoring buoys, AtoN channel distribution, Racon developments, R-Mode update, SBAS standardisation update, Galileo shipboard reception and celebration of 200 years of the Fresnel lens.
- Sustainability: Following a review at PAP, it was agreed to develop a workshop on Sustainability in the provision of AtoN, after much discussion, it was considered that this would be in late 2023 after the Council in Rio which, it was hoped, would promote interest in the workshop. This is underway with a steering group convened. LNs to all committees sent requesting a member to join the Steering Committee.
- Output papers to Council: (of specific interest to PAP). Sustainability workshop proposal, New Guideline on 3rs Party Quality Control, R0141 Training & Certification revised, New Guideline on Marine solar panels, G1127 High Accuracy systems Guideline revised, G1129 SBAS retransmission revised, New Guideline G1147 on Enhanced Radar Positioning Systems.
- Lighthouse of the Year: The scheduled dates for submission and approval have been adjusted to make the selection and approval easier and to fit in to the IALA calendar. Three LHs were recommended to Council for this accolade, Sumburgh Head (Scotland), Homigot (RoK) and Cap Spartel (Morocco) with a proposal to Council that Homigot LH be nominated as the HLY for 2023.
- Heritage Seminar: This is now being planned for the two days immediately preceding the Council in Rio (27th & 28th May 2023) as an optional extra to delegates and open to others as an independent event. CS in progress.
- The PAP noted that within ENG, WG4 is the Heritage Forum and at ENG15 it attracted twenty-nine participants, a record number and a positive legacy from the Incheon Declaration signed in 2018.
- AtoN Engineering Workshop: AMSA have now confirmed that this workshop will go ahead in 2024 in Sydney, Australia.

4.1.4. ARM

The 15th Session of the ARM Committee was held virtually from 11 to 25 March 2022 with Phil Day as Chair and Dave Lewald as Vice-Chair. The Secretary for the meeting was Thomas Southall.

78 Participants from 24 countries participated in ARM15. 8 participants attended for the first time.

The meeting was carried out in accordance with the Virtual Committee Arrangements online. Approximately 44 meetings were arranged.

Key outputs completed included:

- Revised Recommendation R1001 The IALA Maritime Buoyage System
- Draft Recommendation on Maritime Resource Name Guidance
- Revised Guideline G1018 Risk Management
- Revised Guideline G1123 The use of IWRAP
- Revised Guideline G1124 The Use of PAWSA MKII
- Revised Guideline G1058 The Use of Simulation as a Tool for Waterway Design and AtoN Planning

4.1.5. IMC

Following an IMC meeting on 28 April, Malcolm Nicholson, IMC representative, reported that arrangements were on track for the General Assembly and Conference in Brazil.

4.1.6. LAP

The 23rd session of the Legal Advisory Panel was held by videoconference on 29 - 30 March 2022, with Christina Schneider as Chair, Henning Osnes Teigene as Vice-chair and Audrey Guinault as Secretary.

The LAP was informed about the changes to the standards following PAP44. The LAP reviewed the standards and made some small amendments for PAP46 to consider.

The LAP was briefed on the change of status progress and particularly on the way ahead, following the successful signing ceremony in January 2022 with 51 signatures. The transition period plan, the new General Regulations, Headquarters agreement and staff rules were presented to the panel.

The LAP also reviewed the draft MBS following the changes made by the PAP and the ARM committee and suggested some editorial changes.

The LAP considered the amendments made to the Basic Documents regarding the Terms of Reference for the Committees and made further changes. The new edition of the Basic Document will be submitted to Council 75 for approval.

The rest of the meeting was routine business including the review of the Risk Registers for IALA and the World-Wide Academy.

4.1.7. WWA

The Dean of the Academy, Omar Fritz-Eriksson, provided PAP with an overview on the work of the Academy. In particular, the approach of the Academy that supports Goal 2 of IALA, namely, to enlighten, educate and engage recipients of the Academies help, the development of an IALA app and a travel policy that the academy utilises for safety.

The alumnus of the academy currently stands at approximately 395 AtoN managers and Masters of AtoN and shared a geographical display of where they are roughly located:



In conclusion the Dean reported that the Academy has a busy schedule this year visiting many different parts of the globe. The Academy also continues to assist coastal states with many areas including risk assessment, Aton planning, governance and policy and procurement training.

