



REPORT OF THE 75TH SESSION OF THE IALA COUNCIL

30 May – 3 June 2022, Copenhagen, Denmark

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OPENING

The 75th session of the council meeting was held from 30 May to 3 June 2022 at the Radisson Royal Collection hotel in Copenhagen, Denmark.

1. PRESIDENT'S OPENING REMARKS

Mrs Young-shin Kim opened the meeting and welcomed all councillors, observers and the Secretariat. She expressed her gratitude to the Danish Maritime Authority for hosting the meeting. This was the first face to face meeting since the pandemic started two years before. Some countries could still not join and participated online. IALA will continue to provide online facilities with hybrid meetings to ensure that everyone can participate. She welcomed the councillor for Chile, Vadm Carlos Huber, who was attending for the first time, as well as new participants from India, Japan, Malaysia, Singapore and Turkey. The IMC representative John Sugarmann was replaced by Simon Brooks at this meeting.

2. APOLOGIES FOR ABSENCE

There were no apologies for absences received for this meeting.

A list of participants is at Annex B.

3. APPROVAL OF THE AGENDA

The Agenda (input paper C75-3.1) was approved. The Secretary-General indicated that a late input paper was submitted under item 17 on the topic of the crisis in Ukraine.

The Agenda was approved and is at Annex A.

4. VACANT POSITION WITHIN COUNCIL

There was no vacant position within the Council.

5. REPORT OF THE 74th SESSION

5.1 Matters arising from the session

Communication officer Audrey Guinault introduced input papers C75-5.1.

All action items from the previous meeting have been completed. The Strategy Drafting Group met on Monday, 30 May and a summary of the report will be given by the chair under agenda point 8.

Technical Operations Manager Minsu Jeon introduced input papers C75-5.1.2 and gave a briefing on 2 follow up actions from the last session.

- C74-10.3.9 AIS ASM survey
- C74-10.5.6 Update to IALA VTS documentation following adoption of revised IMO Resolution A. 1158(32) *Guidelines for Vessel Traffic Services*.

According to the approval of council 74, the Secretariat circulated the survey with an internet-based tool to all members and analysed the result and forwarded it to the working group. The group drafted the document in April this year and subsequently underwent the council email approval procedure (as the document number G/C/Council/22-046) and submitted it to IMO NCSR 9 with Canada, Norway and IALA as submitting member states (see agenda item 12.2).

As regards IALA documentation on the adoption of revised IMO resolution on guidelines for VTS. The new IMO resolution A.1158(32) was approved by Assembly 32 session in December 2021, and the IALA Secretariat subsequently updated and published all revised VTS documents on the website.

Also, the Secretariat hosted 3 series of webinars on this topic in English, French and Spanish to maximise the opportunity for IALA members to learn about this important development.

6. REPORT BY THE SECRETARY-GENERAL

The Secretary-General, Francis Zachariae, referred to input paper C75-6.1 and gave the following orientation:

He welcomed all participants to Council 75, which was only the second physical meeting in IALA after the pandemic. More and more countries have lifted or are in the process of lifting the last restrictions and it seems like the virus is getting weaker and allow us to live a normal life. He also welcomed the on-line participants.

He mentioned that the Secretariat have started normal work routine in the HQ and travels are starting to fill up the agendas again.

He mentioned that hopefully we will all be together at the next round of committee meetings after the summer break, but of course with a possibility to participate online if travel is not an option, but he recommended meeting face to face as soon as possible.

He welcomed Council to his home Country Denmark and thanked the Danish Maritime Authority for hosting C75 in the very nice surroundings of the SAS Royal Hotel.

The Secretary-General thought that things should be normal now after the COVID pandemic, but an even more serious situation is actually now a reality. We have a war in Europe and at this difficult time our thoughts are with our friends and their families and the people of Ukraine. Council will discuss this more in details under agenda 17, where the Secretariat also propose a new Disaster Recovery Fund that he hoped Council would accept and perhaps also support financially.

At times like this, he mentioned, that it reminds him that we are privileged to work for an organisation that seeks to bring people together in a spirit of cooperation and compromise, and where understanding and mutual respect are so important. The international institutions and global corporation have again proven to be very important.

The Secretary General then gave an up-date on:

- Membership
- Digital developments-working arrangements for the committees and subsidiary bodies
- Administration and Staff
- Languages of IALA
- The Change of Status project
- Preparation for the 20th Conference
- Developments of the World-Wide Academy

The Council noted the Secretary-General's report.

7. NATIONAL MATTERS

Input papers from C75-7.1 to C75-7.9 can be found on the website. All the councillors gave reports on national matters. Main topics were identified as following:

-Economy recovering from Covid 19

-Growing number of cyber-attacks increasing the need for cyber security

-Digitalization

-Sustainability

Several countries reported changes in their government and/or ministries.

The national matter reports were noted.

8. STRATEGY AND POLICY

8.1 Current Drivers and Trends

Input papers C75-8.1.1 refers.

The Chair of the Strategy Drafting Group, Christian Forst gave a summary of the report from the meeting held on Monday 30 May. The Chair reported on the background of the Strategy Drafting Group, reminding councilors that the first Strategic Vision was prepared in 2013, approved by the Council in December 2013, and announced to the General Assembly in May 2014. The Strategic Vision was brought up to date by the Council in December 2017 and approved by the General Assembly in June 2018. Finally, a workshop was held in 2019. This paper is regularly updated by the Council and at C72, Canada, China and Australia provided inputs which were amalgamated into the current version 2.0 of the document. At C73, Korea provided further input. Following a discussion on the desired content and tone of the Current Drivers and Trends document, Council agreed to assemble the Strategy Drafting Group before C74 to finalize the document. At C74, UK highlighted that the document failed to properly recognize the enduring importance of physical Marine Aids to Navigation and it was decided that the Strategy Drafting Group should consider inclusion of this aspect into the document. At a recent meeting of the IMC, a similar concern was discussed and the IMC has compiled an input paper for consideration by the Strategy Drafting Group.

The chair indicated that the IALA Strategy is comprised of a number of documents, including the Constitution, the Strategic Vision and the Current Drivers and Trends document and that these documents would now need to be reviewed and updated, particularly in regard to the change of status.

He then summarized the discussion saying that the existing documents should be merged. The existing statements should be reviewed and items added, and then feedback should be asked from councilors with the view of presenting a final document to be approved at Council 76 in December 2022.

The Chair asked for volunteers to set up the small strategy drafting working group. South Africa, Canada, Sweden, Denmark and Germany agreed to be part of this group.

There was one comment from the Councillor for Sweden who requested to change the term “VTS Authorities” to “VTS Providers” throughout the document.

The Council noted the report.

Action Item 1:

The Secretariat to gather the small working group to draft a new document and then circulate the document before the next Strategy Group meeting on Monday 12 December 2022 in Rio de Janeiro, Brazil.

8.2 Policy Advisory Panel

8.2.1 Report of PAP44, 45 & 46

Input paper C75-8.2.1, C75-8.2.2 and C75-8.2.3 refer.

Omar Frits Eriksson, Deputy Secretary-General reported that since the last council meeting, the Policy Advisory Panel met three times. PAP44 and 45 were completely virtually while PAP46 was a purely physical meeting, the first face-to-face meeting at headquarters since the beginning of the Pandemic.

The highlights from PAP44 were:

The division of work between the committees on the draft Recommendation and Guideline on MASS was agreed and it was agreed that ENAV should coordinate this work.

Following a discussion on the need for better cross-committee coordination it was agreed that the PAP could increase the frequency of meetings slightly and focus each meeting a bit more on topics in need of coordination.

Based on an interesting input from the VTS committee about normative versus informative provisions, the Policy Advisory Panel found that only recommendations can be normative. Guidelines can never be normative as they are a broad description of possible ways members may fulfil the provisions of a recommendation.

Work on sustainability was discussed and it was proposed that the ENG committee could plan a future workshop or seminar on this topic.

Following a discussion of input proposal to change the Heritage Lighthouse of the Year Award to a more competitive approach, it was agreed that it should remain non-competitive and celebratory in nature to promote awareness of lighthouse heritage.

PAP45 was a short virtual meeting which focused on finalizing an IMO NCSR9 paper on maritime services which was then submitted to the Council for silent approval.

PAP46 focused on discussing the content of the IALA Position on the Development of AtoN Services document. It was agreed that there is a need to revise some of the position statements and the secretariat was actioned with developing a new draft to be discussed at a future meeting.

PAP46 also agreed on the latest version of the IALA standards, as well as on a number of workshop proposals to be presented to the Council.

The Council noted the three reports.

The councillor for Singapore expressed his appreciation to Simon Millyard for presenting the input paper from the MASS Task Force at PAP44. He also thanked the ENAV committee for coordinating the cross-committee work on developing the draft recommendation and guideline with the MASS Task Force.

