



REPORT OF THE 79TH SESSION OF THE IALA COUNCIL

11 – 14 December 2023, IALA Headquarters, France



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OPENING

The 79th session of the council meeting was held from 11 to 14 December 2023 at the IALA Headquarters in France and by video conference.

1. PRESIDENT'S OPENING REMARKS

On this 79th session of the IALA council meeting, Marcos Almeida, President of IALA was happy to welcome all participants to this meeting at the Headquarters of the Association in France as it was several years since the Council could take place in Saint-Germain-en-Laye. He welcomed councillors, observers and new attendees.

2. APOLOGIES FOR ABSENCE

There were three apologies received for this session. Simon Brooks for the IMG, Maarten Berrevoets for the Netherlands and Javier Martin Santo Domingo for Spain.

A list of participants is at Annex B.

3. APPROVAL OF THE AGENDA

Input paper C79-3.1 refers.

The agenda was approved and can be found at Annex A.

4. VACANT POSITION WITHIN COUNCIL

There was no vacant position within the Council.

5. REPORT OF THE 78th SESSION

5.1 Matters arising from the session

Communication officer Audrey Guinault reported that there were no action items from the last council meeting, however, there were 2 actions noted at the General Assembly in Rio, from Japan and Russia, and these were planned for discussion during this meeting under agenda point 10.1.2 and 17.2.1.

The Council noted the report.

6. REPORT BY THE SECRETARY-GENERAL

The Secretary-General, Francis Zachariae, referred to input paper C79-6.1 with the detailed report. He mentioned the Conference and General Assembly conducted in Rio de Janeiro from 29 June to 3 July 2023. Both were very successful thanks to the generous and dedicated work of the Brazilian Navy. With a record high number of participants and exhibitors the Conference produced useful conclusions for the future work of the association.

The membership of IALA and the interest in the committee work are very satisfying.

The first committee and panel meetings of the new work period showed again that face-to-face meetings remain IALA's preferred mode of operation. The meetings were very successful with many participants in the HQ and also some participating on-line.

MASS remains an area of interest and concern. A well attended workshop hosted in IALA in October gave good guidance on the future scenarios for the development of autonomous ships. This work will be an input to the MASS task force established by the Council.



The Convention on the International Organization for Marine Aids to Navigation and the transition to an International Organization progress well and 25 States have ratified, approved, accepted, or acceded to the Convention and it is expected that more States will follow soon.

The Conference on the General Regulations and Financial Regulations was held in Tokyo 7-11 November 2023 by the kind invitation of Japan Coast Guard. The Conference was very successful with participation from 38 countries. The Conference managed to agree on a draft text that can be presented to the first General Assembly of the IGO when established.

The Council noted the Secretary-General's report.

7. NATIONAL MATTERS

Input papers from C79-7.1 to C79-7.4 can be found on the website. Councillors gave reports on national matters as follows:

Australia reported that it had recently signed a contract for a new vessel that would be used for emergency towage and supporting AtoN maintenance in the Great Barrier Reef. It was also undertaking procurement for its outsourced maintenance service when the current contract ends in mid-2024. Major construction management and maintenance planning would remain in-house. Australia looked forward to welcoming the engineering committee and other members to Sydney in October 2024 for their workshop and meeting. In addition to interesting speakers at the workshop, Australia would be offering technical visits including to a traditional lighthouse and to Sealife in Melbourne.

Chile reported that there was good progress on the ratification process. They added they were developing, in cooperation with IALA, a course on Risk Assessment Tools, particularly SIRA and IWRAP, which will be held in person, presumably during May 2024 and will be aimed mainly at Spanish-speaking countries and will also be delivered in English.

Denmark brought to the attention of councillors that they were organizing the Digital@Sea event in Copenhagen from 30 to 31 January and encouraged participation.

France reported that they were launching floating windmills, which was a new process and represented some challenges, therefore if other councillors had some experience to share on this topic it would be very valuable. France also wished to express its gratitude to Councillors who participated or sent representatives for the bicentenary of the Fresnel lens celebrations.

China reported that they completed the domestic procedures for joining the Convention on the International Organization for Marine Aids to Navigation.

Germany reported that they had a new working structure. The two Marine AtoN divisions working with regional responsibility (marine and inland waterways) are no longer in place. The new structure foresees two divisions working on topics like VTS, AIS for both regions. They also reported constant effort to improve cybersecurity as tentative attacks are still regular. Germany started a tender for the renewal of the VTS Centers at the German coast. In October, a storm causes a couple of damages to AtoN infrastructure at the German Baltic Sea Coast.

Italy reported that they also work a lot on cybersecurity to mitigate risks of regular attacks. The councillor confirmed that Italy was planning to host the WAtON Day and a workshop on Competent Authority in 2024. They also reported that they are working on the ratification of the Convention.

Ireland reported that sustainability was now an important component of their developments plan. Training and upgrading standards for local Aids to Navigation were also a main development. It was mentioned that they use social media for reporting weather information from buoys. USA, Singapore, and Malaysia reported that they use either similar technology or smart buoys communication.

Japan reported that historical documents relating to the production of Fresnel lens were discovered at a former JCG lens factory (present JCG Test and Research Center). The Center organized the public display of documents and related equipment.

Malaysia hosted a VTS training a few weeks ago, in cooperation with JANA. Malaysia Marine Department is now a competent authority for VTS. Usage of 'Smart Buoys' in Malaysian waters will enhance the Marine Electronic Highway (MEH) capabilities in the Straits of Melaka. This project is part of the e-Navigation implementation for Malaysia.

Norway reported that they were also developing the use of floating windmills and were facing some challenges just like France. Digitalization was in constant progress and the use of smart buoys was primarily used to verify wave forecast models. A comprehensive Maritime Safety Analysis was just being completed, and the reports were available for interested parties. The offer was made to share Norway's experience of operating a Hybrid Powered Buoy tender.

Singapore indicated that they were working with IALA Secretariat on the preparation for the General Assembly of the new IGO to be potentially held in 2024. They also updated on the development of the new VTIS system.

Sweden indicated that they also developed windmills farms at sea and that they were facing some challenges with the ice conditions.

Türkiye reported that they hosted Risk management training earlier this month and that they hoped that the ratification process would be completed by the time they host the council meeting in June.

USA indicated that the progress on the IGO was going well. They were currently in a buoy tender process. They were also conducting an environmental assessment of AtoN. Ireland commented that they were doing the same process and expected some raising costs to adapt. The possibility to discuss the matter in the committees was raised.

UK reported that they were taking measures to reduce the environmental impact as well. They reported having put in place a Sustainability working group which is a collaborative initiative between Northern Lighthouse Board, Trinity House and Irish Lights. It was also highlighted that NLB has placed an order for a Hybrid Powered Buoy Tender to be delivered mid 2025 which will incorporate green technology and would be happy to share their experience.

Brazil reported that that progress on the ratification of the Convention was well underway.

Canada stated that they were interested in participating in the ongoing discussions around Sustainability and environmental protection.

India reported that they recently hosted a Level 1 course in Kolkata. They reported that they would be opening 75 lighthouse for tourism. They also indicated that they would be undergoing an IMO audit in 2024 and were therefore preparing for that.

The national matter reports were noted.

