REPORT OF THE 68TH SESSION OF THE IALA COUNCIL

(11-14 December 2018, IALA Headquarters)

CONTENTS

OPENING

The 68th session of the IALA Council was held at IALA Headquarters. The meeting was opened at 10h00 on 11 December 2018 by Ms Young-shin KIM, IALA President.

1. PRESIDENT'S OPENING REMARKS

The IALA President thanked warmly the participants and welcomed the delegates, especially those who were in attendance for the first time as representatives of Finland (Mr Simo Kerkelä), Japan (Vice Admiral Shuji Takahara) Norway (Mr Arve Dimmen) and Turkey (Mr Serhat Aytugel). She also welcomed the many Councillor assistants and the observers for the UK and Industrial Members' Committee, not forgetting the IALA Secretariat.

2. APOLOGIES FOR ABSENCE

The Councillors for Canada, Chile, France, Morocco and Singapore had been prevented from attending but had sent substitutes.

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

3. APPROVAL OF THE AGENDA

The addition of item 8.6 – Council Strategy Drafting Group to the draft Agenda (input paper C68-3.1) was requested. The approved Agenda is at Annex A.

The draft Programme for the Week (input paper C68-3.2) was noted.

Secretary-General Francis Zachariae gave safety and domestic information, especially with regard to the work and social programme for the week and the newly implemented data protection policy.

4. VACANT POSITION WITHIN COUNCIL

There was no vacant position within the Council.

5. REPORT OF THE 66th AND 67th SESSIONS

5.1 Matters arising from the sessions

Events and Document Co-ordinator Marie-Hélène Grillet reported that the two action items from the 66th session were completed. The first action item resulted in input paper C68-9.1 and its annexes, for decision by the Council under Agenda item 9, Finance and Audit Committee report.

There were no action items from the 67th session.

6. REPORT BY THE SECRETARY-GENERAL

Secretary-General Francis Zachariae presented his report to the Council (input paper C68-6 refers).

After wishing a warm welcome to all those present he explained that since the last Council meeting in Korea IALA had been very busy. Together with the activity the workload had continued to grow. The membership was growing too and was about to reach 301 members after this meeting. This was 22 members more than the last year at the same time of the year. The Secretariat had been successful in collecting outstanding contributions, although some members still held outstanding balances. Participation in the Committees had again proved overwhelming with 140 participants in some sessions.

The Secretariat successfully completed the refurbishment of all offices and meeting rooms, the installation of a new WiFi, file sharing system, smart IT and video-conferencing facilities, and also finalized the rebranding project. These projects were important elements of the new visual identity of IALA. A complete overhaul of the Website had also been a priority to serve the membership better and have IALA known by the maritime community as an up-to-date, effective, visible, outreach-oriented and cooperative organization.

New steps forward had been taken with the appointment of Omar Frits Eriksson as a permanent Dean for the World-Wide Academy and, later, Minsu Jeon as Technical Operations Manager. The next step was imminent with the Deputy Secretary-General, Michael Card, the WWA Vice-Dean, Stephen Bennett, and the two Committee Secretaries, James Doyle and Wim van der Heijden, all part time consultants, having their contracts terminated at the end of the year 2018.

The Secretary-General paid tribute to the great involvement of the four departing consultants, saying that Michael Card had led the development of a clear strategy for IALA, the concept of the IALA standards (both the Strategy and the Standards had been adopted by the latest General Assembly). Stephen Bennett had developed the course materials and lectures for the Academy, and delivered many of the courses. He had been instrumental in launching the Academy on its path to the success and assisting and advising members and non-member countries in the developing world. James Doyle and Wim van der Heijden had managed the huge volume of documents and correspondence required for the Committees. They brought to this work their deep knowledge in both marine aids to navigation and IALA procedures, ensuring that the Committees ran smoothly.

To replace Michael Card Omar Frits Eriksson will hold the double position of Deputy Secretary-General and Dean of the World-Wide Academy. Two full time staff members have been hired, Kevin Gregory and Tom Southall. They are both well known in IALA for their contributions to the Committee work. Kevin Gregory is primarily assigned to the Academy and Tom Southall will mainly support the technical department as a full time Committee Secretary. The assignments will be flexible and will both work for the Committees during the Committee seasons and for the Academy outside these periods.

Finally a new Accounting and Administrative Assistant, Isabelle Bracq, had been hired to support the administration department.

Turning to the World-Wide Academy he highlighted its success under the leadership of its Dean and its Chairman of the Board Professor Seunggi Gug, reminding the Council that the Academy would not exist without its sponsors, and the latter matter he drew attention, with thanks, to the agreements signed for the Academy's future with Korea, Malaysia and Singapore; he then added that the three-year rolling agreement with IFAN, the primary Academy sponsor, was working well.

On the subject of cooperation he informed the Council that the EU-funded project EfficienSea2, in which IALA was a partner, had successfully ended. He took this opportunity to thank the Danish Maritime Authority for their good leadership and the IALA honorary member Dr Nick Ward for managing much of the work on behalf of IALA.

The Secretary-General touched briefly upon the change of status project, which is detailed further down in this report, thanking the National members and governments of France, Morocco and Turkey for their support in the organization

Turning to the 19th IALA Conference held in May-June 2018 he thanked the Republic of Korea for their outstanding organisation, recalling the record number of more than 500 delegates and high number of exhibitors. The MoU signed in Incheon between IALA and the Republic of Korea is an important reaffirmation of a long-standing cooperation. The World Lighthouse Heritage Exhibition that staged alongside the industrial exhibition helped to raise the public awareness on the need to preserve and sustainably manage the historical lighthouses. The Incheon Declaration on Lighthouses as Cultural Heritage was a creative and important legacy of the Conference.

Again in association with the Conference he reported briefly on the 13th General Assembly, which elected the new Council for 2018-2022 with a wide geographical representation. The General Assembly also adopted several Resolutions, among which Resolution A.13-03 on the adoption of the very first IALA standards, and A.13-04 establishing a World Marine Aids to Navigation Day on 1st July each year. The Industrial Members Committee had also held its General Assembly in Incheon and successfully elected its members for the period.

Just after the close of the Conference the first meeting of the new Council elected the IALA President and Vice-President, Mr Young-shin Kim and Admiral Marcos Lourenço de Almeida.

Finally, he said that the Committees had started their work programme for the period and already produced a number of documents for approval by the Council at this session. About Committee work he stressed the importance of the task given to IALA, after it had submitted a proposal to review the IMO Resolution A.857(20) – Guidelines for Vessel Traffic Services, to produce a draft Resolution for consideration by the IMO in 2020.

The Secretary-General's report was noted.

After the Secretary-General had made his report the Councillor for The Netherlands expressed a concern with regard to the double position that will be held by the current Dean of the World-Wide Academy in terms of both principle and workload, and the Councillor for Canada asked if this was envisaged as a permanent or temporary arrangement.

To these remarks the Secretary-General answered that the Academy was an integral part of IALA, its independence being only for funding. With regard to the workload, with the reinforcement of both the Academy and technical department the Dean and Deputy Secretary-General would certainly travel less and have more time to devote to both positions, especially that the Deputy Secretary-General was not full time. The arrangement was intended to be a permanent one but can be reviewed in the future if needed.

7. NATIONAL MATTERS

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

The following indicates the projects, or matters of concern, that are common to several countries. Individual issues are not reported.

- Cyber-security comes on top of the major concerns in the countries. This is related to the critical role played by VTS and the arrival of autonomous ships, some types of which are, or will soon be operational.

- Remote pilotage is under consideration in some countries.

- Training expands in a cooperative way with regional training hubs delivering courses in in different languages. So far they are mainly in English, French and Spanish but courses in Portuguese and Arabic languages are under development. Distance learning is part of this collaborative development.

- Broadcasting maritime safety and other navigational information is the subject of various tests with the techniques available or under development, including VDES, SBAS, AIS and other available means. This is particularly important for Arctic navigation.

- Finally, some countries are active in preserving their maritime heritage.

