



REPORT OF THE 74TH SESSION OF THE IALA COUNCIL

13 – 17 December 2021, Videoconference



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OPENING

Due to the meeting restrictions imposed by the COVID-19 Pandemic, the 74th session of the IALA Council was held from 13 to 17 December 2021 by videoconference.

The meeting was opened at 12h00 CET on 14th December 2021 by Marcos L. De Almeida , IALA Vice-President.

1. PRESIDENT'S OPENING REMARKS

Mr Almeida welcomed all Councillors, Observers and IALA Secretariat. He expressed his hope for better days and physical meeting as soon as possible, but for the time being the technology allowing us to meet remotely was welcome and made it possible to ensure the continuity of the work. Due to the conditions of the meeting being held remotely and for a smooth running of the session, he asked the Secretary-General to lead the meeting through the Agenda, although he was remaining as the Chair.

2. APOLOGIES FOR ABSENCE

The Secretariat had received two apologies, one from Vice Adm Huber Vio, Chile and one from IALA President Ms Young-shin Kim, Korea.

A list of participants in the meeting is at Annex B.

3. APPROVAL OF THE AGENDA

The Agenda (input paper C74-3.1) was approved and is at Annex A. The Secretary-General reminded that the programme was to hold a meeting for two hours on 14 and 15 December from 11h00 UTC and on the 17 December at 11h00 UTC for report approval.

Following a question from The Netherlands, the Secretary-General apologised for three very late input papers submitted to be discussed under agenda points 10 and 13. These papers will be put under silent approval for one week starting after the Council meeting in order for the Council members to have sufficient time to study them.

The Agenda was approved and appears at Annex A.

4. VACANT POSITION WITHIN COUNCIL

There was no vacant position within the Council.

5. REPORT OF THE 73rd SESSION

5.1 Matters arising from the session

Communication officer Audrey Guinault introduced input papers C74-5.1.

All action items from the previous meeting have been completed. The Strategy Drafting Group met on Monday 13 December and revised the Current Drivers to include the proposal made by Korea at the previous meeting. The report of the meeting as well as the new draft was an input to this meeting. The updated version of the VTS Manual has been posted on the website. Guidelines 1110 has been sent back to the VTS committees for further work, and the liaison notes have all been sent to the appropriate bodies.

6. REPORT BY THE SECRETARY-GENERAL

The Secretary-General, Francis Zachariae, referred to input paper C74-6.1 and gave the following orientation:



Notwithstanding the COVID-19 pandemic restrictions IALA and the World-Wide Academy are on track with their respective work programmes and planned activities. Since the COVID outbreak, all major meetings have been virtual, including, unfortunately, this one.

The membership of IALA consists of 321 members: 90 National, 157 Industrial and 74 Associate, which is six members more than at the same time last year, and after the termination or resignation of some members which took effect from 1 January 2021.

The pandemic has not effect on our members willingness to contribute to the association or our ability to attract new members. This is a sign of IALA's value to the maritime sector and our members loyalty and dedication.

Two National members remain suspended for non-payment of their contributions, but it seems that there is progress in the negotiation with these two authorities. In addition to that, the number of members in arrears has considerably come down due to a successful collection of debt by the Secretariat after restructuring of the staff.

The arrangements for the virtual committees in 2020 and 2021 have been very successful using the online facilities offered to the membership and the committee's dashboard hosted on the IALA website.

These successes could not have been achieved without the assistance of the Chairs, Vice-Chairs and participants as a whole to engage so wholeheartedly in the work.

The virtual meetings have been arranged with an opening plenary and three to four weeks of intersessional meetings and presentations, a period of silent approval of output documents and a closing plenary. Even if these virtual meetings have been very successful face-to-face meetings are still the preferred option for IALA and many members have expressed their wish to resume the physical meetings in St. Germain-en-Laye. It is of course difficult to predict the health situation, but it is envisaged that in-person meetings could potentially resume in 2022.

The Committee meetings will be conducted in a hybrid version with a physical week in the headquarters, including the possibility of on-line participation. More on this is available under agenda point 10.

With the latest reorganization the IALA and WWA staff now consist of 13 full time employed members and four consultants (three in the WWA section and one for Communication). Ms. Virginia Marshall will retire in April 2022 and has numerically been replaced by Ms. Julie Navarre. Julie speaks French, English and Spanish and is about to finalize a degree in strategy and diplomacy at the university in Paris.

The Secretariat has mainly been working from home since the outbreak of the COVID-19 pandemic but has taken up physical work at the HQ in Saint-Germain-en-Laye from 1 September 2021. The Staff regulation has been updated to accommodate the newly implemented system of working from home (télétravail) which proved to be very efficient and save a lot of time and travel costs for the staff.

Since October the staff has conducted several missions abroad both in Europe, South America and Africa.

The change of status project is progressing well and to date 20 States have signed the Convention. More details will be given under agenda point 8.3.

Unfortunately, the 20th Conference in Rio de Janeiro had to be postponed to May 2023 due to the pandemic and with the uncertainty of the future situation.

The preparations for the Conference at the Windsor Convention Centre are progressing well and decision on the theme and topics has been taken. Call for abstracts has been issued but postponed one year.

The General Assembly will convene during the conference and for the first time the seven standards will be updated. The preparation for the General Assembly is a separate point on the agenda, point 8.4.

The World-Wide Academy continues to develop under the leadership of the Dean and the Academy Board, chaired by Professor Gug.

The Academy has adapted well to the pandemic situation and is now slowly resuming its physical travel activity. Over the last four months of 2021, the Academy has conducted physical missions to Lebanon, El Salvador and Guatemala, and has also attended a few important events physically.

The many Accredited Training Organisations (ATO's) around the world have been forced to cancel their planned AtoN manager courses during the Pandemic, but it is expected that all active ATO's will try to deliver the AtoN Manager courses in 2022.

The Academy would not exist were it not for generous sponsorship both in direct and indirect funding from several members and organizations and the superb and unstinting support from the four IALA Committees. Again in 2021 the primary sponsors of the Academy have stood by the Academy, and we thank them all for the support.

The Council noted the Secretary-General's report.

The councillor for Japan asked whether an official invitation would be sent to United Nations Member States for the signing ceremony planned in January. The Secretary-General answered that the invitation would be for members of the United Nations that have not signed yet and that the ceremony would probably be limited due to the restrictions still in place following the ongoing Covid19 pandemic. The councillor also asked if there would be a diplomatic meeting organized to discuss the General Regulations of the future organization. The Secretary-General answered that a technical preparation meeting will be organized later in the year to discuss the General Regulations. Most probably by invitation from the Secretary-General and hosted in IALA HQ.

The councillor for Germany wished to express his gratitude to the Secretariat for the excellent work carried out despite the disrupted conditions due to the pandemic.

7. NATIONAL MATTERS

Due to the limitation in time for the meeting, Councillors had been invited to submit, in writing, matters of concerns or information that they wished to share with the Council. Such matters have been made available as input papers.

There were eleven input received on National matters.

The reports were noted.

8. STRATEGY AND POLICY

8.1 Current Drivers and Trends

Input papers C74-8.1.1 and C74-8.1.2 refer.