The MASS Task Force had a productive hybrid meeting on Monday 30 May 2022. The representatives of technical committees updated on their work, and the taskforce also decided to develop a roadmap on the single guideline that will facilitate cross-committee work. In addition, they proposed to submit an information paper to the 107th session of the International Maritime Organization's Maritime Safety Committee. The information paper would be circulated to PAP 47 in September and the 76th Session of the IALA Council in December for discussion.

In working together with IALA's technical committees on developing the recommendation and guideline on MASS, the MASS Task Force aims to prepare IALA and Member States for MASS technologies. It is vital that IALA standards and guidelines do not lag behind the fast-moving evolution of MASS technologies, and in this regard, Singapore urged Member States to continue working closely with the MASS Task Force to prepare for the future of shipping.

8.3 Change of status

Input paper C75-8.3.1 to C75-8.3.5 refer.

The Secretary-General, Francis Zachariae, introduced all of the points from 8.3.1 to 8.3.5.

8.3.1 Status on signatures and ratifications

The Secretary-General mentioned that IALA had a very successful signing ceremony in St. Germain en Laye in January this year. During the first signing and this event, 51 States have signed the Convention. All Member States of the United Nations that have not signed during the signature period, may accede to the Convention, which will enter into force on the ninetieth day after the date of deposit of the thirtieth instrument of ratification, acceptance, approval or accession.

8.3.2 Planning for the transition period

The Secretary-General mentioned that Secretariat has started the detailed preparation for the transition period between the start of the new organization and the termination of the present association. For this purpose and after advice from the LAP, the Secretariat has appointed a French law firm, Carlara Avocats, to provide legal

assistance throughout the transition period and until the winding up of the Association is complete. Carlara Avocats will help with respect to the administrative formalities required by French law for the transfer of the rights, interests, assets and liabilities in favour of the new IGO.

Of special interest is the Annex to the Convention (Transitional Arrangements), that is attached as Annex 1 to the input papers, and Article 13 to the Constitution of the present IALA, that reads:

“In the event of IALA being constituted as an international organization based on an international agreement the Council must arrange for the winding up of IALA and the formal transfer of ownership of all assets free of charge and without reservation into the possession of the organization constituted according to the international agreement. This Constitution will terminate without further action when the formalities for termination required by French law commenced by the Council are complete.”

It is important to note, that upon entry into force of the Convention and until the first General Assembly of the IGO (maximum six month), the President, Vice President, the Council, the Secretary General, the Secretariat and the organs of the present IALA will execute the same roles in the IGO in accordance with the relevant articles of the Convention. This provision ensures that IALA will be able to continue its tasks during the transition period until the first General Assembly of the IGO will elect the first President, Vice President, the Council, the Secretary-General and all other relevant positions according to the Convention.

To avoid confusion the Secretary-General indicated that he would recommend the transition period would be as short as possible and that the Secretariat would prepare for that.

The Council noted the information.

8.3.3 Use of the General Regulations Mutatis Mutandis

As part of the Basic Documents, IALA has developed the General Regulations including Financial Regulations. In the present IALA the General Regulations and the Financial Regulations shall be agreed and changed by the Council, but in accordance with the Convention, the General Assembly will have to agree the General Regulations and Financial Regulations in the IGO.

As part of the Transitional Arrangements, it has been decided that the present General Regulations should be used mutatis mutandis in the period from the entry into force of the Convention and until new General Regulations have been agreed at the first General Assembly of the IGO.

Mutatis mutandis translates in legal terms to “all necessary changes having been made” or “with the necessary changes.” In the present situation this means mainly that the IGO will be governed according to the General Regulations of the association until the IGO decides upon its General Regulations during the first General Assembly. Therefore, the technical work and every-day-business of IALA will continue as before.

The Council noted the information

8.3.4 Draft letters to members regarding change of status

The Secretary-General reminded councillors that a particularly important part of the Transitional Arrangements is point 5) and 7):

5. All National Members of the International Association of Marine Aids to Navigation and Lighthouse Authorities from States that are not Member States shall, subject to their formal request, become Associate Members of the Organization for a duration of up to ten years from the date of entry into force of this Convention, unless the General Assembly decides to extend that period.

7. All Associate and Industrial Members of the International Association of Marine Aids to Navigation and Lighthouse Authorities up to date with their fees shall, subject to their formal request, become Affiliate Members of the Organization.

Some National members might not have ratified, accepted or acceded to the Convention when it enters into force, and it is important to keep them as members of the organization for political, technical and financial reasons. The same goes for the Industrial members and Associate members who contribute with invaluable technical knowledge to the development of the technical documents. Therefore, the process of inviting these members and the formal request procedure must be well prepared and easy to manage for the potential members.

Draft letters were attached as Annex 3 to the input papers for comments and suggestions.

The Council noted the information and approved the two letters to the members.

8.3.5 Drafting of the new General Regulations

The Secretary-General recalled that in the beginning of the Change of Status project, the draft General Regulations were managed in the same way as the draft Convention. They were issued before each meeting and after comments by States they were negotiated at the meetings. This was given up as they were much too complicated to agree on and took too much time from the more important negotiation on the draft Convention. The last version of the draft General Regulations were issued as an input paper to the Diplomatic Conference in Marrakesh in 2019.

Experience had shown that it can be cumbersome to achieve agreement on the detailed General Regulation and it is therefore necessary to have a very mature draft ready for the first General Assembly of the IGO.

As this should not be done at a diplomatic conference it is proposed to convene the signatory and accession States to a meeting during 2023 in the IALA HQ to discuss and finalize the draft General Regulations and the Financial Regulations. Alternatively, a signatory or accession State could host the event. There might be need for a weeklong meeting or more than one meeting. It was proposed that the Secretary-General chairs this meeting with the help of the IALA Secretariat.

A draft developed by the Secretariat with the help of the LAP Chair and Vice Chair would have to be sent to the potential participants in advance to get relevant comments.

The Councilor for Japan thanked the Secretary-General for his tremendous effort for the smooth transition of IALA to the IGO.

In this connection, Japan considers that the General Regulations for the new Organization is of much importance as well as the Convention, since it regulates all daily activities of the new Organization including the Committee's work, which is the core engine of the new Organization.

Therefore, with the agreement of other distinguished Councilors, Japan was pleased to invite this important meeting to Japan, subject to the approval of the necessary budget for the fiscal 2023 and Japan added that it has already initiated the budget requesting process with the kind assistance from the Secretary-General.

It is expected that the result for budget would be obtained by the end of this year, so the hope is that Japan will be able to inform the council of the progress or result accordingly at the next Council meeting in Rio de Janeiro, Brazil.

The Council noted the information and agreed that the meeting on the drafting of the General Regulations for the new Organization would be hosted by Japan in the last part of 2023 under the condition that the budget is agreed by the Japanese authorities.

8.3.6 Information on the Headquarters agreement

The HQ agreement defines the privileges and immunities for the Organization and its staff in the territory of France. It will enter into force upon creation of the new IGO.

A revised final version of the HQ agreement was agreed between IALA and French Ministry of Foreign Affairs and is now under validation in the different French Ministries.

The information was noted by the Council.

8.3.7 Information on the future staff rules

In order to define which options are offered to the future staff of IALA in terms of Health Insurance, social benefits and pension schemes, the French law Firm Carlara Avocats undertook in 2021 a detailed comparative study of the different systems of International Organizations similar with IALA in terms of size and objects. Four different scenarios have been identified. It appeared that the scenario which consists of remaining under the

existing French social security system (for medical, social and retirement benefits) would be the most appropriate and flexible option at present time.

The drafting of new staff rules is in progress based on this scenario.

The information was noted by the Council.

The representative of Singapore congratulated IALA on receiving 51 signatures for the Convention, and highlighted that this was an important milestone in IALA's change of status project. Singapore's representative added that, as a major hub port situated along a key waterway for international shipping, Singapore recognises the indispensable role IALA plays in facilitating safe and efficient marine navigation, and would like to encourage fellow Member States to ratify and accede to the IALA Convention to grow IALA's mandate and strengthen global participation and cooperation in harmonising marine aids to navigation worldwide.

Singapore also added that they would like to commend the IALA Secretariat on its tireless efforts in making detailed preparations for the transition and that they stand ready to participate in discussions on the draft General Regulations and Financial Regulations.

The representative of Singapore also noted IALA's efforts to retain broad-based participation in the new IGO by planning the membership transfer of Industry and Associate Members as well as IALA's National Members that are non-Member States of the new IGO. Singapore explained that for a smooth transition process, it was important for the Members to be duly informed of the membership transfer process as outlined in the Convention. Singapore agreed with the Secretariat's proposal to notify Members by way of a formal letter, and supported the draft letter and form prepared by the Secretariat to facilitate this process.