The reports were noted. The presentations made are included in 'Presentations' in the relevant Council session documents on the Council Web page.

More detailed information was provided by the Councillor for India and it appears as Annex C.

8. STRATEGY AND POLICY

8.1. Position on the Development of AtoN Services

Input papers C68-8.1.1 to C68-8.1.4 refer.

Deputy Secretary-General Michael Card recalled that the *Strategic Vision*, which was adopted by the 13th General Assembly, provides a medium to long-term strategy with two goals and a set of strategies. It does not consider the short-term tactics that are needed to be implement the strategies. The Strategic Vision will be reviewed in 2021 for adoption by the General Assembly in 2022.

The *Position on the Development of AtoN Services* provides the Committee Chairs with a detailed tactical policy setting out a series of positions on most aspects of IALA's technical work.

The document is a living document reviewed twice a year by the Policy Advisory Panel (PAP) for further consideration by the Council at its next meeting. The *Strategic Vision* and the *Position on the Development of AtoN Services* together provide the technical policy for the organization.

The Deputy Secretary-General was of the opinion that further changes would be needed soon to the 'Position' document, especially for resilient PNT, to include the use of SBAS and the future of broadcasting DGNSS information from MF beacons. A general review of the IALA policy on resilient PNT would be needed. Two documents had been sent by the Secretariat to the latest meeting of the ENG Committee to stimulate discussion. Paper C68-8.1.3 containing the DSG views on DGNSS may be considered by the Council Strategy Drafting Group.

This introduction by the Deputy Secretary-General led to some discussion and remarks.

The Councillor for Spain requested some amendments to the main document (C68-8.1.2), in section 8 – Radio-navigation services, to state that satellite systems may back-up each other, and in section 10 – Training and certification, paragraph 10.1.3 – Mandatory training and certification, to mention the training mandatory standards.

The Councillor for Germany noted that the draft document proposed by the PAP did not reflect the subsequent discussions held in the ENG Committee. He suggested sending it back to the Committees for further review and submitting it again to the next Council after the new draft has been endorsed by PAP. These views were supported by the Councillor for The Netherlands.

The *Position on the Development of AtoN Services* will be reviewed by PAP at its 37th session in February 2019 to look deeper into GNSS backups, sent to the Committees (especially the ENG Committee) and brought back to Council in June 2019 after the draft amended by the Committees has been endorsed by PAP by correspondence.

Action item 1:
The Secretariat should send PAP the draft Position on the Development of AtoN Services*, amended according to the remarks made at Council on training and certification, to look deeper into GNSS backups in the light of the comments on radionavigation services, send to the Committees (especially the ENG Committee) and brought it back to Council in June 2019 after the draft amended by the Committees has been endorsed by PAP by correspondence.*

8.2. Policy Advisory Panel

8.2.1. Committee structure

Input paper C68-8.2.1 refers.

Deputy Secretary-General Michael Card explained that the document provides a background to the work leading to the present organisation of the Committees, which was approved by the Council at its 65th session. There were discussions at ENAV22 about moving operational matters related to digital Maritime Services into the ARM Committee but the move of the work on PNT into the ENG Committee went smoothly.

A few Councillors expressed concerns about the new structure. It was recognised however that structuring the Committee work was a difficult task and it was agreed that the structure should be kept for the time being with the Secretariat reporting on its efficiency at the next meeting.

The Council agreed that the present Committee structure be retained and a report on its efficiency should be made to the 69th session of the Council.

Action item 2:
The Secretariat to report to Council 69 on the efficiency of the new structure implemented for Committee work.

8.2.2. Report of PAP36

Deputy Secretary-General Michael Card introduced input paper C68-8.2.2, which was **noted**.

8.3. IALA Change of Status

8.3.1. 4th extraordinary LAP meeting on change of status

Input paper C68-8.3.1 refers.

Secretary-General Francis Zachariae reported that the meeting was very fruitful and identified the main areas that would need discussion at diplomatic level, as follows:

- Article 1 – Definitions: Different views were expressed on keeping the well-known acronym 'IALA'. A number of delegates were in favour of having an acronym that would reflect the actual name of the Organization.
- Article 5 – Membership, paragraph 2: This article needs clarification with regard to the responsibility for the international relations for territories or group of territories, for which States want Associate membership.
- Article 6 – Organs: There was a doubt regarding the capacity in which the President and the Vice-President would act. Two alternative texts were drafted, one for President and Vice-President being elected in their personal capacity and the other one for them to be elected in their national capacity. One of the alternatives will need to be chosen, taking the practical consequences into account.
- Article 11 – Languages: The Secretary-General offered to make a paper to support the discussions at diplomatic level presenting normal practices within IGOs and the financial aspect of having more than one official language, as well as the geographical widespread of current IALA National members together with an indication of their official languages.
- Article 15 – Amendments and Article 17 – Signature, Ratification and Accession, paragraph 5: These Articles may need an alternative wording with regard to reservations.
- Article 16 – Interpretation and disputes: This Article is expected to be debated at diplomatic level.
- Annex – Transitional arrangements: It was made clear that the transitional arrangements were of particular importance in order to secure a smooth change from the current association to the IGO without losing members of the current association or disrupting the important work of IALA.. Many comments were received in order to make the arrangements more clear and this will be reflected in the amended version of the Convention text.

The Councillor for Japan requested that the report should be circulated to the participants for comments before being accepted as final.

The Council noted the information and the related comments.

Action item 3:
The Secretariat to circulate the report as a draft for approval by all participants in the 4th extraordinary LAP meeting.

8.3.2. Pre-Diplomatic Conference March 2019

Secretary-General Francis Zachariae reported that the next important step was the Preparatory Diplomatic Conference in Istanbul on 12 to 14 March 2019. He expressed his gratitude to the Directorate General of Coastal Safety in Turkey for the generosity and support to organize this important event. Hopefully the Conference would be able to resolve the last problematic areas and agree the text, in order to convene the Diplomatic Conference that would open the Convention for signature, later in the year 2019 or in 2020.

The Council noted this information.

8.4. Legal Advisory Panel (LAP)

8.4.1. IALA Risk Register

Secretary-General Francis Zachariae informed the Council that the LAP had not held a regular meeting since the last Council and therefore had not updated the risk register.

8.5. World Marine Aids to Navigation Day

8.5.1. Theme for World AtoN Day 2019

Secretary-General Francis Zachariae introduced input paper C68-8.5.1 that suggested *Marine Aids to Navigation – Successful Voyages, Sustainable Planet* as the theme for the first World AtoN Day.

The proposed theme got unanimous support and the Councillor for Australia suggested that the theme being 'sustainable' itself, it may be carried forward through the next years. This view was not supported, however, by the Councillor for Malaysia who suggested picking up from the issues mentioned by the audience under Agenda item 6 – National matters, to identify a different theme each year.

After a short discussion it was decided that the same theme would be carried out for 2020, unless a better one is found when the subject is considered again at the next Council meeting.

Action item 4:
The Council to discuss again at its 69th session the theme for the World Marine Aids to Navigation Day after 2019.

The Councillor for Japan suggested informing IMO of the establishment of the World Marine Aids to Navigation Day on 1st July each year. The proposal was supported by other Councillors.

Action item 5:
The Secretariat to inform the IMO Secretariat of the establishment of a World Marine Aids to Navigation Day on 1st July each year and prepare related submissions to IMO MSC and Council.

The Councillor for Spain indicated that a major event would be organised in Spain. He invited the Secretary-General and IALA officials to attend.

After thanking Spain for the initiative to host a main event in Spain and the kind invitation the Secretary-General mentioned that parallel events could be hosted by other National members as they see fit. Also the Industrial members are invited to take advantage of the World Marine Aids to Navigation Day.

The Council approved *Marine Aids to Navigation – Successful Voyages, Sustainable Planet* as the theme for the World AtoN Day, decided to inform IMO about the establishment of a *World Marine Aids to Navigation Day on 1st July each year* and reconsider the theme at a further meeting, if needed.

