



REPORT OF THE 63RD SESSION OF THE IALA COUNCIL

(13-16 December 2016, IALA Headquarters, France)



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OPENING

The 63rd session of the IALA Council was held at IALA Headquarters in Saint-Germain-en-Laye, France.

The meeting was opened by Mr. Juan Francisco Rebollo, IALA President.

1. PRESIDENT' OPENING REMARKS

The IALA President thanked warmly the participants who, for some of them, had crossed more than half of the world to be present at the meeting and welcomed the delegates who were in attendance for the first time as representatives of: Australia Mr. Mick Kinley, Japan Vice Admiral Kazuo Yagi, Portugal Captain José Guerreiro Cardoso and Senegal Mr. Ousseynou Ndiaye, as well as the many Councillor assistants and observers, not forgetting the IALA Secretariat. The President also warmly welcomed the new Dean of the World-Wide Academy Mr. Omar Frits Eriksson.

Special thanks went to Mr Charles Tellier of the French Ministry of Foreign Affairs who inform the Council of the progress made in the diplomatic process for the change of the IALA status to an Intergovernmental Organization.

2. APOLOGIES FOR ABSENCE

The President informed the Council that apologies for absence had been received from David Gordon of South Africa and from the two regular IMC observers Clive Quickenden and John Sugarman, indicating that Clive Quickenden had sent a substitute.

Two Councillors indicated that they were able to attend on the first day only but had arranged replacements:

- Mr. Denamur of France would be replaced by Mrs. Piszcz, and
- Mr. Kim of Korea would be replaced by Mr. Lee.

3. APPROVAL OF THE AGENDA

The draft Agenda (input paper C63-3.1) was approved with the addition of item 8.5 regarding IALA strategic vision. The draft Programme for the Week (input paper C63-3.2.1) was noted. The approved Agenda is at Annex A.

4. VACANT POSITION WITHIN COUNCIL

Secretary-General Francis Zachariae reported that this had become a standard Agenda item to cater for any position within the Council becoming vacant but there was no vacancy to discuss under this Agenda item at the session.

5. REPORT OF THE 62nd SESSION

Input paper C63-5.1 refers.

All action items from the 62nd Council session were noted as completed or in hand. Nominations for ENAV Committee chairmanship and vice-chairmanship were to be discussed under Agenda item 11.4, ENAV.

6. NATIONAL MATTERS

All participants reported on national matters of particular interest to the Council.

Councillors from China, Finland and Sweden used presentations to support their reports. These presentations are available from the IALA Website in Council area under Agenda item 20. Presentations.



7. REPORT BY THE SECRETARY-GENERAL

Secretary-General Francis Zachariae presented his sincere condolences, on behalf of IALA, to the representative of Turkey for the recent terrorist attacks that made many victims in this country. He then presented his report to the Council (input paper C63-7), highlighting the following:

- IALA is very successful and has more members than ever, and such a success is mainly due to the work of the Committees, the achievements of which are available world-wide; the World-Wide Academy proved to be an efficient recruitment platform and the IGO project triggers interests, especially after the submission of an information paper to IMO.
- The increase in membership results in an increase of work load.
- The Secretariat is working on the Strategic Vision.
- The new IALA image created in 2016 will be implemented at IALA Headquarters with office space reorganisation and redecoration.

8. STRATEGY AND POLICY

8.1. Policy Advisory Panel

Deputy Secretary-General Michael Card presented the report of the 32nd meeting of the Policy Advisory Panel (input paper C63-8.1), which was held at IALA Headquarters in October 2016. The meeting concentrated on Standards and on definitions and content of Recommendations and Guidelines. Participants also heard reports from the Committee Chairs and IMC. Preliminary work on the revision of the Strategic Vision has started and should be continued at PAP33. Coordination of VTS and ENAV was another topic for discussion and this will continue after a first meeting held in Kuala Lumpur after VTS42 had closed. The conclusions reached are promising for a future coordination between the two Committees. Finally, there were discussions on the “Technical Direction Statements”, a very first version of which had been submitted to Council 62 and which need a better title. The Secretariat continues to work on the document and an early draft can be expected for Council 64.

The Council noted the report and expressed their appreciation of the initiative towards a coordination between VTS and ENAV.

8.2. Council Advisory Group on Change of Status (CoS)

Secretary-General Francis Zachariae reported that again the CoS had met electronically for the 4th meeting, the purpose of which was to consider the status of the project action plan and the draft General Regulations for IALA as an IGO after the document had been reviewed by the 17th session of the Legal Advisory Panel.

8.2.1. Status of action plan

Input papers C63-8.2, C63-8.2.1 and C63-8.2.1.1 refer.

Secretary-General Francis Zachariae reported that two actions – communications and finance – had been completed and efforts now concentrated on diplomatic actions and the draft Convention text, together with the draft General Regulations, the last step being to have a Headquarters Agreement with the Government of France as the Host Nation. The draft Convention text had been approved at the last Council session and the draft General Regulations were to be agreed at this session under Agenda item 8.2.2.

With regard to diplomatic action the representative of the French Ministry of Foreign Affairs said that the Ministry was strongly committed to the success of the project and he reported on the following current and future actions by the Government of France:

Letters were ready to go to the Ministries of Foreign Affairs of all countries in which IALA has national members. They would be remitted by the French Embassies to the persons or departments within the Ministries as indicated



by the national points of contact nominated by the national members. The purpose is to explain that France would be happy to host a pre-diplomatic conference to consult with all countries with a view to create a legally binding international convention.

Mr. Tellier stressed the importance of working with Ministries of Foreign Affairs from the beginning and involving their legal departments. He added that the pre-diplomatic conference may be following by others, as necessary. France would continue the consulting process, issuing letters and checking that everything is on track.

Questions from the floor opened the discussions and received answers on the following issues:

- French has been added as a working language: it is normal practice in IGOs as an added value to a democratic procedure that ensures a better understanding. It is also a constitutional issue in France.
- Active support by national members had been requested at Council session 62: expression of support is needed from the States and an approach through the Ministries of Foreign Affairs is more appropriate.
- The parent Ministries of national members have to be made aware of the issues to be addressed: the French Ministry of Foreign Affairs will collect the comments received and share the results of the first consultation.
- The national members need to be given a way to know when and to whom the letters have been sent: copies will be sent to the national points of contact nominated by national members, who can inform the member accordingly.
- Korea in 2018 may be appropriate for the Diplomatic Conference but the road map giving 2018 as the target date may be reviewed according to the progress made. The Diplomatic Conference will be held when all States are ready to meet and sign the Convention.
- There may be questions by the States about the future relationship with IMO.
- It is important that the national points of contact liaise with their Ministries of Foreign Affairs and ensure that both the relevant and Foreign Affairs Ministries are in attendance at the pre-diplomatic conference.

In concluding Mr. Tellier said that he was rather positive about a Diplomatic Conference in 2018.