8. STRATEGY AND POLICY

8.1 Strategic Vision and Current Drivers and Trends

The Secretary-General gave an update about the Strategic Vision. He reminded councillors that the Strategy Drafting Group produced a document that was presented and approved by the Council in December 2022. It was then approved at the General Assembly. The goals stated in the Strategic Vision are constantly used for IALA's presentations to explain IALA's mission of harmonizing Marine Aids to Navigation.

The Drivers and Trends document is part of the strategy as well, but it can be reviewed more regularly. It will be the work of the PAP to update this document as necessary.

The Council noted the update on the Strategic Vision and the Drivers and Trends.

8.2 Policy Advisory Panel

8.2.1 Report of PAP50 & 51

Input paper C79-8.2.1 refers.

Omar Frits Eriksson, Deputy Secretary-General reported that since the last council meeting, the Policy Advisory Panel had met two times.

PAP50 was a standard meeting held physically in September 2023 at the IALA Headquarters.

Key outcomes included an agreement that a database is needed to manage the numerous tasks of the committees, a discussion on the new Terms of Reference for committees and subsidiary bodies of the new IGO and an in-depth discussion on the new work programme for the committees.

An input paper addressing cooperation with a working group within ICAO dealing with the marking of sea-plane operational areas was discussed and the Panel was informed on various matters, such as the involvement of IALA on the review of the STCW code, S-200 developments, the usage of the Maritime Resource Name and the progress of reviewing and amalgamating the IALA AIS suite of documents.

PAP51 was held virtually in November, following the successful committee season in the latter part of the year. Feedback from a survey of committee participants was reviewed, which led to a discussion on possible improvements to headquarter facilities supporting the work of the committees. The committee work programme was discussed again and coordination across the committees took place. The results of the recently held MASS workshop were discussed and the panel members welcomed the findings, recognizing the importance of being well-prepared for a future with an increasing number of autonomous ships.

The Deputy Secretary-General said, that in his opinion, the Policy Advisory Panel is working well, and that cross committee coordination has never been better, particularly since the frequency of meetings has been increased a bit with online meetings.

In conclusion he thanked each and every member of the panel for their participation and excellent contributions to the work of the association.

The Council noted the two reports.

8.3 Change of status

Input paper C79-8.3.1 refer.

8.3.1 Status on signatures and ratifications

The Secretary-General briefed the councillors about the advancement of the Convention's ratifications, acceptance, approval, or accessions and reported that 25 states have completed the process.

The Council noted the information.

8.3.2 Status on the transition arrangements

Input paper C79-8.3.2 refer.

The Secretary-General gave the council a detailed presentation of the period between the entry into force of the Convention and the first General Assembly of the IGO, which is called the transition period. He described the timelines for the important decisions to be taken by the present Council and the transition Council, the use of the General Regulations mutatis mutandis, the development of new General Regulations and Financial Regulations and the development of new Staff Rules.

He asked the Council to approve the draft Staff Rules in principle as a basis for development of the new budget, the transfer of the Transition Secretariat and other financial aspects during the transition period and for the new IGO.

The final draft Staff Rules will be further developed by the Secretariat and the FAC and presented for approval to the Transition Council later.

The details are covered in the input papers, as well as annex E.

The Council noted the information and agreed to approve the draft Staff Rules in principle as a basis for development of a budget and the plan for transfer of the transition Secretariat to the IGO.

The councillors for Ireland, Germany, Japan, Singapore, Australia, Malaysia and UK commented on the draft Staff Rules and asked to clarify whether comments can still be submitted and whether further clarification can be made, in particular regarding the internal tax.

The Secretary-General answered that of course the draft can be amended until it is approved by the transition council. The purpose of presenting the document at this council was to get the council approval to use this as a basis for further planning of the budget and other arrangements.

Action item 1

The Secretariat to clarify the details of the internal tax and its use and a more precise future budget, mainly in terms of staff cost, for the IGO. Councillors are invited to forward comments on the Staff Rules to the Secretariat by the end of January 2024. The Secretary-General to consider an extraordinary online council meeting before Council80.

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 C79-9.1 and Annex C79-9.1.1 refer.

Total operating income as of 31 October 2023 is 2,6 million euros out of 2,9 million euros budgeted (87%). The settlement rate for membership contributions is 88% for the year 2023 and 81% for contributions in arrears.

Total operating expenses as of 31 October 2023 account for 2,2 million euros out of 3,1 million euros budgeted (71%). In 2023, the budget was mainly impacted by the organisation of a full Committee session in the fall, the 20th IALA Conference in Brazil and the Conference on the General Regulations in Tokyo.

If the result turns out to be negative, as indicated in the budget forecast for 2023, it will be absorbed by the dedicated reserve for Associated project, which has been anticipated in the balance sheet in previous years.

The Council noted the projected result and budget monitoring statement.

9.2 Budget for 2024

Input paper C79-9.2 and Annex C79-9.2.1 refer.

The income budget for 2024 amounts to K€3,219 and total expenditure budget is K€3,170. 58% of the expenditure budget is devoted to staff cost, 40% to running expenses and 2% to small investments. The final result of the 2024 budget is expected to be positive.

If the Convention on the International Organization for Marine Aids to Navigation enters into force in 2024, a separated transition budget will be drawn up to include all costs associated with the winding up of the Association.

The Council approved the budget for 2024.

9.3 Outline budget 2025-2027

Input paper C79-9.3.1 refers.

Given the uncertainties associated with the change of status, and the difficulty of predicting a precise date for the transition to an IGO, the budget is made for IALA as a Non-Governmental Organization operating under French law.

It takes into account the next Symposium scheduled in 2025 in Singapore and the 21st IALA Conference planned in India in 2027. A 3% increase is applied to all membership contributions from 2024.

If the IALA Convention enters into force in 2024 or later, a new three-year budget will be established and submitted for approval to the first General Assembly of the IGO and will be based on the Headquarters agreement signed with the French Republic and the new Staff Rules.

The Council noted the outline budget 2025-2027.

9.4 Membership situation status

Input paper C79-9.4 and C79-9.4.1 refer.

As of 15 November 2023, IALA welcomed in total 28 new members: twenty Industrial, five Associates and three new National members: Albania, The Republic of Maldives and Cambodia. The total number of members reached 350 in November 2023 (+4% compared with last year).

The following actions have been taken:

- The waiver of the 2021 contribution was granted to the Industrial member, **CNS Systems AB**, from Sweden
- A free membership has been granted to the new National member from **Cambodia** for the year 2023.

Due to non-payment of their contributions, eight Industrial members and two Associate members are in a position to be removed from IALA membership list. They were suspended by Council 77 and still have not paid their contributions.

The Council noted the membership situation status.

9.5 Draft financial situation and budget of IALA as an IGO

Input paper C79-9.5 and C79-9.5.1 refer.

A first provisional budget of IALA as an IGO was presented with explanations of possible savings (VAT exemption, reduced social security charges, internal tax etc..) and new costs.

Contributions and fees have been calculated with a view to balancing the level of expenditure required for the smooth running of the new IGO. Thanks to the expected savings, the level of dues should be nearly the same level as today, with an anticipated 3% increase in membership and a conservative collection rate of 75%. Adjustments may be necessary in line with possible new recruitments and requirements to support IALA's development.

The Organization's cash reserves accumulated over the last few years will be used to meet anticipated or unforeseen expenses linked to the change of status.

The Council noted uncertainties including a possible new office.

The final budget will be approved by the first General Assembly of the IGO for the next 3-year period and will refer to the Headquarters agreement with the French Republic and the Staff Rules.

