



# REPORT OF THE 72<sup>ND</sup> SESSION OF THE IALA COUNCIL

*8 – 10 December 2020, Videoconference*





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## OPENING

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Due to the meeting restrictions imposed by the COVID-19 Pandemic, the 72<sup>nd</sup> session of the IALA Council was held from 8 to 10 December 2020 by videoconference.

The meeting was opened at 12h00 CET on 8th December 2020 by Ms Young-shin KIM, IALA President.

### 1. PRESIDENT'S OPENING REMARKS

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Ms Kim welcomed all Councillors, Observers and IALA staff. After wishing well to everyone in these difficult circumstances, she thanked IALA for their successful organization of virtual meetings and expressed her confidence that this meeting would be successful as well. Due to the conditions of the meeting being held remotely and to ensure a smooth running of the session, she asked the Secretary-General to lead the meeting through the Agenda, although she was remaining as the Chair. The Secretary-General also welcomed everyone and indicated that there were 2 new councillors: Mr Takahiro Yoshinaga from Japan and Mr Javier Martín Santo Domingo from Spain. Mr Yang Xinzhai was attending as acting councillor for China. The Secretary-General also welcomed all the assistants who were attending for the first time.

### 2. APOLOGIES FOR ABSENCE

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All Councillors were in attendance.

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

### 3. APPROVAL OF THE AGENDA

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The Agenda (input paper C72-3.1) was approved and is at Annex A. The Secretary-General reminded that the programme was to hold a meeting for two hours on 8 and 9 December from 12h00 CET and on the 10<sup>th</sup> December at 12h00 CET for report approval. If there wouldn't be enough time for report approval, it could be done by correspondence.

**The Agenda was approved and appears at Annex A.**

### 4. VACANT POSITION WITHIN COUNCIL

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There was no vacant position within the Council.

### 5. REPORT OF THE 71<sup>st</sup> SESSION

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#### 5.1 Matters arising from the session

Communication officer Audrey Guinault introduced input papers C71-5.1.

All action items from the previous meeting have been completed except for action item 5 "The Secretariat to conduct a study on the future needs and opportunities for the future Headquarters" which had to be put on hold and postponed due to the Covid-19 Pandemic. Action items 1 and 2 have been completed by Canada, China and Australia and as can be seen in input paper C72-8.1.1 and 8.1.2 and would be discussed at item 8. of the agenda. The councillor from Singapore indicated that he would be preparing an input paper with the Netherlands on VTS for MASS to be submitted to PAP for consideration. The councillor from the Netherlands added that following action item 3 the chair of the VTS committee did not address the issue of MASS at VTS50 as it was an online meeting. Taking into consideration of the ongoing developments on the topic, there is a need to speed up the process and that is why the Netherlands and Singapore wished to produce a paper. The assistance to the councillor for Japan and the chair of the ENAV committee indicated that the work on MASS was discussed together with the chair of the VTS committee and decided to be postponed after IMO MSC 103 in May to know the result of the IMO MASS Regulatory Scoping Exercise. PAP agreed to have an IALA workshop on MASS after IMO MSC103 as the work will be of interest to all committees, and not only VTS and ENAV.

### *Action item 1*

*The Councillors for Singapore and the Netherlands to submit and input paper on MASS to PAP.*

## **6. REPORT BY THE SECRETARY-GENERAL**

The Secretary-General referred to input paper C72-6 and gave the following orientation:

Since the last Council meeting in June, the world has still been in the grip of the COVID-19 Pandemic and the Staff has continued all the precautionary measures to avoid further transmission of the virus in our domain. These measures have involved the cancellation or postponement, as appropriate, of meetings, and halting the staff's travel for the purpose of conducting missions.

The total membership of IALA now consists of 314 National, Industrial and Associate members, which is 14 members more than at the same time last year, and after termination of several memberships for non-payment. This is of course very positive. Getting some members to pay their contribution is still a problem and I would like to ask members of the Council to help us.

The Secretariat with the support of the PAP has implemented special working arrangements for virtual meetings of the Committees and other subsidiary bodies of IALA. These working arrangements are uniform across all committees and are extra-ordinary in nature due to exceptional circumstances that prohibit face-to-face meetings in the usual manner. The meetings very successful with a record number of participants and also very productive as you can see from the number of input papers to this meeting. Similar arrangements will be used for the meetings next year at least until summer 2021 if the situation does not improve.

The Mid-Term Assembly of the IMC was successfully held by video conference on the 6 October 2020 chaired by the president Mr Marcel Tetu from Brazil.

The Industrial members were updated on recent developments in IALA and the World-Wide Academy and on the planned arrangements for the Industrial members during the Conference in Rio in 2022.

The Mid-Term Assembly agreed the draft new Terms of Reference and a road map to develop a Code of Conduct for the Industry. The IMC representative will give more details under agenda 10.

At the last meeting the Strategic White Paper was approved and named Current drivers and Trends, ed 1.2.

At this meeting there was an excellent input from Australia and China and Canada for consideration and if agreed it will be the Current drivers and Trends ed 2.0.

Based on this version the Secretariat and the PAP will then start the preparation for the 2022-2030 version of the Strategic Vision for approval at the General assembly in 2022.

The Secretariat has mainly been working from home since the outbreak of the COVID-19 Pandemic. The HQ in Saint-Germain-en-Laye is regularly visited in order to ensure the smooth running of the Association and to make sure that all technical facilities are up to date during the major meetings.

With the latest reorganization the IALA and WWA the staff now consist of 12 full time employed members and three consultants (two in the WWA section and one for Communication). Ms. Marie-Hélène Grillet has retired in June 2020 and Ms. Virginia Marshall will retire mid-2021.

In order to have a more flexible solution for the HQ it has been investigated if it could be possible to sell the premises in St. Germain-en-Laye and make a 3-years rental contract with the potential new owner. This project has been put on hold due to the COVID-19 Pandemic and the decision at C71 to investigate other solutions before a decision is taken.

The Diplomatic Conference held in Kuala Lumpur, Malaysia from 25 to 28 February 2020 reached the result it was aiming at. This Conference marked a very important step for IALA as the Convention for the future Organization under intergovernmental status was adopted.

The next steps will be signature by the Depository, the French Government, in December this year and then open the Convention for signatures for the next 12 months. Admiral Denamur briefed more on this plan under agenda 8.3.

The General Regulations are prepared in a draft based on the adopted Convention and will be approved at the first General Assembly of the Organization.

A draft HQ Agreement is prepared by the French Ministry for Europe and Foreign Affairs. This will be discussed in the Legal Advisory Panel and finalized in due time before the entry into force of the Convention.

The World-Wide Academy continues to develop under the leadership of the Dean Omar Frits Eriksson and the Academy Board, chaired by Professor Gug from Korea. The Academy has adapted to the Pandemic situation and is for the time being conducting all its activities online, pursuing its goals through its “Enlighten, Educate and Engage” strategy.

Luckily there is a lot of activity in the Academy thanks to loyal and generous sponsors for which IALA is very grateful.

As mentioned, a full report is available as input paper 6.

**The Council noted the Secretary-General’s report.**

## **7. NATIONAL MATTERS**

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

There were nine input received on National matters:

From Australia with an update on the impact of COVID 19 on Climate changes and the specific impacts on the maritime industry through more extreme weather events that can threaten port infrastructure and AtoN’s, the discontinuation of the radio-beacon DGPS service from 1 July 2020, the initiation of a regional SBAS project for the Australia and New Zealand region which could be operative in 2023.

From Chile with the information that between November 9 and 27, the first multinational, in cooperation with MSM from Spain and Hidrovia from Argentina, level 2 course with international certification for Spanish-speaking technicians was held, based on the WWA L2.8.1 model course – Operation of AIS AtoN devices, (modules 1 to 5) and the IALA recommendation E-141.

From China with information on the completion of the BEIDOU system six months ahead of schedule, the commission of the largest lighthouse tender in China – the HAIXUN 173, China's first meteorological lighthouse outside Xiamen Port and update on Level 1 and 2 courses in cooperation with the WWA.