9. FINANCE AND AUDIT COMMITTEE REPORT

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

9.1 2021 Audited financial statement

Input paper C75-9.1 and Annex C75-9.1.1 refer.

IALA closed its financial year with a net consolidated surplus of €400,787.

From this surplus, the Council approved the allocation of €150,000 to the Reserve for associative project. This allocation is raising the level of the reserve to €300,000 with the aim of covering part of the expected expenses of the IALA Conference planned in Brazil in 2023.

Concerning IALA budget execution, 91% of the budgeted income was received and 82% of expenditure was spent due to the pandemic that has slowed down travels in 2021 and forced the Organization to organize the Committee meetings virtually.

K€364 sponsorships were received from various donors for the World-wide Academy's activities. At the end of December 2021, unused sponsorships for K€240 remain in the respective dedicated funds for future use in 2022.

The Council noted the 2021 Audited Financial Statements and approved the allocation of €150,000 to the Reserve for associative project.

9.2 Budget monitoring statement as of 30th April 2022

Input paper C75-9.2 and Annex C75-9.2.1 refer.

Total operating income as of 30 April 2022 is 1,8 million euros out of 2,9 million euros budgeted, 9% lower compared with the same period last year. 1.8 million euros were received as contributions, €K10 for the sales of advertising in the e-bulletin and €K20 for the Secretariat support from the World-Wide Academy.

As regard to expenditure, total operating expenses to 30 April 2022 accounts for K€942 which represents 34% of the total budget used (+11% compared with last year at the same period) mainly due to the resumption of activities and international travels in 2022.

The Council noted the budget monitoring statement.

9.3 Revised budget for 2022

Input paper C75-9.3.1 refers.

The revised budget of income amounts €2,976,465. The budget adjustments are as follows:

- €43,176 increase in contributions for the year.
- €14,400 increase in the workshop budget due to the organisation of the *"Joint IHO/IALA Workshop S-100/S-200 Product Specification Development & Portrayal"* scheduled in Norway in September 2022.
- €12,850 increase in voluntary contributions related to a financial support received from the French Government to encourage the recruitment of work-study employees under an apprenticeship contract.

Some adjustments are also made to the expenditure budget which finally amounts €2,715,501.

The total impact of the changes amounts to €111,796 (+2% in income and -1% in expenditure).

The Council approved the revised budget for 2022.

9.4 Membership situation status

Input paper C75-9.4 and C75-9.4.1 refer.

A 3% increase in the membership rate is proposed for the year 2023 for the National members category only. Exceptional measures were taken and a waiver of certain contributions was granted for the following two members: Inca Philippines Inc and the State Hydrographic service of Ukraine.

The Council noted the membership situation status and approved the membership contributions rates for 2023 as follows:

- **National members: €18,200**
- **Industrial members: €6,350**
- **Associate members: €3,070**

10. TECHNICAL ACTIVITIES

10.1 Legal Advisory Panel

10.1.1 Report of LAP23

Input paper C75-10.1.1 refers.

The Chair of the Legal Advisory Panel introduced the report of the 23rd session of the Legal Advisory Panel which was held by videoconference on 29 and 30 March 2022.

The LAP was informed about the changes to the standards following PAP44. The LAP reviewed the standards and made some small amendments for the PAP to consider. 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 Council noted the report of LAP 23.

10.1.2 Basic Documents

Input paper C75-10.1.2 refers.

The Chair of the LAP reported that several changes were made to the Basic Documents according to the Style Guide. Changes were also made to the Terms of Reference for the committees in order to better define where and how the inter-sessional work is happening.

The Council approved the Basic Documents Ed6.0.

10.1.3 IALA Risk Register

Input paper C75-10.1.3 refers.

Very few changes were made to the IALA Risk Register. The risk was lowered regarding the change of status as a total of 51 signatures was reached by January 2022, thus confirming the support of many countries for the change. The law firm hired to prepare for the smooth transition to the change of status also contributed to lower the risk level.

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 First half 2022 committee work summary

Input paper C75-10.2.1 refers.

The four committees were held back to back and simultaneously, and about 150 meetings were held in total in the plenaries, working groups and task groups.

The committees continued the work programme, which was approved by the council. A number of tasks have been done intersessionally, and during the period, 90 outputs have been prepared.

And also, during the period, 14 interesting presentations were made, and they were saved in the IALA repository on the website (<https://www.iala-aism.org/committee-dashboards/presentations/>).

The Council noted the summary of the 1st half of 2022 committee work.

10.2.2 Revised committee work programme 2018-2023

Input paper C75-10.2.2. and C75-10.2.2.1 refer.

In the first half of the 2022 committee period, based on the council's decision, the committees continued the work based on the work programme. The updates are 14 summarized in the associated document 10.2.2.1. The traffic lights of the tasks have been updated after the committee meetings.

The MASS Task Force had a hybrid type meeting on 30 May 2022 and progressed related work items.

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

10.2.3 Committee meetings and events date in 2022

Input paper C75-10.2.3 refers.

PAP46 was held in May 2022 as an in-person meeting in IALA HQ, discussed and agreed on the planned 2022 committee working arrangements and dates outlined in the paper C75-10.2.3.

The dates in the document are the physical participation week only. There would be virtual openings and closings and the exact programme of each committee session will be determined by the chairs in conjunction with the Secretariat and published on the website.

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

10.3 ARM

10.3.1 ARM15 summary report

Input paper C75-10.3.1 refers.

The 15th Session of the ARM Committee was held virtually from 11 to 25 March 2022. The Committee continued the work for this work period. The Committee considered 48 input papers and produced 26 output and working documents.

The session finished 1 draft recommendation and 4 guidelines for council approval, and the draft MBS for the council to note. The traffic lights of the committee works are attached to the summary for information.

The Council noted the summary report of ARM15.

10.3.2 New Recommendation on Maritime Resource Names (MRN), Ed1.0

Input paper C75-10.3.2 refers.

The draft will be a mother Recommendation of the two guidelines, G1143 and G1164. It is a straightforward document that recommends the National members and other appropriate authorities providing Marine Aids to Navigation services observe the provisions specified in IALA Guideline G1143; and Authorities wishing to utilise MRN in areas outside of IALA's remit observe the application procedures outlined in IALA Guideline G1164.

The Council approved the new Recommendation on Maritime Resource Names Ed1.0.

10.3.3 Revised Guideline G1018 on Risk management, Ed4.0

Input paper C75-10.3.3 refers.

This document has been through a comprehensive revision based on the experience of the World-Wide Academy training courses. The core structure is in place, and the level of information provided to the users is clear and succinct without unnecessary duplication in the guidelines for PAWSA, IWRAP, SIRA, and Simulation.

The revised edition mostly covered the risk management process and the steps and scopes of each process and reorganised the whole contents and clarified the terminologies, especially introducing the summary part of each risk management tools, and newly included an assessment tool which is "One page Risk Assessment".

This will help the members to select the right tool for the region.

The Council approved the revised Guideline G1018 on Risk management, Ed4.0.

10.3.4 Revised Guideline G1123 on the use of the IALA Waterway risk assessment programme or IWRAP, Ed2.0

Input paper C75-10.3.4 refers.

IWRAP is one of the IALA risk assessment tools, and it is to provide authorities with a standardized quantitative method to calculate the probability of collisions, allisions and groundings in a given waterway.

IWRAP allows different scenarios to be developed, so that changes in traffic volume or composition, changes in route geometry, changes in the mix of Marine Aids to Navigation or the introduction of other mitigating options, may be evaluated in terms of changes in the expected average annual number of collisions and groundings.

This document edition 2 has been updated with more recent information and clarify some terminologies as well, a new chapter on the definition part has been added, and many minor changes after the real training have been adopted to the document.

The Council approved the revised G1123 on the use of the IALA Waterway Risk Assessment Programme (IWRAP), Ed 2.0

10.3.5 Revised Guideline G1124 on Ports and waterways safety assessment (PAWSA MK II), Ed2.0

Input paper C75-10.3.5 refers.

For the draft Guideline, significant progress has been made in separating the actual Guideline from the PAWSA operational manual, thus making the Guideline fit for purpose.

The purpose of this document is to provide an overview of the PAWSA methodology, which:

- Identifies major waterway safety hazards;
- Estimates risk levels, evaluate potential mitigation measures; and
- Sets the stage for the implementation of selected measures to reduce risk.

For the edition 2 of this document, the introduction has been updated, and the purpose chapter has been added.

The Council approved the Revised G1124 on Ports and waterways safety assessment (PAWSA MK II), Ed2.0

10.3.6 Revised Guideline G1058 on The use of simulation as a tool for waterway design and AtoN planning, Ed3.0

Input paper C75-10.3.6 refers.