5. STRATEGY AND POLICY

5.1. IALA POSITION ON THE DEVELOPMENT OF ATON SERVICES

The Chair recalled the *IALA Position on the Development of Aton Services* document. The Chair requested that the PAP focus on the review of this document. Discussion concluded that:

- This document remains a valuable and relevant document
- It is useful to clarify amongst members and external parties IALAs position on an array of topics.
- The document is used as a link between the *Strategic Vision* and the work programmes of the committees and can be used as inspiration the future work program.

The documents' structure was reviewed, and it was agreed that it should align with the standards and the scopes. The position statements were clarified and agreed by the PAP members and the Secretariat will amend the structure, make it comply with the *Style Guide* and finalize the changes suggested by the PAP.

Action item:

That the Secretariat amends the structure of the IALA Position on the Development of Aton Services document, make it comply with the Style Guide and finalize the changes as suggested by the PAP.

5.2. IALA STYLE GUIDE

Technical Officer, Thomas Southall, reported that the Secretariat intend to update the next version of the *Style Guide* prior to the commencement of the second half 2022 committee season. The Secretariat noted that suggestions had already been received from PAP members for this update.

5.3. REVISION OF IALA STANDARDS

Minsu Jeon, Technical Operations Manager, presented to the PAP changes made to the Standards following the recent session of the LAP. Various amendments were displayed including alignment to the *Style Guide*, review of the numbering of the scopes. PAP members agreed scope S1010-3 Virtual marking from *Standard 1010 Aton Planning and Service Requirements* should be deleted as planning includes utilisation of all types

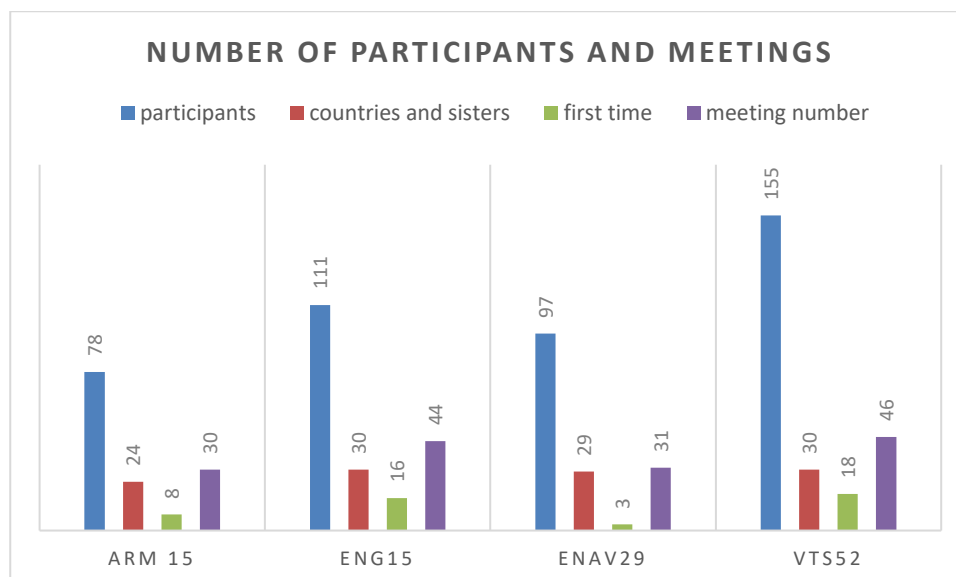
of AtoN so it did not make sense to single out virtual markers as a scope on its own. The PAP approved the LAP amendments and the journey of the standards from the PAP is highlighted in the diagram below:

Organ and Date	Activity	Comment
PAP 46 2 nd half 2022	Finalises the draft standards edition 2.0 for Council approval	
Secretariat	Update the referenced recommendations	
Council 76 2 nd half 2022	Approval of the draft Standards edition 2.0	
2 nd half 2022	Information process to all Members	Website with explanatory info
General Assembly 1 st half 2023	General Assembly voting on the update of Standards edition 2.0	Brazil
2 nd half 2023	Announcement of result of voting to membership and other organisations	Circular letter and IALA bulletin