The Council noted the Draft financial situation and budget of IALA as an IGO.

10. TECHNICAL ACTIVITIES

10.1 Legal Advisory Panel

10.1.1 Report of LAP25

Input paper C79-10.1.1 refers.

The chair of the Legal Advisory Panel, Christina Schneider, reported that LAP25 was held on 11 October 2023 and was a one day meeting. Discussions were focused on the preparation of the Tokyo Conference, but the panel also looked at the draft Terms of Reference for Committees and subsidiary bodies for the IGO and a liaison note from the DTEC Committee. More details can be found in the report.

The Council noted the report of LAP 25.

10.1.2 Note on the comments from Japan at the GA

Input paper C79-10.1.2 refers.

The LAP chair reported that the panel had a discussion on the comment made by Japan at the General Assembly and agreed on some advice for the Council regarding this matter. Countries which have more than one national member would have to coordinate according to their own national practice before they vote. The LAP therefore advised not to follow the Japanese proposal.

The Council noted and agreed to the advice provided by the LAP.

10.1.3 IALA Risk Register

Input paper C79-10.1.3 refers.

The LAP Chair reported that no changes were made to the IALA Risk Register and that an update of the format of the Risk Register was being conducted.

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 Committee work programme 2023-2027

Input paper C79-10.2.1 refers.

In the second half of 2023, following the conference in Brazil, the committees embarked on a new work period, advancing various task items. This period, the committees revised their relevant work items, which had received approval from Council 78.

During the PAP 51 session, all tasks were organized with all of the chairs and systematically numbered. The revised program has been annexed within this document.

The secretariat is in the process of developing an online version of the work program. This digital adaptation could reduce the administrative burden on the work programme updates targeting to finish the work by next Council meeting.

The Council approved the revised Committee work programme for 2023-2027.

10.2.2 Committee meetings and events plan in 2024

Input paper C79-10.2.2 refers.

The IALA calendar for 2024 is set to be quite busy, featuring three major workshops that are already scheduled. Details of the planned workshops for 2024 are as follows:

2nd IALA IHO Workshop on S-100/200: Scheduled from 9-13 September 2024 in the United States, this workshop will focus on the S-100/200 standards.



Aids to Navigation Engineering Workshop: 14-18 October 2024 in Australia, this event will explore the latest in navigation engineering. It is planned to take a place back-to-back with the ENG 19 meeting.

VTS Competent Authority Workshop: Dedicated to Vessel Traffic Services (VTS) Competent Authority, this workshop is tentatively planned for Italy. The final date will be determined and announced subsequently.

Looking further ahead to 2025, another event is the Workshop on Sustainability. Having received council approval, this workshop is poised to take place in Ireland.

Regarding the meeting calendar, the Canadian councillor raised an inquiry about the schedule for the Maritime Connectivity Platform (MCP). In response, the secretariat will compile and provide a detailed input paper on MCP for discussion at the next council meeting. This document will also aim to provide the status of the MCP developments.

The Council noted the Committee meetings and events plan in 2024.

Action item 2

The Secretariat to prepare a paper on the progress of the work of the Maritime Connectivity Platform (MCP) for Council 80.

10.3 ARM

10.3.1 ARM17 summary report

Input paper C79-10.3.1 refers.

The ARM 17 session, under the new leadership of chairs Dave Lewald and Natasha McMahon as appointed by the Council, was conducted. This meeting was held physically from 23 to 27 October, with its online conclusion on 1 November 2023.

During the session, the Committee reviewed a total of 39 input papers, leading to the generation of 13 output papers. Although this session did not culminate in any draft recommendations or guidelines ready for Council approval, it marked the initiation of numerous work items.

The Council noted the summary report of ARM17.

10.4 ENG

10.4.1 ENG17 summary report

Input paper C79-10.4.1 refers.

The 17th meeting of the ENG Committee, chaired by Alwyn Williams and Michel Cousquer, took place from 16 to 27 October 2023.

Key achievements of the meeting included the finalization of documents. One was the draft guideline on Resilient Positioning, Navigation, and Timing (PNT), designated as document C79-10.4.2. This guideline represents a significant step forward in enhancing maritime navigation resilience.

Additionally, the meeting concluded with the commendation of the "IALA Heritage Lighthouse of the Year 2024," detailed in document C-79-14.4.1.

The Council noted the summary report of ENG17.

10.4.2 New draft Guideline on Resilient PNT

Input paper C79-10.4.2 refers.

This document offers essential guidance on recognizing and mitigating vulnerabilities in Positioning, Navigation, and Timing (PNT) systems. These systems are critical for modern maritime operations, including vessels and Marine AtoN, but face risks from interference and common failure modes.

It emphasizes the need for resilient PNT, defined as robust and reliable services achieved by integrating multiple PNT sources. This is especially crucial with the increasing reliance on GNSS for navigation and the rise of autonomous vessels.

Aligned with the e-Navigation strategy, the guideline focuses on the resilience of electronic position fixing systems and outlines the responsibilities of Maritime Authorities under Chapter V of the SOLAS Convention.

The document is structured to help the members to understand PNT system vulnerabilities, their impacts on AtoN services, Vessel Traffic Services (VTS), and users, and explores strategies to enhance PNT resilience and mitigate GNSS failure risks.

The Council approved the new draft Guideline on Resilient Position, Navigation and Timing.

10.5 VTS

10.5.1 VTS54 summary report

Input papers C79-10.5.1 refers.

The report on the 54th session of the VTS Committee, chaired by Monica Sundklev and Dirk Eckhoff was introduced. This meeting was held from 18 to 27 September 2023 at the IALA Headquarters.

A key achievement of the session was the finalization of a draft Model Course C0103-2 on VTS Supervisor Training, which is for Council approval. This course represents a significant advancement in training standards for VTS supervisors.

Additionally, the committee prepared a workshop proposal on VTS Competent Authorities. This proposal reflects the committee's ongoing commitment to enhancing the proficiency and capability of VTS authorities globally.

The Council noted the information on VTS54 summary report.

10.5.2 Revised Model Course C0103-2 Ed3.0 VTS Supervisor training

Input papers C79-10.5.2 refers.

The revised Model Course for VTS Supervisors, Edition 3.0, aims to standardize and improve the training of VTS Supervisors. Updated to align with IMO Resolution A.1158(32) and current technological and operational advancements in VTS, the course covers essential knowledge, skills, and competencies for certification, offering a framework for training organizations and criteria for authorities.

Structured into five modules, the course emphasizes practical training through simulated exercises and assessments. It is adaptable to students' prior experience and includes guidelines for training staff, facilities, and teaching methodologies.

The Council approved the revised Model Course C0103-2 Ed3.0 VTS Supervisor training.

10.5.3 Workshop proposal on the VTS Competent Authorities

Input papers C79-10.5.3 refers.

This workshop will focus on the roles and responsibilities of Competent Authorities for VTS. It aims to fill a significant gap in IALA guidance by providing comprehensive direction to competent authorities, covering four key points:

- Establishing a regulatory framework in line with international conventions, IALA standards, and national laws.
- Authorizing and regulating VTS providers.
- Ensuring approved VTS training and certification.
- Upholding IALA standards and recommendations.

The workshop will also facilitate discussions to identify future guidance topics, address gaps in current IALA documentation, and enhance participation in creating this essential guidance. This aligns with the VTS Task to develop guidance for competent authorities, aiming to empower them and VTS providers to fulfil their roles effectively.