8.6. Council Strategy Drafting Group

Strategy Drafting Group Chair Christian Forst explained that the meeting planned for 10th December had been cancelled because it was too close to the latest General Assembly where the Strategy was just approved.

He had considered the need to amend the Terms of Reference, which had remained unchanged after the former Strategy 'Working' Group had been renamed, but came to the conclusion that the task being the same, no change was necessary.

However, the Council would need to appoint a new Vice-Chair (Scott Smith, appointed Vice Chair in December 2016, had left the Council the next year) and he proposed David Gordon, the Councillor for South Africa, to fill the vacant position.

The Council appointed David Gordon, the Councillor for South Africa, Vice-Chair of the Council Strategy Drafting Group.

The Strategy Drafting Group Chair then said that the group would reconvene in June 2019, on the Monday preceding the Council meeting, and he suggested shaping the meeting into a Workshop that would identify the strategies/challenges for the next five to ten years. The Workshop would be organised by the Secretariat.

The Council agreed to hold a Strategy Workshop on Monday 17th June 2019 in Rotterdam to identify the strategies/challenges for IALA in the next five to ten years.

Action item 6:
The Secretariat to organise a Strategy Workshop on Monday 17th June 2019 in Rotterdam to identify the strategies/challenges for IALA in the next five to ten years.

9.   FINANCE AND AUDIT COMMITTEE REPORT

IALA Treasurer Captain Ian McNaught introduced the input papers related to financial matters.

9.1. Renewal of external auditor's mandate

Input paper C68-9.1 and C68-9.1.1 to C68-9.1.3 refer.

Council 66 in May 2018 had requested the Secretariat to reconsider the mandate of the current external auditor. Three tenders were submitted to the Council for consideration, with a recommendation to appoint RSM Paris, which would support IALA in many domains and especially the adoption of international financial standards.

The Council appointed RSM Paris as the IALA external auditor, with a six year term as requested by French law.

9.2. Budget for 2019

Input papers C68-9.2 and C68-9.2.1 refer.

The Treasurer explained that the budget had been calculated with a 3% increase in National membership contributions only and a staff of 10.

The Budget for 2019 was approved.

9.3. Outline budget for 2020-2022

Input papers C68-9.4 and C68-9.4.1 refer.

The Treasurer drew the Council's attention to the fact that the outline budget had been prepared for IALA as an NGO.

The outline budget for 2020-2022 was noted.

9.4. Cash Flow Situation as of 31st October 2018

Input papers C68-9.3 and C68-9.3.1 refer.

The cash flow situation as of 31st October 2018 was noted.

9.5. Membership contributions status

Input paper C68-9.5 refers.

The Treasurer remarked that less contributions had been collected compared to the previous year at the same period. Suspensions or terminations of membership would be decided under Agenda item 15.3. For National members suspension or termination was not recommended until the next Pre-Diplomatic conference where the Secretary-General would be able to meet with the Heads and discuss with them.

The Dean of the WWA also wished to be able to continue to interact with the countries in greatest need.

IMC Observer John Sugarman stated that the IMC would chase bad payers on a regional basis.

The Council noted the information provided.

10.   INDUSTRIAL MEMBERS COMMITTEE

Mr James West forwarded apologies for absence from the regular IMC Observer Alfredo Dominguez, who had succeeded Clive Quickenden.

He then reported on a healthy financial situation after a successful industrial exhibition in Incheon last May-June, for which he expressed the IMC gratefulness to the Councillor for the Republic of Korea and her assistants.

He finally announced that the IMC would meet in Brazil in early 2019 to start the preparations for the 2022 exhibition with the new IMC President.

The Council noted the information provided.

11.   IALA TECHNICAL ACTIVITIES

11.1. Committee work organisation

Deputy Secretary-General Michael Card said that since the last Council the four Committees had held their first meetings of the four-year period, using the revised *Strategic Vision* and the latest *Position on the Development of AtoN Services* and working to the high level work programme approved by the Council at its 67ᵗʰ session.

11.1.1. Committee work programme

Input paper C68-11.1.1 refers.

Technical Operations Manager Minsu Jeon recalled that the Committee work programme had been approved by the Council as requested by the 'Policy and Procedures for Committees' in the IALA Basic Documents. The document, aiming at the production of IALA guidance publications and model courses, was updated after the first round of Committee meetings and submitted into two parts, input paper C68-11.1.1.1 and input paper C68-11.1.1.2.

He added that each Committee has its own detailed task plan, which is maintained by the Chair. The Secretariat compiled all tasks and organised them into one document.

The Council approved the revised Committee work programme.

11.1.2. Committee events plan

Input papers C68-11.1.2 refers.

Technical Operations Manager Minsu Jeon introduced the Committee events plan, which summarises events related to the Committee work approved or planned for the next four years. Some events were still awaiting dates and/or hosts.

The Council noted this information.

11.2. ARM

11.2.1. Summary report of the 8ᵗʰ session of the ARM Committee

Technical Officer Tom Southall introduced input paper C68-11.2.1.

The summary report of the 8th session of the ARM Committee was noted.

11.2.2. ARM Committee papers for consideration

Input paper C68-11.2.2 summarizes and gives information on the input papers submitted by the ARM Committee for approval and should be referred to for details on the documents listed in this section of the report under 11.2.2.1 to 11.2.2.3.

11.2.2.1.   Draft Model Course L1.2 Master of AtoN Management

Input paper C68-11.2.2.1 refers.

The Council approved the Model Course L1.2 Master of AtoN Management.

11.2.2.2.   Draft Workshop proposal

Input paper C68-11.2.2.2 refers.

The Councillor for Canada indicated that the Canadian Coast Guard may host the Workshop, subject to consultation with the government.

The Council approved the Workshop on Cyber-Security scheduled for October 2020, noting that Canada may host it, subject to confirmation.

> 11.2.2.3. Draft liaison note to IHO NIPWG – Proposal for the development of S-125 Product Specification

Input paper C68-11.2.2.3 refers.

The Council approved the liaison note to IHO NIPWG – Proposal for the development of S-125 Product Specification.

11.3. ENG Committee

11.3.1. Summary report of the 8th session of the ENG Committee

Technical Operations Manager Minsu Jeon introduced input paper C68-11.3.1.

The Council noted the summary report of ENG8.

11.3.2. ENG Committee papers for consideration

Input paper C68-11.3.2 summarizes and gives information on the input papers submitted by the ENG Committee for approval and should be referred to for details on the documents listed in this section of the report under 11.3.2.1 to 11.3.2.12.

> 11.3.2.1. Draft Recommendation R0201(E-200-1) Ed.3 – Marine Signal Lights – Colours

Input document C68-11.3.2.1 refers.

The Council approved Recommendation R0201(E-200-1) Ed.3 – Marine Signal Lights – Colours

> 11.3.2.2. Draft Recommendation R1017 – Resilient Position, Navigation and Timing (PNT)

Input document C68-11.3.2.2 refers.

The Council approved Recommendation R1017 – Resilient Position, Navigation and Timing (PNT)

> 11.3.2.3. Draft Guideline G1006 Ed. 4 – Plastic Buoys

Input documents C68-11.3.2.3 refers.

The Council approved Guideline G1006 Ed. 4 – Plastic Buoys.

> 11.3.2.4. Draft Guideline G1067-3 – Electrical Energy Storage for AtoN

Input document C68-11.3.2.4 refers.

The Council approved Guideline G1067-3 – Electrical Energy Storage for AtoN.

> 11.3.2.5. Draft Guideline G1065 Ed.4 – AtoN Signal Light Beam Vertical Divergence

Input document C68-11.3.2.5 refers.

The Council approved Guideline G1065 Ed.4 – AtoN Signal Light Beam Vertical Divergence.

> 11.3.2.6. Draft Model Course L1.5 – Marine Aids to Navigation Management Training – Level 1 – Module 5 Ed. 2 – Historic Lighthouse Projects

Input document C68-11.3.2.6 refers.