The Guideline is more generic as the current guideline is rather technical with a level of high detail, which makes it outdated as soon as it is approved due to the fast development in technology. In the process of converting the document with more generic content, it became clear that the content of G1097 on Technical features and technology relevant for the simulation of AtoN should be included as an Annex to G1058.

The Council approved the Revised G1058 on The use of simulation as a tool for waterway design and AtoN planning, Ed3.0.

The Council revoked G1097 on Technical Features and Technology Relevant for Simulation of AtoN, Ed1.0.

10.3.7 Revised Recommendation R1001 on the IALA Maritime buoyage system (MBS), Ed2.0

Input paper C75-10.3.7 rev1 refers.

MRN is one of the signature document of IALA, and for this task, ARM conducted a gap analysis first and received comments from all the other committees.

Summary of the updates:

- Revised document included updates, incorporation of electronic & mobile applications and the inclusion of the Mobile Aids to navigation.
- Inclusion of wording regarding MASS, with input from ENG, VTS & ENAV.
- The AIS AtoN ITU message and code numbers were removed
- Addition of a section addressing consideration of inclusion of sustainability.
- Consideration was given to the inclusion of a section on sound signals, but this was deleted as their use was declining, and they are not classed as AtoN in themselves.

The Secretariat put the MBS through the IALA style exercise to conform with IALA Style Guide.

The document C75-10.3.7 rev.1 included the finalised appendixes of the document, and this document could be approved at the Council 76 session to be sent to the general assembly in 2023.

The Council noted the revised R1001 on the IALA Maritime buoyage system (MBS), Ed2.0

10.4 ENG

10.4.1 ENG15 summary report

Input paper C75-10.4.1 refers.

The 15th Session of the ENG Committee was held virtually from 28 February to 17 March 2022. The committee continued the work and considered 44 input papers, and produced 16 working and output documents.

The Council noted the summary report of ENG15.

10.4.2 Revised Recommendation R0204 Marine signal lights – Determination and calculation of effective intensity, Ed3.0

Input paper C75-10.4.2 refers.

This document proposes a minor editorial amendment to the document to include the Modified Allard Method to individual flashes in isolation in the contents.

The Council approved the revised R0204 Marine signal lights – Determination and calculation of effective intensity, Ed3.0.

10.4.3 Revised Recommendation R0141 on Training and certification of marine Aids to Navigation personnel, Ed 5.0

Input C75-10.4.3 refers.

Edition 5.0 Separation of Recommendation from the annex to form a new Guideline which is C75-10.4.9.

The document recommends that competent authorities and AtoN providers implement and establish AtoN training and certification in a standardised and harmonised manner in accordance with the guidelines and model courses developed by IALA.

The Council approved the revised R0141 on Training and certification of marine Aids to Navigation personnel, Ed 5.0

10.4.4 Revised Guideline G1135 on Determination and calculation of effective intensity, Ed 3.0

Input paper C75-10.4.4 refers.

ENG made a minor editorial amendment to G1135 with regard to an error in the peak-to-effective intensity factor tables in the annex.

The Council approved the revised G1135 on Determination and calculation of effective intensity, Ed 3.0.

10.4.5 Revised Guideline G1127 on Systems and services for high accuracy positioning and ranging, Ed2.0

Input paper C75-10.4.5 refers.

The document provides guidance to stakeholders, operators, and end-users regarding principal aspects, which should be considered for deployment and operation of systems as well as utilisation of services. These include applications, performance requirements, functional principles, and generic descriptions concerning the main aspects that have to be considered during implementation and operation.

For the revised document, the performance specification chapter has been updated, and also, the chapter for the methods for high accuracy positioning and ranging, the new edition separated it into two chapters, including PPP/RTK, Laser Ranging, Lidar, and Ultrasonic sensors. And also, further information about performance parameters has been added.

The Council approved the revised G1127 on Systems and services for high accuracy positioning and ranging, Ed2.0

10.4.6 Revised Guideline G1129 on the retransmission of SBAS corrections using MF-radio beacon and AIS, Ed 2.0

Input paper C74-10.4.6 refers.

The document provides an overview of SBAS structure, use and general coverage areas in section 3. For the sake of completeness, the direct use of SBAS from SiS on-board is introduced in section 3.1, and complementary information is included in different annexes.

The draft includes a generic cost analysis focused on relevant architectures for the transmission of SBAS corrections over the IALA beacon and AIS.

The Council approved the revised Guideline G1129 on the retransmission of SBAS corrections using MF-radio beacon and AIS, Ed 2.0

10.4.7 New Guideline on The use of enhanced radar positioning systems, Ed1.0

Input paper C74-10.4.7 refers.

The use of GNSS for Position, Navigation & Time has become universal, yet it is vulnerable by definition of its weak signals and ease of intentional or unintentional jamming or spoofing.

ERPS is a technology, proven in trials, which uses an enhanced radar & enhanced racon to provide a vessel with position which is independent of GNSS and offers the mariner a resilient alternative to compliment the GNSS already in use.

For this technology, IALA hosted a virtual workshop from 30 November to 2 December in 2021. And the outcomes of the event have been included in the draft guideline.

The Council approved the new Guideline on The use of enhanced radar positioning systems, Ed1.0

10.4.8 New Guideline on Quality control of third-party AtoN service providers, Ed1.0

Input paper C74-10.4.8 refers.

This new draft Guideline is in line with G1005 on contracting out AtoN services that give guidance on procedures for AtoN authorities when considering contracting out AtoN services.

As part of contracting out the services to third parties, it is important to ensure that the third-party contractor has the necessary capability and experience.

The contents of the document include;

- Contractor / prequalification and selection
- Control of construction / and maintenance activities
- Contractor performance monitoring
 - Management plan
 - Reporting
 - Inspections and audits
 - The use of Key Performance Indicators
- Information management

This document could provide good guidance for contracting authorities with a framework for ensuring third-party contractors that are providing engineering and maintenance services for AtoN.

The Council approved the new Guideline on Quality control of third-party AtoN service providers, Ed1.0

10.4.9 New Guideline on Training and certification of marine Aids to Navigation personnel, Ed1.0

Input paper C74-10.4.9 refers.

The Guideline provides guidance on implementing practices associated with the recruitment, training, and assessment of AtoN personnel to ensure that it provides the greatest possible uniformity in AtoN in accordance with SOLAS Chapter V Regulation 13 and is developed and harmonized in accordance with the IALA standards, recommendations, guidelines and model courses.

The Council approved the new Guideline on Training and certification of marine Aids to Navigation personnel, Ed1.0

10.4.10 New Guideline on Solar modules for a marine environment, Ed1.0

Input paper C74-10.4.10 refers.

This document is in line with G1039 on designing solar power systems for marine Aids to Navigation which provides detailed guidance on how to decide the solar panel sizes.

This document provides guidance on the use of solar energy as a power source, and available technologies, and information on module design and some factors on electricity and the environment.

Some of the contents of this document are duplicated with Guideline 1039; therefore, ENG will work on updating G1039 as well in due course.

The Council approved the new Guideline on Solar modules for a marine environment, Ed1.0.

10.5 VTS

10.5.1 VTS52 summary report

Input papers C75-10.5.1 refers.

The 52nd Session of the VTS Committee was held virtually from 30 March to 13 April 2022.

The committee progressed the work and finalized one recommendation and two guidelines for approval.

The Council noted the information on and VTS52 summary report.

10.5.2 Revised Recommendation R0119 on Establishment of a VTS, Ed4.2

Input papers C75-10.5.2 refers.

This Recommendation provides a general framework to the competent authorities when establishing a VTS.

There are 4 IALA guidelines related to the establishment of a VTS.

- G1150 Establishing, Planning and Implementing a VTS
- G1083 Standard nomenclature to identify and refer to a VTS
- G1142 The Provision of a Local Port Service / other than a VTS
- G1166 VTS in Inland Waters

The Council approved the revised R0119 on Establishment of a VTS, Ed4.2

10.5.3 Revised Guideline G1150 on Establishing planning and implementing a VTS, Ed3.0

Input papers C75-10.5.3 refers.

The purpose of this Guideline is to provide a framework to assist authorities in implementing practices specified in IALA Recommendation R0119 Establishment of a VTS. This includes arranging for establishing, planning and implementing a VTS.

Edition 3.0 added a new chapter 6 on post-implementation evaluation. The new chapter gives a guidance a VTS needs to be effective and routinely evaluated to ensure that the operational objectives are being met, the technical and operational performance is acceptable, and the issues identified and defined in determining the need for the VTS have been either alleviated or at least reduced to an acceptable level.

The Council approved the revised Guideline G1150 on Establishing planning and implementing a VTS, Ed3.0

10.5.4 New Guideline on Human factors and ergonomics in VTS, Ed1.0

Input paper C75-10.5.4 refers.