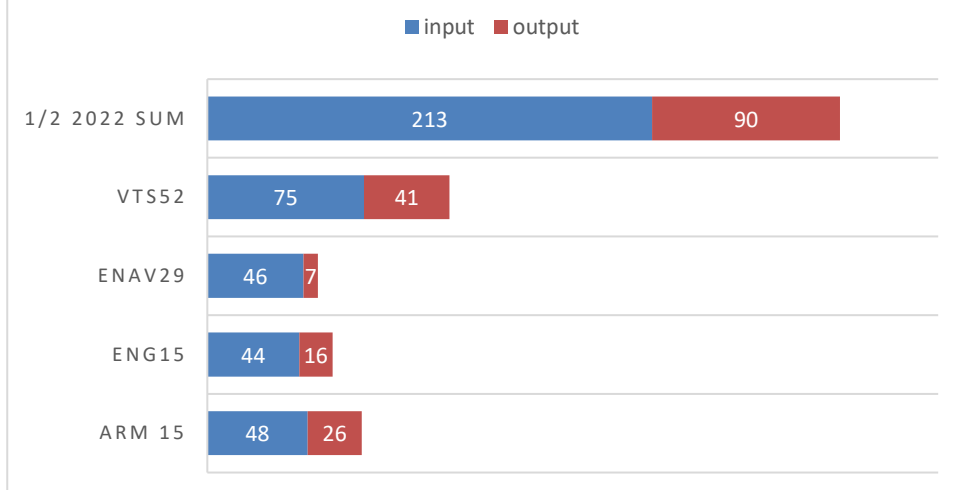
6. COMMITTEE WORK PROGRAMME AND STRUCTURE

6.1. COMMITTEE WORK PROGRAMME 2018 - 2023 AND 2023 – 2027

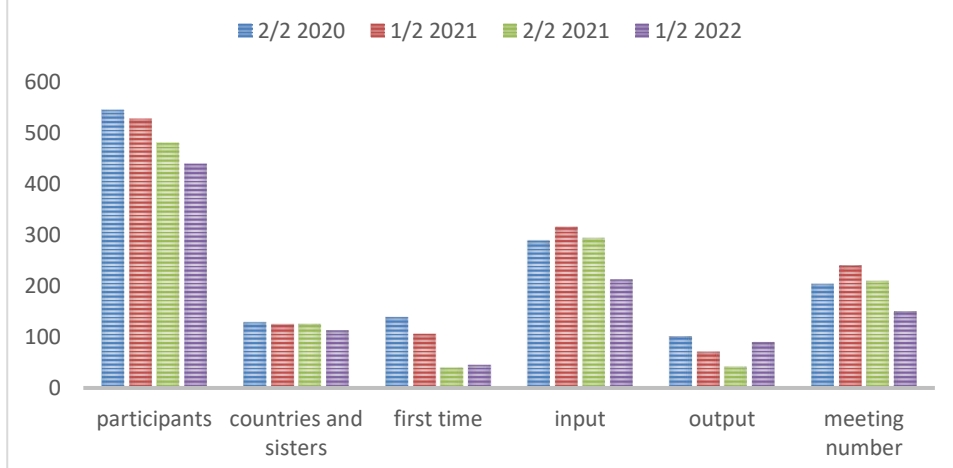
Minsu Jeon reported statistics that the Secretariat had gathered covering the virtual committees as depicted in the tables below which the PAP noted:



NUMBER OF INPUTS AND OUTPUTS



COMMITTEE ACTIVITIES FOR LAST 4 SESSIONS



PAP members noted and welcomed the improvements to the online / Wi-Fi facilities at Headquarters. The PAP agreed to make the Work Programme the focus for PAP47 and 48 and Chairs agreed to make draft task plans and registers ready as soon as possible which should include a standing task on the review of all documentation attributed to the various committees to ensure that they remain valid. Task plans and registers should follow the templates provided. The proposed timeline below was also noted:

Action item:

That committee chairs provide their committee's proposals, both in the task register template and the task plan template, for the Work Programme 2023 – 2027 to the Secretariat in order that a draft work programme can be input to the PAP.

6.2. FUTURE COMMITTEE STRUCTURE

The internal structure of the committees is at the chairs' discretion; therefore, members were asked if they have any changes to consider and were encouraged to raise them at subsequent PAP sessions.

Action item:

That committee chairs submit input to PAP on any possible changes to the future committee internal structure.

6.3. UPCOMING EVENTS

6.3.1. WORKSHOP ON ATON ENGINEERING

AMSA have confirmed that it is planned to hold this workshop in 2024 in Australia. PAP noted that there was an opportunity to aim at higher participation from the Pacific region which will further supplement IALA's work with The Pacific Community (SPC). The aim of the workshop is to update IALA's environmental guidance.