The Councillor for Norway advised that Norway had voted against the proposal at the 2014 General Assembly but now Norway is supporting the diplomatic process towards a successful change of IALA status.

8.2.2. Draft IALA General Regulations (as an IGO)

Input paper C63-8.2.2 refers.

Secretary-General Francis Zachariae informed the Council that comments had been received and incorporated into the input paper.

The President then invited the Councillors to go through the document and make comments. A few comments were made, on the following articles:

- ❖ *Article 2.5 – Contributions and Fees*: the Councillor for Japan wondered whether the Council was entitled to determine the amount of contributions and fees and if this shouldn't be a task for the General Assembly. The Secretary-General answered that this is in line with the draft Convention text as it was approved by the IALA Council but the Diplomatic Conference may decide otherwise.
- ❖ *Article 2.6 – Suspension and Reinstatement of Associate and Affiliate Membership*: the Councillor for Malaysia asked about the procedure for suspending voting rights of Contracting Parties. The Secretary-General answered that this was covered in the draft Convention text and not copied into the General Regulations.
- ❖ *Article 3.5 – Election of the Council (b)*: The Councillor for Japan remarked that there was no practical system to distribute representation regionally and this may be provided for in the Convention. This has been discussed extensively at LAP. It is meant as an intention and is in line with IMO and other conventions.
- ❖ *Article 4.3 – Organisation of Council Meetings (b)*: the Councillor for The Netherlands drew the Council's attention to the costs involved in having members submitting papers in French. This was considered as a matter for the Diplomatic Conference.
- ❖ *Article 6.2 – [Committees and Other Bodies] Appointment of Chair and Vice Chair*: the Councillor for

Malaysia said that Chairs are normally elected for a limited period of time. The Secretary-General answered that this question would be discussed with the LAP Chair.

- ❖ *Article 7.1 – Appointment of the Secretary-General:* the Councillor for Japan questioned the selection method for the Secretary-General through a selection panel, while IGO Secretaries-General are normally elected. Again this would be a matter for the Diplomatic Conference.

On the same article the Councillor for Malaysia remarked that there was no provision for immunities for the Secretary-General. The answer was that this will be an aspect of the Headquarters Agreement with the Host Nation.

- ❖ *Annex B – Membership Rights and Benefits:* the Councillor for Japan mentioned the need to adjust the list of rights and benefits according to the current benefits offered by IALA to its members with regard to the future the IALA Bulletin.

The Council approved the draft General Regulations for IALA as an IGO for use as a draft by the pre-diplomatic conference, taking account of a possible amendment of Article 6.2 on the duration of the mandate of Committee Chairs and Vice Chairs.

The Councillor for Japan commented that Japan would make further comments at the pre-diplomatic conference.

8.3. Legal Advisory Panel (LAP)

Secretary-General Francis Zachariae informed the Council that LAP had held its last meeting (LAP17) in Helsinki at the kind invitation of the Finnish Transport Agency and he thanked warmly Tiina Tuurnala and Matti Eronen for their kind hospitality and wonderful arrangements, as well as the LAP Chair and Vice Chair for their perfect leadership.

For the first time a LAP meeting was opened to all National members and participants from Belgium, Bulgaria, Estonia and Indonesia had joined the regular participants.

Most of the meeting was devoted to work on the General Regulations for IALA as an IGO. LAP17 then considered the draft new standards and forwarded proposals to PAP on definitions of Recommendations and Guidelines and preambles for Recommendations. After external legal advice had been received LAP finalized the work on an IALA patent policy and procedure. LAP also further worked on AIS data used as evidence in court cases and the work will continue in cooperation with the ENAV Committee for a possible submission to Council 64.

The Council **noted** the report of LAP17.

8.3.1. IALA Risk Register

Input papers C63-8.3.2 and C63-8.3.2.1 refer.

Secretary-General Francis Zachariae presented the IALA Risk Register as amended at LAP17. The changes were a fall in the risk of infringing intellectual property rights, a fall in the risk of late payment of fees and the inclusion of an additional mitigator for the change of status with the call of a pre-diplomatic conference by the French Government.

The Council **noted** the IALA Risk Register as amended at LAP17.

8.4. Technical Documents

8.4.1. Draft IALA Standards

Input papers C63-8.4.1 to C63-8.4.1.7 refer.

Deputy Secretary-General Michael Card recalled that Standards are a vital part of the IALA Strategic Vision. The names of the first seven standards had been approved and at its 62nd session the Council approved the sub-areas specific to each standard. The definitions of Recommendations and Guidelines had been reviewed by the Secretariat and amended at LAP17 and PAP32 and introduced in the draft Standard template, which carries also a reminder of “normative” and “informative” when applied to Recommendations referenced in Standards. The



Secretariat also prepared a new preamble text for Recommendations, which was agreed by LAP.

The Council:

- ❖ **approved the definitions of Recommendations and Guidelines;**
- ❖ **noted** the Standards table
- ❖ **noted** the schedule toward a General Assembly adoption of Standards in May 2018;
- ❖ **noted** the seven draft Standards as provided.

It was noted that the seven Standards would be re-circulated to the Committees and Council for comments to be received by the Secretariat before Friday 24th March 2017.

Action item:

The Secretariat to circulate Council with the draft seven Standards requesting comments before Friday 24th March 2017. The Secretariat should also ensure that the draft seven Standards are forwarded to the Committees and considered at their next meetings.

8.4.2. Draft IALA Technical Directions

There was no input paper under this Agenda item.

Deputy Secretary-General Michael Card said that the Secretariat sees this document as vital for IALA and its members. By publishing clear, technical and objective positions on subjects relevant to its work IALA can give better guidance to its officers, Committees and also support its members in their work.

He added that the title, which was revised after Council 62, still needs improvements. The Secretariat is working on this, as well as on the contents. A draft was to be sent to all Councillors to get remarks on the principle and issues to be addressed.

The Council **noted** the progress made in the development of an IALA document giving IALA's positions on subjects relevant to its activities, and the need to provide input to the Secretariat on the principle and issues to be addressed.

Action item:

The Secretariat to send the draft IALA Technical Directions to all Councillors.

8.5. IALA Strategy Drafting Group

The Chair of the Council Strategy Group Christian Forst reported on a short meeting held the day before – Monday 12th December – with him as the Chair of the Group, Scott Smith as Vice Chair, the IALA Secretary-General, Deputy Secretary-General and Technical Operations Manager to discuss the best way of reviewing the IALA Strategy for the next twelve to twenty years.

The meeting suggested that there was a need for a high level strategy developed by the Council to give guidance to the Policy Advisory Panel for implementation by the Committees. The current Council Strategy Group may be replaced by a Strategy Drafting Group with less Councillors, the mission of which would be to collect information from members and draft a high level Strategy for IALA in the future. A proposal was drafted and submitted verbally to the Council as follows:

- A Strategy Drafting Group should be created, as a replacement of the current Council Strategy Group, consisting of a limited number of Councillors, chaired by the current Strategy Group Chair Christian Forst with Scott Smith as Vice Chair;
- A good spread of continents should be achieved in the Strategy Drafting Group;
- The Secretariat would provide secretarial support;
- The Strategy Drafting Group would meet twice a year before Council sessions and inter-sessionally by electronic means;
- To avoid duplication of discussions the IALA Strategy would be debated during Council plenary on the basis of inputs prepared by the Strategy Drafting Group;
- The former Strategy Group ToRs would remain valid for the Strategy Drafting Group.