This Guideline provides awareness regarding the role of the human factor in the performance of a VTS. It is intended to present a source of information to assist the VTS provider in the preparation and implementation of systems to support operational performance. It is not intended to provide specific information on the safety culture or portrayal of data.

Furthermore, this Guideline provides guidance in implementing human factors during the training cycle (e.g., initial On-the-Job, recurrent, updating and adaptation training). This Guideline specifies best practices and may be observed as necessary.

The Council approved the new Guideline on Human factors and ergonomics in VTS, Ed1.0

10.6 ENAV

10.6.1 ENAV29 summary report

Input papers C75-10.6.1 refers.

The 29th meeting of the ENAV Committee was held virtually from 14 March to 1 April 2022. This was the 7th meeting for the 2018-2022 Work Programme and the Committee considered 46 input papers and produced 7 output papers.

The Council noted the ENAV29 summary report.

10.6.2 workshop proposal on Digital Maritime Communication infrastructure

Input paper C75-10.6.2 and C75-10.6.2.1 refers.

ENG 15th session prepared a workshop proposal on Digital Maritime Communication infrastructure that would be held in the first quarter of 2023 in Tokyo, Japan.

The workshop will provide a forum for all members to discuss and develop an IALA guidance document on digital maritime radio communication infrastructure.

The proposal is attached as C75-10.6.2.1.

The Council approved the proposal on the IALA workshop on Digital Maritime Communication infrastructure to be held in 2023 in Japan.

10.7 S-200 development

Input paper C75-10.7.1 refers.

Minsu Jeon made a presentation on S-200 development. During the first half of 2022, the committees continued to work on various product specifications related issues.

ARM continued the tasks and updated the S-201 AtoN information and S-125 product specifications. The S-125 is the public-facing version of the S-201. ENG finalized S-245 and 246 as version 1.0.0 and published them for trials and tests. VTS committee started developing S-210 inter VTS exchange format.

The joint workshop on S-100/S-200 PS development and portrayal will be held from 5 - 9 September 2022 in Aalesund, Norway. The programme will cover the introduction of S-100 and S-100, shared experiences, and review of IHO and IALA recommendations and guidelines.

The workshop could provide a chance to gain a common understanding between organizations regarding the concepts and use of the S-100 framework to advance the development and delivery of e-Navigation maritime services.

Domain	PS	Title	Developing Committee	Version
AtoN	S-201	AtoN information	ARM	1.1.0
	S-125	Maritime Navigational Service	NIPWG (ARM)	
Positioning	S-240	DGNSS almanac	ENG	1.0.0
	S-245	eLoran ASF	ENG	0.7.0
	S-246	eLoran almanac	ENG	1.0.0
	S-247	eLoran reference stations	ENG	1.0.0
Comms.	S-230	Application Specific Message (ASM)	ENAV	Planned
VTS	S-210	Inter VTS exchange	VTS	Started
	S-211	Port Call Message	IPCDMC	1.0.0
	S-212	VTS digital information service	VTS	0.6.4

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

10.8 Digital@Sea Initiative

Input paper C75-10.8.1 refers.

Minsu Jeon gave a briefing on the D@S initiative that D@S North-America conference was held successfully from 11-12 May 2022 in Tampa, Florida. The conference focused on the broadening application of the maritime information environment that digitalization is creating and the many initiatives.

Further information about the initiative can be found at the consolidated website - <http://digitalatsea.org/>.

The upcoming D@S Conferences;

- D@S Asia-Pacific, 15-16 September 2022 in Seoul, Korea
- D@S International in 2023 in Denmark
- D@S North America in 2023 in Canada

The Council noted the information provided about the Digital@Sea initiative.

11. World-Wide Academy

11.1 Progress report and future actions

Input paper C75-11.1.1 refers.

The Dean of the World-Wide Academy said that as Council members will recall that the IALA World-Wide Academy focusses on facilitating the effective implementation of the IALA standards, recommendations, guidelines and model courses by coastal States through education, training and capacity building thereby underpinning the second strategic goal of IALA.

The Dean stated that the Academy aims to ensure that all coastal States can fulfil the obligations related to Marine Aids to Navigation placed upon them in Chapter V of the SOLAS Convention and that all coastal States can claim conformance with the relevant IALA standards.

The latest Academy Master Plan for the period 2020 – 2024 articulated three simple means or principles by which the aims and goals of the Academy may be achieved:

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.

The COVID-19 pandemic has had a severe impact on the traditional modus-operandi of the Academy since all face-to-face and on-site activities have been forced to cease. However, the demand for the services of the Academy has consistently remained exceptionally strong and all opportunities to conduct online activities have been seized.

The Academy has adapted well to the situation and is now rapidly resuming its physical travel activity in pursue of our strategic goals through its “Enlighten, Educate and Engage” strategy.

The Academy has remained active throughout the first half of 2022 in the promotion of the SOLAS requirements related to both AtoN and VTS and the benefits of implementing the IALA standards.

Contact has remained strong with sister organisations, particularly those part of the ‘UN Delivering as One’ partnership. The Academy has continued to be represented at various Regional Hydrographic Commissions which have been conducted online.

Participation in the meetings of several regional hydrographic commissions, and liaising with other participants, has led to new planned technical visits, which hopefully can take place in the latter half of 2022 and first part of 2023.

The update of the Level 1.1 Marine Aids to Navigation Manager course is completed, which is supported by a new set of lecture materials, activities and comprehensive supporting textbooks. The course is now less reliant on testing the memory of a student and more focussed on knowledge, understanding and the use of the IALA technical publications.

Other courses within the Level 1 series have also benefited from significant development. The popular Level 1.3 course on the use of the Risk Management Tools has been completely reconfigured for distance learning.

Regretfully, apart from Level 1.1 courses held in the United Kingdom, no other Accredited Training Organizations (ATOs) have delivered training during the first half of 2022, due to COVID-19 restrictions. Liaison with the global network of ATOs has been maintained in an effort to update all organisations with the latest developments within the Academy and also to gain information on their plans for 2022. It is hoped that the majority of ATOs will be able to resume operations during second half 2022. The Academy has received information that France, Suriname and Morocco, the Pacific Community (SPC) and perhaps India contemplate delivery of the Aids to Navigation Manager course before the end of the year.

Close contact has been kept with relevant stakeholders in an effort to strengthen our long-term relationships with coastal States in need of capacity building and technical assistance.

In the first half of 2022, only one face to face technical needs assessment visit has been conducted. This was a visit to Cape Verde, where the Academy provided advice on how to strengthen further the adequateness and effectiveness of their system for delivering marine AtoN services. The team delivered their findings directly to the responsible minister and received excellent response, indicating that the guidance provided will indeed be actioned.

A risk analysis of the current situation relating to a planned visit to the Democratic Republic of Congo (DRC) resulted in a decision to not conduct the visit at this time. Instead, it was decided to sponsor a small delegation from DRC to attend a preparatory workshop at IALA headquarters. This turned out to be successful, since several uncertainties could be resolved, and a carefully planned technical visit is now scheduled to take place later in the year.

The World-Wide Academy board has not met since the last council meeting, but the Academy continues to develop under the leadership of the Board, chaired by Professor Gug.

The Academy would not exist were it not for generous sponsorship both in direct and indirect funding from several nations and organizations and the superb and unstinting support from the four IALA Committees. All primary sponsors have stood by the Academy, and we thank them for that. The never-ending work on seeking further funding for the Academy continues and all IALA members are urged to keep an eye on all sponsoring opportunities in their country or region.

The Council noted the Academy progress report.

The representative of Singapore commended the continued efforts of the World-Wide Academy and the IALA Secretariat in ensuring the continued delivery of capacity-building initiatives as the COVID-19 situation improves. Singapore expressed strong support for the World-Wide Academy efforts. Under the IALA-MPA Memorandum of Understanding signed in 2018, Singapore committed S\$1,000,000 over a period of 5 years to support the capacity building and human resource development of IALA's National Members. While the pandemic has prevented Singapore from holding IALA programmes last year, they were pleased to be in discussion with IALA to explore possible activities for the second half of 2022, including a workshop on VTS and e-navigation.

Like the World-Wide Academy, Singapore has resumed the delivery of face-to-face training for the international community. This year, the MPA Academy has conducted in-person courses, such as the recently concluded inaugural Maritime Transformation & Innovation Programme held in April 2022 during Singapore Maritime Week. The programme welcomed 20 maritime leaders from 15 countries and IMO. The representative of Singapore reflected the country's strong commitment to capacity building, and highlighted that Singapore would continue to do its part to support fellow National Members in this regard.

11.2 Academy Risk Register

Input paper C75-11.2.1 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 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.