6.3.2. WORKSHOP ON S-100/200

The joint IALA/IHO workshop on S-100/200 is due to take place later in September 2022 and will be held face-to-face.

6.3.3. WORKSHOP ON SUSTAINABILITY

It is proposed that this workshop will be held at IALA Headquarters. The workshop proposal will be submitted to Council 75 for their approval.

6.3.4. WORKSHOP ON DIGITAL COMMUNICATION INFRASTRUCTURE

The PAP agreed that this proposal should be submitted to Council and thanked the Japan Coast Guard for this initiative. The Panel noted that the goal of the workshop is to develop an IALA plan on digital maritime radiocommunication infrastructure.

6.3.5. HERITAGE AND CULTURE SEMINAR

The PAP noted that this seminar would be held in the two days preceding the IALA Conference in Brazil next year. It was also welcomed that there were 16 papers that had already been submitted that can be used for this event.

6.3.6. COMMITTEE / PAP DATES

The PAP agreed the dates for the following events:

PLAN FOR COMMITTEES, WORKSHOPS AND SEMINARS IN 2022 AS OF 29 APRIL 2022

Event	Title	Status	Number of days	Date	Venue
Panel	PAP 46 and conference paper selection	Planned	5	2 – 6 May 2022	IALA HQ
Workshop	Joint IHO/IALA workshop on S-100/S-200 Development and Portrayal	Planned	5	5 – 9 September 2022	Aalesund, Norway
Panel	PAP 47	Planned	3	13 – 15 September 2022	IALA HQ
Committee	VTS 53	Planned	5*	19 - 23 September 2022*	IALA HQ
Committee	ENAV 30	Planned	5*	26 -30 September 2022*	IALA HQ
Committee	LAP 24	Planned	5*	11-12 October 2022*	IALA HQ
Committee	ENG 16	Planned	5*	17 – 21 October 2022*	IALA HQ
Panel	ARM 16	Planned	5*	24 – 28 October 2022*	IALA HQ

* the dates and duration will be confirmed and released in due course

6.4. R1001 IALA MARITIME BUOYAGE SYSTEM

The review of Recommendation R1001 was completed at ARM15. The Secretariat are currently finalizing the diagrams that are included in the document and it is hoped that they will be ready for submission to Council alongside the text.

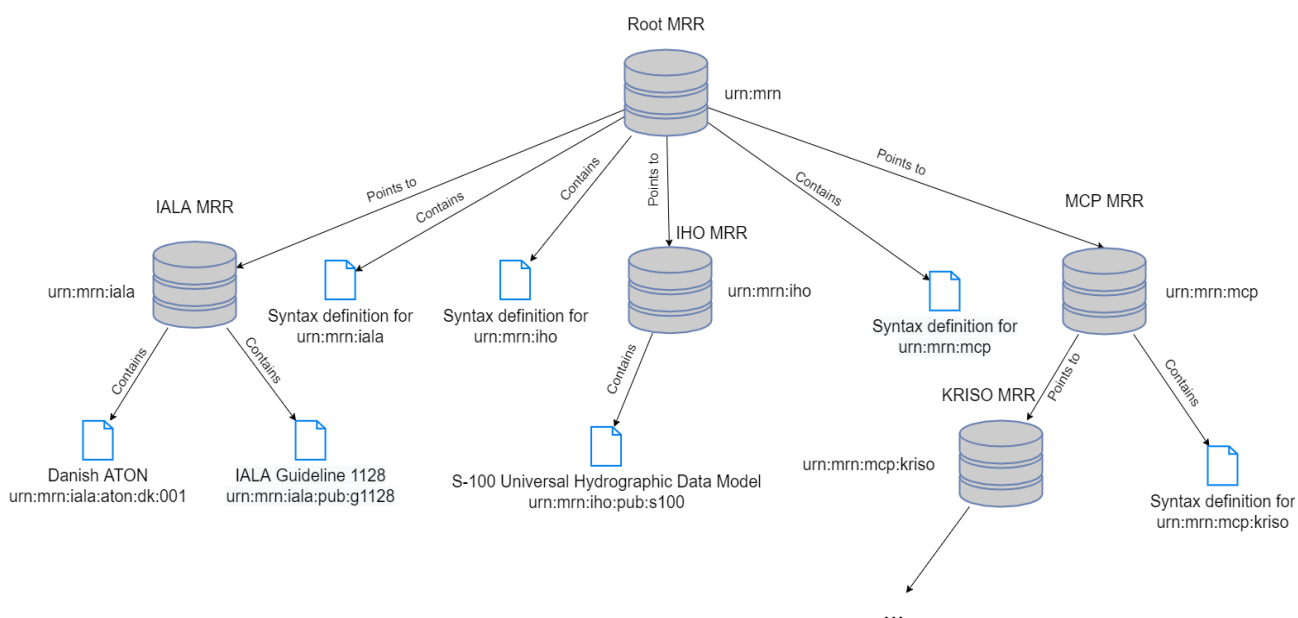
6.5. MARITIME RESOURCE NAME (MRN)