The Secretary-General introduced the short report from the Strategy Drafting Group and then the revised Current Drivers and Trends. It was decided to make some changes to the Current Drivers and Trends to take into consideration the proposal made by the Republic of Korea at the previous meeting. Also some up-dates were made to the document. Minor changes to the Strategic Vision have also been made. The Strategic Vision will be discussed again at the next meeting of the Council with a view to agree the draft Strategic Vision at C76 and submit it to the General Assembly.

Councillors from Canada and Italy suggested 2 further minor changes before the Council approved the document. The councillor for Germany, as chair of the Strategy Drafting Group encouraged councillors to keep on submitting inputs to improve this essential document in order to make it as good as possible. Mr. Mike Bullock from the UK highlighted that the Drivers and Trends failed to properly recognize the enduring importance of physical Aids to Navigation. The Secretary-General agreed that he would invite the Strategy Drafting Group to consider inclusion of this aspect into the document.

The council agreed on the Drivers and Trend document and to gather the Council Strategy Group before C75 for further work.

Action Item 1:

The Secretariat to gather the Council Strategy Group prior to C75 for further work on the Strategic Vision and Drivers and Trends documents.

8.2 Policy Advisory Panel

8.2.1 Report of PAP42 & 43

Input paper C74-8.2.1 and C74-8.2.2 refer.

Omar Frits Eriksson, Deputy Secretary-General reported that the 42nd session of the Policy Advisory Panel was held virtually over three sessions between 8 and 10th of September 2021. At this session the current and future work programmes and proposals for better cross-committee cooperation were discussed. It was agreed to have an extraordinary PAP session focused on cross committee coordination in November, which did take place. The Panel has previously had such extraordinary sessions and they have been referred to as extraordinary PAP meetings. The Panel decided to discontinue this practice and just number each session sequentially, similar to the ordinary sessions. The panel also agreed to increase the meeting frequency somewhat in order to improve the ability to coordinate the work of the committee.

PAP42 discussed and coordinated a number of interesting topics such as the developments of IALA's work on MASS, including the progress of the work of the MASS Task Force as well as interesting maritime ICT proposal from the Republic of Korea.

PAP43 then took place as planned late in November. This meeting was also held virtually and focused on cross committee coordination and preparation for the upcoming committee sessions in the first half of 2022. The panel agreed on the detailed working arrangements of the committee sessions ensuring that they can take place either as physical or hybrid meetings or indeed purely virtual meetings depending on the pandemic situation. The timetable for the revision of the seven, IALA Standards and the process for updating and publishing the NAVGUIDE were also discussed.

The Deputy Secretary-General thanked all members of the Panel for their hard work and contributions as well as Councillors, for making it possible for the members to contribute since they are indeed the core driver for advancing the work towards reaching the strategic goals of the association.

Recognising the steady progress IALA has made towards becoming an IGO, the Councilor from Singapore urged Member States to sign and ratify the IALA Convention at the earliest opportunity to grow IALA's mandate and strengthen global cooperation in harmonising marine ATON worldwide. Separately, the Councilor from Singapore commended the initial steps taken by the MASS Task Force in preparing IALA and Member States for the onset of MASS technologies. He explained that IALA standards and guidelines should avoid lagging behind the evolution of MASS technologies, and urged Member States to work closely with the MTF to prepare for the future of shipping.

The council noted the two reports.

8.3 Change of status

Input paper C74-8.3.1 refer

8.3.1 Signature of the Convention

The signing ceremony of the Convention on the International Organization for Marine Aids to Navigation was held on 27 January 2021 in Paris and as depositary State of the Convention, France, represented by Mrs. Annick Girardin, Minister for Marine Affairs, was the first State to sign the Convention.

The Convention is still open for signatures in Paris and it is very easy and unbureaucratic to make an appointment with the Ministry in order to sign. The Convention has been signed by 20 States. Singapore, Norway and Japan has also ratified or accepted the Convention. The French Ministry for Europe and Foreign Affairs planned to host a

signing ceremony in the IALA HQ on 26 January 2022 and an invitation would be issued in of the following days. It was the hope that this could attract the last 10 signatures up to the required 30.

It was also hoped that the council members were working with the appropriate authorities in their country, in order to get the signature before the closing of the signature period 26 January 2022.

IALA has started the detailed preparation for the transitional phase between the start of the new organisation and the termination of the present association with the assistance of a French Law firm. The HQ agreement and the draft General Regulations are also well underway.

The information was noted by the Council.

8.4 General Assembly

8.4.1 Update on the General Assembly

The 14th General Assembly is planned to be held in Rio de Janeiro on 3 June 2023. The Council noted that the General Assembly must go ahead on this date regardless of the global pandemic situation .

It was noted that six months before (3 December 2022) the opening of the ordinary General Assembly the Secretariat shall invite National members to submit proposals that they wish to discuss at the General Assembly. These will be received by the Secretariat for the following two months.

Four months before (3 February 2023) the opening of the ordinary General Assembly, submitted proposals together with those prepared by the Council shall be circulated to all National members, who shall be invited to forward their comments to the Secretariat within two months. After this date no proposals shall normally be accepted.

All final papers, including the provisional agenda but excluding any amending or alternative proposals, shall be circulated to National members at least two months before (3 April 2023) the opening of the ordinary General Assembly.

The provisional agenda for an ordinary session of the General Assembly shall be prepared by the Secretariat for approval by the Council and shall normally include:

- Approval of the Agenda.
- Report of the President/Secretary-General.
- Finance Report.
- Approval of amendments to the Constitution.
- Approval of standards and the Strategic Vision.
- Consideration of proposals received from members.
- Any other business.
- Election of the Council.

It was highlighted that at the General Assembly the revised Strategic Vision, standards, and the MBS will be discussed

It was noted that considering the change of status of IALA there is a growing interest in being a member of the Council and more candidates than available seats in Council can be expected for the election in 2023.

The election at the last Conference in Korea was made manually and took unacceptably long time compared to the time available for the General Assembly. It is therefore preferable to find an electronic system for the election process. The Secretariat has started this work in cooperation with the host in Brazil. Discussion highlighted the importance of cyber security when considering such electronic system.

Responding to a request for clarification from the Councilor from Singapore regarding the balloting process, the Secretary-General indicated that IALA was seeking to emulate IMO's system of counting votes which balanced

efficiency against the critical need to ensure secrecy of the ballot. The IMO system is highly efficient and accurate as it uses physical ballot papers that are then counted electronically.

The Council noted the information provided.

9. FINANCE AND AUDIT COMMITTEE REPORT

The Chair of the FAC, Captain Ian McNaught, introduced the input papers related to financial matters.

9.1 Projected result and budget monitoring statement

Input paper C74-9.1 and Annex C74-9.1.1 refer.

Concerning IALA budget execution, total revenue as of 31 October 2021 is 2,3 million euros out of 2,7 million euros budgeted (84%). 88% of the contributions budgeted for 2021 were received and 68% of the budgeted overdue contributions were cashed.

Total operating expenses as of 31 October 2021 account for 1,6 million euros out of 2,4 million euros budgeted (67%). Because of a year still impacted by the pandemic, investments in 2021 were more focused on IT equipment spending, to enable meetings and committees to be organized virtually at headquarters.

