

IALA COUNCIL
80th Session



24-28 June 2024
Istanbul, Türkiye

11 – WORLD-WIDE ACADEMY

11.1 WWA Progress Report

World-Wide Academy Progress Report

1 EXECUTIVE SUMMARY

The Academy continues to develop and in pursue of its strategic goals through its “Enlighten, Educate and Engage” strategy, the Academy has now resumed its physical activities fully to the same level as before the pandemic.

Accredited training organizations in the United Kingdom, France, Morocco, Suriname, India, Colombia and China have delivered or are in the process of delivering the Level 1.1 Aids to Navigation Manager course, and the worldwide training capacity is now approaching 100 new AtoN managers annually

Furthermore, numerous technical needs assessment missions and reviews have been carried out and the Academy has now conducted more than 53 such missions since its inauguration in 2012.

After more than a decade of serving on the Academy board, Sir Jeremy de Halpert has decided to retire from his post. We thank him for his outstanding work for the Academy and wish him all the best.

2 THE COUNCIL IS INVITED TO

Note the World-Wide Academy Progress Report provided in Appendix 1 to this document.



APPENDIX 1

WORLD-WIDE ACADEMY PROGRESS REPORT

INTRODUCTION

This paper contains a summary of internal reports and the executive summaries of technical cooperation visit reports. The information contained is not within the public domain and has been prepared for internal use only.

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

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

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

① ENLIGHTEN

raise the awareness of high-level decision makers of their international obligations relating to safety of navigation;

② EDUCATE

provide a suite of relevant education and training opportunities for as many as possible; and

③ ENGAGE

pursue long-term capacity building activities with coastal States and provide advice on how to overcome challenges.

1. ENLIGHTENING – RAISING AWARENESS

IMO TC-73 Meeting (16-20 Oct 2023)

During IMO TC-73, the Academy briefed IMO and the Venezuelan Ambassador on the IALA technical cooperation mission, which resulted in positive conclusions and outcomes. The meeting provided an opportunity to establish contacts with possible coastal states that may benefit from the Academy's assistance and to enhance regional cooperation in order to improve AtoN provisions. Venezuela expressed strong commitment to support the work of the IALA and the Academy.

Furthermore, the Academy presented a detailed overview of the revised IMO Resolution A.1158(32) Guidelines for Vessel Traffic Services and discussed training needs related to the topic.

MACHC Meeting in Suriname (11 to 15 Dec 2023)

- The Dominican Republic signed membership to IALA

From 11th to 15th December 2023, the Academy participated in the 24th Conference of the Meso-American & Caribbean Sea Hydrographic Commission (MACHC). The Dominican Republic signed IALA membership and Venezuela expressed a strong commitment to support the capacity building work of the WWA as a result of this participation. A decision was made during the MACHC meeting to conduct



a joint IALA/IHO technical cooperation visit to the Dominican Republic, where IHO will be represented by the Venezuelan National Hydrographer.

Furthermore, Colombia and Suriname expressed their commitment to delivering the Level 1.1 AtoN Manager course in order to enhance capacity building in the region.

2. EDUCATING – DEVELOPING NEW OPPORTUNITIES

Level 1.1 AtoN Manager course

The Academy has continued to assist the Accredited Training Organizations ATOs in delivering the Level 1.1 AtoN Manager course in accordance with the IALA model course and to provide expertise in the AtoN provisions as needed.

From October 2023 to March 2024, the Academy sponsored eleven participants to participate in the level 1.1AtoN Manager course as follow up activities for engaging with coastal states that benefited from technical visits conducted earlier in the year.

- Marine Navigation Training Institute (MNTI), Kolkata, India

The course was hosted by the Government of India's Directorate General of Lighthouses and Lightships under the Ministry of Ports, Shipping and Waterways. Training was conducted at the Marine Navigation Training Institute (MNTI) in Deep Bhavan, Kolkata from 30 October 2023 to 24 November 2023.

There were sixteen participants from six countries. The majority of the participants (seven) were from the host nation, India. Seven students were sponsored by the IALA WWA, Three from Bangladesh, two from Yemen, one from Somalia and one from Egypt.