12. INTERNATIONAL

12.1 RTCM

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

12.1.1 Liaison note to RTCM SC104 on R-Mode messages

Input paper C75-12.1.1 refers.

This liaison is a reply to the previous liaison from RTCM on R-Mode messages. With this liaison, IALA invites RTCM for a collaboration between the IALA ENG Committee and the RTCM Special Committee 104 on the further development of the RTCM version 2.3 to integrate the proposed R-Mode navigation message as an amendment.

The councillor from China raised a point that the liaison should be more comprehensive and volunteered to re-draft the document and share it with the council for the silent approval procedure. When the secretariat receives the document, it will be discussed with the chairs of the committee.

Action item 2

The Councillor for China to re-draft the liaison note on R-Mode messages to RTCM and forward it to the Secretariat.

Action item 3

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

12.2 IMO

Committees finalised five documents to IMO NCSR 9, and because of the deadline of the meeting in April 2022, the secretariat sent them through the email approval procedure as G/C/Council/22-046 and G/C/Council/22-050. The documents were submitted to NCSR 9 as follows;

- C75-12.2.1 Report of the trial on digital voice communication in maritime VHF band (NCSR 9/INF.12)
- C75-12.2.2 VDES Ranging mode R-Mode (NCSR 9/INF.13)
- C75-12.2.3 Proposal on WRC-23 agenda item 10 (NCSR 9/12/9)
- C75-12.2.4 IALA's contribution to the development of the description of the maritime services (NCSR 9/7/2)
- C75-12.2.5 AIS-ASM in Navigation Equipment

-> NCSR 9/16/4 comments on proposed amendments to Resolution MSC.232(82) by Canada

IMO received the documents, but C75-12.2.5 was rejected by IMO. The given reason is that the proposal was not meeting the scope of output 7.14 on the revision of ECDIS guidance for good practice and amendment to ECDIS performance standards. The cosponsors, Canada, Norway and IALA, had a meeting and decided that Canada submit a commenting paper to NCSR, which is NCSR 9/16/4.

12.2.1 Report of the trial on digital voice communication in maritime VHF band

Input paper C75-12.2.1 refers.

12.2.2 VDES Ranging mode R-Mode

Input paper C75-12.2.2 refers.

12.2.3 Proposal on WRC-23 agenda item 10

Input paper C75-13.2.3 refers.

12.2.4 IALA's contribution to the development of the description of the maritime services

Input paper C75-13.2.4 refers.

12.2.5 AIS-ASM in Navigation Equipment

Input paper C75-13.2.5 refers.

The council noted the information provided.

13 IMC

The IMC representative Simon Brooks reported that, in preparation for the next Industrial Members General Assembly, , it would be appreciated if India could identify companies that would be suitable for the IMC to consider . It was agreed at the last IMC that the Secretary-General take contact to the councillor from India to organize the practical issues.

The council noted the report from the IMC.

14 IALA CONFERENCES, SYMPOSIA AND OTHER EVENTS

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. During the presentation, councillors could see the revised programme which includes the Heritage seminar and the parallel session. Alberto confirmed that the exhibition hall could accommodate 89 standard booths and up to three areas for coffee breaks. He then showed a comparative table with proposed prices for the registration fee and exhibition fee. A few pages of the website were presented as examples. The official website should be launched as soon as possible.

The Secretary-General mentioned that a few non-members have issued abstracts that have been approved by the Steering Committee. He asked the permission to allow access for these persons to the Conference.

The Council noted the information provided and gave the Secretary-General authority to invite the non-members to the Conference.

14.2 Preparation for the General Assembly 2023

The Secretary General mentioned that the General Assembly shall generally be convened every four years and shall, where possible be convened during the same period and at the same location as a Conference, but in any case,

must be held no earlier than June of the General Assembly year. The 14th General Assembly is planned to be held in Rio de Janeiro on 3 June 2023.

All members are entitled to attend the General Assembly and are responsible for their own travelling and accommodation expenses should they choose to attend. The Secretary-General is authorized to invite, on behalf of the Council, any expert or any representatives of a non-member government or of an organization to participate as an observer at the General Assembly.

The General Assembly is to be prepared and organized by the Secretary-General using the resources of the Secretariat and those other resources as agreed in writing with the National member hosting the General Assembly.

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 next two months. The Secretariat will also invite nominees to the Council election.

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.

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

The election at the Conference in Korea was made manually and took unacceptably long time compared to the time available for the General Assembly. It is therefore necessary to find an on-line system for the election process. The Secretariat has started this work in cooperation with the host in Brazil.

The Councillor from Korea expressed concerns about an on-line system and asked for a demonstration at the next Council meeting.

Similarly, the representative of Singapore reiterated the importance of ensuring robust cybersecurity standards and ballot secrecy in an on-line system. Singapore explained that, as voting was a matter of high importance and sensitivity, any changes to the process should be deliberated thoroughly. They requested the Secretariat to circulate a proposal on the on-line system for consideration when more details become available.

The Council noted the information.

Action item 4

The Secretariat, in cooperation with the host, to prepare a paper and/or a demonstration of the on-line voting system for C76.

14.3 2025 – 15th Symposium - Singapore

The representative for Singapore stated that Singapore was grateful for the opportunity to host the 15th VTS Symposium and would look forward to welcoming everyone to Singapore in 2025. They would share more details about the VTS symposium and update the Council nearing the event.

The council noted the information provided.

14.4 2027 – 21st Conference - India

India is pleased to host the 21st Conference although the postponement of the date for one year makes the organization slightly more challenging as it will collide with another major event to be celebrated at the same time in India.

The council noted the information provided.

14.5 World Marine Aids to Navigation Day

14.5.1 Event in Bulgaria 2022

At the 73rd session the Council noted the postponement to 2022 of the official celebrations in Bulgaria due to the ongoing COVID-19 pandemic.

The Director-General of Bulgarian Ports Infrastructure Company, following his invitation initially agreed and approved at the C70, has confirmed his willingness to host the celebration of the event physically in Burgas this year. The new event is planned for 1 July 2022 in the newly build International Congress Center, Chernomorie Hall, in Burgas.

The draft programme is as follows:

10:30 – 11:00 – Welcome coffee

11:00 – 12:30 – Conference

12:30 – 13:00 – Exhibition “Lighthouses and other means of navigation support on the Bulgarian Black Sea coast”

13:00 – 13:30 – Other activities / visit to the PlanetUm Science Center

13:30 – Transfer from the Public Access Area of Port of Burgas to St. Anastasia Island

14:00 – 15:00 – Lunch

15:00 – 16:00 – Tour of St. Anastasia Island, visit to St. Anastasia Island Lighthouse/the Museum

16:00 – Transfer from St. Anastasia Island to the Public Access Area of Port of Burgas

16:30 – 17:00 – Visit to the Coastal Center for Vessel Traffic Management and Information Services Burgas

The Council noted the information provided and would consider sending representatives to the event.

14.5.2 ENG proposal on the change of selection process of the Heritage Lighthouse of the Year

Input C75-14.5.2 refers.

The Heritage Lighthouse of Year selection procedure was approved at council 70.

The issues raised by ENG is the short time between the selection of the heritage lighthouse of the year normally in June and the celebration of the World Marine Aids to Navigation Day in July. Another reason is that, for the year 2023, there will be no committee meetings, therefore, it would not be possible to make the selection.

ENG proposed to change the normal selection period from June to December session, so the selected heritage lighthouse of the year could have a 6-month period to prepare adequate celebration.

The committee approved the proposal and started to plan in order for the 2nd half of 2022 session of the ENG committee to select three lighthouses from the nominations and invites Council to make the final selection at C76.

The Council approved the change of the heritage lighthouse of the year selection process and agreed to apply it for the heritage lighthouse of the year 2023.

14.5.3 Heritage lighthouse of the year 2022

30 nominations were received by the ENG committee. The final 3 lighthouses were:

- Cap Spartel Lighthouse, Morocco
- Homigot Lighthouse, Republic of Korea

- Sumburgh Head Lighthouse, Scotland

ENG15 determined to commend Homigot Lighthouse, Republic of Korea, to the IALA Council as IALA Heritage Lighthouse of the Year 2022.

The council approved Homigot Lighthouse, the Republic of Korea, as the Heritage Lighthouse of the Year 2022.

The councillor for Korea expressed his gratitude to the council for this selection and indicated that the World Marine Aids to Navigation day 2022 will be celebrated at the national lighthouse museum in Korea near the Homigot lighthouse in commemoration of the 4th anniversary of Incheon Declaration in 2018.

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 C75-15.1 refers.