The Councillor for Australia mentioned a typo in the title of Module 2.1 and more importantly pointed out that the reference to the IALA conservation manual should use the amended title *Complementary Lighthouse Use Manual.*

The Council approved Model Course L1.5 – Marine Aids to Navigation Management Training – Level 1 – Module 5 Ed. 2 – Historic Lighthouse Projects subject to the corrections of the reference to the IALA conservation manual (renamed *Complementary Lighthouse Use Manual*) and the typo in the title of Module 2.1.

11.3.2.7. Draft Model Course L2.1.7 – Marine Aids to Navigation – Technician Training – Level 2 – Module 1 Element 1.7 Ed. 3 – Buoy Moorings

Input document C68-11.3.2.7 refers.

The Council approved Model Course L2.1.7 – Marine Aids to Navigation – Technician Training – Level 2 – Module 1 Element 1.7 Ed. 3 – Buoy Moorings.

11.3.2.8. Draft Model Course L2.2.1 - Marine Aids to Navigation – Technician Training – Level 2 – Module 2 Element 2.1 Ed. 3 – DC Power Systems

Input document C68-11.3.2.8 refers.

The Council approved Model Course L2.2.1 - Marine Aids to Navigation – Technician Training – Level 2 – Module 2 Element 2.1 Ed. 3 – DC Power Systems.

11.3.2.9. Draft Model Course L2.2.2 – Marine Aids to Navigation – Technician Training – Level 2 – Module 2 Element 2.2 Ed. 3 – Primary and Secondary Battery Maintenance

Input document C68-11.3.2.9 refers.

The Council approved Model Course L2.2.1 - Marine Aids to Navigation – Technician Training – Level 2 – Module 2 Element 2.1 Ed. 3 – DC Power Systems.

11.3.2.10. Draft Model Course L2.2.3 - Marine Aids to Navigation – Technician Training – Level 2 Ed. 3 – Photovoltaic (Solar Panel) Systems and Maintenance

Input document C68-11.3.2.10 refers.

The Council approved Model Course L2.2.3 - Marine Aids to Navigation – Technician Training – Level 2 Ed. 3 – Photovoltaic (Solar Panel) Systems and Maintenance.

11.3.2.11. Heritage Seminar proposal

Input document C68-11.3.2.11 refers.

The Councillor for Brazil indicated that his organization was prepared to host the Seminar. The Secretariat also received an invitation from Ireland.

The Council approved the Heritage Seminar to be held in early 2020 and expressed its gratefulness to the Councillor for Brazil for this generous offer.

11.3.2.12. Proposal for a Workshop on R-Mode

Input document C68-11.3.2.12 refers.

The Councillor for Norway questioned the timing proposed for the Workshop if an output was to be submitted to WRC19.

The Deputy Secretary-General answered that a primary interest in WRC19 would be satellite VDES, while the workshop was intended for terrestrial positioning, including VDES terrestrial. Its results will be useful for WRC23 for frequencies to be allocated in the Radio Regulations.

The Council approved the Workshop on R-Mode in the second half of 2019 at IALA Headquarters or in a host country, should an invitation be received.

11.4. VTS Committee

11.4.1. Summary report of the 45th session of the VTS Committee

Technical Officer Tom Southall introduced input paper C68-11.4.1.

The Council noted the summary report of VTS45.

11.4.2. Approval of draft recommendations and guidelines

Input paper C68-11.4.2 gives the background to the submission of the new or revised documents.

11.4.2.1. Draft Recommendation R0127(V-127) Ed. 3 – VTS Operations

Input paper C68-11.4.2.1 refers. The recommendation was revised to the new IALA documentation structure.

The Council approved Recommendation R0127(V-127) Ed. 3 – VTS Operations.

11.4.2.2. Draft Guideline G1141 – Operational Procedures for Vessel Traffic Services

Input paper C68-11.4.2.2 refers.

The guidance contained in this document was transferred from Recommendation V-127 to conform to the new document structure.

The Council approved Guideline G1141 – Operational Procedures for Vessel Traffic Services.

11.4.2.3. Draft Guideline G1142 – The Provision of Local Port Services other than VTS

Input paper C68-11.4.2.3 refers.

The Committee considered this document as best practice for Contracting Governments/Competent Authorities to ensure that a clear differentiation exists between VTS and local port services and that this is clearly communicated to mariners allied services and other stakeholders. It is also designed to assist entities operating local port services to enhance efficiency and safety in a globally harmonised manner.

The Council noted that Local Port Services has a specific meaning in a VTS world and has been used in IALA and its guidance for many years.

The Council approved Guideline G1142 – The Provision of Local Port Services other than VTS.

11.4.2.4. Draft Guideline G1045 Ed. 1.1 – Staffing Levels at VTS Centres

Input papers C68-11.4.2.4 and C68-11.4.2.4.1 refer.

These two documents are part of the revision of Guideline 1045 which relates to the staffing levels at VTS centres. Guideline 1045 was reviewed and minor changes were made to update the document in order to align the content with current developments. This included an amendment to the formula for determining the number of VTS operators required for staffing a VTS Centre which is now contained in the annex entitled VTS Staffing Calculation Spreadsheet.

The Council approved Guideline G1045 Ed. 1.1 – Staffing Levels at VTS Centres and its associated spreadsheet

11.4.3. Response to IHMA on IALA Guideline 1111 - Preparation of Operational and Technical Performance Requirements for VTS Systems

Input paper C68-11.4.4 refers.

An input paper from the IHMA proposed amendments to Guideline 1111. These were considered and implemented. G1111 has been kept as a working paper to ensure necessary updates are in place. This liaison note informs the IHMA of the VTS Committees actions.

Action item 6:
The Secretariat is requested to forward input paper C68-11.4.4 - 11.4.3. Response to IHMA on IALA Guideline 1111 - Preparation of Operational and Technical Performance Requirements for VTS Systems to IHMA.

The Council approved the liaison note to IHMA on IALA Guideline 1111 - Preparation of Operational and Technical Performance Requirements for VTS Systems.

11.4.4. Work on the revision of IMO Resolution A.857(20) – Guidelines for Vessel Traffic Services

Input paper C68-11.4.5 refers.

The Council noted the information provided.

11.4.5. Proposed Seminar on the revision of IMO Resolution A.857(20) – Guidelines for Vessel Traffic Services

Input paper C68-11.4.6 refers.

The Council approved the Seminar on the revision of IMO Resolution A.857(20) – Guidelines for Vessel Traffic Services to be held in 2019 at IALA Headquarters.

11.5. ENAV Committee

11.5.1. Summary report of the 22nd session of the ENAV Committee

Input paper C68-11.5.1 refers.

The Council noted the summary report of ENAV21.

11.5.2. Guidelines submitted for approval by the ENAV Committee

11.5.2.1. Draft Guideline G1128 Ed. 1.1 – The Specification of e-Navigation Technical Services

Input paper C68-11.5.2.1 refers.

This important guideline will be used by shore authorities and others when moving into the future of digital maritime services. The ARM Committee was heavily involved and IALA is cooperating with IMO and IHO to create the international framework for these services. It was expected that this Guideline, together with one under development by ARM, would become handbooks to be used by many organisations and corporations, also outside IALA membership.

The Councillor for Canada noted that the Guideline did not embrace other options and solutions such as AIS ASM. The Dean of the Academy answered that it was primarily intended to describe solutions associated with S-100 but could be used for non S-100 solutions as well. The ENAV Committee would in any case review it regularly.

The Council approved Guideline G1128 Ed. 1.1 – The Specification of e-Navigation Technical Services and requested the ENAV Committee to keep it under review.

Action item 7:
The ENAV Committee to keep Guideline G1128 Ed. 1.1 – The Specification of e-Navigation Technical Services under review.

11.5.2.2. Draft Guideline G1139 Ed. 2 – The Technical Specification of VDES

Input paper C68-11.5.2.2 refers.

All chapters had been updated to reflect the technical developments in VDES and Annex C (link layer) was replaced with a new Link Layer developed at the intersessional meeting held in China in 2018. The Link layer is the layer above the physical layer in the OSI system for describing computer or communications systems.

The Council approved Guideline G1139 Ed. 2 – The Technical Specification of VDES.