As regard to the academy, a multi-annual Framework Convention will be signed in December 2021 between the French Ministry of the Sea and IALA to support the activities of the Academy during the years 2022 to 2024.

The Council noted the projected result and budget monitoring statement.

9.2 Budget for 2022

Input paper C74-9.2 and Annex C74-9.2.1 refer.

Because of the pandemic situation, which is not completely over, due consideration has been given to realistic estimates when formulating the budget. The income budget for 2022 amounts to K€2,794 which represents an increase of 1% compared to last year and the total expenditure budget for 2022 is K€2,491 (+3% compared to 2021).

Regarding personnel costs, the budget for personnel cost takes into consideration the departure of a staff member from the administrative section and her replacement.

Variable operating costs (missions, events etc.) are increased with a view to resuming activities abroad and some IT investments are planned, in particular for the optimization of the Website.

The final expected result of the 2022 budget amounts to K€161.

The Council approved the budget for 2022.

9.3 Outline budget 2023-2025

Input paper C74-9.3.1 refers.

The budget takes into account the organization of the IALA Conference planned in Brazil in 2023 and the next Symposium scheduled in 2025 in Singapore.

A 3% increase is applied to membership contributions over the period, for the National membership category only.

Most budget items increase in proportion with low inflation. Less IT investments are foreseen for the period 2023-2025 while budgets for travels and events are revised upwards.

No other changes to staff arrangements are planned after 2022.

The Council noted the outline budget 2023-2025.

9.4 Membership situation status

Input paper C74-9.4 and C74-9.4.1 refer.

As of 13th December 2021, the total number of members was 321 (+6 compared to last year). There was still K€601 to be paid for the 2021 contributions and K€237 for contributions in arrears.

The Secretary-General has, as approved by the Council, considered individual cases and waived part of the outstanding contributions, where appropriate:

- A free membership in 2021 for ***The Directorate General of Land and Maritime Transport (Lebanon)***; for the industrial members ***Navmoor Limited (United Kingdom)*** and ***DuckSung Ocean Development Co.,Ltd, Korea (Rep of)***.
- The waiver of the 2020 contribution and 66% of the 2021 contribution for ***Safran Electronics & defence (France)***.

A list containing outstanding balances is presented in Annex 9.4.1. The financial impact of the proposed terminations (examined at item 15 of the agenda) is €66,360.

The Council noted the membership situation status.

10. TECHNICAL ACTIVITIES

10.1 Legal Advisory Panel

10.1.1 Report of LAP22

The Secretary-General introduced the report of 22nd session of the Legal Advisory Panel which was held by videoconference on 26 October 2021, with Christina Schneider as Chair, Henning Osnes Teigene as Vice-chair and Audrey Guinault as Secretary. The LAP was informed about the change of status progress since the Diplomatic Conference and the opening for signature of the convention. LAP was briefed on the timeline established by the Secretariat for the transfer of the organization when the Convention enters into force. The LAP was briefed on the creation of a MASS task force and was given an overview of the ongoing work by the chair of the task force. The LAP considered the reply from IHO about the mapping of the polar regions and will inform the ARM committee in this regard.

The Council noted the report of LAP 22.

10.1.2 IALA Risk Register

Following the 22nd session of the Legal Advisory Panel, minor changes were made to the IALA Risk Register showing no major risks to the association.

The Council noted the IALA Risk Register.

10.2 Committee work organisation

All input papers under this Agenda item were introduced by the Technical Operations Manager, Minsu Jeon.

10.2.1 Second half 2021 committee work summary

Input paper C74-10.2.1 refers.

This document summarized the result of the committee sessions in general. This time around, all committee meetings were held virtually again.

Over the eight weeks period from September to October, the four committees were held back to back and simultaneously sometimes, and about 210 meetings were held in total in the plenaries and small groups.

And also, during the period, 14 interesting presentations were made and they are all saved in the IALA depository.

The Council noted the summary of the 2nd half of 2021 committee work.

10.2.2 Revised committee work programme 2018-2023

Input paper C74-10.1.2. and C74-10.1.2.1 refers.

The committees continued the current work programme. A lot of work has been done intersessionally, and during the period, 42 outputs have been prepared.

Minsu Jeon pointed out that two tasks on developing guidelines on VDES should be added to the work programme.

- Guideline of services and functions for relative authorities to monitor the integrity of AIS/VDES VDL
- Guidelines on VDES resource sharing and coordination/cooperation

The Council approved the revised Committee work programme for 2018-2023.

10.2.3 Committee meetings and events date in 2022

The committees continued the work based on the work programme. The updates are summarised in the associated document.

The traffic lights of the tasks have been updated after the committee meetings.

The joint IHO IALA workshop on S-100 and S-200 development workshop, and AtoN engineering might be held next year, and the heritage seminar might be held during the conference in 2023 if the covid situation allows.

The exact dates will be confirmed by the relevant steering committee groups in due course.

For the committee dates, the committees chairs decide the dates for the committees, for the first half of next year and the dates will be published on the website and by a circular letter to all members.

The Council noted the committee meetings and events dates in 2022.

10.2.4 Committee meeting arrangements in 2022

PAP43 agreed on the planned 2022 committee working arrangements outlined in the paper.

Many members have expressed their wish to resume the physical meetings at the IALA HQ.

Future committee sessions are planned to be conducted with a physical week, as usual, including the possibility of online participation and the possibility of online plenaries.

After the physical week, there will be a short period for silent approval of the output documents and a closing online plenary. The exact programme of each committee session will be determined by the committee chair in conjunction with the Secretariat and published on the website.

If the health situation would prevent attendance at headquarters, it may be necessary to revert to purely online sessions again.

The Council noted the committee meeting arrangements in 2022.

10.3 ARM

10.3.1 ARM14 summary report

Input paper C74-10.3.1 refers.

The 14th Session of the ARM Committee was held virtually from 15 to 29 October this year. The Committee continued the work for this work period. The Committee considered 86 input papers and produced 43 output and working documents.

There are two recommendations and five guidelines for council approval, and one for the council to note and the traffic lights of the committee works are attached to the summary for information.

The Council noted the summary report of ARM14.

10.3.2 Revised R0139 The Marking of Man-made Offshore Structures

Input paper C74-10.3.2 refers.

The previous version, Edition 2.1, was not in line with the document structure and contained a lot of technical guidelines, so the committee separated the technical part, and they can be found in the new draft guideline.

This document is widely used for the offshore industry as a standard for designing aids to navigation systems on the structures.

The revised document covers the marking of the oil and gas platforms, wind farms, wave and tidal energy devices and aquaculture sites. While separating the technical parts, the committee updated the contents. The document includes the cables and pipelines, and the marking recommendations and considerations have been reviewed.

The Council approved the revised Recommendation R0139 The Marking of Man-made Offshore Structures Ed3.0.

10.3.3 Revised R0126 The Use of the AIS in Marine Aids to Navigation

Input paper C74-10.3.3 refers.

This document has been updated to reflect the relevant development in AIS since its first publication in 2011.

The reference parts have been reviewed. And the mobile atoN status bites and MID information that identifies the country that issues the VHF license for the AIS AtoN Station. Some terms such as real AIS AtoN has been revised as a physical AIS AtoN.