From Finland an update on the impact of the Pandemic and a description of a new approach channel leading to the port of Oulu that was commissioned in October 2020.

From India with the information that Indian Regional Navigation Satellite System (IRNSS) has been recognized by the IMO, the establishment of new Lighthouse at Tajpur and Kuthenkuli and that the Aids to Marine Navigation Act 2020 superseding Lighthouse Act 1927 has been drafted into Bill and submitted for approval in Parliament.

From Italy on the successful completion of the ITCG Vessel Traffic Management and Information System, which in cooperation with other authorities now constitute a National Single Window.

From Japan with the information on the designation of 4 historical lighthouses as National Important Tangible Cultural Properties.

From Korea with information on the celebration of the World Marine Aids to Navigation Day with participation of the Minister of Oceans and Fisheries and the Secretary-General of the IMO and also an update on the impact of the Pandemic.

From Singapore with information on the launch of the MASSPorts network together with several other Authorities and an update on Singapore’s plan to assist IALA with the future work on MASS related issues.

**The reports were noted.**



## 8. STRATEGY AND POLICY

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### 8.1 Current Drivers and Trends

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Input papers C72-8.1 and C72-8.1.1 and C72-8.1.2 refer.

Deputy Secretary-General Omar Frits Eriksson explained that at our 69th session, the Strategy Drafting Group prepared a so-called Strategy White Paper, describing current drivers and trends, and how these were expected to impact IALA. Council 70 decided to rename the White Paper to “Current Drivers and Trends” and decided that the paper should be enhanced with respect to environmental issues and sustainability.

An updated document was then approved at Council 71, but the discussion at C71 revealed that the document could be further improved with respect to the impact of climate change as well as rapid developments in satellite and terrestrial communication infrastructure.

As requested, inputs have been received from Canada and China, which is input paper C72-8.1 and C72-8.1.1 addressing the communication infrastructure and from Australia addressing “the worlds changing climate” in the shape of input paper C72-8.1.2.

The Council tasked the secretariat with amalgamating these positions into version 2.0 of the Drivers and Trends paper.

**The Council approved the positions expressed in input papers C72-8.1.1 and C72-8.1.2.**

*Action item 2:*

*The Secretariat to update the Drivers and Trends document to version 2.0 taking into account the positions expressed in input papers C72-8.1.1 and C72-8.1.2 and provide as input to C73.*

### 8.2 Policy Advisory Panel

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#### 8.2.1 Report of PAP40

Input paper C72-8.2.1 refers

Deputy Secretary-General and Chair of the Policy Advisory Panel, Omar Frits Eriksson provided a summary of the 40th meeting of the Policy Advisory Panel which was held virtually over three online sessions.

The Panel discussed relevant matters at hand, such as MASS, the development of S-200 Product Specifications, the usage of the Maritime Resource Name (MRN) and the need to provide input to IMO on the revision of the IMSAS Auditor Manual with respect to Aids to Navigation and VTS.

The development of the next Committee work program for the work periode after the next conference was initiated.

The virtual format of committee meetings was discussed at length, and there was general satisfaction with the new Committee Dashboard concept, which was designed to provide all Committee participants with an overview of what is going on in each of the committees.

The Secretariat will develop this concept further and continue its usage, also after returning to normal face to face meetings, once the Pandemic is over.

It was believed that the lessons learnt with these dashboards would enable IALA to conduct a kind of hybrid committee sessions with most participants participating physically, while some will participate virtually for various reasons.

However, it was also believed that doing away with physical meetings would not be the way forward. The effect of being together face to face, discussing challenges and solutions and the opportunity for social interaction would remain a high priority.

The Deputy Secretary-General thanked all PAP members, which includes the chairs and vice chairs of all committees, as well as LAP and IMC representatives, for their hard work as well as the Concillors for supporting them in contributing to the important work within IALA.

**The Council noted the report of PAP40.**

### **8.3 Change of status**

The Secretary-General mentioned that the Convention of the International Organization for Marine Aids to Navigation was adopted, which meant that the text is agreed by 50 States. Many of these have indicated that they were ready to sign the Convention as soon as it would be open for signatures.

The next step for the Secretariat was to prepare the General Regulations in a draft based on the adopted Convention. The draft General Regulation will be approved at the first General Assembly of the new Organization.

A draft HQ Agreement was being prepared by the French Ministry for Europe and Foreign Affairs. This will be discussed in the Legal Advisory Panel and finalized in due time before the entry into force of the Convention.

The councillor for France explained that the signing ceremony as agreed in Kuala Lumpur was originally planned during the World Peace Forum in Paris 11 - 13 November. The Forum had unfortunately to be cancelled due to the Pandemic and was conducted as a virtual event. The virtual forum was not suited for the signing of the convention. The present plan is, that the convention will be signed by the French Minister for Marine Affairs the first week of January 2021 during a small, internal ceremony in Paris and that the convention at the same time will open for signatures from interested States. This will be communicated together with the procedures for signing as soon as possible via the normal diplomatic channels to all concerned governments. The convention will be open for signatures for the next 12 months. The Convention will be open for accession by any State that is a member of the United Nations which has not signed the Convention from the day after the date on which this Convention closes for signature in accordance with the Convention article 18.

He also explained that the adopted convention is now ready in the six official languages of the new organization. The Depositary will, before the opening of the convention for signatures, transmit certified copies of these convention texts to all the signatory and acceding governments in accordance with Article 22 of the convention. He thanked the ministries and authorities that have been involved in the translation process.

**The Council noted the information provided.**

### **8.4 Legal Advisory Panel**

#### **8.4.1 Report of LAP21**

Input paper C72-8.4.1 refers

The LAP meeting was held virtual on 13 to 15 October with good participation from around the world.

The meeting reviewed the text of the Council Decision on Transitional Arrangements from the KL Convention, reviewed the Basic Documents, considered an input paper from ARM on the revision of the IMSAS Manual 2014 Annex 3 and considered another input paper from ARM about IALA Regions at the Poles.

**The Council noted the information provided.**

#### **8.4.2 Council Decision on the Transitional Arrangements from KL Convention**

Input paper C72-8.4.2 refers

The adopted Convention includes robust arrangements for a smooth transition in the annex – Transitional arrangements.

These arrangements will ensure that the activities of IALA's organs and its technical work in the area of Marine Aids to Navigation will continue uninterrupted and that its responsibilities towards the maritime community will be undiminished and maintained with the customary high level of commitment and expertise.

During the diplomatic process it was mentioned several times that it is important to pass a Council Decision through the present Council of IALA to make sure they will act in accordance with the intention in the Transitional Arrangements once the Convention has entered into force.

The Transitional Arrangements specify roles for the President, Vice President, the Council, The Secretary- General, the Secretariat and the Organs of IALA in the transition period.

**The council approved the Decision on the Transitional Arrangements from the KL Convention.**

#### 8.4.3 Basic Documents

Input paper C72-8.4.3 refers

The Legal Advisory Panel had suggested some changes to the Basic Documents, mostly of administrative/editorial nature.

The proposals were a change in the wording in article 2, paragraph 2.4 to include a matter that was elevated from the financial regulations, at paragraph 3.1 section 6 regarding how the General Assembly should be convened. Some additions were proposed in Article 4, paragraph 4.3, section 6 on the Council agenda items and some addition and deletion of text in 4.5 about the Election of the president and vice-president. Article 9 was proposed amended to allow the Secretary-General to make recommendations on changes to the General Regulations.

In the Terms of Reference and Rules of Procedure – Committees Article 2 was proposed amended to place the focus on the work program.

**The council approved the changes in the Basic Documents.**

#### 8.4.4 IALA Risk Register

The Risk Register follows the procedure described in the input paper C72-8.4.4.

The risk from the transition arrangements have been added since the last register in point 3.