The Council supported the idea of establishing a Strategy Drafting Group, chaired by Christian Forst of Germany



with Scott Smith of the USA as Vice Chair, as a replacement for the current Council Strategy Group.

After this approval the Strategy Drafting Group Chair invited Councillors to volunteer to be part of the group by writing to the IALA Secretariat within two months after the Council had closed.

Action item:

Councillors wishing to be part of the IALA Strategy Drafting Group are requested to e-mail to the IALA Secretariat by 28th February 2017.

9. FINANCIAL MATTERS

9.1. Budget for 2017

Input papers C63-9.1 and C63-9.1 annex refer.

The IALA Treasurer Captain Ian McNaught reported that the total income expected for 2017 was 3% higher than in 2016. The expected expenditure were presented under three main headings: staff costs, operating costs and investment costs.

An excess of income over expenditure is expected, although in a lesser proportion than in 2016.

The Council approved the budget for 2017.

9.2. Revised four year budget

Input papers C63-9.2 and C63-9.2 annex refer.

The IALA Treasurer Captain Ian McNaught reported that the revised four year budget would enable IALA to prepare for its change of status by recruiting the necessary staff.

On a remark from the Councillor for Japan questioning the steady 3% increase in fees while the inflation in France is less than that he answered that this would constitute a reserve that would permit to face any unexpected cost related to the change of status.

The Council **noted** the revised four year budget.

9.3. Cash flow situation as of 31st October 2016

The Treasurer presented the cash flow situation (input paper C62-9.3 and C62-9.3 annex), which was **noted** by the Council.

9.4. Member contribution status

The Treasurer introduced input paper C63-9.4 on the situation with regard to the payment of contributions.

The paper presented a proposal to terminate IALA membership of two industrial members.

The Council **noted** the report and the advice on termination of membership of two industrial members (see 15.3 below).

10. INDUSTRIAL MEMBERS COMMITTEE

Input paper C63-10.1 refers.

IMC Observer Alfredo Dominguez reported that the IMC is in good financial condition for the 2018 Conference and Exhibition in the Republic of Korea. He however expressed concerns about the delay in appointing a Conference Organiser for the 2018 IALA Conference and Exhibition.

The Councillor for Spain had a question about the use of the IALA logo by the industrial members on their



commercial documents. This will be considered by the IMC who will report back.

11. IALA TECHNICAL ACTIVITIES

11.1. ARM Committee

11.1.1. Summary report of ARM5

Input paper C63-11.1.1 refers.

Deputy Secretary-General Michael Card reported on some highlights of the meeting, adding that ideas for the 2018-2022 work programme and coordination between Committees are under consideration by the Secretariat.

The Council **noted** the summary report of ARM5.

11.1.2. Draft Recommendation O-149 on Accreditation of training organisations

Input papers C63-11.1.2 and C63-11.1.2.1 refer.

Deputy Secretary-General Michael Card explained that this new Recommendation had been developed to conform to the new IALA documentation structure, to recommend authorities to follow the IALA Guidelines on the accreditation and approval process for VTS and AtoN training.

The Council approved Recommendation O-149 on accreditation of training organisations, subject to editorial amendments.

11.1.3. Summary report of Workshop AIS AtoN (real and virtual) developments and their uses

Input paper C63-11.1.3 refers.

Deputy Secretary-General Michael Card reported that the combination of experts of two Committees worked extremely well, a point of view that was supported by Councillors.

The Council **noted** the summary report of the Workshop on AIS AtoN (real and virtual) developments and their uses.

11.2. ENG Committee

11.2.1. Summary report of ENG5

Input paper C63-11.2.1 refers.

Secretary-General Francis Zachariae presented the summary reports noting that as for other Committees the work proceeded on improving and reorganising the Recommendations and Guidelines to suit the new document structure. He also reported that the Committee Chair Mr. Simon Millyard of Trinity House had received his certificate from the WWA for Level1, completed by distance learning.

The Council **noted** the summary report of ENG5.

11.2.2. Proposal to revoke Recommendation E-105 on the Need to follow national and international standards

Input paper C63-11.2.2 refers.

The Council revoked Recommendation E-105 on the Need to follow national and international standards.

11.2.3. World-Wide Academy new or revised Model Courses

Input papers C63-11.2.3 to C63-11.2.3.4 refer.

Secretary-General Francis Zachariae reported that the ENG Committee at its 5th session had revised the following Model Courses.

Input paper C63-11.2.3.1

The Council approved the IALA Model Course L2.3.1-3 – Aids to Navigation – Technician Training, Module 3,



Elements 3.1-3.3 – Level 2 – Lights and marine lanterns, Edition 2.0.

Input paper C63-11.2.3.2

The Council approved the IALA Model Course L2.3.7-8 – Aids to Navigation – Technician Training, Module 3, Elements 3.7-3.8 – Level 2 – Rotating beacons and classical lenses, Edition 2.0.

Input paper C63-11.2.3.3

The Council approved the IALA Model Course L2.4.1-2 – Aids to Navigation – Technician Training, Module 4, Elements 4.1-4.2 – Level 2 – Sound signals, Edition 2.0.

Input paper C63-11.2.3.4

The Council approved the IALA Model Course L2.3.10 – Aids to Navigation – Technician Training, Module 3, Element 3.10 – Level 2 – Range, sector and precision direction lights, Edition 2.0.

Input paper C63-11.2.3.5

The Council approved the IALA Model Course L2.3.4-6 – Aids to Navigation – Technician Training, Module 3, Elements 3.4-3.6 – Level 2 – Light flashers lamp changers and IPS lanterns, Edition 2.0.

11.2.4. Draft revised Recommendation E-110 on Rhythmic characters of lights on Aids to Navigation and draft new Guideline 1116 – Selection of rhythmic characters and synchronisation of lights for AtoN

Secretary-General Francis Zachariae explained that the two documents had been created from the existing Recommendation E-110, based on the new formats for Recommendations and Guidelines. Only the non-technical part of the previous annexes had been kept in the Recommendation.

He drew the Council's attention to the fact that Guideline 1116 revokes Guideline 1069 and approval of the new Guideline means withdrawal of Guideline 1069.

Input paper C63-11.2.4.1

The Council approved the IALA Recommendation E-110 – Rhythmic characters of lights on Aids to Navigation, Edition 4.0.

Input paper C63-11.2.4.2

The Council approved the IALA Guideline 1116 – Selection of rhythmic characters and synchronisation of lights for Aids to Navigation.

The Council withdrew the IALA Guideline 1069 – Synchronisation of lights.