The Council approved the revised R0126 The Use of AIS in Marine Aids to Navigation Ed2.0.

10.3.4 Revised G1078 The Use of AtoN in the Design of Fairways & Channels

Input paper C74-10.3.4 refers.

The task group on this document did an analysis of IALA guidance associated with the MBS, and this is one of the results.

This guideline provides guidance on the use of AtoN in the design of fairways, and the revision includes the “consideration” chapter, which elaborates which things should be considered based on the geographical area

The revised document includes:

- user requirements
- Consideration

- performance parameters of Aton systems
- layout of AtoN for marking a fairway
- design methodology and procedures
- examples of marking of fairways

The entire document was reviewed and updated, especially in the appendix; many practical design examples are included.

The Council approved the revised G1078 The Use of AtoN in the Design of Fairways & Channels Ed2.0.

10.3.5 Revised G1054 Preparing for an IMO Audit on Aids to Navigation Service Delivery

Input paper C74-10.3.5 refers.

This Guideline provides IALA members and auditors with the necessary assistance on the IMSAS initial stage preparation.

The task group also did a comprehensive guideline review, especially the annexe of the pre-audit questionnaire, checklist for auditors, and the audit scheme sequence of activities.

The council approved Revised G1054 Preparing for an IMO Audit on Aids to Navigation Service Delivery Ed2.0.

10.3.6 New Guideline The Marking of Offshore Man-made Structures

Input paper C74-10.3.6 refers.

The Council approved New Guideline The Marking of Offshore Man-made Structures Ed1.0.

10.3.7 New Guideline The Marking of Breakwaters and barriers

Input paper C74-10.3.7 refers.

This document provides guidance for making breakwaters both exposed and submerged.

This guideline also includes a few examples of marking to help planning AtoN deployments for different cases of the breakwaters.

The Council approved New Guideline The Marking of Breakwaters and barriers Ed1.0.

10.3.8 New Guideline Management Of Maritime Resource Name Organisation Identifiers

Input paper C74-10.3.8 refers.

This guideline is in line with the guideline G1143 on the use of MRN, and provides recommended procedures for IALA to requests for organizational identifiers and related namespaces within the MRN construct.

This document covers the requirements for OID namespaces, application procedures, and implementation. This guideline could help the international organisations, and members when organizing the OIDs.

The Council approved New Guideline Management Of Maritime Resource Name Organisation Identifiers Ed1.0.

10.3.9 Input paper on AIS ASM survey

Input paper C74-10.3.9 refers.

The paper is raising an issue that it is currently not certain of the utilization and the situation where mariners may use the AIS AtoN information.

To tackle this, ARM prepared a questionnaire on the use of AIS and ASM, and circulated it to the members by the secretariat. The group hoped the result could give a good view of the use of the data.

When the draft paper to IMO is prepared, the secretariat will circulate the paper to all councillors for approval.

The Council approved the input paper on AIS ASM survey, and requested the secretariat to circulate the draft paper going to IMO.

Following a question raised by the Councillor for Sweden on the exact procedure for this document, Minsu Jeon explained that when the result of the survey finalised, it will be handed over to the task group to prepare a paper to IMO. As soon as the secretariat receives the draft paper, it will be circulated to all councillors for approval.

Action item 2

The Secretariat to circulate the paper on AIS and the use of ASM for Council to approve prior to forwarding it to the IMO.

10.4 ENG

10.4.1 ENG14 summary report

Input paper C74-10.4.1 refers.

The 14th Session of the ENG Committee was held virtually from 4 October to 2 November 2021.

The committee continued the work, and considered 66 input papers and produced eight output documents.

The Council noted the summary report of ENG14.

10.4.2 Input to Council on G1065 AtoN Signal Light Beam Vertical Divergence

Input paper C74-10.4.2 refers.

The document proposes a correction of the geographical range equation in guideline G1065.

The Council approved Input to Council on G1065 AtoN Signal Light Beam Vertical Divergence.

10.4.3 New Guideline on Sustainable Structural Design of Marine Aids to Navigation

Input C47-10.4.3 refers.

This document covers the principles of structural design and construction of new or appraisal of existing fixed AtoN.

This Guideline introduces the generic elements of AtoN structural design and provides guidance to the AtoN manager for appropriate design and construction codes.

The Council approved New Guideline on Sustainable Structural Design of Marine Aids to Navigation Ed1.0.

10.4.4 Input on IALA Recommendation E-200-0 be withdrawn

Input paper C74-10.4.4 refers.

The proposal is to revoke Recommendation R0200, Ed 1.1, an overview of E-200 series.

Recommendation 200 covers the overview and introductory information of the E-200 series.

As the G1148 and the technical documents catalogue provide the same information, the committee proposes the council withdraw this document.

The Council approved Input on IALA Recommendation E-200-0 be withdrawn.

10.4.5 Model Course C2001-8 L2 Module 1.13 Maintenance of Steel Buoys

Input paper C74-10.4.5 refers.

Documents C74-10.4.5, C74-10.4.5, and C74-10.4.6 had editorial changes.

The Council approved Model Course C2001-8 L2 Module 1.13 Maintenance of Steel Buoys Ed3.0.

10.4.6 Model Course C2001-9 L2 Module 1.14 Power Sources on Buoys

Input paper C74-10.4.6 refers.

The Council approved Model Course C2001-9 L2 Module 1.14 Power Sources on Buoys Ed3.0.

10.4.7 Model Course C2007-1 L2 Module 7.1&2 Racons

Input paper C74-10.4.7 refers.

The Council approved Model Course C2007-1 L2 Module 7.1&2 Racons Ed3.0.

10.5 VTS

10.4.1 VTS51 summary report

Input papers C74-10.5.1 refers.

The 51st Session of the VTS Committee was held from 16 Sep to 7 Oct 2021.

The Committee progressed a lot of work during the meeting and finalized four guidelines for approval.

The Council noted the information on and VTS51 summary report.

10.5.2 Revised G1014 on Accreditation of VTS Training Organizations and Approval to Deliver IALA VTS Model Courses

Input papers C74-10.5.2 refers.

The title of the document has been changed to elaborate the VTS model course,

The revision provides a clear framework for competent authorities to:

- Accredite organizations to provide training based on IALA model courses; and
- Approve their delivery of IALA VTS model courses.

During the revision, the group also included guidance on how to approve training delivered by remote or online learning environments.

This Guideline is associated with Recommendation R0149, The Accreditation of Training Organizations.

The Council approved the Revised G1014 on Accreditation of VTS Training Organizations and Approval to Deliver IALA VTS Model Courses Ed4.0.

10.5.3 Revised G1110 Use of Decision Support Tools for VTS personnel

Input papers C74-10.5.3 refers.

The purpose of this guideline is to assist authorities in the use of decision support tools to manage identified risks, and enhance situational awareness and supporting VTS personnel with providing timely and relevant information, monitoring and manage ship traffic and responding to unsafe situations.

The Guideline has been revised entirely to take into account emerging concepts and technologies, especially in chapter 3 good examples have been updated with many practical cases based on the different cases.

The council approved Revised G1110 Use of Decision Support Tools for VTS personnel, Ed2.0.

10.5.4 New Guideline VTS in Inland Waters

Input paper C74-10.5.4 refers.