The Council approved National membership for:

- **Slovenia Maritime Administration**
- **The Liberian Maritime Authority** (*late submission*)

The Council approved Industrial membership for:

- **DS Servicios Integrales Limitada**, *Chile*
- **Oynetec (Pty) Ltd**, *South Africa*
- **Pinturas Luarca, SL**, *Spain*

The Council approved Associate membership for:

- **Comisión Administradora del Río de la Plata**, *Argentina*
- **Instituto Marítimo Portuário**, *Cabo Verde*
- **National Technology Center for Ports Waterways and Coasts**, *India*
- **AWS Service**, *Brazil* (*late submission*)

The application of the following Industrial members is postponed until a fast review process is completed by the respective National members:

- **Qingdao Geesatcom Technology Co., Ltd.**, *People's Republic of China*
- **Nsonesoft Co., Ltd**, *Republic of Korea*

15.2 Resignations and changes in membership

Input paper C75-15.2 refers.

The Council noted the resignations from Industrial membership of:

- **Indianic Group Ltd**, *Australia*
- **Navico Norway AS**, *Norway*
- **L3Harris Technologies Inc.**, *the United States of America*

The Council noted the resignations from Associate membership of:

- CONAPRA, *Brazil*
- Instituto Costarricense de Puerto del Pacifico, *Costa Rica*

15.3 Terminations and suspensions of membership

Input paper C75-15.3 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:

- **PRODAR, *the United States of America***

Waive the contribution due for the year 2019 for the following suspended National members:

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

Approve the suspension of industrial membership for:

- **Shandong Buoy & Pipe Industry Co. Ltd., *People's Republic of China***
- **Chaohu Qunli Marine Anchor Chain Co Ltd., *People's Republic of China***
- **Qingdao Hotech Automated, *People's Republic of China***
- **Pesona Global Teknologi, PT; *Indonesia***
- **Harmoz Berkeh, Ertebat Electronic Gil; *Iran***
- **Navalec S.A de CV, *Mexico***
- **AD Engineering Limited, *Papua New Guinea***
- **Maximum Protective Service Intl N.V, *Suriname*****Prodar, *The United States of America***

Approve the suspension of Associate membership for:

- **Electronics and Telecommunication Research Institute, *Republic of Korea***
- **Marine Transport Institute, *Democratic people's Republic of Korea***

16 COMMUNICATION

16.1 Update on communications

Communication officer Audrey Guinault reported that since the last council session, 3 webinars were held on the introduction to the new IMO Resolution A1158(32) Guidelines for VTS in English, Spanish and French. This was quite a success with many people following the event on the day and watching online on IALA YouTube channel. There also was a webinar on the new guideline G1165 and its supplements. The webinar introduced key aspects together with the first of several regional supplementary guides. AtoN professionals from around the world also presented best practice examples.

The annual report was ready and would be released shortly. It would be made available online in a digital format.

The next issue of the e-Bulletin which was planned for June was nearly ready. The communication officer reminded councillors that it was always appreciated to receive articles about news or developments that they may wish to share with the membership and the maritime community.

The World Marine Aids to Navigation Day main event was to be held in Bulgaria therefore the promotion would be launched accordingly. It would also be appreciated if members could participate in the usual sharing of photos on social media to raise awareness about Marine AtoN and the work of IALA.

To conclude, the communication officer added that IALA communication policy was in the process of being slightly reviewed to integrated better project-based communication planning which would increase the efficiency and assessment of IALA's communication.

The Council noted the information provided.

17 ANY OTHER BUSINESS

Input papers C75-17, C75-17.1 and 75-17.2.1 refer.

It was agreed under point 3 to discuss the crisis in Ukraine under point 17.

The Secretary-General gave an orientation about the action taken by the Secretariat:

Immediately after the Russian invasion of Ukraine he wrote a letter to our National member of Ukraine, the State Hydrographic Service of Ukraine (SHSU), expressing our sympathies with the SHSU staff, their families, and the people of Ukraine. SHSU acknowledged receipt of this letter on 11 March 2022.

Shortly after he issued a message to the Committee Chairs and a few members who asked, covering the policy regarding participation in future meetings. This was of course cleared with the President and Vice President.

In summary, it was stated that IALA is secular and non-political and that IALA will of course follow French and international rules related to specific countries, but as a main rule, IALA welcomes members to technical meetings and activities as normal. Members are of course expected to follow the rules in their country of origin, and IALA normally do not interfere with this.

On 29 April 2022, SHSU issued a request for assistance to IALA with a list of urgent needs and a request for financial help with the annual membership contribution.

As requested, the annual membership fee for 2022 for SHSU has been waived.

SHSU also requested two IWRAP licenses and after negotiation with the software development company this was made possible for a two-year period.

The request from SHSU was coordinated with IHO and distributed to the members by email.

On 10 May 2022, IALA received a letter from the State Service for Maritime and River Transport of Ukraine with a request to deprive the membership and to ban the participants from the Russian Federation.

The letter was answered on 19 May 2022 in very general terms.

As paper 17.2.1 Council could find a proposal to establish a #Disaster Recovery Fund#. There is no internationally agreed definition of a disaster, but a disaster is an unwanted incident with a severe impact such as injuries, loss of lives, assets, or disruption of service.

The Secretariat has put in place operational procedures on what to do in the event of a disaster, elaborating on what to consider, and which actions could be taken towards members and others who may be affected, but we do not have any dedicated funds for the purpose of assisting members fast to recover from disasters, and therefore the actions taken in the past have typically been an expression of sympathy and solidarity and offering some assistance where and when possible.

In the case of Ukraine, the actions taken by the secretariat have been a bit more substantial as previously explained, and many members are considering how they can accommodate the request for assistance issued by our member in Ukraine.

The Ukrainian situation has given inspiration to the idea of establishing a "Disaster Recovery Fund" which would be available for the Secretariat to take both short- and longer-term actions, and which could help those struck by disaster to recover as quickly and efficiently as possible in the Maritime field.

The fund should of course be entirely funded by sponsors and be placed within the World-Wide Academy. This would ensure that the fund is kept completely independent of the core budget of the association.

Australia (AMSA) had informed the Secretariat that they have decided to provide a sponsorship of AUS\$ 50.000 to the fund, aimed at assisting Ukraine to recover from its current situation. This would enable IALA to take an active role in assisting Ukraine as much as possible.

There is an opportunity for other members follow the example of Australia and provide financial support to Ukraine through the fund.

The Councillor for Malaysia expressed his support to the creation of the fund but he requested that a more detailed description and application of the fund should be provided. He was supported by the councillors for Japan and Germany. The Secretary-General suggested that the Secretariat provide help to Ukraine fast with the resources available and develop the Terms of Reference for future use.

The Council noted the information and agreed on the proposed way ahead.

Action item 5

The Secretariat to consider, with the WWA Board, how the National member of Ukraine could be best assisted and start the development of appropriate Terms of Reference for consideration by the LAP and C76.

On Wednesday 1 June, Hon. Lenn Eugene Nagbe High Commissioner of the Liberian Maritime Authority participated as an observer during the morning session and Mr Jesper Elsborg Bonde, Director Business Innovation, Performance Services, Marine Power & Managing Director, Wärtsilä Denmark A/S gave a presentation in the afternoon session.

18 DATES AND PLACES FOR NEXT MEETINGS

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

- Session 76: 12-16 December 2022 (week 50), Rio de Janeiro, Brazil
- 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 THE COUNCIL	Note
5.	REPORT OF THE 74th SESSION	
5.1	Matters arising from the session	Note
6.	REPORT BY THE SECRETARY-GENERAL	Note
6.1	Report from the Secretary-General	
7.	NATIONAL MATTERS	Note
8.	STRATEGY AND POLICY	
8.1	Current Drivers and Trends	
8.1.1	Report from the Strategy Group	Note
8.1.2	Current Drivers and Trends Ed3.0	Approve
8.2	Policy Advisory Panel	
8.2.1	Report of PAP44	
8.2.2	Report of PAP45	Note
8.2.3	Report of PAP46	Note
8.3	Change of status	
8.3.1	Status on signatures and ratifications	
8.3.2	Planning for the transition period	Note
8.3.3	Use of the General Regulations Mutatis Mutandis	Note