The result of this process shows that IALA has few residual risks which are greater than low or medium and that risks faced by the association is assessed as static or falling.

**The council noted the information provided.**

## 9. FINANCE AND AUDIT COMMITTEE REPORT

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

### 9.1 Projected result and budget monitoring statement

Input paper C72-9.1 and Annex C72-9.1.1 refer.

A new presentation of the budget was presented, based on the format of the audited financial statements which includes the following elements:

- the follow up of the approved budget, as of 31 October 2020;
- a presentation of the Academy figures;
- a projection of the budget execution for the rest of the period (November to December); and
- a forecast of the final consolidated result that includes both IALA and Academy components.

Total revenue as of October 31, 2020 is 2,2 million euros out of 2,6 million euros budgeted (85%) and total expenses account for 1,9 million euros out of 2,4 million euros budgeted (80%).

**The Council noted the projected result and budget monitoring statements.**

## 9.2 Budget for 2021

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Input paper C72-9.2 refers.

With a view to better monitoring the budget, some changes were introduced to this document, specifically all income and expenses, including financial and non-recurring elements are now budgeted as they have a direct impact on the final result. The 2021 budget was established on the assumption that the global economic situation would return to normal by the middle of the year.

The expected total income amounts to K€2,476 and the total expenditure budget amounts to K€2,153.

Variable operating costs (travel, events etc.) have been reduced resulting from the foreseen impact of the global Pandemic (-9% in total).

Provisions were also estimated for a total amount of K€115, including a new provision for charges of K€35 in anticipation of the costs of the next Conference in Brazil in 2022.

**The Council approved the budget for 2021.**

## 9.3 Outline budget 2022-2024

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Input paper C72-9.3 refers.

In terms of revenues, the rate of membership contributions reflects a 3% increase for the National members category. No increase in membership fees is foreseen for Industrial and Associate members over the period.

The budget takes into account the organisation of the IALA Conference planned in Brazil in 2022 and the next Symposium in 2024. The costs of the Conference in Brazil should amount to K€100 in 2022 but will be partially compensated by the provision made in the balance sheet in 2021 for K€35.

With respect to the Industrial Members Committee events during the IALA Conference, the total cost estimated of K€200 was anticipated by a provision of K€65 in the 2020 accounts; then by another provision of K€65 in 2021 and by K€70 provided for in the 2022 budget.

Most of other budget items increase in proportion with low inflation.

**The Council noted the outline budget 2022-2024.**

## 9.4 Membership Contribution status

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Input paper C72-9.4 and Annex C72-9.4.1 refer.

The number of members has increased but K€579 was still due for the 2020 contributions and K€327 for outstanding late contributions as of October 31, 2020. In order to meet some of the demands of IALA members in difficulty this year, the following exceptional actions have been taken:

- The waiver of the 2019 contribution under the condition that 2020 fee is paid. This action concerns two industrial members: *Go Deep International Inc (Canada)* and *L3 Harris Technologies Inc. (USA)*. A 50% discount of the 2020 contribution was also granted to *DHI Group (Australia)*.
- A free membership for the period October-December 2020 for four members who joined IALA during that period: *Cerema EMF (France)* and *Port of Antwerp (Belgium)* as Associate members; *Offshore Maritime Subsea Advanced Technologies Inc. (Philippines)* and *Cyprus Turkish Coastal Safety and Salvage Co., Ltd. (Turkey)* as Industrial members.

A letter was also sent from the Secretariat to the members in difficulty. This action has resulted in many positive reactions from members and better collection of contributions in November and December.

**The Council noted the membership contribution status.**

## 10. INDUSTRIAL MEMBERS COMMITTEE

The representative from the IMC gave a short overview on the preparations for the Industrial exhibition and evening to be held during the conference in Rio in 2022. All plans were on track.

### 10.1 Report from Mid-Term Assembly

Input paper C72-10.1 refers.

The meeting of the IMC was held by video conference on the 6 October 2020 from 0900-1100 UTC. The meeting was chaired by the president Mr Marcel Tetu and was attended by 29 participants. The main topics discussed were the planning of the conference in Brazil in 2022 and the change in the terms of reference for the IMC as well as the introduction of code of conduct for Industrial members to be developed.

**The Council noted the report of the Mid-Term Assembly.**

### 10.2 Information on Terms of Reference

Input paper C72-10.2 refers.

The Industrial Members Committee will change its name to Industrial Members Group to be better in line with the constitution. The new Terms of Reference will replace the Bye-laws for the Industrial Members Group.

The IMC will then have Terms of Reference as all other subsidiary bodies of IALA.

**The Council noted the information on the Terms of Reference.**

### 10.3 Information on Code of Conduct

Input paper C72-10.3

A Code of Conduct will be developed by the IMC in conjunction with the secretariat to be adopted at the Industrial Members General Assembly in Brazil in 2022.

**The Council noted the information on the Code of Conduct.**

## 11. TECHNICAL ACTIVITIES

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

### 11.1 Committee work organisation

#### 11.1.1 Second half 2020 committee work summary

Input paper C72-11.1.1 refers.

All the committee meetings in the 2<sup>nd</sup> half of 2020 were held virtually for the first time in IALA. The virtual nature gave good opportunities for the people who participate in the meeting for the first time, and the number of participants for the committees was 546 in total.

Secretariat prepared a new dashboard area on the website where all the information were available with the works planned for the session, and calendar, presentation and the approval process. Also, the files sharing system has been updated, and a group emailing system has been provided. And also, familiarization sessions were conducted before the meetings for the participants who were not used to use the virtual settings.

Over 5 weeks, the committees were held in a bunch, and 204 working group and task group meetings were held during the period. 18 presentations were made during the periods; they are all recorded and uploaded on the IALA youtube channel.

The secretariat continues to closely monitor the impact of COVID, and it is planned that the meetings in the first half of 2021 will be held with the same virtual arrangements, and depending on the development of Pandemic, future meetings may be a hybrid arrangement.

**The Council noted the summary of the 2<sup>nd</sup> half of 2020 committee work.**

#### **11.1.2 Revised committee work programme 2018-2022**

Input paper C72-11.1.2 refers.

Even though the three committees cancelled in the 1<sup>st</sup> half of this year, the committees try to keep the momentum of working through inter-sessional correspondence group meetings. But not only IALA, the other international organisations' work also affected, so some of the cooperative tasks would run over into the next quadrennial work period.

The committees started planning the new 4 years work program, and this will be approved by the Council.

**The Council approved the updated Committee work programme for 2018-2022.**

#### **11.1.3 Committee meetings and events date in 2020 and 2021**

Input paper C72-11.1.3 refers.

Three of the planned events have been deferred to the year 2021, and at the moment, it is hard to predict that the event could be held as scheduled. The workshop on marine AtoN in the autonomous world which was planned to be held in Mar 2021 in Japan has been decided to be held as a virtual event.

The Netherlands raised that ARM and ENG were planned overlap as the IALA Symposium in April 2021. The secretariat mentioned that the participants to the ARM and ENG committee were less involved in activities of the symposium and that the flexibility of the online meetings over a long period of time may allow for participation to multiple events.

Japan noted that the workshop on AtoN Engineering (IALA BATT/IALA LITE) to be scheduled in Sidney by the second half of 2021 would be very close to the Conference 2022 and could pose a problem for the participation of industrials. Also the Heritage Seminar is planned for a duration of 2 days and therefore would benefit to be back to back with the ENG Committee.

**The Council noted the committee meetings and events dates in 2020 and 2021.**

*Action Item 3:*

*The Secretariat to investigate how best to coordinate the committee dates with the IALA Symposium week in 2021.*

## **11.2 ARM**

#### **11.2.1 ARM12 summary report**

Input paper C72-11.2.1 refers.

The 12th Session of the ARM Committee was held virtually from 28 September to 22 October 2020.

The Committee continued the work for the 2018-2022 work period. Working in three working groups, the Committee considered 66 input papers, including presentations and produced 36 output and working documents.