The PAP noted that the MRN Recommendation was completed at ARM15 and will be sent to Council for approval. Minsu Jeon reported the work that has so far been conducted around the Maritime Resource Register (MRR) supported by KRISO and Thomas Christensen. The purpose of the MRR is to:

- be a repository for IALA documents using MRNs are the unique identifier for the documents

- be a repository of MRN's
- be a management system for OID's (organisations that have a sub-domain of MRN)

IALA will start by allocating MRNs to standards, recommendations and guidelines. The PAP acknowledged that national registries would be linked to IALAs and the IHOs as deemed necessary. An illustration of the MRR can be seen below.



6.6. MARITIME SERVICES

The input document on Maritime Services from IALA to IMO NCSR9 has been submitted. The task is planned to be completed at NCSR9 so it is hoped that the task will be extended. Each committee is now required to progress their maritime services and the input from IALA to NCSR9 will be inputted to all committees in order to update all participants.

The PAP approved the input from VTS *PAP46-6.6.1.1 Description of Maritime Service 1- VTS (VTS52-13.1.1.4)* and it will now be forwarded to the ARM Committee.

Action item:

That the Secretariat forwards the document submitted by IALA to IMO NCSR9 on Maritime Services to all committees.

That the Secretariat forwards PAP46-6.6.1.1 Description of Maritime Service 1- VTS (VTS52-13.1.1.4) to the ARM Committee for further consideration.

6.7. IALA QUESTIONNAIRES

The PAP noted that the Secretariat is looking at receiving answers to IALA's questionnaires through a portal. Through this AtoN portal it can become a database. Discussion highlighted those national databases could be interfaced with IALAs own ensuring current information is provided seamlessly. Questionnaires could also be topic based. The Secretariat will progress this proposal further and propose a structure in subsequent PAPs.

6.8. IALA NAVGUIDE

The NAVGUIDE is in its final editorial phase with support from James Collocott. The draft will be circulated and submitted to the next PAP meeting.

7. OPERATIONS/ADMINISTRATION

7.1.1. IALA DICTIONARY

The PAP noted that the dictionary management group met in February and updated the new terms that were submitted to the group. Discussion considered the current platform that is used for the Dictionary and possible future needs, however, the Panel concluded that for the moment the Secretariat do not have the resources to expand the work in this area.

7.1.2. COMMUNICATIONS

The PAP noted that a full report on this topic would be received at PAP47. Since the last PAP session there has been a webinar on sustainable structural design of Marine Aids to Navigation. The webinar introduced key aspects of G1165 together with the first of several regional supplementary guides and AtoN professionals from around the world also presented best practice examples. The PAP also noted the great interaction that IALA enjoys from posts on LinkedIn.

7.1.3. COMMITTEE FACILITATION

Thomas Southall reported to the PAP on the last round of committee sessions. Discussion concluded that:

- There will be two separate input lists. One list for working papers (using the previous sessions output number) and the other list for new input papers. Following a trial with the VTS Committee it was found that this improved efficiency and clarity for participants.
- That liaison notes should be used when necessary but only if the committee has specific questions or answers to transmit. Notes that are merely to thank the submitter should be included in the report and not constitute output.
- The new Committee Working Arrangements were reviewed and reaffirmed as how the chairs' wish to conduct their committees. However, each Chair has discretion over the exact planning of their committee, for instance if they wish a virtual opening plenary or a physical one. Each Secretary will engage the chairs to discuss how they wish their committee to be conducted. Once this is agreed separate invitations for each committee should be sent to the membership setting out the working arrangements.
- Those participants registered constitutes the committee.
- It should be highlighted to participants that any future links to participate online should not be shared.
- It was acknowledged that any developments in IALAs working arrangements should be encompassed in the *Basic Documents - Rules of Procedure - Terms of Reference Committees*.