ITEM		ACTION REQUESTED
8.3.4	Draft letters to members regarding change of status	Note
8.3.5	Drafting of the new General Regulations	Approve
8.3.6	Information on the HQ agreement	Note/advise
8.3.7	Information on the future Staff rules	Note
9. FINANCE AND AUDIT COMMITTEE REPORT		
9.1	2021 Audited financial statements	Approve/Note
9.2	Budget monitoring statement as of 30th April 2022	Note
9.3	Revised budget for 2022	Approve
9.4	Membership situation status	Approve/Note
10. TECHNICAL ACTIVITIES		
10.1 Legal Advisory Panel		
10.1.1	Report of LAP23	Note
10.1.2	Basic Documents	Approve
10.1.3	IALA Risk Register	Note
10.2 Committee work organisation		
10.2.1	1st half 2022 Committee work summary	Note
10.2.2	Revised Committee work programme 2018-2023	Approve
10.2.3	Committee meetings and events dates for 2/2 2022	Note
10.3 ARM		
10.3.1	ARM15 summary report	Note
10.3.2	Draft Recommendation on MRN	Approve
10.3.3	Revised G1018 Risk Management	Approve
10.3.4	Revised G1123 The use of IWRAP	Approve
10.3.5	Revised G1124 The Use of PAWSA MKII	Approve
10.3.6	Revised G1058 The Use of Simulation as a Tool for Waterway Design and AtoN Planning	Approve
10.3.7	Revised R1001 The IALA MBS	Note
10.4 ENG		
10.4.1	ENG15 summary report	Note
10.4.2	Revised R0204 Marine Signal Lights-Determination and Calculation of Effective Intensity	Approve
10.4.3	Revised R0141 Training and Certification of Marine Aids to Navigation Personnel	Approve
10.4.4	Revised G1135 on Determination and calculation of effective intensity	Approve
10.4.5	Revised G1127 on Systems and Services for High-accuracy Positioning and Ranging	Approve
10.4.6	Revised G1129 on retransmission of SBAS corrections	Approve
10.4.7	Draft Guideline on the use of ERPS	Approve
10.4.8	Draft Guideline on Quality Control for 3rd Party AtoN Service Providers	Approve
10.4.9	Draft Guideline Training and Certification of Marine Aids to Navigation Personnel	Approve

ITEM		ACTION REQUESTED
10.4.10 Draft Guideline on solar modules for a marine environment		Approve
10.5 VTS		
10.5.1 VTS52 summary report		Note
10.5.2 Revised R0119 Establishment of a VTS		Approve
10.5.3 Revised G1150 Establishing Planning and implementing a VTS		Approve
10.5.4 draft Guideline on Human Factors and Ergonomics in VTS		Approve
10.6 ENAV		
10.6.1 ENAV29 summary report		Note
10.6.2 Workshop proposal on Digital Maritime Communication infrastructure		Approve
10.7 S-200 development		
10.7.1 Committees work on S-200		Note
10.8 Digital@Sea		
10.8.1 Digital@Sea conferences		Note
11. WORLD-WIDE ACADEMY		
11.1 Progress report and future actions		
11.1.1 Report from the Dean		Note
11.2 WWA Risk Register		
11.2.1 WWA Risk Register		Note
12. INTERNATIONAL		
12.1 RTCM		
12.1.1 Liaison note to RTCM SC104 on R-Mode messages		Approve
12.2 IMO		
12.2.1 Information paper to NCSR 9 on Report of the trial on digital voice communication in maritime VHF band		Note
12.2.2 Information paper to NCSR 9 on VDES Ranging mode (R-Mode)		Note
12.2.3 Input paper to NCSR 9 on Proposal on WRC-23 agenda item 10		Note
12.2.4 Input paper to NCSR 9 on IALA's contribution to the development of the description of the maritime services		Note
12.2.5 Input paper to NCSR 9 on visualization of AIS AtoN ASM on shipborne navigation displays		Note
		Note
13. IMC		
13.1 Report from the IMC representative		Note
14. CONFERENCES, SYMPOSIA, AND OTHER EVENTS		
14.1 2023 – 20th Conference – Brazil		Note
14.2 Preparation for the General Assembly 2023		Note
14.3 2025 – 15th Symposium - Singapore		Note

ITEM		ACTION REQUESTED
14.4	2027 – 21st Conference – India	Note
14.5	World Marine Aids to Navigation Day	
14.5.1	Event in Bulgaria 2022	Note
14.5.2	ENG proposal on the change of selection process of the Heritage Lighthouse of the Year	Approve
14.5.3	Heritage lighthouse of the year 2022	Approve
15.	MEMBERSHIP	Approve
15.1	Applications for Membership	Note
15.2	Resignations and changes in Membership	Decide
15.3	Terminations and suspensions of Membership	
16.	COMMUNICATION	
16.1	Updated on communication matters	Note
17.	ANY OTHER BUSINESS	
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 small working group to draft a new document and then circulate the document before the next Strategy Group meeting on Monday 12 December 2022 in Rio de Janeiro, Brazil.

Action item 2

The Councillor for China to re-draft the liaison note on R-Mode messages to RTCM and forward it to the Secretariat.

Action item 3

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

Action item 4

The Secretariat, in cooperation with the host, to prepare a paper and/or a demonstration of the on-line voting system for C76.

Action item 5

The Secretariat to consider, with the WWA Board, how the National member of Ukraine could be best assisted and start the development of appropriate Terms of Reference for consideration by the LAP and C76.

ANNEX D – RECORD OF DECISIONS OF THE 75th SESSION OF THE IALA COUNCIL

The Council approved the two letters to the members regarding the change of status.

The Council noted the 2021 Audited Financial Statements and approved the allocation of €150,000 to the Reserve for associative project.

The Council approved the revised budget for 2022.

The Council noted the membership situation status and approved the membership contributions rates for 2023 as follows:

- National members: €18,200
- Industrial members: €6,350
- Associate members: €3,070

The Council approved the Basic Documents Ed6.0.

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

The Council approved the new Recommendation on Maritime Resource Names Ed1.0.

The Council approved the revised Guideline G1018 on Risk management, Ed4.0.

The Council approved the revised G1123 on the use of the IALA Waterway Risk Assessment Programme (IWRAP), Ed 2.0

The Council approved Revised G1124 on Ports and waterways safety assessment (PAWSA MK II), Ed2.0

The Council approved Revised G1058 on The use of simulation as a tool for waterway design and AtoN planning, Ed3.0.

The Council revoked G1097 on Technical Features and Technology Relevant for Simulation of AtoN, Ed1.0.

The Council approved revised R0204 Marine signal lights – Determination and calculation of effective intensity, Ed3.0.

The Council approved revised R0141 on Training and certification of marine Aids to Navigation personnel, Ed 5.0

The Council approved revised G1135 on Determination and calculation of effective intensity, Ed 3.0.

The Council approved revised G1127 on Systems and services for high accuracy positioning and ranging, Ed2.0

The Council approved Revised Guideline G1129 on the retransmission of SBAS corrections using MF-radio beacon and AIS, Ed 2.0

The Council approved new Guideline on The use of enhanced radar positioning systems, Ed1.0

The Council approved new Guideline on Quality control of third-party AtoN service providers, Ed1.0

The Council approved New Guideline on Training and certification of marine Aids to Navigation personnel, Ed1.0

The Council approved New Guideline on Solar modules for a marine environment, Ed1.0.

The Council approved Revised R0119 on Establishment of a VTS, Ed4.2

The Council approved Revised Guideline G1150 on Establishing planning and implementing a VTS, Ed3.0

The Council approved new Guideline on Human factors and ergonomics in VTS, Ed1.0

The Council approved the IALA workshop on Digital Maritime Communication infrastructure in Japan in 2023.

The council approved the change of the heritage lighthouse of the year selection process and agreed to apply it for the heritage lighthouse of the year 2023.

The council approved Homigot Lighthouse, Republic of Korea as the Heritage Lighthouse of Year 2022.

The Council approved National membership for:

- **Slovenia Maritime Administration**
- **The Liberian Maritime Authority** *(late submission)*

The Council approved Industrial membership for:

- **DS Servicios Integrales Limitada**, *Chile*
- **Oynetec (Pty) Ltd**, *South Africa*
- **Pinturas Luarca, SL**, *Spain*

The Council approved Associate membership for:

- **Comisión Administradora del Río de la Plata**, *Argentina*
- **Instituto Marítimo Portuário**, *Cabo Verde*
- **National Technology Center for Ports Waterways and Coasts**, *India*
- **AWS Service**, *Brazil* *(late submission)*

The Council decided to:

Terminate industrial membership for:

- **PRODAR**, *the United States of America*

Waive the contribution due for the year 2019 for the following suspended National members:

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

Approve the suspension of industrial membership for:

- **Shandong Buoy & Pipe Industry Co. Ltd.**, *People's Republic of China*
- **Chaohu Qunli Marine Anchor Chain Co Ltd.**, *People's Republic of China*
- **Qingdao Hotech Automated**, *People's Republic of China*
- **Pesona Global Teknologi, PT**; *Indonesia*
- **Harmoz Berkeh, Ertebat Electronic Gil**; *Iran*
- **Navalec S.A de CV**, *Mexico*
- **AD Engineering Limited**, *Papua New Guinea*
- **Maximum Protective Service Intl N.V.**, *Suriname***Prodar**, *The United States of America*

Approve the suspension of Associate membership for:

- **Electronics and Telecommunication Research Institute**, *Republic of Korea*
- **Marine Transport Institute**, *Democratic people's Republic of Korea*



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