**The Council noted the summary report of ARM12.**

#### **11.2.2 Revised Recommendation R1016 Mobile Marine Aids to Navigation**

Input paper C72-11.2.2 refers.

The draft recommendation 1016, edition 2.0 is updated the definition part to include possible fit with AIS device transmitting message 21 on Mobile AtoN.

**The Council approved the revised recommendation R1016 Mobile Marine Aids to Navigation.**

### 11.2.3 Draft Guideline on the use of Mobile AtoN

Input paper C72-11.2.3 refers.

The guideline covers Mobile AtoN types, monitoring, reporting and discontinuation and responsibilities. At the meeting, councillors from Norway, Canada, UK, Germany proposed to add a sentence to support the work of the members in IEC meeting in Jan 2021.

*‘When deploying a MAtoN fitted with AIS, Competent Authorities should be guided by IALA A-126, Guidelines on the use of the Automatic Identification Systems (AIS) in Marine Aids to Navigation Services.’*

Council noted that regarding Mobile AtoN, VTS should be included for the operational impact in the discussion in a future discussion. The Council also noted that A-126 should be updated accordingly.

**The Council approved the new guideline on the use of Mobile AtoN under the condition that it would be sent to the VTS Committee for review. If there are changes, the guideline will go back to Council 73.**

### 11.2.4 Draft Guideline on the development of a description of a maritime service in the context of e-Navigation

Input paper C72-11.2.4 refers.

The aim of this guideline to assist members and other international organisations in the development and implementation of the Maritime Service (MS). IMO defined the initial descriptions of Maritime Services (MSC.1/Circ. 1610), and more maritime services will be further developed by international bodies and interested member states.

This document will assist in the production of a Maritime Service description and elaborate the inter-connection between the high-level description of the Maritime Services and the Technical Services.

**The Council approved the new guideline on the development of a description of a maritime service in the context of e-Navigation.**

### 11.2.5 Revised Guideline G1143 – Unique Identifiers for Maritime Resources

Input paper C72-11.2.5 refers.

ARM 13 polished the draft and incorporated comments on the definition of ‘uniqueness’, and clarification of the responsibility for ensuring uniqueness and giving several examples of MRN applicability to real-world scenarios.

**The Council approved the revised guideline G1143 on unique identifiers for Maritime Resources.**

### 11.2.6 Draft Guideline on Ship Reporting from a shore-based perspective

Input paper C72-11.2.6 refers.

The purpose of this guideline is to assist shore-based stakeholders with automating processes and procedures associated with VTS Reporting and ship reporting in general, while complying with national and regional reporting requirements and with IMO FAL Resolutions on ship reporting.

Automating these processes and procedures is expected to:

- Make them less labour intensive and error-prone.
- Ensure compliance with all applicable national and regional port entry regulations.
- More quickly identify abnormal reports that Shore-based Stakeholders will need to address through action, thereby reducing the time it takes to clear a ship for port entry.

The councillor from Norway suggested the guideline was reviewed further in coordination with the VTS Committee. Australia, Germany, Sweden, France and Italy supported this view.

**The Council decided to send the Draft Guideline on Ship Reporting from a shore-based perspective back to the ARM Committee for further discussion in the VTS Committee.**



#### *Action item 4*

*The secretariat to send the Draft Guideline on Ship Reporting from a shore-based perspective back to the ARM Committee and to the VTS Committee.*

### **11.3 ENG**

#### **11.3.1 ENG12 summary report**

Input paper C72-11.3.1 refers.

The 12th Session of the ENG Committee was held virtually from 30 September to 16 October 2020.

The Committee continued the work for the 2018-2022 work period. Working in three working groups, the Committee considered 58 input papers, including presentations and produced 13 output documents.

ENG 12 prepared 4 liaison notes, 2 draft recommendations and 1 guideline.

**The Council noted the summary report of ENG12.**

#### **11.3.2 Draft Recommendation on Terrestrial Radionavigation Services**

Input paper C72-11.3.2 refers.

In recognition of the known vulnerabilities with GNSS, this Recommendation supports resilient positioning, navigation and timing by inviting competent authorities to consider the provision of a terrestrial radionavigation service to complement GNSS.

While examples of potential terrestrial services are given, there is no single recommended service to follow. Reference is also made to the need for suitable receiver equipment on the vessel, one capable of using dissimilar positioning inputs.

**The Council approved the new Recommendation on Terrestrial Radionavigation Services.**

#### **11.3.3 Draft Recommendation on Provision of GNSS Augmentation Service for Maritime Applications**

Input paper C72-11.3.3 refers.

In support of the maritime use of Space Based Augmentation Systems (SBAS), and other such augmentation systems, this Recommendation invites providers to record details of their maritime services so to make it available in a common place and in a common format. Currently, there is no common way for SBAS providers to confirm a maritime use case for their services. Considering the anticipated growth of SBAS use for maritime, it's important that all stakeholders know what services are being offered and their configurations; without such confidence in the use of such systems may be low and the benefits may not be realized. This Recommendation aims to catalogue this information through a simple pro-forma with completed details included as an Annex to the Recommendation.

The councillor for China considered that this draft recommendation does not mention about possible SBAS services. The Council suggested to return the draft Recommendation to the Committee with the aim to provide a more explicit description of the types of services to be declared and to refine the declaration template according to the types of services.councillor

**The Council decided to send the Recommendation back to the ENG Committee to take into consideration the comments from China.**

#### *Action item 5*

*The secretariat to send the Recommendation on Provision of GNSS Augmentation Service for Maritime Applications back to the ENG committee to take into consideration the comments from China.*



### 11.3.4 Revised Guideline G1135 on Effective Intensity

Input paper C72-11.3.4 refers.

The purpose of this document is to describe how to calculate the effective intensity of a given flash of light when viewed at the IALA defined illumination threshold for visual signalling.

**The Council approved the revised Guideline G1135 on Effective Intensity .**

## 11.4 VTS

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### 11.4.1 VTS49 summary report

Input papers C71-11.4.1 refers.

The 49th Session of the VTS Committee was held virtually from 21 September to 15 October 2020.

The Committee progressed quite a lot of work through inter sessional work and during the meeting, the committee produced 6 of recommendations and guidelines for approval.

**The Council noted the VTS49 summary report.**

### 11.4.2 Revised Recommendation R0119 – Establishment of VTS and 11.4.6 Revised Guideline G1150 – Establishing, Planning and Implementing VTS

Input papers C72-11.4.2 and C72-11.4.6 refer.

The two documents were presented together.

A correspondence group was formed with the adoption of the VTS Action Plan to review and update Recommendation R0119, and Guideline 1150 and the work was continued in the committee session.

In reviewing the documents, the Committee recognized;

1. The need to highlight the regulatory framework for establishing VTS, including SOLAS, the IMO Resolution for VTS, IALA Standards and national law;
2. The guideline should draw on International guidance on concepts and processes that are considered to form good practice in project management where this already exists, ; and
3. The guideline should reflect IALA documentation that has been developed or updated since 2009 regarding VTS operations and risk assessment.

**The Council approved the revised Recommendation R0119 – Establishment of VTS and Revised Guideline G1150 – Establishing, Planning and Implementing VTS.**

### 11.4.3 Revised Recommendation R0103 (V-103) on Training and Certification of VTS personnel and 11.4.7 Draft Guideline on Recruitment, Training and Certification of VTS personnel

Input papers C72-11.4.3 and C72-11.4.7 refer.

Regarding the Recommendation R0103, Whole document has been updated to conform to the new IALA documentation structure and the Annex was transferred into draft Guideline 11.4.7.

The Recommendation provides the framework to assist competent authorities and VTS authorities recruit, train and assess VTS personnel to ensure the harmonised delivery of vessel traffic services world-wide.

And the guideline is to provide guidance on implementing practices associated with the recruitment training and assessment of VTS personnel to ensure that it is developed and harmonised in accordance with the IMO Guidelines for Vessel Traffic Services and the IALA standards, recommendations, guidelines and model courses.