The Councillor for Italy confirmed its intention to host the workshop, possibly in the second half of November 2024. The exact location of the workshop will be determined at a later stage.

The Council approved the workshop proposal on VTS Competent Authorities.

10.6 DTEC

10.6.1 DTEC1 summary report

Input papers C79-10.6.1 refers.

The report of the 1st DTEC Committee, which was chaired by Hideki Noguchi, with Jorge Arroyo was introduced.

A significant achievement of this session was the development of a guideline on VDES VHF Data Link (VDL) Integrity Monitoring. Furthermore, the committee prepared liaison notes for the IMO NCSR, specifically addressing the VDES VDL integrity monitoring document.

The councillor for Ireland inquired if the committee could provide a list of work items similar to those produced by other committees. In response, the secretariat will direct the committee to develop such a list, ensuring consistency in reporting their work items and progress.

The Council noted the DTEC1 summary report.

Action item 3

The Secretariat will request the DTEC to compile a comprehensive list of their work items, complete with their current status.

10.6.2 New draft Guideline on VDES VDL Integrity monitoring

Input paper C79-10.6.2 refers.

This document presents a framework to enhance the reliability of VDES VDL by identifying and addressing its vulnerabilities. Key aspects include:

- Identification of Vulnerability Sources: Recognizing critical issues like unauthorized signaling, device malfunctions, and spoofing risks.
- Five-Step Integrity Approach (Chapter 5): A methodology for IALA members, covering detection, investigation, reporting, defence strategies, and regulatory enforcement.

- Procedures for Detection and Investigation: Describing methods to detect VDES VDL issues, including monitoring air interface status and ensuring compliance with standards.

The guideline aims to improve the resilience of VDES services by proactively managing integrity challenges.

The Council approved the new draft Guideline on VDES VHF Data Link (VDL) Integrity monitoring.

10.7 IALA Documents

10.7.1 IALA Manuals

Input paper C79-10.7.1 refers.

The traditional 4 year cycle for updating IALA manuals, synchronized with conferences or symposia, is being reconsidered due to the rapid pace of technological advancements.

Both the VTS Committee (through document C71-11.4.1) and ARM in relation to the NAVGUIDE have emphasized the necessity for more timely updates to ensure these manuals remain relevant and effective in a fast-evolving technological environment.

Currently, there are three published manuals essential for harmonizing practices and sharing best practices. However, the dynamic nature of technology and the frequent approval or withdrawal of various recommendations and guidelines by the Council necessitate more frequent updates.

To address this, a new process is proposed, allowing committees to quickly publish minor updates to IALA manuals, subject to subsequent Council approval. This approach aims to keep the manuals up-to-date and in line with the latest industry standards and practices.

The Council approved the new way allowing committees to promptly publish minor updates to IALA manuals, subject to subsequent Council approval.

10.8 Workshops and seminars

10.8.1 IALA MASS workshop

Input papers C79-10.8.1 and C79-10.8.1.1 refer.

Technical Officer, Thomas Southall, provided an overview of the Secretariat's work and findings concerning the future of Maritime Autonomous Surface Ships (MASS). He reported that IALA has proactively sought to establish the short to medium term outlook for MASS. This will benefit members and better equip them to prepare for a future that involves an increasing number of autonomous ships. In order to ascertain the probable future of MASS, the Secretariat has gathered information from our members and stakeholders including a workshop on MASS held in October 2023.

As a result of this consultation and research the C79-10.8.1.1 *The Future of Maritime Autonomous Surface Ships (MASS)*, has been produced to shed light on the drivers compelling shipowners and other stakeholders to invest in MASS and identify key future scenarios of MASS.

The document considers the future outlook for the gradual adoption of MASS over the next twenty years and potential drivers and challenges for the technology. It will assist members as a key planning tool, guiding IALA in crucial considerations, specifically aimed at:

- Analysing the potential impact of MASS on Marine Aids to Navigation.
- Identifying future requirements for Marine Aids to Navigation services.
- Pinpointing potential work items related to MASS for the IALA committees.

The draft *Future of Maritime Autonomous Surface Ships (MASS)* aims not only to enhance the preparedness of members but also to contribute significantly to the conversation surrounding the integration of automated and autonomous technologies in the maritime domain.

The Council noted the information provided on the MASS workshop and the document, *The Future of Maritime Autonomous Surface Ships (MASS)*.

Councillors congratulated the Secretariat for organising this workshop and welcomed the document *The Future of Maritime Autonomous Surface Ships (MASS)*. Councillors also expressed suggestions on what approach to consider for the future work on MASS.

10.9 Product specifications and technical services

10.9.1 Committee work on S-200 PS

Input paper C79-10.9.1 refers.

Document presents an update on the progress and status of S-200 Product Specifications (PS) development in the first half of 2023. Recap of S-200 PS Development:

S-201 and S-125: The ARM evaluated S-201 PS, considering separating its Implementation Guidelines into a standalone document. Additionally, the group is refining the S-125 data model for consistency with the S-201 framework and correcting errors in the S-125 GML Schema.

S-230: Within the DTEC committee, the Japan Coast Guard proposed developing the Application Specific Message (ASM) Product Specifications. This proposal is under review by the committee, with further details and developments to be presented at the next DTEC committee meeting in the upcoming year.

S-210 and S-212: The VTS Committee is progressing with the PS developments for these specifications. An intersessional meeting focusing on both S-210 and S-212 is scheduled for January 2024 in Canada.

S-200 Testbed: The testbed at www.s200testbed.iaia-aism.org is vital for aligning national datasets with the S-201 standard. ARM, supported by the secretariat, is leading its further development, incorporating member feedback to enhance functionality.

2nd Joint IHO IALA Workshop: Scheduled for September 2024 in Annapolis, USA, following the first successful workshop in 2022. The workshop aims to enhance collaboration, explore S-100 series utilization, and update existing documentation.

The overall strategy for S-200 remains consistent with IALA's ongoing efforts to develop PS and data exchange formats for future e-navigation services.

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

10.10 Digital@Sea

10.10.1 Digital@Sea conferences

Input paper C79-10.10.1 refers.

Minsu Jeon updated on the Digital@Sea Asia Pacific Conference. The document provides an update on the recent Digital@Sea (D@S) conferences and outlines the plans for 2024.

Events in 2023:

- Digital@Sea North America 2023: Held in April 2022 in Montreal, Canada, focused on e-Navigation, maritime digitalization, and Arctic navigation.
- Digital@Sea Asia Pacific 2023: Took place in September 2023 in Seoul, Korea, discussing the global maritime market, digital services, greenhouse gas reduction, and maritime digitalization.
- Digital@Sea Capacity Building Workshop: Co-hosted by IMO, IHO, IALA, and the Republic of Korea, attended by 39 participants from 16 regions.

For more details, visit <http://digitalatsea.org/>.

The Digital@Sea conference series will continue in 2024:

- Digital@Sea International: January 30-31, 2024, Copenhagen, Denmark.
- Digital@Sea North-America: May 8-9, 2024, Atlantic Beach, Florida, USA.
- Digital@Sea Asia Pacific 2024: Date and location TBD.
- Digital@Sea Capacity Building Workshop 2024: Date and location TBD.

The Council noted the information provided on Digital@Sea conferences.

11. World-Wide Academy

11.1 Progress report and future actions

Input paper C79-11.1.1 refers.