Action item:

That the Secretariat submit draft amendments to the Basic Documents - Rules of Procedure - Terms of Reference Committees to capture any developments in IALAs working arrangements following the experience gained during the virtual committees.

8. ANY OTHER BUSINESS

The following two items were considered:

- Malcolm Nicholson introduced a liaison note from ENG to LAP regarding a question that was raised by committee members of the potential liability of IALA for the use, accuracy and possible inaccuracy of these software calculators. All calculators are designed and tested with the best of intent by IALA committee participants (or in the case of the mooring chain calculator by Calmar). Whilst there has been no recalled experience of discontent or inaccuracy of such calculators, ENG felt that this should be considered by the LAP and PAP. It was agreed to make a list of IALA documents with calculators or spread sheets within in them and the LAP Chair will draft a disclaimer for the LAP to consider.

- The PAP discussed the progress of the MASS Task Force (MTF). It was acknowledged that their deliverables were in the ToRs of the group. The MTF will meet at Council 75 and will provide an update on the groups progress. It was also thought that the group should consider resilient PNT in their work.

Action items:

That the Secretariat makes a list of all IALA documents with calculations within them for members to use and submit the list to the LAP.

That the LAP Chair drafts a general disclaimer for LAP to consider that covers the use of any calculations within IALA documents by members.

9. REPORT OF THE MEETING

The final report was approved by correspondence.

10. DATE AND VENUE OF NEXT MEETING

PAP47 will be held in person at IALA Headquarters between 13 – 15 September 2022.

11. CLOSING OF MEETING

Omar Frits Eriksson thanked all participants for their cooperation and their great work in the committees.

12. LIST OF ANNEXES TO THE REPORT

- 1 Agenda
A copy of the agenda is at ANNEX A.
- 2 Participants
A list of participants is at ANNEX B.
- 3 Input papers
A list of input papers is at ANNEX C.
- 4 Output papers
A list of output papers is at ANNEX D.
- 5 Action items
A list of action items is at ANNEX E.

ANNEX A AGENDA



46th Meeting of the IALA Policy Advisory Panel (PAP46)

The 46th meeting of the Policy Advisory Panel will be held on 2 – 4 May 2022, at IALA HQ. The timings of the meeting are:

Monday 02/05/2022 13:00 – 17:00 CEST

Tuesday 03/05/2022 09:30 – 17:00 CEST

Wednesday 04/05/2022 09:30 – 17:00 CEST

The objectives of the panel are to:

- Formulate advice for the IALA Council and Secretariat;
- Coordinate the work of the IALA committees to achieve the goals of the Strategic Vision; and
- Monitor and develop work programmes for the committees.

Provisional Agenda

1	Introduction			
	1.1	Welcome by Secretary-General and Deputy Secretary-General	FZ, OFE	
	1.2	Approval of agenda	OFE	Approve
	1.3	Apologies and introductions	OFE	Note
2	Review of action items			
	2.1	Review of action items	TS	Note
3	Review of input papers			
	3.1	Review of input papers	TS	Note
4	Progress reports			
	4.1	ENAV	HN	Note
	4.2	VTs	MS	Note
	4.3	ENG	SM	Note
	4.4	ARM	PD	Note
	4.5	IMC	MN	Note
	4.6	LAP	CS	Note
	4.7	WWA	OFE	Note
5	Strategy and Policy			
	5.1	IALA Position on the Development of AtoN Services	OFE	Discuss
	5.2	IALA Style Guide	TS	Note
	5.3	IALA Standards	MJ	Discuss
6	Committee work programme and structure			
	6.1	Committee Work Programme 2018 - 2023 and 2023 - 2027	MJ	Review
	6.2	Future committee structure	MJ	Discuss
	6.3	Upcoming events		
	6.3.1	Workshop on AtoN engineering	SM	Discuss
	6.3.2	Workshop on S-100/200	PD	Discuss
	6.3.3	Workshop on Sustainability	SM	Discuss
	6.3.4	Workshop on Digital Communication Infrastructure	HN	Discuss
	6.3.5	Heritage Seminar	SM	Discuss
	6.3.6	Committee / PAP Dates		