11.5.3. Proposal to hold a Workshop on Initial Operating Capability (IOC) phase for e-Navigation

Input paper C68-11.5.3 refers.

The Workshop had been approved by correspondence on 24 October 2018. **The Council endorsed approval of the Workshop on Initial Operating Capability (IOC) phase for e-Navigation to be held in April 2019 in Singapore.**

Action item 8:
The Secretariat is requested to post all documents approved under Agenda item 11 to the IALA Website by the end of the year 2018.

11.6. e-Navigation Underway conferences

11.6.1. e-Navigation Underway International

The Councillor for Denmark informed the Council of the 9th edition of the e-Navigation Underway International which will be held from 6th to 8th February 2019 with various stakeholders under the theme 'Paving the Way for a Digital Maritime World – Benefits and barriers when implementing new technologies'. The Conference will again take place on a ship sailing from Copenhagen to Oslo and return.

He added that speakers are invited to contact the IALA Secretariat, should they wish to make a presentation.

11.6.2. e-Navigation Underway North America

The Secretary-General represented IALA and gave a key-note speech at the e-Navigation Underway North America from 6th to 8th October in San Francisco. The conference was organised in cooperation with the California State University Maritime Academy.

The attendance was limited - 45 participants, but the quality of the presentations was excellent, the discussions were lively and the venue was good. The organisers, Fred Pot and Robert Moore, plan a 2019 event in the fall of 2019 in the USA.

11.6.3. e-Navigation Underway Asia-Pacific

Mr Yong-hun Cho of the Ministry of Ocean and Fisheries of the Republic of Korea reported briefly on the successful e-Navigation Underway Asia-Pacific conference, which was held in Seoul immediately after the 19th IALA Conference in Korea. He thanked all those who participated for the success of the event. The next e-Navigation Underway Asia-Pacific will be held in Seoul in July 2019.

Secretary-General Francis Zachariae invited the Council to note the outcome of the conferences and to consider the highlights in relation to the work of IALA and also to consider participating in the ENUW International in February, the Asia Pacific Conference next summer and the North America conference in the fall of 2019.

12. IALA WORLD-WIDE ACADEMY

12.1. Progress report and future actions

The Dean of the IALA WWA Omar Frits Eriksson gave a brief history of the World-Wide Academy, established in 2012 with independent funding and three functions: education and training; capacity building; and research and development. It is intended to meet goal 2 of the IALA Strategic Vision 2018-2026 – *All coastal states have contributed to an efficient global network of Marine Aids to Navigation through capacity building and the sharing of expertise.*

The Academy is funded by sponsors under donation contracts, often renewable, and in-kind support. Its income is relatively stable with a peak to 1,09M€ scheduled for 2019 to 2022. Sustainable funding remains, however, a matter of concern.

The main results are in education and training with 20 accredited AtoN training organisations, 29 accredited VTS training organisations, over 270 people trained in the use of the IALA Risk Management Toolbox and more than 200 certified AtoN managers. The Academy is directly involved in training, for Level 1 courses and distance learning.

Capacity building gives good results with a reduction in the number of States in need, which are evaluated comparing the volume of traffic and degree of risk against the maritime management quality. The Academy carried out five need assessment missions in 2018 and six review missions. Eleven review missions are planned for 2019. In total the Academy carried out 38 missions since its establishment.

The Pre-Diplomatic conferences provide an opportunity for associated Seminars: one took place the day before the 2nd Pre-Diplomatic conference in Morocco in February 2018 and another one will be organised in the margin

of the 3rd Pre-Diplomatic conference in Istanbul in March 2019, focusing on the consequences of the introduction of the IALA standards.

The main objectives for 2019 are the following:

- Focus on the States with greatest needs
- Review of progress: establish long term relationships with the States in need
- Ensure training quality at accredited training organisations
- Strengthen distance learning with a learning management platform
- Connecting people through Alumni activities to ensure sustainable learning
- Delivery as One, the United Nations strategy.

The Academy also has the project to fill the competency gap in marine aids to navigation by the means of establishing a high-quality and motivated international Alumni network, which would be present at international events, bring professionals together, exchange know-how and experience, foster international cooperation and ensure connectivity and self-sustainability.

The Council noted the information provided.

12.2. Academy Risk Register

Input paper C68-12.2 refers.

The Dean of the IALA WWA Omar Frits Eriksson presented the updated risk register with a focus on the main risks identified, which are the loss of major sponsorship and two risks that are increasing: a loss in the quality of the training and the personal safety of the Academy staff.

The latter risk was considered of highest importance and the Academy was invited to implement mitigation measures, including possible training to security.

13. INTERNATIONAL

13.1. IMO

13.1.1. IMO-IHO Harmonization Group on Data Modelling

Input papers C68-13.1.1 and C68-13.1.2 refer.

Technical Operations Manager Minsu Jeon reported that the second session of the IMO/IHO Harmonization Group on Data Modelling (HGDM) was held at IMO Headquarters in London from 29th October to 2nd November 2018, chaired by Mr Hong Sunbae (Republic of Korea). IALA was represented by the Deputy Secretary-General and the Technical Operations Manager, and kindly supported by David Lewald, of the US Coast Guard, Vice-Chair of the ARM Committee, and Axel Hahn of Offis in Germany, working group leader in the ENAV Committee.

Input paper C68-13.1.3 is the WMO-IHO-IALA-IMPA submission to the meeting, which approved by the Council via email procedure.

At this second session of the HGDM the Group developed a draft IMO Resolution and a draft IMO Circular, both aiming at harmonising (digital) Maritime Services. Its report and the draft documents will go to the next session of NCSR.

The Council endorsed approval of the WMO-IHO-IALA-IMPA submission to IMO-IHO HGDM and noted the information provided.

13.1.2. MSC100

Deputy Secretary-General Michael Card said that the meeting had been held during the preceding week and not report was available yet. There was no input from IALA to this meeting. The Council will be updated on this MSC100 at the next session.

13.1.3. NCSR6

Technical Operations Manager Minsu Jeon indicated that NCSR6 will be held at IMO Headquarters from 16th to 25 January 2019. IALA has submitted four papers for consideration, which are at the following input papers:

- C68-13.1.3.1 - Liaison Note to IMO NCSR concerning proposed agenda items for WRC-23
- C68-13.1.3.2 - IALA submission to IMO-NCSR on AMRD
- C68-13.1.3.3 - INF from IALA to IMO NCSR6 on LED AtoN
- C68-13.1.3.5 – INF to IMO NCSR6 on the review of A.857(20)

All papers have been approved by the Council by correspondence and had to be endorsed.

The Council endorsed approval of four submissions to IMO NCSR6:
- **Liaison Note to IMO NCSR concerning proposed agenda items for WRC-23**
- **C68-13.1.3.2 - IALA submission to IMO-NCSR on AMRD**
- **C68-13.1.3.3 - INF from IALA to IMO NCSR6 on LED AtoN**
- **C68-13.1.3.5 – INF to IMO NCSR6 on the review of A.857(20).**

13.1.4. Council 121

Input paper C68-13.1.4 refers.

Technical Operations Manager Minsu Jeon reported that the meeting had been held at IMO Headquarters from 19th to 23rd November. IALA was represented by the Secretary-General and the Technical Operations Manager.

The reform of the IMO Council, led by Australia, was of utmost interest to IALA and the Technical Operations Manager invited the Councillor for Australia Gary Prosser to brief the Council on these developments.

Gary Prosser indicated that a working group had been established on the reform of the IMO Council. The working group looked at its term (now two years), size (an extension was proposed) and operational transparency. Not everything was achieved and further issues would need to be addressed such as funding, access to documents (including costs), and access to decisions with transcripts of the meetings. The working group will meet again at the next IMO Council meeting.

The Council noted the information provided.