11.2.5. Draft revised IALA Guideline 1038 on Methods and ambient light levels for the activation of AtoN lights

Input papers C63-11.5 and C63-11.2.5.1 refer.

The Council approved the revised IALA Guideline 1038 – Methods and ambient light levels for the activation of AtoN lights, Edition 3.0.

11.2.6. Summary report of the Workshop Provision of Aids to Navigation Services in extremely hot climates

Secretary-General Francis Zachariae reported on a very well attended Workshop with excellent interaction and outcome. The workshop developed a skeleton for a Guideline for AtoN in extremely hot and humid climates for further development by the ENG Committee.

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

11.2.7. ENG1 Model Courses for formal approval

Deputy Secretary-General Michael Card reported on a disruption of submissions to the Council with regard to output papers from ENG1. Four Model Courses had been posted to the Academy Website on the assumption that they had been approved by Council 59 in December 2014 as originally planned.

The four Model Courses were submitted in the old format but should be reformatted soon, as follows:



Input paper C63-11.2.7.1

The Council approved the IALA Model Course L2.1.7 – Aids to Navigation – Technician Training, Module 2, Elements 1.7 – Level 2 – Buoy moorings, Edition 2.0.

Input paper C63-11.2.7.2

The Council approved the IALA Model Course L2.2.1 – Aids to Navigation – Technician Training, Module 2, Element 2.1 – Level 2 – DC power systems, Edition 2.0.

Input paper C63-11.2.7.3

The Council approved the IALA Model Course L2.2.2 – Aids to Navigation – Technician Training, Module 2, Element 2.1 – Level 2 – Primary and secondary battery maintenance, Edition 2.0.

Input paper C63-11.2.7.4

The Council approved the IALA Model Course L2.2.3 – Aids to Navigation – Technician Training, Module 2, Element 2.3 – Level 2 – Photovoltaic (solar panel) systems and maintenance, Edition 2.0.

11.3. VTS Committee

11.3.1. Summary report of VTS42

Secretary-General Francis Zachariae introduced input paper C63-11.3.1 with additional details on extensive discussions conducted on the need to revise IMO Resolution A.857(20) Guidelines for Vessel Traffic Services. A paper was drafted with the reasoning for this proposed revision and the matter will be sent to the Council when the Committee has completed its deliberations. He added that the accident zero campaign was losing interest.

The Councillor for The Netherlands informed that her country is leading a correspondence group on the revision of the IMO Resolution. She encouraged all members to join as well and send input to Pieter Paap.

The Council **noted** the summary report of VTS42.

11.3.2. Draft IALA Guideline 1118 – Marine casualty / incident reporting and recording, including near-miss situations as it relates to VTS

Secretary-General Francis Zachariae introduced input papers C63-11.3.2 and C63.11.3.2.1.

The Council approved the Guideline 1118 – Marine casualty / incident reporting and recording, including near-miss situations as it relates to VTS.

11.3.3. Summary report of 13th International VTS Symposium

Input paper C63-11.3.3 refers.

Secretary-General Francis Zachariae reported on a splendid organisation by the Malaysian Maritime Department and a record attendance, with the IMO Secretary-General delivering the keynote speech and the Deputy Minister of Transport opening the Symposium.

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

11.4. ENAV Committee

11.4.1. Summary report of ENAV19

Deputy Secretary-General Michael Card presented input paper C63-11.4.1, noting that the meeting rooms at the Headquarters had been equipped with teleconferencing in order to enable participants seating in another room to interact with the plenary room through A/V facilities. The work had proceeded to plan except with regard to Maritime Service Portfolios where Committee participants did not have sufficient technical expertise. Coordination with IHO on MSPs was to be implemented shortly.

The Council **noted** the summary report of ENAV19.

11.4.2. Draft submission of an information paper to IMO NCSR4 on the reporting and sharing of e-Navigation testbed results

Input papers C63-11.4.2 and C63-11.4.2.1 refer.

Deputy Secretary-General Michael Card said that after the approval of the revised IALA Guideline 1107 – Planning and reporting of e-Navigation testbeds it was necessary to inform IMO, which had issued an MSC Circular containing the guidance developed by IALA.

The Council approved the submission to IMO of an information paper on the revision of IALA Guideline 1107 – Planning and reporting of e-Navigation testbeds.

11.4.3. Draft IALA Recommendation R-150 – DGNSS service provision, upgrades and future uses

Deputy Secretary-General Michael Card introduced input papers C63-11.4.3 and C63-11.4.3.1. He explained that the new Recommendation would encourage national members to consider providing terrestrial radionavigation services to supplement GNSS or as a GNSS backup. More importantly, it also encourages them to retain existing DGNSS infrastructure in the event that they decide to discontinue DGNSS services, bearing in mind the work on the concept of R-mode and the use of the existing radio beacons for providing a terrestrial radionavigation service independent of GNSS.

The Council approved the IALA Recommendation R-150 – DGNSS service provision, upgrades and future uses, with a few editorial amendments.

11.4.4. Draft IALA Guideline 1117 – VHF data exchange system (VDES) overview and associated promotion documents

Input papers C63-11.4.4 to C63-11.4.4.4 refer.

Deputy Secretary-General Michael Card said that it was important to make other organizations aware of the work of IALA on VDES. He explained further that the information to IMO had been split into two submissions in order to meet the deadline for submission of non-bulky papers.

Input paper C63-11.4.4.1

The Council approved the IALA Guideline 1117 – VHF Data Exchange System (VDES) overview.

Input paper C63-11.4.4.2

The Council approved the information paper to NCSR4 on VDES.

Input paper C63-11.4.4.3

The Council approved the input paper to NCSR4 on VDES.

Input paper C63-11.4.4.4

The Council approved the liaison notes to IHO, IEC, CIRM, RTCM, IMPA on the new IALA Guideline 1117, with the addition of IHMA to the list of recipient organizations.

11.4.5. VDES FAQs

Input papers C63-11.4.5 and C63-11.4.5.1 refer.

Deputy Secretary-General Michael Card explained that these FAQs are another means of providing information on VDES. They had been developed to be suitable for the IALA Website and for inclusion in any correspondence. Answers had been given to the first eight questions only, other questions being still under consideration by the Committee.

On a suggestion made during the discussions it was agreed to ask the IALA representative at ITU to enquire whether they could be posted to the ITU Website as well, or be accessible through the ITU Website through a hyperlink.

The Council approved the publication of the VDES FAQs.

Action item:

The Secretariat to request the IALA representative at ITU to enquire about a means to have the VDES FAQs



available on or through the ITU Website.

11.4.6. Note to IHO on an IALA-IHO cooperation on MSP Guidelines

Input paper C63-11.4.6 to C63-11.4.6.2 refer.

Deputy Secretary-General Michael Card said the liaison note was to draw attention on the IALA work on Maritime Portfolios, forwarding the example of a draft Guideline, still under development.