This Guideline is an informative document that describes desirable practices to assist authorities in establishing inland VTS to plan, implement and operate them in a harmonized manner that is aligned with IALA Standards to minimize any confusion to masters of sea-going ships and skippers of inland waterway vessels moving from one VTS area to another.

The document could assist authorities to establish inland VTS effectively and in a manner that reflects the international regulatory regime for VTS.

The Guideline is associated with IALA Recommendation *RO119 (V-119) Establishment of a VTS*.

The council approved the New Guideline VTS in Inland Waters, Ed1.0.

10.5.5 New Guideline VTS Management

Input paper C74-10.5.5 refers.

The purpose of the document is to assist VTS providers in implementing management activities to facilitate the effective and efficient delivery of VTS and achieve its purpose and operational objectives.

This Guideline provides general principles of management processes, describes activities related to VTS management and presents associated competencies and training subjects.

The document covers

- *Principles of management processes*
- *Management activities*
- *Selection and recruitment*
- *Management competencies*

The council approved New Guideline VTS Management, Ed1.0.

10.5.6 Update to IALA VTS Documentation on Adoption of Revised IMO Resolution on Guidelines for VTS

Input paper C74-10.5.6 refers.

Council 72 has already provisionally approved the revision of Guideline 1089 on the “provision of a VTS”.

The document summarises the work of the analysis of the VTS Committee task group, including the consequence of this new IMO resolution to the IALA documentation, which is 24 in number by the analysis, and the summary of the updates.

It is expected to get the new number in Jan next year, and as soon as the secretariat get the number will publish the 24 documents and withdraw 3 documents.



The secretariat will host a webinar on this to give a chance to all members to learn about this important development.

There will also be an issued circular letter to inform the members who are not able to attend the webinar.

The council approved the Update to IALA VTS Documentation on Adoption of Revised IMO Resolution on Guidelines for VTS and that the secretariat does the editorial work on the listed documents in Annex A and publish them on the website.

Action item 3

The Secretariat to update and publish all VTS documents on the website after the adoption of the revised IMO Resolution Guidelines for VTS.

10.6 ENAV

10.6.1 ENAV28 summary report

Input papers C74-10.6.1 refers.

The 28th Session of the ENAV Committee was held virtually from 11 to 29 October 2021.

The Committee considered 38 input papers, and produced 6 output and working documents.

The Council noted the ENAV28 summary report.

10.6.2 Revised G1128 The Specification of e-navigation Technical Service Ed2.0

Input paper C74-10.6.2 refers.

Guideline 1128 provides information on how to develop specifications of e-Navigation Technical Services.

In the past years, a lot of efforts have been made to use the guideline and its templates to successfully develop service specifications for maritime services, especially in the context of the Maritime Connectivity Platform.

However, while applying the principles and templates as well as the supplied xsd-Schemas some smaller issues, or open points in the guideline were identified and they were discussed in the committee, and the group revised the document to Edition 2.0.

The Chair of ENAV asked that the edition number of the document be changed to 1.3. since the revision was minor.

The councillor for Sweden suggested minor editorial changes (shall to should) throughout the document. Sweden will send their comments to the committee for consideration.

The Council approved the Revised G1128 The specification of e-navigation technical service Ed1.3.

Action item 4

The secretariat to re-number the draft Guideline G1128 from Ed2.0 to Ed1.3 and publish the document.

10.7 S-200 development

Input paper C74-10.7.1 refers.

During the second half committee sessions, the committees continued to work on various product specifications related issues. ARM continued developing S-201, and a big task for the group is to harmonize the terms and definitions between IHO and IALA. For the positioning product specifications, S-245 and 246 are finalized as version 1.0.0 and published for trials and tests.

The VTS committee started developing S-210 inter VTS exchange format.

IALA and IHO are keeping good cooperation with the S200 development, and the planned joint workshop would be held in the second quarter of next year in Norway. Many of the people in IALA and outside are interested in this event, the COVID situation allows, and it could be a physical event after a long time.

The Council noted the information provided on the committee work on S-200.

10.8 Digital@Sea Asia-Pacific Conference 2021

Input paper C74-10.8.1 refers.

The first edition of the Digital@Sea Asia-Pacific Conference, which replaces the e-Navigation underway (ENUW) was held virtually from 8 to 9 September 2021, in Sejong City, the Republic of Korea, under the theme “Leading Digitalization of Maritime Industry”.

About 800 participants from more than 50 countries participated in the conference.

Many quality presentations on Maritime Digital Transformation for De-Carbonization, Platform, Core Technology and Standardization and harmonization on the Maritime Digital Transformation were made, and good discussions were followed.

The result had been passed to all committees.

The Council noted the information provided about Digital@Sea Asia-Pacific 2021.

11. IMC

The IMC representative Simon Brooks introduced the survey sent to all Industrial members in November 2021. The results showed that the intentions of participation are high with 26 positive answers out of 28. The planning for participation to the exhibition and intentions in sponsorship were quite satisfactory as well. The members seem to express positive intention in participating to the this event physically. The IMC took note of these replies for the planning of the conference.

The council noted the report from the IMC.

12. World-Wide Academy

12.1 Progress report and future actions

Input paper C74-12.1.1, C74-1.2..1.2 and 12.1.3 refer.

Governed by the Academy Board which is chaired by Professor Sunny Gug from South Korea. The Board has met twice since the last Council meeting and the reports of these meetings have been provided as input papers. The Academy has been severely limited in going about its usual business, due to the pandemic. The progress report provides a short overview of what has transpired in 2021 and describes the three fundamental principles upon which the academy bases its work.

The first principle is about enlightening people on their responsibilities when it comes to SOLAS regulation 12 and 13, and the guidance provided in IALA Standards, Recommendations and Guidelines.

The second principle is about providing education and training opportunities to as many as possible in order to increase Aids to Navigation and VTS competencies World-Wide.

The third principle focuses on capacity building through long-term engagement with those in need of assistance.

Throughout 2021, the pandemic has made it challenging for the Academy to produce its traditional results which requires an extensive travel activity, and the Academy has therefore worked hard on continuing the development of its on-line value proposition and to improve its ability to produce results, despite the pandemic.

In 2021 the Academy has not only revised how the Aids to Navigation Manager course is delivered, but has also developed new courses, such as the procurement course, which is believed to become an important course for



developing countries, some of which are struggling with how to write functional requirements specifications and how to correctly conduct procurements in accordance with international standards.

This new procurement course goes very well, hand in hand with the Code of Conduct for Industrial Members initiative, which aims at combatting corruption and promoting honest and ethical business practices in the industry.

The Academy is embarking into some of the new official languages of the future IGO.

In 2021, two seminars were conducted in Spanish, one on MASS and one on Cybersecurity, the Dean thanked the councillor from Chile for the fact that DIRECTEMAR, and in particular James Crawford, took the initiative to request this and has provided great support in organizing these events.

Both events were conducted in a Seminar format and as long as there is support from the Spanish community, the Academy will continue to support this concept of basically recycling all the work that has gone into developing an IALA event on a given topic, for the benefit of other language communities.