This Guideline is associated with IALA *Recommendation R0103 (V-103) on Training and Certification of VTS Personnel*. Recommendation R0103 is a normative provision of IALA Standard 1050 Training and Certification. To demonstrate compliance with this recommendation the provisions of this guideline should be implemented.

The councillor from Australia asked for clarification on the naming of documents and particularly why was the old name kept in brackets. The Deputy Secretary-General indicated that this was a choice to ensure that documents are well recognized as they are already referred to in other international documents.

**The council approved the revised Recommendation R0103 (V-103) on Training and Certification of VTS personnel and Draft Guideline on Recruitment, Training and Certification of VTS personnel.**

#### **11.4.4 Draft Recommendation on Marine Aids to Navigation Awareness for Mariners**

Input paper C72-11.4.4 refers.

This is a new draft recommendation and RECOMMENDS that National Members bring the content of this Recommendation to the attention of the relevant maritime administration responsible for the implementation of the STCW Convention, maritime training institutes, organisations representing mariners of all types and other parties concerned.

The paper has been developed in conjunction with ARM during the committee period and become more comprehensive and in line with the SOLAS and STCW Conventions.

**The council approved Draft Recommendation on Marine Aids to Navigation Awareness for Mariners.**

#### **11.4.5 Revised Guideline G1089 – Provision of a VTS**

Input paper C72-11.4.5 refers.

This draft guideline is updated to be in line with revised IMO Resolution on VTS,

The purpose of this document is to provide guidance for the provision of VTSs to participating ships in a harmonized manner, in accordance with IMO Resolution and IALA standards.

What the committee is asking is to provisionally approve this document at this session, but the enforcement date of this guideline should be at the same day as the IMO Resolution enters into force when would be December 2021.

**The council approved the revised Guideline G1089 – Provision of a VTS.**

### **11.5 ENAV**

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#### **11.5.1 ENAV26 summary report**

Input papers C72-11.5.1 refers.

The 26th Session of the ENAV Committee was held virtually from 29 September to 23 October 2020.

The Committee considered 68 input papers, produced 14 output and working documents.

ENAV 26 sent 3 guidelines for approval.

**The Council noted the ENAV26 summary report.**

#### **11.5.2 Draft Guideline on Web Service based S-100 Data Exchange**

Input paper C72-11.5.2 refers.

This is a first draft on S-100 data exchange by via web services.

This technical standard will enable wider technical interoperability where the same service interface can be used for exchanging information regardless of operational use. It provides guidance on the application of *reliable and efficient* online Web Service based communication for the exchange of S-100 data.

The Guideline provides an overview of available technologies, standards and guidance documents and provides knowledge on the general aspects of the topic. For the underlying data model and API, and data interface of a S-100 Web Service, this refers to IHO, IEC SECOM, and IALA technical service description.

**The Council approved the new Guideline on Web Service based S-100 Data Exchange.**

#### **11.5.3 Draft Guideline on VDES R-Mode**

Input paper C72-11.5.3 refers.

The scope of this document sets out guidance for authorities to setup VDES R-Mode and developers to design a VDES R-Mode receiver or transmitter.

The document builds up on the stakeholder and system requirements and introduces the VDES R-Mode architecture. It defines the needed PHY and MAC layer essentials based on the VDES Specifications G1139. Further, the document provides support on how VDES R-Mode is setup in the VDES framework, the additional navigation data and outlines potential performance expectations under different conditions and environments.

**The council approved the new Guideline on VDES R-Mode.**

#### **11.5.4 Revised Guideline 1139 Edition 4 on Technical Specification of VDES**

Input paper C72-11.5.4 refers.

This bulky document provides technical characteristics on VDES in addition to the VDES overview guideline 1117.

Since ITU WRC-19, the document has been widely updated on the VDE Satellite component, to ensure the interoperability and compatibility between VDE-Terrestrial and VDE-Satellite.

More specifically, the annex D of the document on the VDES key parameters, downlink and uplink technical specifications, and the definitions on the link layers have been cleared.

The Councillor from Canada brought to the attention of the council that changes were made in VDES in November 2020 following a meeting of the ITU and therefore this revised guideline is no longer up to date. He suggested that the document would be sent back to the ENAV committee for further update. This view was supported by Norway and Germany.

**The council decided to send the Revised Guideline 1139 Edition 4 on Technical Specification of VDES back to the ENAV committee for further update.**

#### *Action item 6*

*The secretariat to send the Revised Guideline 1139 Edition 4 on Technical Specification of VDES back to the ENAV committee for further update.*

### **11.6 Committee work on S-200**

Input paper C72-11.6.1 refers.

During the second half committee sessions, the meetings have worked on various product specifications related issues. ARM discussed S-201, and decided to improve the S-201 implementation and extending the data model and the testbed.

And ARM agreed to create a new version of the feature catalogue addin missing definitions and roles and associations. The group worked on S-125 as well and prepared a liaison note to IHO as set out in the document 13.4.1.

And VTS committee is working on VTS digital information service PS, and the group will continue the work by inter sessional correspondence group.

And ENG reviewed and prepared the version 1.0.0 of S-240 on DGNSS almanac as the document C72-11.6.1.1.

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

## 12. WORLD-WIDE ACADEMY

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### 12.1 Progress report and future actions

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Input paper C72-12.1, C72-12.1.2 and C72-1-3 refer.

In his capacity as the Dean of the World-Wide Academy, Omar Frits Eriksson reported that the World-Wide Academy continued its successful work on education, training and capacity building.

The Academy Board has met twice since the last Council meeting and input papers C72-12-1.2 and 12.1.3 are the reports of these meetings.

Furthermore, there is input paper C72-12.1.1 which is the Academy progress report to the Council.

The progress report provides an overview of what has transpired so-far in 2020 and describes the three fundamental principles upon which the academy bases its work.

The first principle is about enlightening people on their responsibilities when it comes to SOLAS regulation 12 and 13. 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.

This year, the Pandemic has made it difficult for the Academy to produce its traditional results (requiring an extensive travel activity) and the Academy has therefore worked hard on developing its on-line value proposition and to improve its ability to produce results, despite the Pandemic.

The Academy is now successfully delivering the Level 1 AtoN Manager course and the AtoN Master course as distance learning.

On the first of December the Academy started delivering the first module of the Risk Management course as distance learning and other courses are under development, one of which is at course in conducting procurement of Aids to Navigation assets and services properly in the international marketplace.

The idea of such a procurement course was taken up with the Industrial Members Committee or Group as they are named now during their mid-term meeting in September and they welcomed the idea.

This course goes very well hand in hand with their idea of developing a Code of Conduct for Industrial Members which aims at combatting corruption and promoting honest and ethical business practices in the industry.

The Academy also continues to explore how to conduct virtual capacity building missions through a series of online meetings, beginning with fact-finding activities, followed up by more in-depth discussions on challenges at hand.

The Academy also engaged with the Government of Somalia in developing their thinking on how to improve safety of navigation in the approaches to Mogadishu harbour.

In summary, the World-Wide Academy has been very busy in 2020 despite the Pandemic situation.

Financially, it is expected to end 2020 with a fair financial reserve which will make the Academy somewhat more robust against possible fluctuation in sponsorships and allow it to be firmer in making commitments into the future.

The Dean thanked the many sponsors for their support, since the Academy would not exist without them and he also encouraged councillors to continue to support the Academy and continue the search for further funding of this very important activity within our Association.

**The Council noted the information provided.**

## 12.2 Academy Risk Register

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Input paper C72-12.2 refers.

The Dean explained that while most risk factors are unchanged or reducing, the probability of loss of major sponsorship remains the highest risk factor and must be continuously mitigated through effective briefing of all our sponsors as well as sponsorship diversification.

As mentioned, the COVID-19 Pandemic has made it difficult for the Academy to produce its traditional results, which may also affect willingness to sponsor. This is being mitigated through an improvement and increase of internet-based activities in relation to both training and capacity building missions.