The Council approved the liaison note to IHO, including the forwarding of the preliminary draft Guideline on maritime service portfolios – digitising maritime services.

11.4.7. Draft IALA Guideline 1119 – Maritime beacon coverage prediction

Input papers C63-11.4.7 and C63-11.4.7.1 refer.

The Council approved the IALA Guideline 1119 – Marine beacon coverage prediction.

11.4.8. ENAV documents submitted for record purposes

Input papers C63-11.4.8, C63-11.4.8.1, C63-11.4.8.2 and C63-11.4.8.3 refer.

Deputy Secretary-General Michael Card recalled that, to meet the deadline for submission to ITU a number of documents had got early Council approval by correspondence. The Council was therefore invited to formally approve them, for the sake of the procedure.

Input paper C63-11.4.8.1.1:

The Council formally approved the ITU liaison note and VDES-SAT report

Input paper C63-11.4.8.2.1:

The Council formally approved the ITU liaison note on Autonomous Maritime Radio Devices

Input paper C63-11.4.8.3.1:

The Council formally approved the ITU liaison note on the revision of ITU-R M.1371

11.4.9. Appointment of new ENAV Chair and Vice Chair

The President reported that following the appointment of the Chair of the ENAV Committee Omar Frits Eriksson as Dean of the IALA World-Wide Academy the position of ENAV Chair was vacant. The Secretary-General had received two nominations, one for the position of Chair and one for the position of Vice Chair. No other candidate names had been put forward.

The Council appointed Cdr. Hideki Noguchi of Japan Coast Guard as Chair of the ENAV Committee.

The Council appointed Mr. Jorge Arroyo of the US Coast Guard as Vice Chair of the ENAV Committee.

The Councillors for Japan and the USA assured the Council that all support would be given to the newly appointed Chair and Vice Chair.

11.4.10. Report on IALA work in the EfficienSea2 project

Input paper C63-11.4.10 refers.

The report was presented by Dr. Nick Ward, manager of the IALA work for the EfficienSea2 project. His report was made by means of a presentation that is available from the Council area of the IALA Website under Agenda item 20 – Presentations.

The Council **noted** the report.

11.4.11. S-200 – Satus report

Input paper C63-11.4.11 refers.

The report was presented by Dr. Nick Ward, Acting IALA domain manager. His report was made by means of a presentation that is available from the Council area of the IALA Website under Agenda item 20 – Presentations.

The Council **noted** the report.

11.4.12. Summary report of the Workshop on shore-based maritime services – from theory to practical use

Input paper C63-11.4.12 refers.

The Council **noted** the summary report and the imminent activation of the IMO-IHO Harmonisation Group on Data Modelling.

11.5. IALA-NET

There was no input paper under this Agenda item.

Secretary-General Francis Zachariae, supported by Omar Frits Eriksson, explained that IALA-NET was originally intended for near real-time exchange of AIS data between IALA national members, through the Internet. During the past years it became a most important source of historical AIS data for risk analysis, especially when it is used to fill in the IALA Risk Management Toolbox. The Secretary-General reported that an agreement had been made with the company GateHouse for the operation of IALA-NET.

Councillors were invited to encourage membership in IALA-NET.

The Council **noted** the report.

11.6. e-Navigation Underway

Input paper C63-11.6.2 and C63-11.6.3 refer.

Secretary-General Francis Zachariae briefly reported on ENUW North America 2016. He drew the Council's attention to the various understandings of e-Navigation in different parts of the world, being confident that the future coordinated ENUW Conferences would help in a common approach.

The Council **noted** the reports provided on e-Navigation Underway North America 2016 and e-Navigation Underway Asia-Pacific 2017 to be held in June in the Republic of Korea after the 64th Council meeting.

12. IALA WORLD-WIDE ACADEMY

12.1. Progress report

Dean Omar Frits Eriksson introduced input paper C63-12.1 as a report on the last meeting of the WWA Board where a change in leadership happened with the appointment of Prof. Gug of the Republic of Korea as Chairman of the Board. The Academy had met its goals in 2016 and was expecting the same in 2017.

The Council **noted** the progress report of the World-Wide Academy.

12.2. Future actions

Input papers C63-12.2 and C63-12.2.1 refer.

Dean Omar Frits Eriksson indicated that input paper C63-12.2.1 was the new WWA Master Plan, a strategic document, aiming at steering the activities of the Academy towards achieving IALA strategic goals.

The Council **noted** the information provided.

12.3. Risk Register

Input paper C63-12.3 refers.

Dean Omar Frits Eriksson reported that the most important risk had been the possibility of losing one of the two major sponsors. This risk had been mitigated through a multi-year rolling agreement with IFAN. Council members were however urged to support the Academy by all possible means and join the increasing list of



sponsors, in cash or in kind.

The Council **noted** the information provided.

12.4. General discussion on the World-Wide Academy

Dean Omar Frits Eriksson made a presentation on the overall operation of the World-Wide Academy (available from the Council area of the IALA Website under Agenda item 20 – Presentations).

Following his presentation a number of questions arose on many aspects of the Academy activities.

- The Councillor for Japan expressed a serious concern about listing the Democratic People’s Republic of Korea, which is a country sanctioned by UN Resolutions and also a serious threat to maritime safety, as a target state of IALA World Wide Academy. When assisting the Democratic People’s Republic of Korea, it is needless to say that the assistance should comply with the relevant UN Resolutions. Furthermore careful consideration should be given to whether there could be a possibility that the assistance can be converted to wide military activities or not, and whether the assistance could also comply with the aim of IALA, to foster the safe, economic and efficient movement of vessels, through improvement and harmonisation of aids to navigation worldwide and other appropriate means, for the benefit of the maritime community and the protection of the environment, or not.
- On a question from the IMC representative it was clearly stated that the WWA had nothing against IALA industrial members building training centres and have them accredited by the Competent Authority, in the same way as the training centres developed by national members.
- The Councillor for Malaysia had a concern about the growing number of training centres and wondered whether the WWA would control the number of training institutes. To that question it was answered that the Academy is not in a position to control the number of Accredited Training Organisations (ATO’s). This is in the hands of the Competent Authorities who actually make the Accreditations. However, in the end, the Academy will need to be selective in which ATO’s they can assist, since the Academy resources are not endless.
- The same Councillor enquired about L2 training. The Dean answered that the Academy would increase focus on Level2 in 2017.
- On a question from Spain the Dean explained that e-learning was a good way to save money on travelling costs and accommodation as well as time spent away from the student’s normal job. With the current methodology for distance learning only a limited number of participants can be supported at the same time. The Dean said that a good technical solution needs to be developed, as well as a good solution for how to conduct examinations, perhaps based on a regional approach.

13. INTERNATIONAL

13.1. IMO

13.1.1. Report by the IALA Secretariat adopted from 116th session of IMO Council meeting on Trends, Developments and Challenges facing IMO in the period 2018-2023

Input paper C63-13.1.1 refers.