13.2. ITU

Deputy Secretary-General Michael Card introduced input paper C68-13.2, which summarises the six matters at ITU which are of high importance to IALA:

- Development of VDES for maritime connectivity
- Maintenance of ITU-R M.1371-5 relating to AIS
- Mobile AIS AtoN
- Autonomous AIS devices and the use of AIS AtoN for non-AtoN purposes
- Preparations for WRC2019
- Preparation for WRC2023

ITU-R WP 5B met in November and IALA was represented by expert Mr Stefan Bober, by kind permission of the German Federal Waterways and Shipping Authority. Mr Bober's report on that meeting is input paper C68-13.2.1.

The Council noted the report on ITU-R WP 5B.

Five liaison notes to ITU had been approved by Council by correspondence and were awaiting endorsement, at input papers C68-13.2.2 to C68-13.2.6.

- The first two concern technical development of VDES – satellite component
- The second relates to Autonomous Marine Radio Devices, where ARM and ENAV Committees are cooperating to develop IALA's position and advise ITU-R. It is important to clarify how and when these

devices can be deployed and hopefully control the proliferation of devices operating on channels AIS1 and AIS2 to the detriment of safe navigation.

- The last two related to WRC19 and to the topics for WRC23:
  - Providing a means to accommodate digital systems in the VHF maritime mobile band, which would include digital voice;
  - Providing a radionavigation allocation for VDES R-Mode to support resilient position, navigation and timing.

The Council endorsed approval of five liaison notes to ITU:

- **To WP5B**
  - **Working document towards a preliminary draft new Report ITU-R M.[VDES-SAT] (input paper C68-13.2.2)**
  - **Working document towards a preliminary draft new Report ITU-R M.[VDES-SAT] – Annex (input paper C68-13.2.3)**
  - **Autonomous Maritime Radio Devices (AMRD) (input paper C68-13.2.4)**
- **To WRC-19**
  - **IALA position on WRC-19 Agenda item 1.9.2 (VDE-SAT) (input paper C68-13.2.5)**
  - **Proposed Agenda items for WRC-23 (input paper C68-13.2.6)**

13.3. IHO-IALA 2nd Technical Coordination meeting

Technical Operations Manager introduced input paper C68-13.3.1.

In 2017, the Secretariat initiated a series of 6-monthly meetings with the IHO Secretariat for the purpose of coordinating input documents to IMO, especially the HGDM, coordinating and managing the work on S100 and S200. The most recent of these meetings was held on 24 September 2018 at IALA Headquarters, chaired by the Deputy Secretary-General.

The IALA Secretariat was assisted by Mr David Lewald of the US Coast Guard, and Mr Axel Hahn from German Associate member Offis. The focus was on the input to HGDM and S-200 development.

The Technical Operations Manager is arranging the next coordination meeting and the involvement of IHO in the work of the ARM Committee.

13.4. Sea Traffic Management Verification project

Input paper C68-13.4.1 refers.

The Councillor for Sweden delivered a brief presentation on the project. His presentation is available from the Website, Council documents page.

13.5. FERNS

13.5.1. 27th session of FERNS Council

Input paper C68-13.5.1 refers.

Deputy Secretary-General Michael Card recalled briefly that FERNS had originally be established by intergovernmental agreement to coordinate works and operation of the Loran-C and Chayka chains in the FarEast. FERNS now consists of the Peoples' Republic of China, the Republic of Korea and the Russian Federation.

The 27th session of the FERNS Council was held in Moscow, Russian Federation from 22 to 26 October 2018. IALA was represented by the Deputy Secretary-General and the Events and Documents Coordinator.

The FERNS Technical Working Group (TWG), had held its 13th session on 22 October, chaired by Professor GUG Seunggi, of Korea.

The FERNS Council continued its work to ensure harmonisation of Loran-C and Chayka services.

A special bilateral meeting between the Republic of Korea and the Russian Federation delegations was held to discuss coordination towards the establishment of a new Russian-Korean Radio Navigation Chain.

There was no indication that China or Russia will upgrade existing stations to eLoran/eChayka.

IALA expressed the wish that the content and objectives of FERNS Council Resolution 25.1, made on 28 October 2016, are carried forward by FERNS for the improvement and harmonisation of maritime services and resilient position fixing in the FERNS area. IALA also hoped that the work of FERNS remains closely aligned with that of IALA.

There was no significant movement towards a broader approach to e-Navigation by the FERNS Council. FERNS would be a good vehicle for developing other terrestrial radio-navigation systems such as R-Mode and for harmonising future digital Maritime Services.

14.   IALA CONFERENCES AND SYMPOSIA

14.1. 2018 IALA Conference – Republic of Korea

The full report of the Conference was at input paper C68-14.1.

Mr Yong-hun Cho of the Ministry of Ocean and Fisheries of the Republic of Korea expressed his country's gratefulness to all members for the success of the World Lighthouse Heritage Exhibition and to the Industrial members for a successful industrial exhibition.

14.2. 2020 IALA Symposium – The Netherlands

The Councillor for The Netherlands reported that the preparation works are going to plans. The Symposium will be back to back to IMO MSC in London. The theme was decided and the logo chosen. A programme has been established in cooperation with the IALA Secretariat and Symposium steering group.

She indicated that a new version of the invitation was on YouTube at https://www.youtube.com/watch?v=qsBJFsrhV20.

14.3. 2022 IALA Conference – Brazil

The Councillor for Brazil reported that Rio de Janeiro had been selected to be the host city for the 2022 IALA Conference.

Secretary-General Francis Zachariae added that the Council will soon need to identify hosts for the 2024 Symposium and 2026 Conference.

15.   MEMBERSHIP

15.1. Applications for membership

Input paper C68-15.1 refers.

Secretary-General Francis Zachariae listed the organisations or companies having applied for IALA membership, which were awaiting formal approval.

The Council approved National membership for:
- **Instituto Hidrografico e Sinalização Maritima, Angola**
- **Agence Portuaire, Maritime et Fluviale, Madagascar**

The Council approved Industrial membership for:
- **Alsic BVBA, Belgium** (late application received during the Council meeting)

- **CSIS PRIDe (Nanjing) Atmospheric and Oceanic Information System Co., Ltd, People's Republic of China**
- **Aeromarine Private Limited, India**
- **Keira Surya Kencana, Pt, Indonesia**
- **Pesona Global Teknologi, PT, Indonesia**
- **Pishgam Sanat Tahmin Engineering Co., Iran**
- **Navtor, Norway** The Council was of the opinion that Industrial membership is more appropriate for NAVTOR, which is a manufacturer of AtoN equipment.

The Council approved Associate membership for:
- **National Institute of Telecommunications, Poland (late application received).**

Other members had been provisionally approved and approval was awaiting endorsement.

The Council endorsed the approval of Industrial membership for:
- **Northwest Plastics Ltd. (DBA Tidal Marine), Canada**
- **Ad Engineering Ltd., Papua New Guinea**
- **Inca Philippines Inc, Philippines**

The Council endorsed the approval for Associate membership for:
- **A* STAR-I2R, Singapore**
- **Svendborg International Maritime Academy (SIMAC), Denmark**
- **Dongnan University, Peoples' Republic of China**, after the support was received from China MSA.

15.2. Resignations from membership

Input paper C68-15.2 refers.

Secretary-General Francis Zachariae invited the Council to note the resignations from membership as follows:

Industrial members:

- Schnoor Industrieelektronik GmbH & Co., Germany
- Vega Industries, New Zealand

Associate member: Panama Canal Authority, Panama

15.3. Terminations or suspensions of membership

Input paper C68-15.3 refers.

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

National members listed in input paper C68-15.3 would have their rights and benefits suspended at the next Council meeting in June if no payment is received or no repayment plan is discussed with them on or after the Pre-Diplomatic Conference in March 2019.

Terminate Industrial membership of
- **Xanatos Marine Ltd, Canada**
- **Full Oceans, France**
- **Arman Moje Asia (AMACO), Iran**
- **Dongkang M-Tech Co, Ltd, Republic of Korea.**

Terminate Associate membership of Port Autonome de Djibouti, Republic of Djibouti.

IMC Observer James West requested that the list of debts be updated with regard to Sabik Oy in Finland, the company having paid its contributions.