**The Council noted the information provided on the Academy Risk Register.**

## 13. INTERNATIONAL

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### 13.1 CIRM

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#### 13.1.1 Liaison note to CIRM on the Effect of Radars on Racons in Busy Harbours

Input paper C72-13.1.1 refers.

The liaison contains the opinion that IALA has sought updates from both ETSI TGMARINE and the German Waterways and Shipping Agency (WSV); and will consider its policy as suggested.

**The Council approved the Liaison note to CIRM on the Effect of Radars on Racons in Busy Harbours.**

*Action item 7*

*The Secretariat to forward the liaison note on the Effect of Radars on Racons in Busy Harbours to CIRM.*

#### 13.1.2 Liaison note to CIRM on Enhanced Radar Positioning System

Input paper C72-13.1.2 refers.

The document introduces the ERPS which could be a complementary system to GNSS in support of resilient PNT service. IALA believes there is a great benefit. and the Standardization with IMO, ITU and others will be necessary; and the compliance to standards will require cooperation from radar and racon manufacturers.

**The Council approved the Liaison note to CIRM on Enhanced Radar Positioning System.**

*Action item 8*

*The Secretariat to forward the liaison note on Enhanced Radar Positioning System to CIRM.*

### 13.2 ETSI

#### 13.2.1 Liaison note to ETSI TGMARINE on Radar Standards

Input paper C72-13.2.1 refers.

The liaison note is to ETSI working group on TGMARINE which is working on the standard for solid-state radar for use / on inland waterways and ENG is asking the group to invite IALA on this matter.

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

*Action item 9*

*The Secretariat to forward the liaison note on Radar Standards to ETSI TGMARINE.*

## 13.3 RTCM

### 13.3.1 IALA response to RTCM liaison note on SC104 & SC134 activities

Input paper C72-13.3.1 refers.

Document 13.3.1 is a liaison reply to RTCM on the SC-104 and 134 works. Regarding the three questions from RTCM, ENG prepared the answers as stated in the discussion part. And this paper request RTCM to provide an advance copy of RTCM 2.4 standard, and keep inform IALA about the future updates on the RSIM standard.

**The council approved the IALA response to RTCM liaison note on SC104 & SC134 activities.**

*Action item 10*

*The Secretariat to forward the liaison note on SC104 & SC134 activities to RTCM.*

## 13.4 IHO

### 13.4.1 Liaison note to IHO NIPWG on 'Marine Navigational Services Product Specification – Vision outline'

Input paper C72-13.4.1 refers.

ARM is developing the S-125 product specification on marine navigational services product which will be the public-facing product specification of Aids to Navigation information. This note includes the information of ARM on S-125 development and shares it with NIPWG.

ARM will keep inform NIPWG on the development.

**The council approved the liaison note to IHO NIPWG on 'Marine Navigational Services Product Specification – Vision outline'.**

*Action item 11*

*The Secretariat to forward the liaison note on Marine Navigational Services Product Specification – Vision Outline to IHO NIPWG.*

## 13.5 IMO

### 13.5.1 MSC102

Input paper C72-13.5.1 refers.

The 102nd session of IMO's Maritime Safety Committee (MSC) was held remotely from 4 to 11 November 2020.

MSC approved a draft Assembly resolution on Guidelines for Vessel Traffic Services which is a revision of resolution A.857(20). The IMO Assembly 32 will be held in December 2021, and this is a significant achievement of IALA that the resolution is directly referring to IALA guidance.

As regards the satellite navigation systems.

- All ships shall have on board a receiver for a recognized global navigation satellite system or a terrestrial radio navigation system. Operators include, for example, GPS (USA), Galileo (EU), GLONASS (Russia) and BeiDou (China).
- The MSC 102 recognized the Indian Regional Navigation Satellite System (IRNSS) as a component of the World-Wide Radio Navigation System for the provision of positioning, navigation and timing services.
- The MSC 102 also approved draft performance standards for receivers for the Quasi-Zenith Satellite System (QZSS) which is under establishment by Japan.

As regards, the Covid-19 measures

- Approved an MSC circular containing the industry-developed recommended framework of protocols for ensuring safe ship crew changes and travel during the Covid-19 Pandemic
- Agreed to develop a universal logo/symbol to aid seafarers to access and navigate available services

Agreed to make information on ports facilitating crew changes available in IMO's online information database GISIS

**The Council noted the information on MSC102.**

## **14 IALA CONFERENCES AND SYMPOSIA**

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### **14.1 2020(2021) - 14<sup>th</sup> Symposium – The Netherlands**

The councillor for The Netherlands reported that the dates of the Symposium had to be changed again due to IMO planning a meeting at the same time. The dates are now 12 to 16 April 2021. Also during the evolution of the COVID-19 Pandemic, the symposium will have to be held virtually. The updated programme is under development and will be on the symposium website in January. Registration will also be available from January. The Netherlands are to contact the IMC Representative to give information about the possibilities offered to Industrial members for this event.

**The Council noted the new dates for the Symposium: 12 to 16 April 2021.**

### **14.2 2022 – 20<sup>th</sup> Conference – Brazil**

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Capt. Alberto Piovesana Jr. gave an update on the preparation of the conference. He showed to the councillors a proposed timing for the conference from the 28 of May to 4 of June 2022. Councillors could see the photos of the venue and possible activities for the partner programme. The IMC evening location remains to be determined. The dedicated website for the conference is expected to be launched in February 2021. He also reminded councillors that sponsors are welcome.

**The Council noted the information provided.**

### **14.3 2024 – 15<sup>th</sup> Symposium**

Input papers C72-14.3, C72-14.3.1 and 14.3.2 refer.

At the 71st session of the Council it was decided to invite all members to show interest in hosting the event and present the result at the next Council in December. Singapore expressed interest in hosting the event in Singapore.

As a result of the Circular Letter 05-2020 (CL05-2020) sent to all National members on June 29, 2020 the Secretariat received by the deadline date November 15 two official letters of proposal to host the 15th IALA Symposium 2024, namely:

Singapore: Maritime and Port Authority of Singapore

Republic of Korea: Korea Coast Guard under the auspice of Ministry of Oceans and Fisheries

The letters are input documents C72-14.3.1 and C72-14.3.2 and it is up to the Council to decide on the host for the symposium.

Korea and Singapore gave excellent presentations regarding their intentions to host the 15<sup>th</sup> Symposium. The Secretary-General then provided a list of locations from previous events to help councillor make a well documented decision about the venue for the 15<sup>th</sup> Symposium.

The Secretary-General mentioned the ambition of having major events hosted by different National members around the world and that the Conference in 2018 was hosted by Korea.

The councillor from Korea noted that they have a strong interest in hosting the IALA VTS Symposium and are planning to make bids for the IALA VTS Symposium 2028.

**The Council decided on that basis that Singapore will be the host of the 15<sup>th</sup> IALA Symposium.**

### **14.4 2026 – 21st Conference - India**

There was nothing to report under this Agenda item.



## 14.5 World Marine Aids to Navigation Day

Input paper C72-14.5 refers.

At the last session of the Council the postponement of the official celebrations in Bulgaria and Japan to the following year, 2021 due to the ongoing COVID-19 Pandemic was announced.

However, despite of the Pandemic, the World Marine Aids to Navigation Day (World Marine AtoN Day) 2020 was successfully celebrated globally via social medias by many IALA members.

The excellent contributions from members are available for viewing on the IALA web site.

It was the plan to hand over the beautiful trophy to Brazil in celebration of the Lighthouse of the year 2020 - the Santo Antonio da Barra lighthouse as the heritage lighthouse. The trophy was handed over virtually.

Congratulation to Brazil and thank you very much to Korea for again offering the very nice trophy to the winning authority.

**The council noted the information provided.**

## 15 MEMBERSHIP

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### 15.1 Applications for membership

Finance and Administration Manager, Christine PHILIP introduced the input papers related to membership.