Secretary-General Francis Zachariae introduced the input paper and added that at its 117th Council IMO finalized a paper on a Vision Statement and Strategic Direction for IMO 2018-2023. He further reported that this IMO Council agreed that autonomous ships were not likely to be at sea before 2023. The IMO document could be a valuable tool for the IALA Strategy Drafting Group to identify goals for IALA.

The Council **noted** the information provided.

13.2. ITU

13.2.1. Report on current progress and objectives regarding VDES and ITU

Input paper C63-13.2.1 refers.

Deputy Secretary-General Michael Card reported that IALA continued to work in close cooperation with ITU-R Working Party 5B, thanks to Stefan Bober of Germany, IALA representative at ITU.

This Council **noted** the report.

13.3. IHO

13.3.1. Submission to IMO NCSR4 on the activation of the IMO-IHO Harmonisation Group on Data Modelling

Input papers C63-13.3.1 and C63-13.3.1.1 refer.

Deputy Secretary-General Michael Card informed the Council that IALA co-sponsorship of the submission by IHO and some IMO member State had been approved by correspondence.

The Council formally approved IALA co-sponsorship of the submission to NCSR4 on the activation of the IMO-IHO Harmonisation Group on Data Modelling.

13.4. Arctic Matters

13.4.1. Arctic Council

Input papers C63-13.4.1 and C63-13.4.1.1 refer.

Secretary-General Francis Zachariae introduced the proposed application form for Observer status at the Arctic Council, adding that the Director of the Arctic Council Secretariat had facilitated IALA attendance at the EPPR Working Group of the Arctic Council in November.

The Council approved the application by IALA for Observer Status at the Arctic Council.

13.4.2. IALA-IHO Arctic Seminar

There was no input paper under this Agenda item.

Deputy Secretary-General Michael Card reported that IALA had planned an IALA-IHO Seminar on Arctic navigation during two days in the week commencing 28 August 2017. However, with the major changes in the IHO structure that were to take place at the same time, the IHO was not able to provide the expected support to IALA.

The Seminar was therefore postponed and provisionally rescheduled – under the auspices of IALA – for the week commencing 6th November 2017, preferably on 9th and 10th November 2017. The Secretariat would issue invitations to all Councillors concerned, Canada, the Russian Federation, IMO, IHO and the Arctic Council observers.

The Council **noted** the new dates for the Arctic Seminar.

13.5. EfficienSea2 project

There was no input paper under this Agenda item.

A presentation was made by Dr Nick Ward, who is leading the IALA actions in the project supported by two contracted experts. His presentation is available from the Council area of the IALA Website under Agenda item 20 – Presentations.

The Council **noted** the information provided.



13.6. FERNS

Deputy Secretary-General Michael Card drew the Council's attention to clause 4 of his report provided at input paper C63-13.6.1. Clause 4 reported on future orientations for the FERNS, originally established for the coordination of Loran-C and Chayka. Such future orientations would open FERNS to all other radionavigation and positioning systems, current or future.

The Council **noted** the report.

13.7. Resilient PNT Forum

Deputy Secretary-General Michael Card reported that the RPNT Forum is run for half a day every year in Europe prior to a conference on navigation. IALA is one of the three organisers and Dr. Nick Ward sets up the programme. The purpose of the Forum is to stimulate knowledge of the need for resiliency in position fixing systems in all three transport sectors, land, sea and air.

The input paper C63-13.6.1 had been prepared by Dr Nick Ward as a presentation of the present options for RPNT in the sea transport sector.

Dr Nick Ward also made a presentation on resilient PNT that is available from the Council area of the IALA Website under Agenda item 20 – Presentations.

The Council **noted** the information provided.

14. IALA CONFERENCES AND SYMPOSIA

14.1. 2018 IALA Conference – Republic of Korea

Input paper C63-14.1 refers.

The IALA Vice President Mr. Kim highlighted the importance of promoting lighthouses as maritime heritage and explained that the historic lighthouse heritage exhibition to be run in parallel to the industrial exhibition would serve this purpose. On a question regarding the intended “declaration” Mr. Kim explained that the declaration would state that lighthouses are part of the heritage, have architectural and cultural value. He added that this would also raise the profile of the people working in the Aids to Navigation field.

The video presented in support of the input paper will be made available in the Conference Website.

The Council **noted** the information provided and the deadline for the historic lighthouse heritage exhibition, set at 31st January but still flexible.

14.2. 2020 IALA VTS-ENAV Symposium – The Netherlands

The Councillor for The Netherlands presented a video on the maritime background of The Netherlands and their commitment to the safety at sea, in particular through VTS and announces that the Symposium would take place in Rotterdam from 25 to 29 May 2020.

14.3. 2022 Conference

Input papers C63-14.3 to C63-14.3.2 refers.

Secretary-General Francis Zachariae reported that two invitations had been received for the 2022 IALA Conference, one from Brazil and one from Portugal.

The Councillor for Portugal stated that he agreed to the need to achieve a balance between continents and withdrew the Portuguese invitation for the 2022 Conference while reaffirming that his authority remained a potential host for any IALA event.

The Council accepted with thanks the invitation from Brazil for the 2022 IALA Conference.



The Councillor from Brazil thanked the Council for a decision that would undoubtedly be beneficial to the country.

14.4. Draft revised IALA Guideline for the preparation of an IALA Conference or Symposium (Host Organization)

Input paper C63-14.4 and C63-14.4.1 refer.

Technical Operations Manager Marie-Hélène Grillet presented the changes proposed to the Guideline after the last VTS Symposium and in view of the preparation of the next Conference.

One amendment was proposed to give more flexibility in the representation of Committees at the Conference Steering Committee, i.e. the Conference Steering Committee consisting of (among others) the Chair and/or the Vice Chair of each Committee.

The Council approved the revised Guideline for the preparation of an IALA Conference or Symposium (host) with an amendment in the composition of the Conference Steering Committee, which should consist of (among others) the Chair and/or the Vice Chair of each Committee.

15. MEMBERSHIP

15.1. Applications for membership

Input papers C63-15.1 refers.

Secretary-General Francis Zachariae reported on 16 applications for membership received since the last Council meeting, 10 of them had been provisionally accepted after a written support had been received from the national authority of the countries concerned.

The Council approved the application for associate membership of Comoros Port Authority.

The Council approved the application for associate membership of the Fédération Française des Pilotes Maritime, France (late application, not listed in the input paper)

The Council approved the application for industrial membership of Matlev Consulting, Morocco

The Council approved the application for associate membership of Marine Transport Institute of the Democratic People's Republic of Korea, with a reservation expressed by the Councillor for Japan as follows: "Japan believes that a careful consideration is necessary since numerous ballistic missile launches without any proper navigational warnings by the Democratic People's Republic of Korea have become a serious threat to the safety of international shipping. Additionally, because it is not clear that the support from only Democratic People's Republic of Korea permanent delegation at the UNESCO is enough to judge whether such Institute really meets the aim of IALA, Japan believes that a careful judgment is also necessary."