Action item 9:
The Secretariat to remove Sabik Oy from the list of Industrial members' debts.

16. IALA COMMUNICATION TOOLS

16.1. IALA Website

Secretary-General Francis Zachariae reported that the Website is kept under review in the light of the results of the recent survey among Committee participants.

16.2. IALA Bulletin

Events and Documents Coordinator Marie-Hélène Grillet informed the Council that the eBulletin was now appearing 4 times a year and the paper Bulletin twice a year in June and December. She encouraged the Councillors to provide her with articles on any subject that may be of interest to the membership.

17. ANY OTHER BUSINESS

Deputy Secretary-General Michael Card said that Jin-gee Jeon, seconded to IALA by the Republic of Korea would leave the Secretariat on 20th December. Mr Jeon worked intensively on S-201 and participated regularly in all four Committees. He also successfully passed the Academy training course. Michael Card thanked the Ministry of Ocean and Fisheries of the Republic of Korea for allowing Mr Jeon to come to IALA.

IMC Observer John Sugarman expressed his appreciation to the departing Deputy-Secretary-General for a fruitful cooperation with the Industrial members over the years.

The Councillor for India supported the IMC declaration, stating the following: "*I take the opportunity to recognise the splendid work done by Michael Card and Stephen Bennett. I have seen Michael handling all technical matters single handedly during the council meetings and Stephen been a task master while taking classes. I also congratulate Omar for having been recognised to perform two very important responsibilities as Deputy Secretary-General along with Dean of IALA WWA.*"

18. DATES AND PLACES FOR NEXT MEETINGS

The Council approved the following dates and venues for sessions 69 and 70:
- **Session 69: 17-21 June 2019, Rotterdam, The Netherlands**
- **Session 70: 9-13 December 2019 in New Caledonia**

The Council approved the following tentative dates and venues for the following sessions:
- **Session 71: June 2020 at IALA Headquarters or at the invitation of a National member**
- **Session 72: December 2020 at IALA Headquarters**
- **Session 73: June 2021 IALA at Headquarters or at the invitation of a National member**
- **Session 74: December 2021 at IALA Headquarters**

The President closed the meeting at 11h10 on Friday 14th December 2018, thanking all participants for their attendance and the IALA Secretariat for their wonderful arrangements. She especially thanked Michael Card for his expertise and friendship over the years he had been involved in the Council work.

ANNEX A – AGENDA FOR THE MEETING

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	N/A
5. REPORT OF THE 66th & 67th SESSIONS	
5.1 Matters arising from the sessions	Note
6. REPORT BY THE SECRETARY GENERAL	Note
7. NATIONAL MATTERS	Note
8. STRATEGY AND POLICY	
8.1 Position on the Development of AtoN Services	Review
8.2 Policy Advisory Panel	Note
8.2.1 Committee structure	Note
8.2.2 Report of PAP36	Note
8.3 Change of status	
8.3.1 4th Extraordinary LAP meeting on change of status	Note
8.3.2 Pre-Diplomatic Conference March 2019 [a]	Note
8.4 Legal Advisory Panel (LAP)	
8.4.1 IALA Risk Register	Consider
8.5 World Marine Aids to Navigation Day	
8.5.1 Theme for World AtoN Day 2019	Decide
8.6 Council Strategy Drafting Group	Note
9. FINANCE AND AUDIT COMMITTEE REPORT	
9.1 Renewal of external auditor's mandate	Approve
9.2 Budget for 2019	Approve
9.3 Draft outline budget 2020-2022	Note

ITEM			ACTION REQUESTED
	9.4	**Cash flow situation as at 31st October 2018**	Note
	9.5	**Membership contributions status**	Note
10.	**INDUSTRIAL MEMBERS COMMITTEE**		Note
11.	**IALA TECHNICAL ACTIVITIES**		
	11.1	**Committee work organisation**	
		11.1.1 Committee work programme	Approve
		11.1.2 Committee events plan	Note
	11.2	**ARM**	Note/Approve
	11.3	**ENG**	Note/Approve
	11.4	**VTS**	Note/Approve
	11.5	**ENAV**	Note/Approve
	11.6	**e-Navigation Underway**	Note
12.	**IALA WORLD-WIDE ACADEMY**		
	12.1	**Progress report and future actions**	Note
	12.2	**Academy Risk Register**	Note
13.	**INTERNATIONAL**		
	13.1	**IMO**	
		13.1.1 IMO-IHO Harmonisation Group on Data Modelling	Note/Approve
		13.1.2 MSC100 [(a)]	Note
		13.1.3 NCSR6	Note/Approve
		13.1.4 Council 121	Note/Approve
	13.2	**ITUs**	
		13.2.1 ITU-R WP5B	
	13.3	**IHO**	
		13.3.1 2nd TC meeting	Note
	13.4	**Sea Traffic Management Verification Project**	
		13.4.1 Project Policy Advisory Group	Note

ITEM	ACTION REQUESTED
13.5 FERNS 13.5.1 27th session of FERNS Council	
14. IALA CONFERENCES AND SYMPOSIA **14.1 2018 IALA Conference – Korea** **14.2 2020 IALA VTS-e-Navigation Symposium – The Netherlands** **14.3 2022 IALA Conference – Brazil** (a)	 Note Note Note
15. MEMBERSHIP **15.1 Applications for Membership** **15.2 Resignations from Membership** **15.3 Terminations or suspensions of Membership**	 Approve Note Decide
16. IALA COMMUNICATION TOOLS **16.1 IALA Website** **16.2 IALA Bulletin**	 Note Note
17. ANY OTHER BUSINESS	
18. DATES AND VENUES FOR NEXT MEETINGS	Note

ANNEX B – LIST OF PARTICIPANTS

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India

India has got 194 lighthouses, 64 Racons, 23 DGPS stations, along our coastline and on islands. National network of 87 AIS base stations have been established and being maintained. VTS has been established and maintained in two very busy waterways on west coast in Gujarat and also all major ports have their own VTS. Since last council meeting DGLL has been declared as National Competent authority for all matters pertaining to training and certification on Aids to Navigation and VTS. We have developed our training centre at Kolkata to an Accredited Marine Navigation Training Institute. We have conducted one International course of IALA Aton Manager Level 1 during July/Aug 2018 at our training centre at Kolkata with the support of IALA where 20 participants from 12 countries, including domestic participants, attended the course. Sec-Gen IALA and Dean IALAWWA were kind enough to be present during the opening ceremony and we are thankful to them and to IALA for support. We are planning one such international course every year. Next course has been scheduled during November 2019. We have also established VTS Simulator at our training centre and now planning to conduct IALA V103/1 &V 103/2 courses for which we are in discussion with IALA for support.

Infrastructure development towards promotion of tourism at lighthouses has gained the momentum. Recapitalisation of 23 DGPS stations to upgrade to DGNSS has been taken up. We have already completed the work in respect of 13 stations and work has been awarded for next 03 stations. National Navtex network has been established and maritime safety information messages are being broadcast regularly. Cyber security is also matter of concern for us and we have initiated talks with the concern agencies from the field towards strengthening of cyber security.

ANNEX D – ACTION ITEMS

Action item 1:
The Secretariat should send PAP the draft Position on the Development of AtoN Services, *amended according to the remarks made at Council on training and certification, to look deeper into GNSS backups in the light of the comments on radionavigation services, send to the Committees (especially the ENG Committee) and brought it back to Council in June 2019 after the draft amended by the Committees has been endorsed by PAP by correspondence.*

Action item 2:
The Secretariat to report to Council 69 on the efficiency of the new structure implemented for Committee work.

Action item 3:
The Secretariat to circulate the report as a draft for approval by all participants in the 4th extraordinary LAP meeting.

Action item 4:
The Council to discuss again at its 69th session the theme for the World Marine Aids to Navigation Days after 2019.

Action item 5:
The Secretariat to inform the IMO Secretariat of the establishment of a World Marine Aids to Navigation Day on 1st July each year and prepare related submissions to IMO MSC and Council.