Input paper C72-15.1 refers. An additional input paper C72-15.1.1 concerning late submissions was provided during the meeting.

**The Council approved Industrial membership for:**

- Sternula APS, *Denmark*
- AMG Microwave, *France*
- Offshore Maritime Subsea Advanced Technologies Inc., *Philippines*
- Cyprus Turkish Coastal Safety and Salvage Limited Company, *Turkey*
- 
- Anayurt Savunma San Ltd Şti, *Turkey*
- PT Lestari Marina Utama, *Indonesia*
- Nash Maritime Ltd, *United Kingdom*
- PT Geotindo Mitra Kencana, *Indonesia*
- Koç Bilgi ve Savunma Teknolojileri A.Ş (KoçSavunma), *Turkey*
- Xanatos Marine Ltd; *Canada*

**The Council approved Associate membership for:**

- Victorian Regional Channel Authority, *Australia*
- Port of Antwerp, *Belgium*
- Cerema EMF, *France*
- Engie Solutions, *Belgium*
- The Sasakawa Peace Foundation, *Japan*

### 15.2 Resignations from membership

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Input paper C72-15.2 refers.

**The Council noted the resignations from Industrial membership of:**

- Skywave and Orbcomm Co., *USA*
- IXBlue, *France*

**The Council noted the resignations from Associate membership of:**

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- Emtel S.A, *Poland*

**The Council noted the changes in membership:**

- Harris Corporation. *USA* is renamed L3Harris Technologies Inc.
- Meritaito Ltd-SeaHow, *Finland* is renamed Arctia-Seahow
- Membership contribution tied to Tideland Signal will now be handled by Orga BV, *the Netherlands*.

### 15.3 Terminations or suspensions of membership

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Input paper C72-15.3 refers.

**The Council approved the terminations of industrial membership for:**

- M/S Navaid Energy Private Ltd, *India*
- IRM Offshore and Marine Engineers Pvt. Ltd, *India*
- Kosolar Co., Ltd, *Rep of Korea*
- Dongjoo Engineering Co., Ltd, *Rep of Korea*

**The Council approved the termination of associate membership for:**

- ITO S.r.l, *Italy*

**The Council noted the update concerning the three national members suspended by Council 69:**

- Office National de Signalisation Maritime, *Algeria*
- Direction Générale de la Marine Marchande, *Rep of Congo*.
- Nigerian Ports Authority, *Nigeria*.

The rights of these three members remain suspended but their situation may be reviewed at the next Council session 73 if debts are settled.

## 16 IALA COMMUNICATION TOOLS

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Communication officer Audrey Guinault introduced all of Agenda point 16.1 and 16.2.

### 16.1 Website

During the Pandemic several updates have been made through the latest news section. Also IALA has been implementing new tools of communications to continue to progress the work of the committees throughout the Pandemic. The Committee Dashboards were created under the meeting docs section to facilitate the virtual committee meetings. A new file sharing system connected to the users of the website was also put in place for facilitating the committees work. The secretariat is working on improving further these tools for the members. A section dedicated to Heritage and the lighthouse of the year is also under development.

### 16.2 Other media

IALA has company pages on social media where relevant news are posted regularly. Councillors were invited to follow the IALA company page on the different social media.

During the Pandemic it has become clear that more emphasize should be given to digital solutions and social media and it has therefore, and after consultation with some users of the Bulletin, been decided to stop the printed version of the Bulletin from the end of 2020.

**The council noted the information provided.**

## 17 ANY OTHER BUSINESS

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There was no other business.

## 18 DATES AND PLACES FOR NEXT MEETINGS

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

- Session 73: 7-11 June 2021 (week 25), Rio de Janeiro, Brazil
- Session 74: 13-17 December 2021 (week 50), IALA Headquarters
- Sessions 75 & 76 : 29 May & 4 June 2022, Rio de Janeiro, Brazil

The councillor for Morocco mentioned it is important to maintain a virtual facility for the council meeting in order to encourage Council members to participate and to continue the experienced digitalisation following the Covid-19 Pandemic.

The President closed the meeting at 12:30 CET on Thursday 10 December 2020, thanking all participants for their high quality in in-depth participation. She expressed special thanks to the Secretariat for arranging an efficient and successful distance meeting. She also said she looked forward to face to face meetings being possible again and wished everyone a good health.

## ANNEX A – AGENDA FOR THE MEETING

### APPROVED AGENDA

ITEM		ACTION REQUESTED
1.	PRESIDENT'S OPENING REMARKS	Note
2.	APOLOGIES FOR ABSENCE	Note
3.	APPROVAL OF THE AGENDA	
3.1	Draft Agenda	Approve
4.	VACANT POSITIONS WITHIN COUNCIL	Note
5.	REPORT OF THE 71 <sup>st</sup> SESSION	
5.1	Matters arising from the session	Note
6.	REPORT BY THE SECRETARY GENERAL	Note
7.	NATIONAL MATTERS	Note
8.	STRATEGY AND POLICY	
8.1	Current Drivers and Trends	Approve
8.2	Policy Advisory Panel	Note
8.2.1	Report of PAP40	
8.3	Change of status	Note
8.4	Legal Advisory Panel	Note
8.4.1	Report	Note
8.4.2	Council Decision on the Transitional Arrangements from KL Convention	Approve
8.4.3	Basic Documents	Approve
8.4.4	IALA Risk Register	Consider
9.	FINANCE AND AUDIT COMMITTEE REPORT	
9.1	Projected result and budget monitoring statement	Note
9.2	Budget for 2021	Approve
9.3	Outline budget 2022-2024	Note
9.4	Membership contributions status	Note
10.	INDUSTRIAL MEMBERS COMMITTEE	
10.1	Report from Mid-Term Assembly	Note
10.2	Information on Terms of Reference	Note

ITEM		ACTION REQUESTED
<b>10.3</b>	<b>Information on Code of Conduct</b>	Note
<b>11.</b>	<b>TECHNICAL ACTIVITIES</b>	
<b>11.1</b>	<b>Committee work organisation</b>	
11.1.1	2 <sup>nd</sup> half 2020 Committee work summary	Note
11.1.2	Revised Committee work programme 2018-2022	Approve
11.1.3	Committee meetings and events dates in 2020 and 2021	Note
<b>11.2</b>	<b>ARM</b>	
11.2.1	ARM12 summary report	Note
11.2.2	Revised Recommendation R1016 Mobile Marine Aid to Navigation (MAtoN)	Approve
11.2.3	Draft Guideline on the use of Mobile AtoN	Approve
11.2.4	Draft Guideline on the development of a description of a maritime service in the context of e-Navigation	Approve
11.2.5	Revised Guideline G1143 – Unique Identifiers for Maritime Resources	Approve
11.2.6	Draft Guideline on Ship Reporting from a shore-based perspective	Approve
<b>11.3</b>	<b>ENG</b>	
11.3.1	ENG12 summary report	Note
11.3.2	Draft Recommendation on Terrestrial Radionavigation Services	Approve
11.3.3	Draft Recommendation on Provision of GNSS Augmentation Service for maritime applications	Approve
11.3.4	Revised Guideline 1135 on Effective Intensity Revision	Approve
<b>11.4</b>	<b>VTS</b>	
11.4.1	VTS49 summary report	Note
11.4.2	Revised Recommendation R0119 - Establishment of VTS	Approve
11.4.3	Revised Recommendation R0103 (V-103) on Training and Certification of VTS personnel	Approve
11.4.4	Draft Recommendation on Marine Aids to Navigation Awareness for Mariners	Approve
11.4.5	Revised Guideline G1089 - Provision of a VTS	Approve
11.4.6	Revised Guideline G1150 - Establishing, Planning and Implementing VTS	Approve
11.4.7	Draft Guideline on Recruitment, Training and Certification of VTS Personnel	Approve
<b>11.5</b>	<b>ENAV</b>	
11.5.1	ENAV26 summary report	Note
11.5.2	Draft Guideline on Web Service based S-100 Data Exchange	Approve
11.5.3	Draft Guideline on VDES R-Mode	Approve
11.5.4	Revised Guideline 1139 Edition 4 on Technical Specification of VDES	Approve
<b>11.6</b>	<b>S-200 development</b>	
11.6.1	Committees work on S-200	Note
<b>12.</b>	<b>WORLD-WIDE ACADEMY</b>	
<b>12.1</b>	<b>Progress report and future actions</b>	Note