The fact that Trinity House has accredited IFAN, who is the largest financial sponsor of the Academy, to conduct IALA Model Course training, they are now launching IALA courses in Arabic through their subsidiary MENAS in Manama, Bahrain. Saudi Arabia has also shown an interest in conducting training in Arabic and it is hoped that they will join forces, creating a strong presence of IALA training in the Arabic language in the Gulf region.

This could be further reinforced if there were volunteers to deliver the Aids to Navigation Manager course in Arabic as well, on the African continent.

If any councillor would like to initiate such events in another of the new official languages, they should not hesitate to get in touch with the Academy.

The Academy has very good relations with other capacity building sister organizations such as the IMO and IHO.

With IHO, the Academy participates in all their regional hydrographic commission meetings world-wide, which gives many opportunities to make contact with countries in need of assistance.

There is also a tradition of conducting trilateral missions with IHO and the IMO, and one such mission is planned to take place as soon as the pandemic allows.

This mission will be to the countries around the Caspian Sea where it is hoped to work with Kazakhstan, Turkmenistan and Azerbaijan, who hopefully may find it interesting to join IALA at the end of the day.

The IMO has been very supportive to the Academy, particularly with regard to their Women in Maritime initiative in the past, and more recently they have engaged the Academy to organise and conduct parts of their own capacity building programme, reimbursing costs in full.

One of these activities is to provide Aids to Navigation training to the AtoN authority of Solomon Islands early in 2022.

As mentioned by the Secretary-General, the many Accredited Training Organisations (ATO's) around the world have been forced to cancel their planned face to face course delivery during the Pandemic, we hope and expect that they get back to business as usual in 2022 or at least in 2023.

Meanwhile the Academy will make its online training resources available to those who might be interested, and indeed Trinity House is doing just that at the moment.

In terms of capacity building missions or technical needs assessment Visits as they now are called, the Academy lined everything up for the pandemic to end in August this year.

Missions were planned to take place already in September, and successful physical missions to Lebanon, El Salvador and Guatemala were actually conducted.

In summary, the World-Wide Academy has kept very busy so throughout 2021 despite the Pandemic situation.

Financially, the expenses have been lower than normal, but the Academy is still coping and hopes to regain full momentum again in 2022.

The Dean thanked the many sponsors for their support, since the Academy would not exist without them.

The Dean also encouraged everyone to continue supporting the Academy and continue the search for further funding of this important activity within the Association.

The Council noted the Academy progress report.

The councillor for Morocco asked the Dean if some support could be allocated to African countries to help with their participation of planning of physical meetings as they are facing financial difficulties due to the pandemic. She also indicated that Morocco would be interested in offering support for translations in Arabic.

The councillor for Singapore mentioned that Singapore will continue to sponsor the World-Wide Academy and support the development of Capacity Building as it is very important for the harmonization and safety of Navigation world-wide. He noted Singapore's ongoing discussions with the World-Wide Academy to conduct possible workshops and activities for 2022.

The councillor for Chile thanked the World-Wide Academy for its support in organizing events in Spanish language which has helped to better reach Spanish speaking countries.

12.2 Academy Risk Register

Input paper C74-12.2.1 refers.

The Dean reported that most of the Academy risk factors are unchanged or even reducing.

The probability of loss of major sponsorship remains the highest risk factor and must be continuously mitigated through effective briefing of major sponsors as well as sponsorship diversification.

As the Pandemic loosens its grip, and travel activities are resumed the risk to personal safety of staff during missions will rise again.

The Dean also said that the Academy now has picked all the low hanging fruits and is now planning visits to countries with more security issues than before.

To mitigate this risk, a specific risk assessment of each visit is routinely conducted and appropriate measures such as satellite tracking and police or armed escort, are taken when needed.

The Academy has now developed its Internet based activities and is now able to deliver its courses online and has improved its ability to produce results, despite the pandemic.

The dean concluded by saying that the positive development in the IALA IGO project, now that the Convention is being signed by governments, means that the risk of IALA failing as an international organisation continues to stay at a low level.

The Council noted the WWA Risk Register.

13 INTERNATIONAL

13.1 IMO

Minsu Jeon, Technical Operations Manager, introduced all of the documents under this point of the agenda.

13.1.1 Information paper to IMO ITU EG on the IMT in the maritime domain

Input paper C74-13.1.1 and C74-13.1.2 refer.

The documents were approved by the council in September with an online approval procedure.

IMT in the maritime domain

The document provides an update on the considerations made by IALA with respect to the developments of IMT, in the Maritime Domain.

Revision M.1371-5

The document raises ITU-R Working Party 5B's need for guidance from IMO on the way forwards regarding the Revision of Recommendation ITU-R M.1371-5.

Hideki Noguchi, Chair of ENAV, updated the council on the achievement of the VDES task group in ITU WP5B in December 2021.

The Council noted Information paper to IMO ITU EG on the IMT in the maritime domain

13.2 ETSI

13.2.1 Liaison Note to ETSI TGMARINE on Radar standard

Input paper C74-13.2.1 refers.

The purpose of the paper is to inform ESTI on the work of IALA on the radar standards, including the Enhanced Radar Positioning System.

[The council approved the Liaison note to ETSI TGMARINE on Radar standard.]

Action item 5

The Secretariat to forward the liaison note ETSI TGMARINE once approved by the council.

14 IALA CONFERENCES AND SYMPOSIA

14.1 2023 - 20th Conference – Brazil

Capt. Alberto Piovesana Jr. gave an update on the preparation of the conference to be held from 27 May to 3 June 2023 in Rio de Janeiro, Brazil. He indicated that there may be some changes in the programme depending on the actual situation at the time.

A company in Brazil has submitted a proposal for an electronic voting system, which will be evaluated according to criteria of security, reliability, auditability and speed.

14.1.1 Proposed measures following up the council decision on postponement.

Input C74-14.1.1 refers.

Audrey Guinault, Communication Officer, introduced the paper that summarizes the way ahead in the planning of the post-poned Conference. The first step will be the call for abstracts and from then on the Steering Committee will meet regularly and ensure smooth and efficient planning of the event.

14.2 2025 – 15th Symposium - Singapore

There was nothing to report under this Agenda item.

14.3 2027 – 21st Conference - India

There was nothing to report under this Agenda item.

15 MEMBERSHIP

Finance and Administration Manager, Christine PHILIP introduced the input papers related to membership. Updated papers were provided during the meeting.

15.1 Applications for membership

Input paper C74-15.1 refers.

The Council approved National membership for:

- **The Directorate General of Land and Maritime Transport, Lebanon**
- **Gambia Maritime Administration** (*late submission*)

The Council approved Industrial membership for:

- **Emepa S.A, Argentina**
- **MarinTel LLC, Azerbaijan**
- **Airbus, France**
- **DuckSung Ocean Development Co.,Ltd, Korea (Rep of)**
- **Tecotrex Welding Marine, Qatar**
- **North West Marine Equipment Trading LLC, United Arab Emirates**
- **Navmoor Limited, United Kingdom**
- **Jiangsu Koropp Maritime Technology, People's Republic of China.** This member received the support from China MSA.
- **BC Cuerpo Construction Corporation, The Philippines**
- **Port Control Ltd, Russia**
- **IBK-Fibertec GmbH, Germany** (*late submission*)
- **MaxSea Naval, Spain** (*late submission*)

The Council approved Associate membership for:

- **Porto do Açú Operações S.A, Brazil**
- **TWL Logistics Ltd, Papua New Guinea**
- **Korea Maritime Institute, Korea (Rep of)**
- **Korea Maritime Transportation Safety Authority, Korea (Rep of)**

The following Industrial member did not receive endorsement from China MSA who requests additional time to complete the reviewing process:

- **Yangzhou Bohang Navigation Ltd., People's Republic of China**

15.2 Resignations and changes in membership

Input paper C74-15.2 refers.