The Dean of the World-Wide Academy provided a general description of the World-Wide Academy and its strategy. He said that Council members would recall that the IALA World-Wide Academy (the 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 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.

Accredited training organizations in the United Kingdom, France, Morocco, Suriname, India, Colombia and China have delivered the Level 1.1 Aids to Navigation Manager course this year, and more than 100 new AtoN managers have been certified in 2023. The Academy is now capable of delivering the level 1.1 AtoN Manager Course in English, French and Spanish.

The Academy has now more than 1,100 Alumni's, and the Dean provided an overview of how these are distributed across the regions of the world.

The Dean explained that details of the achievements of the Academy can be found in input paper C79-11.1.1 and that the planned activities in 2024 can be found in Annex A of that paper.

In conclusion, the Dean said that 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 and he thanked all sponsors for their contributions.

The Council noted the Academy progress report.

11.2 Academy Risk Register

Input paper C79-11.2.1 refers.



The Dean reported that the Academy risk factors are more or less unchanged. 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.

At the last board meeting the Board decided that the score of the negative impact on personal safety of staff during missions should be raised to level 5, giving it a total risk value of 15. This brings this risk factor alongside the risk value of possible loss of major sponsorship.

UK, noting the significant risk identified on the safety of staff, suggested that a table top exercise to run through possible scenarios relating to this risk might be appropriate as this is a well proven method to prepare. The Secretariat agreed to consider this.

The Council noted the WWA Risk Register.

12. INTERNATIONAL

12.1 IMO

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

12.1.1 Information paper on VDES VDL integrity monitoring

Input paper C79-12.1.1 refers.

This document introduces the newly published IALA Guideline on VDES VHF Data Link Integrity Monitoring which was paper C79-10.6.2. It provides background information on the development, focusing on improving the security and integrity of AIS.

The document highlights the IALA Guideline's role in developing strategies to address integrity issues in AIS and requests NCSR to consider the information provided.

The Council approved the information paper on VDES VDL integrity monitoring to forward to IMO NCSR.

Action item 4

The Secretariat to forward the approved information paper on VDES VDL integrity monitoring to IMO NCSR.

12.1.2. Input paper for updating IMO SN.1/Circ297 on IALA MBS

Input paper C79-12.1.2 refers.

This document proposes updates to the new IALA MBS, as mentioned in the circular. It details the history and development of the MBS which was approved by the 14th IALA General Assembly this year.

The document points out the most recent updates including the incorporation of Mobile Aids to Navigation, considerations for maritime autonomous surface ships (MASS), sustainability matters, and editorial changes.

The document 12.1.2 requests IMO to update the circular with proposed amendments.

The Council approved the input paper for updating IMO SN.1/Circ297 on IALA MBS.

Action item 5

The secretariat to forward the approved input paper for updating IMO SN.1/Circ297 on IALA MBS to IMO NCSR.

12.1.3. Input paper for revision of IMO SN.1/Circ296 on risk management toolbox

Input paper C79-12.1.3 refers.

The document 12.1.3 proposes updates to IMO SN.1/Circ.296 on degree of risk evaluation, following enhancements in the IALA Risk Management Toolbox. It discusses the continuous review and expansion of the toolbox, which includes new tools like the Simplified IALA Risk Assessment method (SIRA).

The updates draw on practical experience and aim to support initiatives such as establishing or amending routing and ship reporting systems. As the action requested, NCSR is requested to consider the draft amendments and take action as appropriate.

The Council approved the input paper for revision of IMO SN.1/Circ296 on risk management toolbox.

Action item 6

The secretariat to forward the approved input paper for revision of IMO SN.1/Circ296 on risk management toolbox to IMO NCSR.

12.1.4 Information paper on raise awareness with regards to the updated MBS in relation to training on MBS

Input paper C79-12.1.4 refers.

The document was approved by the Council with e-mail approval procedure, and the meeting noted the information provided by the secretariat.

The document addresses a significant issue in maritime training concerning the IALA Maritime Buoyage System (MBS). Despite updates to the MBS reflecting technological advancements, there is a noticeable gap in the industry's actual training to match these changes. This deficiency was featured by maritime incidents in the UK in 2017 and 2020, revealing a lack of understanding of the MBS among watch officers.

The paper stresses the importance of aligning maritime training with current and emerging technologies and practices, covering both digital and traditional AtoN systems. Following discussions with the IMO secretariat, it was noted that the IMO model courses do not mandate specific hours for subjects, leaving discretion to training institutes. Consequently, IALA advocates for the inclusion of a reference to the MBS in the STCW code.

This document is being presented to the IMO HTW as an information paper to spotlight this issue. Additionally, another document is being prepared for submission to the IMO MSC to emphasize the necessity and to propose a work item within the IMO to tackle this challenge.

The Council noted the information paper on raise awareness with regards to the updated MBS in relation to training on MBS.

12.1.5 IALA IGO project update (A33/inf.8)

Input paper C79-12.1.5 refers.

The document was approved by the Council with e-mail approval procedure(ref. IALA/22-185), and the meeting noted the information provided by the secretariat.

This submission is intended to update the IMO Assembly about the ongoing transformation of IALA from a non-governmental international organization to an intergovernmental organization, extend an invitation to Member States for participation in the forthcoming conference, and urge Member States to proceed with the ratification or accession to the governing convention.

The Council noted the information on the IALA IGO project update (A33/inf.8).

12.2 IHO

12.2.1 Liaison note to IHO NIPWG on S-125

Input paper C79-12.2.1 refers.

This document has been developed by the ARM committee. There has been an ongoing exchange of information regarding this matter with IHO. In this instance, the document encompasses detailed comments and editorial observations on version 0.0.3 of the S-125.

The Council approved the liaison note to IHO NIPWG on S-125.

Action item 7

The Secretariat to forward the approved liaison note on S-125 to IHO NIPWG.

13. IMG

The IMG representative Lars Mansner updated the council on the progress of the IMG. He indicated the industrial members were now well represented with 9 elected representatives in total. The first meeting of the newly elected group was to be held in February in Finland. The task of the group has well evolved over the years and is now well beyond its original goal of organizing the industrial exhibition during conferences. Industrial members are well involved in IALA activities and attendance at the committees has increased. A survey was sent Industrial members after the Conference in Rio and the results showed positive feedback. It could be noted that 90% of the respondents had intentions to participate to the Conference in India in 2027. It was also reported that the Industry was able to bring some support to Ukraine.

The council noted the report from the IMG.

14. IALA CONFERENCES, SYMPOSIA AND OTHER EVENTS

14.1 2025 - 15th Symposium – Singapore (TBC)

Nothing to report on this point as it awaits the possible decision on the first General Assembly of the IGO.

Singapore reported that the confirmation of holding the symposium depends on the possible dates of the first General Assembly of the IGO. Further updates will be provided at the next council meeting.

14.2 2027 – 21st Conference - India

The representative from India indicated that preparations were well underway for the preparation of the 21st Conference to be held in Mumbai.

The Council noted the information provided.

14.3 World Marine Aids to Navigation Day

14.3.1 WATON Day 2024

The Italian Coast Guard had generously, in accordance with input paper C79-14.3.1, offered to host the main event celebrating the World Marine Aids to Navigation Day in Genova 2 - 3 July 2024.

The program is not finalized yet but will of course include a visit of the Faro di Genova 'Lanterna'.

The Council agreed to have the WATON Day main event in Genova in 2024.