The Council approved the application for industrial membership of Senro Limited, UK

The Council approved the application for industrial membership of Beacon Co., Egypt

The Council approved the application for industrial membership of Full Oceans, France

The Council approved the application for industrial membership of MN-Nav Solution Pte., Ltd., Singapore

The Council approved the application for industrial membership of Vesper Marine, New Zealand

The Council approved the application for industrial membership of IXBLUE, France

The Council approved the application for industrial membership of IHM P/S, Denmark

The Council approved the application for industrial membership of Ecobarrier Manufacturing LLC, United Arab Emirates

The Council approved the application for industrial membership of CML Microcircuits, UK

The Council approved the application for industrial membership of China Head Aerospace Technology Co.,



Peoples' Republic of China

The Council approved the application for industrial membership of Chaohu Qunli Anchor Chain Co., Ltd., Peoples' Republic of China

On the request of China MSA the Council decided that the application submitted for associate membership by the ENC Center of National Taiwan University, it is to be reviewed by China MSA who will report back.

15.2. Resignations from membership

Input paper C63-15.2 refers.

Secretary-General Francis Zachariae invited the Council to note resignations from membership.

The Council **noted** the resignation of Open Interconnect Consortium, USA, from associate membership

The Council **noted** the resignation of Furuno European Branch, Denmark, from industrial membership

The Council **noted** the resignation of Thales Communication and Security Systems, France, from industrial membership (late resignation, not included in the input paper)

15.3. Terminations or suspensions of membership

On advice by the FAC the Council:

Terminated industrial membership of Oy Windside Production Ltd., Finland

Terminated industrial membership of Advanced Oilfield Technologies Co., Sultanate of Oman.

Should these companies intend to re-join, they would have to settle at least part of their debts.

15.4. Honorary membership

In recognition of his outstanding contribution to the success of IALA the Council unanimously decided to grant Rear Admiral Jean-Charles Leclair, Dean Emeritus of the IALA World-Wide Academy, IALA Honorary membership.

16. IALA COMMUNICATION TOOLS

16.1. IALA Website(s)

Secretary-General Francis Zachariae reported briefly on the upgrade and modernization of the Website.

The Council **noted** the information provided.

16.2. IALA Bulletin

Secretary-General Francis Zachariae reported that the plans for 2017 were to publish only two printed issues of the Bulletin, that would be issued by after each Council meeting. The two printed copies would be completed by e-Bulletin news to be sent individually to each member. The intention was to keep advertising in the e-Bulletin.

A question was raised on the continuation of articles or at least summaries in Spanish and French. The Secretary-General answered that it should be technically possible to maintain some articles in Spanish and French.

The Council **noted** the information provided.

17. ANY OTHER BUSINESS

There was no other business.



18. DATES AND PLACES FOR NEXT MEETINGS

The President confirmed the dates and places for the next Council meetings as already agreed at Council 61, as follows:

Session 64: 12-16 June 2017 Incheon, Republic of Korea

Session 65: 11-15 December 2017 IALA Headquarters

Sessions 66 and 67: in May 2018 in Korea in conjunction with the IALA 2018 Conference.

The President then adjourned the meeting until Friday 16th December 2016 when they meet again for the approval of the session report.

The Council resumed on Friday 16th December and the report was unanimously approved.

The President closed the meeting at 11h50 on Friday 16th December 2016, thanking all participants for their attendance and fruitful participation.



ANNEX A – AGENDA FOR THE MEETING

63RD SESSION OF THE IALA COUNCIL APPROVED AGENDA

ITEM		ACTION REQUESTED
1.	PRESIDENT’S OPENING REMARKS ^(a)	
2.	APOLOGIES FOR ABSENCE ^(a)	Note
3.	APPROVAL OF THE AGENDA	
3.1	Draft Agenda	Approve
3.2	Draft programme	Note
4.	VACANT POSITIONS WITHIN COUNCIL	None
5.	REPORT OF THE 62ND SESSION	
5.1	Matters arising from the session	Note
6.	NATIONAL MATTERS	Note
7.	REPORT BY THE SECRETARY GENERAL	Note
8.	STRATEGY AND POLICY	
8.1	Policy Advisory Panel	Note
8.2	IALA Advisory Group on change of status	
8.2.1	Status of action plan	Note
8.2.2	Draft IALA General Regulations (as an IGO)	Approve
8.3	Legal Advisory Panel (LAP)	Note
8.4	Technical documents	Note
8.4.1	Draft IALA Standards	Note/Approve
8.4.2	Draft IALA Technical Directions	Note
8.5	Strategy Drafting Group	Approve



ITEM		ACTION REQUESTED
9.	FINANCIAL MATTERS	
9.1	2017 Budget	Approve
9.2	Revised four year budget	Note
9.3	Cash flow situation as of 31 October 2016	Note
9.4	Member Contribution Status	Note
10.	INDUSTRIAL MEMBERS COMMITTEE	Note
11.	IALA TECHNICAL ACTIVITIES	
11.1	ARM	Note/Approve
11.2	ENG	Note/Approve
11.3	VTS	Note/Approve
11.4	ENAV	Note/Approve
11.5	IALA-NET	Note
11.6	e-Navigation Underway	Note
12.	IALA WORLD-WIDE ACADEMY	
12.1	Progress report	Note
12.2	Future actions	Note
12.3	Academy Risk Register	Note
13.	INTERNATIONAL	
13.1	IMO	Note
13.2	ITU	Note
13.3	IHO	Note
13.4	Arctic Matters	Note
13.5	EfficienSea 2 project	Note
13.6	FERNS	Note
13.7	Resilient PNT Forum	Note



ITEM		ACTION REQUESTED
14. IALA CONFERENCES AND SYMPOSIA		
14.1	2018 IALA Conference – Korea ^(b)	Note
14.2	2020 IALA VTS-e-Navigation Symposium – The Netherlands	Note
14.3	2022 IALA Conference	Approve
14.4	Guideline for the Preparation of an IALA Conference or Symposium (Host organisation)	Approve
15. MEMBERSHIP		
15.1	Applications for Membership	Approve
15.2	Resignations from Membership	Note
15.3	Terminations or suspensions of Membership	Decide
16. IALA COMMUNICATION TOOLS		
16.1	IALA Website ^(a)	Note
16.2	IALA Bulletin	Note
17. ANY OTHER BUSINESS		
18. DATES AND VENUES FOR NEXT MEETINGS		Note



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ANNEX C – ACTION ITEMS

The Secretariat to circulate Council with the draft seven Standards requesting comments before Friday 24th March 2017. The Secretariat should also ensure that the draft seven Standards are forwarded to the Committees and considered at their next meetings.

The Secretariat to send the draft IALA Technical Directions to all Councillors.

Councillors wishing to be part of the IALA Strategy Drafting Group are requested to e-mail to the IALA Secretariat by 28th February 2017.

The Secretariat to request the IALA representative at ITU to enquire about a means to have the VDES FAQs available on or through the ITU Website.