ITEM		ACTION REQUESTED
12.2	Academy Risk Register	Note
13.	<b>INTERNATIONAL</b>	
13.1	<b>CIRM</b>	
13.1.1	Liaison Note to CIRM on the Effect of Radars on Racons in Busy Harbours	Approve
13.1.2	Liaison Note to CIRM on Enhanced Radar Positioning System	Approve
13.2	<b>ETSI</b>	
13.2.1	Liaison Note to ETSI TGMARINE on Radar Standards	Approve
13.3	<b>RTCM</b>	
13.3.1	IALA response to RTCM Liaison Note on SC-104 & SC-134 activities	Approve
13.4	<b>IHO</b>	
13.4.1	Liaison Note to IHO NIPWG on “Marine Navigational Services Product Specification – Vision outline”	Approve
13.5	<b>IMO</b>	
13.5.1	MSC 102	Note
14.	<b>CONFERENCES, SYMPOSIA AND OTHER EVENTS</b>	
14.1	2020(2021) – VTS-e-Navigation Symposium – The Netherlands	Note
14.2	2022 – 20 <sup>th</sup> Conference – Brazil	
14.3	2024 – 15th Symposium	Note
14.4	2026 – 21 <sup>st</sup> Conference – India	Decide
14.5	World Marine Aids to Navigation Day	Note
15.	<b>MEMBERSHIP</b>	
15.1	Applications for Membership	Approve
15.2	Resignations from and Changes in Membership	Note
15.3	Terminations or suspensions of Membership	Decide
16.	<b>COMMUNICATION</b>	
16.1	Website	Note
16.2	Other media	Note
17.	<b>ANY OTHER BUSINESS</b>	
18.	<b>DATES AND VENUES FOR NEXT MEETINGS</b>	Note

## ANNEX B – LIST OF PARTICIPANTS

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## ANNEX C – ACTION ITEMS

### *Action item 1*

*The Councillors from Singapore and the Netherlands to submit and input paper on MASS to PAP.*

### *Action item 2:*

*The Secretariat to update the Drivers and Trends document to to version 2.0 taking into account the positions expressed in input papers C72-8.1.1 and C72-8.1.2 and provide as input to C73.*

### *Action Item 3:*

*The Secretariat to investigate how best to coordinate the committee dates with the IALA Symposium week in 2021.*

### *Action item 4*

*The Secretariat to send the Draft Guideline on Ship Reporting from a shore-based perspective back to the ARM Committee and to the VTS Committee.*

### *Action item 5*

*The Secretariat to send the Recommendation on Provision of GNSS Augmentation Service for Maritime Applications back to the ENG committee to take into consideration the comments from China.*

### *Action item 6*

*The Secretariat to send the Revised Guideline 1139 Edition 4 on Technical Specification of VDES back to the ENAV committee for further update.*

### *Action item 7*

*The Secretariat to forward the liaison note on the Effect of Radars on Racons in Busy Harbours to CIRM.*

### *Action item 8*

*The Secretariat to forward the liaison note on Enhanced Radar Positioning System to CIRM.*

### *Action item 9*

*The Secretariat to forward the liaison note on Radar Standards to ETSI TGMARINE.*

### *Action item 10*

*The Secretariat to forward the liaison note on SC104 & SC134 activities to RTCM.*

### *Action item 11*

*The Secretariat to forward the liaison note on Marine Navigational Services Product Specification – Vision Outline to IHO NIPWG.*

## ANNEX D – RECORD OF DECISIONS OF THE 72nd SESSION OF THE IALA COUNCIL

The council approved the Decision on the Transitional Arrangements from the KL Convention (C72-8.4.2).

The council approved the changes in the Basic Documents (C72-8.4.3).

The Council approved the budget for 2021 (C72-9.2).

The Council approved the updated Committee work programme for 2018-2022.

The Council approved the revised recommendation R1016 Mobile Marine Aids to Navigation.

The Council approved the new guideline on the use of Mobile AtoN.

The Council approved the new guideline on the development of a description of a maritime service in the context of e-Navigation.

The Council approved the revised guideline G1143 on unique identifiers for Maritime Resources.

The Council decided to send the Draft Guideline on Ship Reporting from a shore-based perspective back to the ARM Committee for further discussion in the VTS Committee.

The Council approved the new Recommendation on Terrestrial Radionavigation Services.

The Council decided to send the Draft Recommendation on Provision of GNSS Augmentation Service for Maritime Applications back to the ENG Committee to take into consideration the comments from China.

The Council approved the revised Guideline G1135 on Effective Intensity Revision.

The Council approved the revised Recommendation R0119 – Establishment of VTS and Revised Guideline G1150 – Establishing, Planning and Implementing VTS.

The council approved the revised Recommendation R0103 (V-103) on Training and Certification of VTS personnel and Draft Guideline on Recruitment, Training and Certification of VTS personnel.

The council approved the Draft Recommendation on Marine Aids to Navigation Awareness for Mariners.

The council approved the revised Guideline G1089 – Provision of a VTS.

The Council approved the new Guideline on Web Service based S-100 Data Exchange.

The council approved the new Guideline on VDES R-Mode.

The council decided to send the Revised Guideline 1139 Edition 4 on Technical Specification of VDES back to the ENAV committee for further update.

The Council approved the Liaison note to CIRM on the Effect of Radars on Racons in Busy Harbours (C72-13.1.1).

The Council approved the Liaison note to CIRM on Enhanced Radar Positioning System (C72-13.1.2).

The council approved the Liaison note to ETSI TGMARINE on Radar Standards (C72-13.2.1).

The council approved the IALA response to RTCM liaison note on SC104 & SC134 activities (C72-13.3.1).

The council approved the liaison note to IHO NIPWG on 'Marine Navigational Services Product Specification – Vision outline' (C72-13.4.1).

The Council decided that Singapore will be the host of the 15<sup>th</sup> IALA Symposium.

The Council approved Industrial membership for:

- Sternula APS, *Denmark*
- AMG Microwave, *France*
- Offshore Maritime Subsea Advanced Technologies Inc., *Philippines*
- Cyprus Turkish Coastal Safety and Salvage Limited Company, *Turkey*
- Anayurt Savunma San Ltd Şti, *Turkey*
- PT Lestari Marina Utama, *Indonesia*
- Nash Maritime Ltd, *United Kingdom*

- PT Geotindo Mitra Kencana, *Indonesia*
- Koç Bilgi ve Savunma Teknolojileri A.Ş (KoçSavunma), *Turkey*
- Xanatos Marine Ltd; *Canada*

**The Council approved Associate membership for:**

- Victorian Regional Channel Authority, *Australia*
- Port of Antwerp, *Belgium*
- Cerema EMF, *France*
- Engie Solutions, *Belgium*
- The Sasakawa Peace Foundation, *Japan*

**The Council approved the terminations of industrial membership for:**

- M/S Navaid Energy Private Ltd, *India*
- IRM Offshore and Marine Engineers Pvt. Ltd, *India*
- Kosolar Co., Ltd, *Rep of Korea*
- Dongjoo Engineering Co., Ltd, *Rep of Korea*

**The Council approved the termination of associate membership for:**

- ITO S.r.l, *Italy*

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

- Session 73: 7-11 June 2021 (week 25), Rio de Janeiro, Brazil
- Session 74: 13-17 December 2021 (week 50), IALA Headquarters
- Sessions 75 & 76 : 29 May & 4 June 2022, Rio de Janeiro, Brazil



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