14.4 Heritage Lighthouse of the Year

14.4.1 Heritage Lighthouse of the Year 2024

Input C79-14.4.1 and C79-14.4.1.1 refers.

The Paper discusses the selection process for the Heritage Lighthouse of the Year 2024. In line with the council's guidelines, all members of the ENG were invited to partake in the ranking of nominated lighthouses.

From the process, 10 ranking sheets were received and analyzed, leading to the shortlisting of the top three Heritage Lighthouses as recommended by the ENG. The finalists were Faro di Genova 'Lanterna' in Italy, Hook Head Lighthouse in Ireland, and Lizard Lighthouse in England.

Following this evaluation, the ENG has proposed Faro di Genova 'Lanterna' to be considered by the council as the Heritage Lighthouse of the Year for 2024.

The Council approved Faro di Genova 'Lanterna', as the Heritage Lighthouse of the year 2024.

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

Two input papers C79-15.1 refer.

The Council approved National membership for:

- **Ministry of Public Works and Transport, Cambodia.**

The Council approved Industrial membership for:

- **Adolpha Maritime Group, Bahamas**
- **Grupo Acquaplan, Brazil**
- **Compañía Internacional de Integración Ci2 S.A, Colombia**
- **India Navigations Aids, India**
- **MSZ Offshore and Underwater Services LLP, India**
- **AIVeNautics Corp., Republic of Korea**
- **TM One, TM Technology Services SDN BHD, Malaysia**
- **Integral Project IT, S. de R.L de C.V, Mexico**
- **Horizonte AS, Norway**
- **National Polyethylene Company-NPC Marine, Saudi Arabia**
- **NCS Pte. Ltd, Singapore**
- **PMS Polietilen Mamulleri San Tic. A.S, Türkiye**
- **Carrocerias Mariara C.A, Venezuela**
- **WAMS, Brazil (late submission)**
- **Liaocheng Huazhong New Material Technology Co., Ltd, People's Republic of China.** Support was received from China MSA during the meeting.
- **PT Multiintegra, Indonesia (late submission)**
- **Danphone A/S, Denmark (late submission)**

The Council approved Associate membership for:

- **Antwerp Maritime Academy, Belgium**
- **Johor Port Authority, Malaysia**
- **Hydrographic and Oceanographic Service, Dominican Republic**
- **Mokpo National Maritime University, Republic of Korea (late submission)**
- **Consortio de Gestion del Puerto de Bahia Blanca (CGPBB), Argentina (late submission)**
- **PT Biro Biro Klasifikat, Indonesia (late submission)**

The Council also approved Honorary membership to:

- Mr Phil Day, Northern Lighthouse Board;
- Mr Simon Millyard, Trinity House; and
- Mr Neil Trainor, Australian Maritime Safety Administration

15.2 Resignations and changes in membership

Input paper C79-15.2 refers.

The Council noted the resignations from:

- **Ministry of Immigration, Citizenship, Labour & Employment Services, Turks and Caicos Island (National membership)**
- **Norbit Aptomar, Norway (Industrial membership)**
- **Institute of High-Performance Computing, Singapore (Associate membership)**

The Council noted the following changes:

- **Korea Maritime Cooperation Center (KMC), Republic of Korea** was renamed Korea Maritime Corporation.
- **A*STAR Research Entities**, from Singapore was renamed A*STAR I2R.
- **CSIC PRIDE (Nanjing) Atmospheric and Oceanic Information System Co., Ltd in the People's Republic of China** was renamed Nanjing Marine Radar Research Institute.

15.3 Terminations and updates on membership

Input paper C79-15.3 refers.

The Council took a close look at the list of members already suspended by Council 77 for non-payment of their dues and made the following decisions:

Terminate industrial membership for:

- **Whenzou Lighthouse Electronic, People's Republic of China**
- **Shanghai Spaceflight of TT&C., People's Republic of China**
- **Maritime Atlantic Global SAS, Colombia**
- **Invelco SA, Spain**
- **CV Sarana Samudra Raya, Indonesia**
- **Keira Surya Kencana, PT, Indonesia**
- **PT Lestari Marina Utama, Indonesia**
- **Offshore Maritime Subsea Advance Technologies Inc., Philippines**
- **Geo System Research Corporation; Republic of Korea**
- **Keumha Naval Technology Co., Ltd, Republic of Korea**
- **Anayurt Savunma San Ltd. Sti, Türkiye**

Terminate Associate membership for:

- **Port of Melbourne Corporation, Australia**
- **Nigerian Marine coast Guard, Nigeria**
- **Matlev Consulting, Morocco**

The Council noted reinstatement of membership for the following members who had been suspended by Council 76 and 77 but who had settled all their debts:

- **Fremantle Ports, Australia**
- **Institute of High-Performance Computing, Singapore: this company finally merged with the member A*STAR-I2R from Singapore.**
- **European Space Agency**
- **Electronics and Telecommunication Research Institute, Republic of Korea**

16. COMMUNICATION

16.1 Update on communication

Communication officer Audrey Guinault reported that the main novelty about the IALA's communication since the last meeting was the creation of a dedicated communication group. This group was composed of a representative from each department of IALA and chaired by the communication's manager. The purpose of this group was to improve and maintain IALA's communication in a regular and relevant manner. The 3 main tasks of the group were summarized as follows:

- Re-drafting the Communications Policy to make it updated and relevant for the IGO,
- coordinate internal communication,
- coordinate external communication.

This group had been established in September and started its work on October. Results of the better coordination of information could already be seen as views on IALA's news items had increased over that time period. The improvement of internal communication has had a direct impact on external communication, therefore IALA aimed at ensuring that this would be a constant effort. The planning for the year 2024 was well under way.

She also reported that IALA had reached 4000 followers on LinkedIn in November 2023.

The Council noted the information provided.

17. ANY OTHER BUSINESS

17.1 Status on assistance to Ukraine

Input papers C79-17.1 refers.

The Deputy Secretary-General introduced input paper C79-17.1 by explaining the background for the establishment of the IALA Disaster Recovery Fund (DRF) and then went on to provide the status of this matter as of November 2023.

The meetings with SHSU, the national member of IALA in Ukraine, are now being held monthly. There is progress with the donations from IALA members and others. Some of the financial resources of the DRF have been used to provide training to a staff member of SHSU, and it is planned to invite to stay at IALA HQ for a few weeks to discuss and develop plans for a project focused on rebuilding the maritime infrastructure in Ukraine, once the situation is normalized.

The Council noted the information provided.

17.2 Disaster Recovery Fund

Input papers C79-17.2, C79-17.2.1.1 and C79-17.2.1.2 refer.

The Russian Federation, in line with the appropriate rules in the General Regulations submitted an input paper to the General Assembly in Rio de Janeiro suggesting some changes to the Terms of Reference of the IALA Disaster Recovery Fund.

The Terms of Reference of the IALA Disaster Recovery Fund were approved by Council 76 in December 2022.

The General Assembly did not discuss the Russian proposal as there was no obligation to do so, but for the sake of good cooperation decided to let the Council discuss this proposal at one of its next meetings. As there was no time to discuss the proposal at the 78 session of the Council in Rio de Janeiro, Council 79 is invited to discuss the Russian proposal.

The Secretariat provided a note as input paper A14-7 to the General Assembly. This note contains the legal implications from the point of view of the Secretariat with regard to the Russian proposal (input paper A14-7.1 to the General Assembly).

Both papers were submitted as input paper 17.2.1.1 and 17.2.1.2 to Council 79 for further consideration.