The Council noted the resignations from Industrial membership of:

- **CHL Netherlands BV, The Netherlands**
- **Gatehouse Maritime AS, Denmark**
- **North West Plastics, Canada**

The Council noted the resignations from Associate membership of:

- **Offis EV, Germany**

The Council noted the following changes in membership:

- **Victoria Regional Channel Authority, Australia** is renamed **Ports Victoria**
- **Kronstadt Technologies, JSC, Russia** is renamed **Sitronics KO, JSC**
- **European GNSS Agency (GSA), located in the Czech Republic** is renamed **European Union Agency for the Space Programme (EUSPA)**.
- **Abu Dhabi Marine Operations and Services Company LLC, United Arab Emirates: change of category from Industrial to Associate membership.**

15.3 Terminations and suspensions of membership

Input paper C74-15.3 refers.

The Council took a close look at the members on the list submitted for suspension or termination of membership and made the following decisions:

Terminate industrial membership for:

- **Zhejiang Space-Iching Science & Technology Co Ltd. People's Rep. of China**
- **BoLoomo Beijing Technology Co. Ltd. People's Rep. of China**
- **Qatar Ports Management Company - Mwani, Qatar**

Keep the rights suspended for the following National members:

- **Office National de Signalisation Maritime, Algeria**
- **Direction Générale de la Marine Marchande, Rep of Congo**

Approve the suspension of industrial membership for:

- **Prodar, United States of America**

16 COMMUNICATION

Communication officer Audrey Guinault introduced of Agenda point 16.1

16.1 Update on communications

IALA's communication is continuing to develop. An external company has made an audit of the website to analyse users behaviors and see which parts need more attention. The result of this study has shown very interesting data on how the IALA website is used and the specialized company also gave recommendations to improve the functionality of the website. The secretariat will work towards implementing some of these recommendations. In the meantime, the homepage and the menu as well as the dashboard for committees which have been kept well under maintenance to assist the virtual committees. The e-Bulletin is going well with more regular content on Members news. The average opening rate of the newsletter is 3500 users per campaign. The webinar season of the second half of the year has been successful as well. There was an average participation rate of 85 people per webinar and 220 views on Youtube per video. Followers are continuously increasing on all social media, the most popular one being LinkedIn with an average of 30 new followers per month.

The council noted the information provided.

17 ANY OTHER BUSINESS

The Councillor for France indicated that the French Ministry for Europe and Foreign affairs should make an announcement about the signing ceremony shortly.

18 DATES AND PLACES FOR NEXT MEETINGS

The Council approved the following tentative dates and venues for the following sessions:

- Session 75: 30 May -3 June 2022 (week 22), Rio de Janeiro, Brazil
- Session 76: 12-16 December 2022 (week 50), IALA Headquarters
- Session 77&78: May-June 2023 Rio de Janeiro, Brazil

ANNEX A – AGENDA FOR THE MEETING

APPROVED AGENDA

ITEM		ACTION REQUESTED
1.	PRESIDENT’S OPENING REMARKS	Note
2.	APOLOGIES FOR ABSENCE	Note
3.	APPROVAL OF THE AGENDA	
3.1	Draft Agenda	Approve
4.	VACANT POSITIONS WITHIN COUNCIL	Note
5.	REPORT OF THE LAST SESSION	
5.1	Report of the C73	Note
5.2	Matters arising from the session	Note
6.	REPORT BY THE SECRETARY GENERAL	
6.1	Report by the SG	Note
7.	NATIONAL MATTERS	Note
8.	STRATEGY AND POLICY	
8.1	Current Drivers and Trends	
8.1.1	Report from Strategy drafting group	
8.1.2	Current Drivers and Trends	Note
8.2	Policy Advisory Panel	Approve
8.2.1	Report of PAP42	Note
8.2.2	Report of PAP43	Note
8.3	Change of status	
8.3.1	Status on signatures and ratifications	Note
8.4	General Assembly	
8.4.1	Update on the General Assembly	Note
9.	FINANCE AND AUDIT COMMITTEE REPORT	
9.1	Projected result and budget monitoring statement	Note
9.2	Budget for 2022	Approve
9.3	Outline budget 2023-2025	Note
9.4	Membership contribution status	Note
10.	TECHNICAL ACTIVITIES	
10.1	Legal Advisory Panel	

ITEM	ACTION REQUESTED
10.1.1 Report LAP22 10.1.2 IALA Risk Register	Note Note
10.2 Committee work organisation 10.2.1 2 nd half 2021 Committee work summary 10.2.2 Revised Committee work programme 2018-2023 10.2.3 Committee meetings and events dates 2022 10.2.4 Committee meetings arrangement in 2022	Note Approve Note Note
10.3 ARM 10.3.1 ARM14 summary report 10.3.2 Revised R0139 The Marking of Man-made Offshore Structures Ed3.0 10.3.3 Revised R0126 The Use of the AIS in Marine Aids to Navigation Ed2.0 10.3.4 Revised G1078 The Use of AtoN in the Design of Fairways & Channels Ed2.0 10.3.5 Revised G1054 Preparing for an IMO Audit on Aids to Navigation Service Delivery Ed2.0 10.3.6 New Guideline The marking of offshore man-made structures Ed1.0 10.3.7 New Guideline The Marking Of Breakwaters and barriers Ed1.0 10.3.8 New Guideline Management Of Maritime Resource Name Organisation Identifiers Ed1.0 10.3.9 Input paper on AIS ASM survey	Note Approve Approve Approve Approve Approve Approve Approve Note
10.4 ENG 10.4.1 ENG14 summary report 10.4.2 Input to Council on G1065 AtoN signal light beam vertical divergence 10.4.3 New Guideline on Sustainable Structural Design of Marine Aids to Navigation Ed1.0 10.4.4 Input on IALA Recommendation E-200-0 be withdrawn 10.4.5 Model Course C2001-8 L2 Module 1.13 Maintenance of Steel Buoys Ed3.0 10.4.6 Model Course C2001-9 L2 Module 1.14 Power Sources on Buoys Ed3.0 10.4.7 Model Course C2007-1 L2 Module 7.1&2 Racons Ed3.0	Note Approve Approve Approve Approve Approve Approve
10.5 VTS 10.5.1 VTS51 summary report 10.5.2 Revised G1014 on Accreditation of VTS Training Organizations and Approval to Deliver IALA VTS Model Courses Ed4.0 10.5.3 Revised G1110 Use of Decision Support Tools for VTS personnel 10.5.4 New Guideline VTS in Inland Waters 10.5.5 New Guideline VTS Management 10.5.6 Update to IALA VTS Documentation on Adoption of Revised IMO Resolution on Guidelines for VTS	Note Approve Approve Approve Approve Approve
10.6 ENAV 10.6.1 ENAV28 summary report	Note Approve