	6.4	R1001 IALA Maritime Buoyage System	PD	Discuss
	6.5	Maritime Resource Name (MRN)	MJ	Discuss
	6.6	Maritime Services	MJ	Note
	6.7	IALA Questionnaires	MJ	Discuss
	6.8	IALA NAVGUIDE	MJ	Note
7	Operations/Administration			
	7.1	IALA Dictionary	MJ	Discuss
	7.2	Communications	AG	Discuss
	7.3	Committee facilitation	TS	Discuss
8	Any other business			
9	Report of the meeting			
10	Date and venue of next meeting			
11	Closing of meeting			



ANNEX B LIST OF PARTICIPANTS

ARM Committee	Vice-Chair	R. David Lewald robert.d.lewald@uscg.mil
ENAV Committee	Chair	NOGUCHI Hideki hideki.noguchi@gmail.com
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ANNEX D LIST OF INPUT PAPERS

Meeting	Agenda Item	Input Paper Title	Source
PAP46-	1.2.1	Provisional Agenda rev.2	Secretariat
PAP46-	3.1.1	Input paper list	Secretariat
PAP46-	5.1.1	Cover note on IALA Position Paper on the Development of Marine AtoN Services - post PAP42	Secretariat
PAP46-	5.1.1.1	IALA Position Document on the Development of Marine AtoN Services 2019	Secretariat
PAP46-	5.1.1.2	IALA Position Document on the Development of Marine AtoN Services - post PAP42	PAP42
PAP46-	5.3.1	Secretariat note on revision of IALA Standards	Secretariat
PAP46-	5.3.1.1	Draft revision S1010 AtoN Planning and Service Requirements_post LAP	Secretariat
PAP46-	5.3.1.2	Draft revision S1020 AtoN Design and Delivery_post LAP	Secretariat
PAP46-	5.3.1.3	Draft revision S1030 Radionavigation Services_post LAP	Secretariat
PAP46-	5.3.1.4	Draft revision S1040 VTS_post LAP	Secretariat
PAP46-	5.3.1.5	Draft revision S1050 Training and Certification_post LAP	Secretariat
PAP46-	5.3.1.6	Draft revision S1060 Digital Communication Technologies_post LAP	Secretariat
PAP46-	5.3.1.7	Draft revision S1070 Information Services_post LAP	Secretariat
PAP46-	5.3.1.8	Structure of the standards PP	Secretariat
PAP46-	6.6.1	Description Maritime Service for VTS - Cover Note	VTS
PAP46-	6.6.1.1	Description of Maritime Service 1- VTS (VTS52-13.1.1.4)	VTS
PAP46-	8.1	Liaison note to LAP and PAP on Liability of Software Programmes	ENG

ANNEX E LIST OF OUTPUT PAPERS

Meeting	Agenda Item	OUTPUT PAPERS
PAP46-	9.1	Report of PAP46

ANNEX F ACTION ITEMS

<i>That committee chairs provide their committee's proposals, both in the task register template and the task plan template, for the Work Programme 2023 – 2027 to the Secretariat in order that a draft work programme can be input to the PAP.</i>	<i>11</i>
<i>That committee chairs submit input to PAP on any possible changes to the future committee internal structure.</i>	<i>11</i>
<i>That the LAP Chair drafts a general disclaimer for LAP to consider that covers the use of any calculations within IALA documents by members.</i>	<i>15</i>
<i>That the Secretariat amends the structure of the IALA Position on the Development of AtoN Services document, make it comply with the Style Guide and finalize the changes as suggested by the PAP.</i>	<i>9</i>
<i>That the Secretariat forwards the document submitted by IALA to IMO NCSR9 on Maritime Services to all committees.</i>	<i>13</i>
<i>That the Secretariat forwards PAP46-6.6.1.1 Description of Maritime Service 1- VTS (VTS52-13.1.1.4) to the ARM Committee for further consideration.....</i>	<i>13</i>
<i>That the Secretariat submit draft amendments to the Basic Documents - Rules of Procedure - Terms of Reference Committees to capture any developments in IALAs working arrangements following the experience gained during the virtual committees.....</i>	<i>14</i>
<i>That the Secretariat makes a list of all IALA documents with calculations within them for members to use and submit the list to the LAP.</i>	<i>15</i>