There were two categories of proposals or comments from the Russian Federation. Procedural comments that were all addressed at the General Assembly, and some text proposals for the ToRs for the Disaster Recovery Fund.

After examination of the papers, the Council agreed to keep the text of the Terms of Reference as they are and not change the text as proposed by the Russian Federation.

The Council agreed not to change the Terms of Reference as proposed by the Russian Federation.

17.3 IALA Regional Presence

Input paper C79-17.3 refers.

The Deputy Secretary-General introduced input paper C79-17.3 by explaining that the secretariat has received queries from several national members on the possibility of establishing regional IALA offices around the world.

The input paper provided some background and discussion and invited the Council to note discuss the matter.

The Council was of the opinion that, given the IGO project, it would not be sensible to go forward with this matter at this point in time.

The Council noted the information provided and decided not to move forward with the matter of establishing regional presence of IALA. The Council also decided that the discussion should be continued after the transition process to the IGO within the new elected (IGO) Council.

Under any other business, UK noted the importance of preparing for the effective Governance of the IGO and the need to consider the role of the Finance and Audit Group and how they may need to adjust to meet the needs of the new organization.

Action item 8

The Council to continue the conversation on effective governance of the IGO at Council 80.

18. DATES AND PLACES FOR NEXT MEETINGS

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

- Session 80: 17 to 21 June 2024 Istanbul, Türkiye.
- Session 81: 9 to 13 December 2024, IALA Headquarters.
- Session 82: June 2025, IALA HQ or invitation.
- Session 83: December 2025, IALA HQ.

The Secretary-General and councillors expressed gratitude and farewell to Captain Ian McNaught from Trinity House, councillor for the UK, who was soon to be retired and for whom it was the last council meeting after 12 years of participation.

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	Approve
3.1	Draft Agenda	
4.	VACANT POSITIONS WITHIN THE COUNCIL	Note
5.	REPORT OF THE 78th SESSION	Note
5.1	Matters arising from the session	
6.	REPORT BY THE SECRETARY-GENERAL	Note
6.1	Report from the Secretary-General	
7.	NATIONAL MATTERS	Note
8.	STRATEGY AND POLICY	Note Note Note Note Note Note/Agree
8.1	Strategic Vision	
8.1.1	Strategic Vision - post General Assembly	
8.1.2	Current drivers and trends - post General Assembly	
8.2	Policy Advisory Panel	
8.2.1	Report of PAP50	
8.2.2	Report of PAP51	
8.3	Change of status	
8.3.1	Status on signatures and ratifications	
8.3.2	Status on the transition arrangements	
9.	FINANCE AND AUDIT COMMITTEE REPORT	Note
9.1	Projected result and budget monitoring statement	Approve
9.2	Budget for 2024	Note
9.3	Outline budget 2025-2027	Note
9.4	Membership situation status	Note
9.5	Draft financial situation and budget of IALA as an IGO	Note

ITEM	ACTION REQUESTED
10. TECHNICAL ACTIVITIES 10.1 Legal Advisory Panel 10.1.1 Report of LAP25 10.1.2 Note on the comments from Japan at the GA 10.1.3 IALA Risk Register	Note Note Note
10.2 Committee work organisation 10.2.1 Committee work programme 2023-2027 10.2.2 Committee meetings and events plan in 2024	Approve Note
10.3 ARM 10.3.1 ARM17 summary report	Note
10.4 ENG 10.4.1 ENG17 summary report 10.4.2 New draft Guideline on Resilient PNT	Note Approve
10.5 VTS 10.5.1 VTS54 summary report 10.5.2 Revised Model Course C0103-2 Ed 3.0 VTS Supervisor training 10.5.3 Workshop proposal on the VTS Competent Authorities	Note Approve Approve
10.6 DTEC 10.6.1 DTEC1 summary report 10.6.2 New draft Guideline on VDES VDL Integrity monitoring	Note Approve
10.7 IALA documents 10.7.1 IALA manuals	Note
10.8 Workshops and seminars 10.8.1 IALA MASS workshop	Note
10.9 Product specifications 10.9.1 Committee work on S-200 PS	Note
10.10 Digital@Sea 10.10.1 D@S conferences	Note
11. WORLD-WIDE ACADEMY 11.1 Progress report and future actions 11.1.1 WWA Progress Report 11.2 WWA Risk Register 11.2.1 WWA Risk Register	Note Note

ITEM	ACTION REQUESTED
<p>12. INTERNATIONAL</p> <p>12.1 IMO NCSR</p> <p>12.1.1 Input paper on VDES VDL integrity monitoring</p> <p>12.1.2 Input paper for updating IMO SN.1 Circ.297 on IALA MBS</p> <p>12.1.3 Input paper for revision of IMO SN.1/Circ.296 on risk management toolbox</p> <p>HTW</p> <p>12.1.4 Information paper on raise awareness with regards to the updated MBS in relation to training on MBS</p> <p>Assembly</p> <p>12.1.5 IALA IGO project update (A33/inf.8)</p> <p>12.2 IHO</p> <p>12.2.1 Liaison note to IHO NIPWG on S-125</p>	<p>Approve</p> <p>Approve</p> <p>Approve</p> <p>Note</p> <p>Note</p> <p>Approve</p>
<p>13. IMC</p> <p>13.1 Report from the IMC representative</p>	<p>Note</p>
<p>14. CONFERENCES, SYMPOSIA, AND OTHER EVENTS</p> <p>14.1 2025 – 15th Symposium – Singapore (TBC)</p> <p>14.2 2027 – 21st Conference – India</p> <p>14.3 World Marine Aids to Navigation Day</p> <p>14.3.1 WATON Day 2024</p> <p>14.4 Heritage Lighthouse of the Year</p> <p>14.4.1 Heritage Lighthouse of the Year 2024</p>	<p>Note</p> <p>Note</p> <p>Note</p> <p>Note</p> <p>Determine</p>
<p>15. MEMBERSHIP</p> <p>15.1 Applications for Membership</p> <p>15.2 Resignations and changes in Membership</p> <p>15.3 Terminations and updates of Membership</p>	<p>Approve</p> <p>Note</p> <p>Decide</p>
<p>16. COMMUNICATION</p> <p>16.1 Updated on communication matters</p>	<p>Note</p>
<p>17. ANY OTHER BUSINESS</p> <p>17.1 Status on assistance to Ukraine</p> <p>17.2 Disaster Recovery Fund</p> <p>17.3 IALA Regional Presence</p>	<p>Note</p> <p>Note</p> <p>Note/Discuss</p>

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 clarify the details of the internal tax and its use and a more precise future budget, mainly in terms of staff cost, for the IGO. Councillors are invited to forward comments on the Staff Rules to the Secretariat by the end of January 2024. The Secretary-General to consider an extraordinary online council meeting before Council80.

Action item 2

The Secretariat to prepare a paper on the progress of the work of the Maritime Connectivity Platform (MCP) for Council 80.

Action item 3

The Secretariat will request the DTEC to compile a comprehensive list of their work items, complete with their current status.

Action item 4

The Secretariat to forward the approved information paper on VDES VDL integrity monitoring to IMO NCSR.

Action item 5

The secretariat to forward the approved input paper for updating IMO SN.1/Circ297 on IALA MBS to IMO NCSR.

Action item 6

The secretariat to forward the approved input paper for revision of IMO SN.1/Circ296 on risk management toolbox to IMO NCSR.