Action item 6:
The Secretariat to organise a Strategy Workshop on Monday 17th June 2019 in Rotterdam to identify the strategies/challenges for IALA in the next five to ten years.

Action item 7:
The ENAV Committee to keep Guideline G1128 Ed. 1.1 – The Specification of e-Navigation Technical Services under review.

Action item 8:
The Secretariat is requested to post all documents approved under Agenda item 11 to the IALA Website by the end of the year 2018.

Action item 9:
The Secretariat to remove Sabik Oy from the list of Industrial members' debts.

ANNEX E – RECORD OF DECISIONS OF THE 68th SESSION OF THE IALA COUNCIL

The *Position on the Development of AtoN Services* will be reviewed by PAP at its 37th session in February 2019 to look deeper into GNSS backups, sent to the Committees (especially the ENG Committee) and brought back to Council in June 2019 after the draft amended by the Committees has been endorsed by PAP by correspondence.

The Council agreed that the present Committee structure be retained and a report on its efficiency should be made to the 69th session of the Council.

The Council approved *Marine Aids to Navigation – Successful Voyages, Sustainable Planet* as the theme for the World AtoN Day, decided to inform IMO about the establishment of a *World Marine Aids to Navigation Day on 1st July each year* and reconsider the theme at a further meeting, if needed.

The Council appointed David Gordon, the Councillor for South Africa, Vice-Chair of the Council Strategy Drafting Group.

The Council agreed to hold a Strategy Workshop on Monday 17th June 2019 in Rotterdam to identify the strategies/challenges for IALA in the next five to ten years.

The Council appointed RSM Paris as the IALA external auditor, with a six year term as requested by French law.

The Budget for 2019 was approved.

The Council approved the revised Committee work programme.

The Council approved the Model Course L1.2 Master of AtoN Management.

The Council approved the Workshop on Cyber-Security scheduled for October 2020, noting that Canada may host it, subject to confirmation.

The Council approved the liaison note to IHO NIPWG – Proposal for the development of S-125 Product Specification.

The Council approved Recommendation R0201(E-200-1) Ed.3 – Marine Signal Lights – Colours

The Council approved Recommendation R1017 – Resilient Position, Navigation and Timing (PNT)

The Council approved Guideline G1006 Ed. 4 – Plastic Buoys.

The Council approved Guideline G1067-3 – Electrical Energy Storage for AtoN.

The Council approved Guideline G1065 Ed.4 – AtoN Signal Light Beam Vertical Divergence.

The Council approved Model Course L1.5 – Marine Aids to Navigation Management Training – Level 1 – Module 5 Ed. 2 – Historic Lighthouse Projects subject to the corrections of the reference to the IALA conservation manual (renamed *Complementary Lighthouse Use Manual*) and the typo in the title of Module 2.1.

The Council approved Model Course L2.1.7 – Marine Aids to Navigation – Technician Training – Level 2 – Module 1 Element 1.7 Ed. 3 – Buoy Moorings.

The Council approved Model Course L2.2.1 - Marine Aids to Navigation – Technician Training – Level 2 – Module 2 Element 2.1 Ed. 3 – DC Power Systems.

The Council approved Model Course L2.2.2 - Marine Aids to Navigation – Technician Training – Level 2 – Module 2 Element 2.2 Ed. 3 – Primary and Secondary Battery Maintenance.

The Council approved Model Course L2.2.3 - Marine Aids to Navigation – Technician Training – Level 2 Ed. 3 – Photovoltaic (Solar Panel) Systems and Maintenance.

The Council approved the Heritage Seminar to be held in early 2020 in Brazil and expressed its gratefulness to the Councillor for Brazil for this generous offer.

The Council approved the Workshop on R-Mode in the second half of 2019 at IALA Headquarters or in a host country, should an invitation be received.

The Council approved Recommendation R0127(V-127) Ed. 3 – VTS Operations.

The Council approved Guideline G1141 – Operational Procedures for Vessel Traffic Services.

The Council approved Guideline G1142 – The Provision of Local Port Services other than VTS.

The Council approved Guideline G1045 Ed. 1.1 – Staffing Levels at VTS Centres and its associated spreadsheet

The Council approved the liaison note to IHMA on IALA Guideline 1111 - Preparation of Operational and Technical Performance Requirements for VTS Systems.

The Council approved the Seminar on the revision of IMO Resolution A.857(20) – Guidelines for Vessel Traffic Services to be held in 2019 at IALA Headquarters.

The Council approved Guideline G1128 Ed. 1.1 – The Specification of e-Navigation Technical Services and requested the ENAV Committee to keep it under review.

The Council approved Guideline G1139 Ed. 2 – The Technical Specification of VDES.

The Council endorsed approval of the Workshop on Initial Operating Capability (IOC) phase for e-Navigation to be held in April 2019 in Singapore.

The Council endorsed approval of the WMO-IHO-IALA-IMPA submission to IMO-IHO HGDM and noted the information provided.

The Council endorsed approval of four submissions to IMO NCSR6:
- Liaison Note to IMO NCSR concerning proposed agenda items for WRC-23
- C68-13.1.3.2 - IALA submission to IMO-NCSR on AMRD
- C68-13.1.3.3 - INF from IALA to IMO NCSR6 on LED AtoN
- C68-13.1.3.5 – INF to IMO NCSR6 on the review of A.857(20)

The Council endorsed approval of five liaison notes to ITU:

- To WP5B
    - Working document towards a preliminary draft new Report ITU-R M.[VDES-SAT] (input paper C68-13.2.2)
    - Working document towards a preliminary draft new Report ITU-R M.[VDES-SAT] – Annex (input paper C68-13.2.3)
    - Autonomous Maritime Radio Devices (AMRD) (input paper C68-13.2.4)
- To WRC-19
    - IALA position on WRC-19 Agenda item 1.9.2 (VDE-SAT) (input paper C68-13.2.5)
    - Proposed Agenda items for WRC-23 (input paper C68-13.2.6)

The Council approved National membership for:
- Instituto Hidrografico e Sinalização Maritima, Angola
- Agence Portuaire, Maritime et Fluviale, Madagascar

The Council approved Industrial membership for:
- Alsic BVBA, Belgium
- CSIS PRIDe (Nanjing) Atmospheric and Oceanic Information System Co., Ltd, People's Republic of China
- Aeromarine Private Limited, India
- Keira Surya Kencana, Pt, Indonesia
- Pesona Global Teknologi, PT, Indonesia
- Pishgam Sanat Tahmin Engineering Co., Iran
- Navtor, Norway

The Council approved Associate membership for:
- National Institute of Telecommunications, Poland

The Council endorsed the approval of Industrial membership for:
- Northwest Plastics Ltd. (DBA Tidal Marine), Canada

- Ad Engineering Ltd., Papua New Guinea
- Inca Philippines Inc, Philippines

The Council endorsed the approval for Associate membership for:
- A* STAR-I2R, Singapore
- Svendborg International Maritime Academy (SIMAC), Denmark
- Dongnan University, Peoples' Republic of China, after the support was received from China MSA.

National members listed in input paper C68-15.3 would have their rights and benefits suspended at the next Council meeting in June if no payment is received or no repayment plan is discussed with them on or after the Pre-Diplomatic Conference in March 2019.

The Council terminated Industrial membership of:
- Xanatos Marine Ltd, Canada
- Full Oceans, France
- Arman Moje Asia (AMACO), Iran
- Dongkang M-Tech Co, Ltd, Republic of Korea.

The Council terminated Associate membership of Port Autonome de Djibouti, Republic of Djibouti.

The Council approved the following dates and venues for sessions 69 and 70:
- Session 69: 17-21 June 2019, Rotterdam, The Netherlands
- Session 70: 9-13 December 2019 in New Caledonia

The Council approved the following tentative dates and venues for the following sessions:
- Session 71: June 2020 at IALA Headquarters or at the invitation of a National member
- Session 72: December 2020 at IALA Headquarters
- Session 73: June 2021 IALA at Headquarters or at the invitation of a National member
- Session 74: December 2021 at IALA Headquarters