ANNEX D – RECORD OF DECISIONS OF THE 63RD SESSION OF THE IALA COUNCIL

The Council approved the draft General Regulations for IALA as an IGO for use as a draft by the pre-diplomatic conference, taking account of a possible amendment of Article 6.2 on the duration of the mandate of Committee Chairs and Vice Chairs.

The Council approved the definitions of Recommendations and Guidelines;

The Council supported the idea of establishing a Strategy Drafting Group, chaired by Christian Forst of Germany with Scott Smith of the USA as Vice Chair, as a replacement for the current Council Strategy Group.

The Council approved the budget for 2017.

The Council approved Recommendation O-149 on accreditation of training organisations, subject to editorial amendments.

The Council revoked Recommendation E-105 on the Need to follow national and international standards.

The Council approved the IALA Model Course L2.3.1-3 – Aids to Navigation – Technician Training, Module 3, Elements 3.1-3.3 – Level 2 – Lights and marine lanterns, Edition 2.0.

The Council approved the IALA Model Course L2.3.7-8 – Aids to Navigation – Technician Training, Module 3, Elements 3.7-3.8 – Level 2 – Rotating beacons and classical lenses, Edition 2.0.

The Council approved the IALA Model Course L2.4.1-2 – Aids to Navigation – Technician Training, Module 4, Elements 4.1-4.2 – Level 2 – Sound signals, Edition 2.0.

The Council approved the IALA Model Course L2.3.10 – Aids to Navigation – Technician Training, Module 3, Element 3.10 – Level 2 – Range, sector and precision direction lights, Edition 2.0.

The Council approved the IALA Model Course L2.3.4-6 – Aids to Navigation – Technician Training, Module 3, Elements 3.4-3.6 – Level 2 – Light flashers lamp changers and IPS lanterns, Edition 2.0.

The Council approved the IALA Recommendation E-110 – Rhythmic characters of lights on Aids to Navigation, Edition 4.0.

The Council approved the IALA Guideline 1116 – Selection of rhythmic characters and synchronisation of lights for Aids to Navigation.

The Council withdrew the IALA Guideline 1069 – Synchronisation of lights.

The Council approved the revised IALA Guideline 1038 – Methods and ambient light levels for the activation of AtoN lights, Edition 3.0.

The Council approved the IALA Model Course L2.1.7 – Aids to Navigation – Technician Training, Module 2, Elements 1.7 – Level 2 – Buoy moorings, Edition 2.0.

The Council approved the IALA Model Course L2.2.1 – Aids to Navigation – Technician Training, Module 2, Element 2.1 – Level 2 – DC power systems, Edition 2.0.

The Council approved the IALA Model Course L2.2.2 – Aids to Navigation – Technician Training, Module 2, Element 2.1 – Level 2 – Primary and secondary battery maintenance, Edition 2.0.

The Council approved the IALA Model Course L2.2.3 – Aids to Navigation – Technician Training, Module 2, Element 2.3 – Level 2 – Photovoltaic (solar panel) systems and maintenance, Edition 2.0.

The Council approved the Guideline 1118 – Marine casualty / incident reporting and recording, including near-miss situations as it relates to VTS.

The Council approved the submission to IMO of an information paper on the revision of IALA Guideline 1107 – Planning and reporting of e-Navigation testbeds.

The Council approved the IALA Recommendation R-150 – DGNS service provision, upgrades and future uses, with a few editorial amendments.



The Council approved the IALA Guideline 1117 – VHF Data Exchange System (VDES) overview.

The Council approved the information paper to NCSR4 on VDES.

The Council approved the input paper to NCSR4 on VDES.

The Council approved the liaison notes to IHO, IEC, CIRM, RTCM, IMPA on the new IALA Guideline 1117, with the addition of IHMA to the list of recipient organizations.

The Council approved the publication of the VDES FAQs.

The Council approved the liaison note to IHO, including the forwarding of the preliminary draft Guideline on maritime service portfolios – digitising maritime services.

The Council approved the IALA Guideline 1119 – Marine beacon coverage prediction.

The Council formally approved the ITU liaison note and VDES-SAT report

The Council formally approved the ITU liaison note on Autonomous Maritime Radio Devices

The Council formally approved the ITU liaison note on the revision of ITU-R M.1371

The Council appointed Cdr. Hideki Noguchi of Japan Coast Guard as Chair of the ENAV Committee.

The Council appointed Mr. Jorge Arroyo of the US Coast Guard as Vice Chair of the ENAV Committee.

The Council formally approved IALA co-sponsorship of the submission to NCSR4 on the activation of the IMO-IHO Harmonisation Group on Data Modelling.

The Council approved the application by IALA for Observer Status at the Arctic Council.

The Council accepted with thanks the invitation from Brazil for the 2022 IALA Conference.

The Council approved the revised Guideline for the preparation of an IALA Conference or Symposium (host) with an amendment in the composition of the Conference Steering Committee, which should consist of (among others) the Chair and/or the Vice Chair of each Committee.

The Council approved the application for associate membership of Comoros Port Authority.

The Council approved the application for associate membership of the Fédération Française des Pilotes Maritime, France

The Council approved the application for industrial membership of Matlev Consulting, Morocco

The Council approved the application for associate membership of Marine Transport Institute of the Democratic People's Republic of Korea, with a reservation expressed by the Councillor for Japan as follows: "Japan believes that a careful consideration is necessary since numerous ballistic missile launches without any proper navigational warnings by the Democratic People's Republic of Korea have become a serious threat to the safety of international shipping. Additionally, because it is not clear that the support from only Democratic People's Republic of Korea permanent delegation at the UNESCO is enough to judge whether such Institute really meets the aim of IALA, Japan believes that a careful judgment is also necessary."

The Council approved the application for industrial membership of Senro Limited, UK

The Council approved the application for industrial membership of Beacon Co., Egypt

The Council approved the application for industrial membership of Full Oceans, France

The Council approved the application for industrial membership of MN-Nav Solution Pte., Ltd., Singapore

The Council approved the application for industrial membership of Vesper Marine, New Zealand

The Council approved the application for industrial membership of IXBLUE, France

The Council approved the application for industrial membership of IHM P/S, Denmark

The Council approved the application for industrial membership of Ecobarrier Manufacturing LLC, United Arab Emirates



The Council approved the application for industrial membership of CML Microcircuits, UK

The Council approved the application for industrial membership of China Head Aerospace Technology Co., Peoples' Republic of China

The Council approved the application for industrial membership of Chaohu Qunli Anchor Chain Co., Ltd., Peoples' Republic of China

Terminated industrial membership of Oy Windside Production Ltd., Finland

Terminated industrial membership of Advanced Oilfield Technologies Co., Sultanate of Oman.

In recognition of his outstanding contribution to the success of IALA the Council unanimously decided to grant Rear Admiral Jean-Charles Leclair, Dean Emeritus of the IALA World-Wide Academy, IALA Honorary membership.



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Association Internationale de Signalisation Maritime