Action item 7

The Secretariat to forward the approved liaison note to IHO NIPWG on S-125.

Action item 8

The Council to continue the conversation on effective governance of the IGO at Council 80.



ANNEX D – RECORD OF DECISIONS OF THE 79th SESSION OF THE IALA COUNCIL

The Council approved the budget for 2024.

The Council approved the revised Committee work programme for 2023-2027.

The Council approved the new draft Guideline on Resilient Position, Navigation and Timing.

The Council approved the revised Model Course C0103-2 Ed3.0 VTS Supervisor training.

The Council approved the workshop proposal on VTS Competent Authorities.

The Council approved the new draft Guideline on VDES VHF Data Link (VDL) Integrity monitoring.

The Council approved the new way allowing committees to quickly publish minor updates to IALA manuals, subject to subsequent Council approval.

The Council approved the input paper for updating IMO SN.1/Circ297 on IALA MBS.

The Council approved the input paper for revision of IMO SN.1/Circ296 on risk management toolbox.

The Council approved the liaison note to IHO NIPWG on S-125.

The Council approved Faro di Genova Lanterna, as the Heritage Lighthouse of the year 2024.

The Council approved National membership for:

- Ministry of Public Works and Transport, Cambodia.

The Council approved Industrial membership for:

- Adolpha Maritime Group, *Bahamas*
- Grupo Acquaplan, *Brazil*
- Compañía Internacional de Integración Ci2 S.A, *Colombia*
- India Navigations Aids, *India*
- MSZ Offshore and Underwater Services LLP, *India*
- AIVeNautics Corp., *Republic of Korea*
- TM One, TM Technology Services SDN BHD, *Malaysia*
- Integral Project IT, S. de R.L de C.V, *Mexico*
- Horizonte AS, *Norway*
- National Polyethylene Company-NPC Marine, *Saudi Arabia*
- NCS Pte. Ltd, *Singapore*
- PMS Polietilen Mamulleri San Tic. A.S, *Türkiye*
- Carrocerias Mariara C.A, *Venezuela*
- WAMS, *Brazil (late submission)*
- Liaocheng Huazhong New Material Technology Co., Ltd, *People's Republic of China*. Support was received from China MSA during the meeting.
- PT Multiintegra, *Indonesia (late submission)*
- Danphone A/S, *Denmark (late submission)*

The Council approved Associate membership for:

- Antwerp Maritime Academy, *Belgium*
- Johor Port Authority, *Malaysia*
- Hydrographic and Oceanographic Service, *Dominican Republic*
- Mokpo National Maritime University, *Republic of Korea (late submission)*

- **Consortio de Gestion del Puerto de Bahia Blanca (CGPBB), Argentina** (*late submission*)
- **PT Biro Biro Klasifikat, Indonesia** (*late submission*)

The Council also approved Honorary membership to:

- Mr Phil Day, Northern Lighthouse Board;
- Mr Simon Millyard, Trinity House; and
- Mr Neil Trainor, Australian Maritime Safety Administration

The Council noted the resignations from:

- **Ministry of Immigration, Citizenship, Labour & Employment Services, Turks and Caicos Island** (*National membership*)
- **Norbit Aptomar, Norway** (*Industrial membership*)
- **Institute of High-Performance Computing, Singapore** (*Associate membership*)

The Council noted the following changes:

- **Korea Maritime Cooperation Center (KMC), Republic of Korea** was renamed Korea Maritime Corporation.
- **A*STAR Research Entities, from Singapore** was renamed A*STAR I2R.
- **CSIC PRIDE (Nanjing) Atmospheric and Oceanic Information System Co., Ltd in the People's Republic of China** was renamed Nanjing Marine Radar Research Institute.

Terminate industrial membership for:

- **Whenzou Lighthouse Electronic, People's Republic of China**
- **Shanghai Spaceflight of TT&C., People's Republic of China**
- **Maritime Atlantic Global SAS, Colombia**
- **Invelco SA, Spain**
- **CV Sarana Samudra Raya, Indonesia**
- **Keira Surya Kencana, PT, Indonesia**
- **PT Lestari Marina Utama, Indonesia**
- **Offshore Maritime Subsea Advance Technologies Inc., Philippines**
- **Geo System Research Corporation; Republic of Korea**
- **Keumha Naval Technology Co., Ltd, Republic of Korea**
- **Anayurt Savunma San Ltd. Sti, Türkiye**

Terminate Associate membership for:

- **Port of Melbourne Corporation, Australia**
- **Nigerian Marine coast Guard, Nigeria**
- **Matlev Consulting, Morocco**

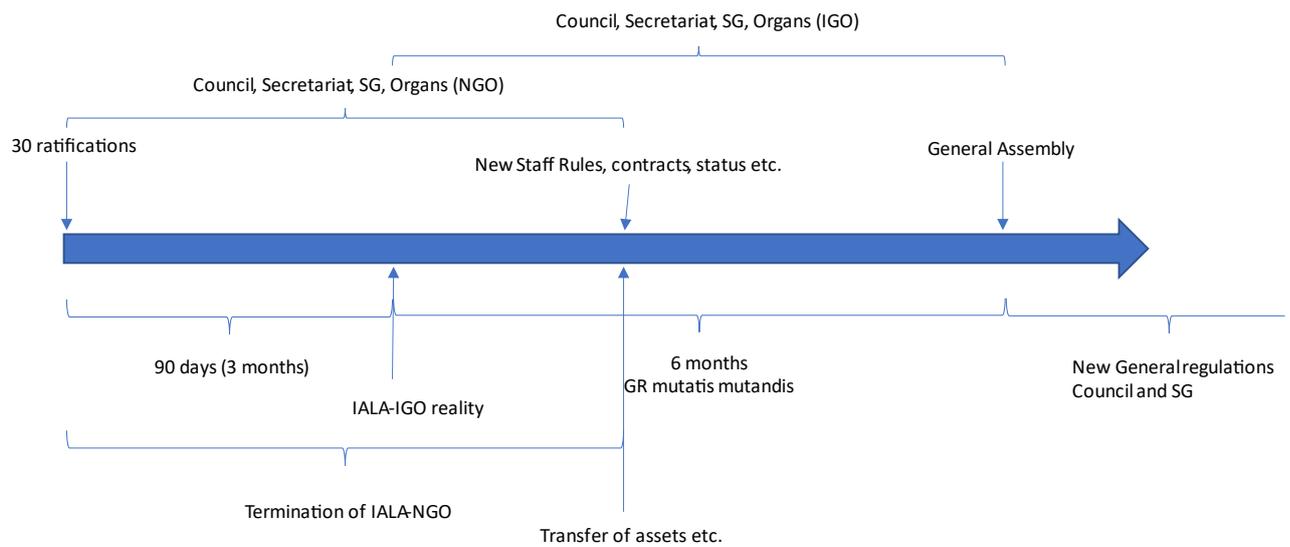
The Council noted reinstatement of membership for the following members who had been suspended by Council 76 and 77 but who had settled all their debts:

- **Fremantle Ports, Australia**
- **Institute of High-Performance Computing, Singapore: this company finally merged with the member A*STAR-I2R from Singapore.**
- **European Space Agency**

Electronics and Telecommunication Research Institute, Republic of Korea

ANNEX E – TRANSITION TIMELINE

Plan for the transition of IALA from an NGO to an IGO





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Association Internationale de Signalisation Maritime