ITEM	ACTION REQUESTED
10.6.2 Revised G1128 The specification of e-navigation technical service Ed2.0	
10.7 S-200 development 10.7.1 Committees work on S-200	Note
10.8 Digital@Sea 10.8.1 Digital@Sea Asia-Pacific conference 2021	Note
11. IMC 11.1 Update from IMC	Note
12. WORLD-WIDE ACADEMY 12.1 Progress and future actions 12.1.1 Progress report and future actions 12.1.2 Report of the 20 th WWA Board meeting 12.1.3 Report of the 21 th WWA Board meeting 12.2 Risk Register 12.2.1 Academy risk register	Note Note Note Note
13. INTERNATIONAL 13.1 IMO 13.1.1 Information paper to IMO ITU EG on the IMT in the maritime domain 13.1.2 Joint input paper to IMO ITU EG Revision of Recommendation ITU-R M.1371-5 (CIRM & IALA) 13.2 ETSI 13.2.1 Liaison Note to ETSI TGMARINE on Radar standard	Note Note Approve
14. CONFERENCES, SYMPOSIA AND OTHER EVENTS 14.1 2023 – 20th Conference – Brazil 14.1.1 Proposed measures following up the council decision on postponement 14.2 2025 – 15th Symposium – Singapore 14.3 2027 – 21st Conference – India	Note Note Note
15. MEMBERSHIP 15.1 Applications for Membership 15.2 Resignations and Changes in Membership 15.3 Terminations and suspensions of Membership	Approve Note Decide
16. COMMUNICATION 15.1 Update on communications	Note
17. ANY OTHER BUSINESS	

ITEM	ACTION REQUESTED
18 DATES AND VENUES FOR NEXT MEETINGS	Note



ANNEX B – LIST OF PARTICIPANTS

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ANNEX C – ACTION ITEMS

Action item 1

The Secretariat to gather the Council Strategy Group prior to C75 for further work on the documents.

Action item 2

The Secretariat to circulate the paper on AIS and the use of ASM for Council to approve prior to forwarding it to the IMO.

Action item 3

The Secretariat to update and publish all VTS documents on the website after the adoption of the revised IMO Resolution Guidelines for VTS.

Action item 4

The secretariat to re-number the draft Guideline G1128 from Ed2.0 to Ed1.3 and publish the document.

Action Item 5

The Secretariat to send the liaison note to ETSI TGMARINE.

ANNEX D – RECORD OF DECISIONS OF THE 74th SESSION OF THE IALA COUNCIL

The council agreed on the Drivers and Trend document and to gather the Council Strategy Group before C75 for further work.

The Council approved the budget for 2022.

The Council approved the revised Committee work programme for 2018-2023.

The Council approved the revised Recommendation R0139 The Marking of Man-made Offshore Structures Ed3.0.

The Council approved the revised R0126 The Use of AIS in Marine Aids to Navigation Ed2.0.

The Council approved the revised G1078 The Use of AtoN in the Design of Fairways & Channels Ed2.0.

The council approved the revised G1054 Preparing for an IMO Audit on Aids to Navigation Service Delivery Ed2.0.

The Council approved New Guideline The marking of offshore man-made structures Ed1.0.

The Council approved New Guideline The Marking Of Breakwaters and barriers Ed1.0.

The Council approved New Guideline Management Of Maritime Resource Name Organisation Identifiers Ed1.0.

The Council approved Input paper on AIS ASM survey.

The Council approved Input to Council on G1065 AtoN signal light beam vertical divergence.

The Council approved New Guideline on Sustainable Structural Design of Marine Aids to Navigation Ed1.0.

The Council approved Input on IALA Recommendation E-200-0 be withdrawn.

The Council approved Model Course C2001-8 L2 Module 1.13 Maintenance of Steel Buoys Ed3.0.

The Council approved Model Course C2001-9 L2 Module 1.14 Power Sources on Buoys Ed3.0

The Council approved Model Course C2007-1 L2 Module 7.1&2 Racons Ed3.0

The Council approved the Revised G1014 on Accreditation of VTS Training Organizations and Approval to Deliver IALA VTS Model Courses Ed4.0.

The council approved Revised G1110 Use of Decision Support Tools for VTS personnel.

The council approved the New Guideline VTS in Inland Waters.

The council approved New Guideline VTS Management.

The council approved the Update to IALA VTS Documentation on Adoption of Revised IMO Resolution on Guidelines for VTS and that the secretariat does the editorial work on the listed documents in Annex A and publish them on the website.

The Council approved the Revised G1128 The specification of e-navigation technical service Ed1.3.

The council approved the Liaison note to ETSI TGMARINE on Radar standard.

The Council approved National membership for:

- The Directorate General of Land and Maritime Transport, Lebanon
- Gambia Maritime Administration

The Council approved Industrial membership for:

- Emepa S.A, *Argentina*
- MarinTel LLC, *Azerbaijan*
- Airbus, *France*
- DuckSung Ocean Development Co.,Ltd, *Korea (Rep of)*
- Tecotrex Welding Marine, *Qatar*

- **North West Marine Equipment Trading LLC**, *United Arab Emirates*
- **Navmoor Limited**, *United Kingdom*
- **Jiangsu Koropp Maritime Technology**, *People's Republic of China*. This member received the support from China MSA.
- **BC Cuerdo Construction Corporation**, *The Philippines*
- **Port Control Ltd**, *Russia*
- **IBK-Fibertec GmbH**, *Germany*
- **MaxSea Naval**, *Spain*

The Council approved Associate membership for:

- **Porto do Açú Operações S.A**, *Brazil*
- **TWL Logistics Ltd**, *Papua New Guinea*
- **Korea Maritime Institute**, *Korea (Rep of)*
- **Korea Maritime Transportation Safety Authority**, *Korea (Rep of)*

The Council noted the resignations from Industrial membership of:

- **CHL Netherlands BV**, *The Netherlands*
- **Gatehouse Maritime AS**, *Denmark*
- **North West Plastics**, *Canada*

The Council noted the resignations from Associate membership of:

- **Offis EV**, *Germany*

The Council noted the following changes in membership:

- **Victoria Regional Channel Authority**, *Australia* is renamed **Ports Victoria**
- **Kronstadt Technologies, JSC**, *Russia* is renamed **Sitronics KO, JSC**
- **European GNSS Agency (GSA)**, *located in Czech Republic* is renamed **European Union Agency for the Space Programme (EUSPA)**.
- **Abu Dhabi Marine Operations and Services Company LLC**, *United Arab Emirates: change of category from Industrial to Associate membership.*

Terminate industrial membership for:

- **Zhejiang Space-Iching Science & Technology Co Ltd**. *People's Rep. of China*
- **BoLoomo Beijing Technology Co. Ltd**. *People's Rep. of China*
- **Qatar Ports Management Company - Mwani**, *Qatar*

Keep the rights suspended for the following National members:

- **Office National de Signalisation Maritime**, *Algeria*
- **Direction Générale de la Marine Marchande**, *Rep of Congo*

Approve the suspension of industrial membership for:

- **Prodar**, *United States of America*



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Association Internationale de Signalisation Maritime