- Escuela Naval de Cadetes "Almirante Padilla" (ENAP), Cartagena, Colombia

The course was delivered in Spanish language and adopted a hybrid format, featuring online delivery for Modules 1 and 2, while the Module 2 exam and Module 3 were conducted in person in Cartagena from 14th to 24th November 2023.

There were Sixteen attendees from six countries. Four participants were sponsored by the Academy, two from Venezuela, one from Guatemala and one from Argentina.

- CEREMA, Brest, France

The Level 1.1 AtoN Manager course was delivered by CEREMA in French. The course was successfully completed by twelve participants, one of whom was from Cote d'Ivoire.

Level 1.3 Use of IALA Risk Management toolbox

A number of courses are being offered by the Academy to address the gap in understanding the importance of conducting risk assessments to ensure the safe management of waterways as specified by SOLAS Chapter V Regulations 12 and 13.

- The Use of IALA Risk Management toolbox training, Istanbul, Turkey.

The course comprised two parts: an introductory phase to the IALA risk management toolbox through distance learning and hands-on utilisation of the IALA risk management tools at the Directorate General of Coastal Safety (DGCS) in Istanbul, Türkiye. The distance learning segment was available from November 5th, and the in-person segment took place from November 27th to December 1st, 2023. Students participating in the course were from twelve countries, with ten individuals sponsored by the IALA WWA.



- IWRAP Super User Seminar, IALA HQ

The first IALA IWRAP Super User seminar was held at IALA HQ from 26th to 28th February 2024. The seminar brought maritime risk professionals, researchers, and software developers together to explore the IALA Waterway Risk Assessment Program (IWRAP) and other software based risk modelling methods currently in use.

The event was attended by IALA National and Industrial members, academic institutions, and IALA interns and provided a forum for the group to share experiences and research, foster networking opportunities and actively contribute to discussions shaping the future development of IWRAP.

S-100, S-200 and Data product specification development: Pilot test training

From 20th to 22nd February 2024, the IALA World-Wide Academy (WWA) conducted a pilot test of training on S-100, S-200, and associated Data Product Specifications. A team of experts from UKHO, Korea Research Institute Of Ships And Ocean Engineering KRISO, and PRIMAR facilitated the training. The training was attended by 20 participants, including IALA Committee members, National members, and IALA WWA interns.

The purpose of the training was to shape the future of training on Data Product Specifications. Following the feedback received from participants, lecturers, and the IALA team, a roadmap was developed for the next training session on S-100, S-200 and Data Product Specifications.

3. ENGAGING – LONG TERM CAPACITY BUILDING RELATIONSHIPS

The technical visits have furthered the cooperation and contributed to the improvement of AtoN provisions worldwide.

Technical mission to Venezuela (30 Sep to 14 Oct 2023)

The Academy conducted a technical mission to the Bolivarian Republic of Venezuela. The Coordinating Office of Hydrography and Navigation (OCHINA) and the National Hydrographic Office (SHN), are responsible for Marine Aids to Navigation and operate under the Minister of People's Power for Defense. Considering the difficulties Venezuela has faced over the years, it is remarkable that ATON service provisions comply with IALA Standards. Venezuela showed a strong commitment to the work of IALA and the Academy and to advancing regional cooperation.

Technical Mission Mozambique, follow up (28 Nov -06 Dec 2023)

Phase two of the IALA World-Wide Academy's technical cooperation visit was carried out in Mozambique. The goal was to support the maritime authorities in determining who is responsible for what in relation to Safety of Navigation, in accordance with the recently implemented national regulatory framework that took effect in October 2021. Since a lot has happened on the IALA side since the first technical mission took place in 2018, technical topics were included in the visit's scope.

In-depth conversations were produced during meetings with the hydrographic office, port authority, ministry, and other interested parties. After receiving a thorough briefing on the results, the Minister of the Sea reaffirmed her commitment to enhancing safety of navigation going forward.

Technical mission to Guinea Bissau (17 to 24 Feb 2024)

IALA carried out a technical needs assessment mission in Guinea Bissau jointly with the International Hydrographic Organization (IHO). IHO was represented by experts from the Portuguese Navy. Navigation in Guinea Bissau waters is extremely difficult for both foreign ships and local users, such as ferries and fisherman, as none of the AtoN on the chart is operational right now.



During the mission, the Minister of Transportation was actively involved and demonstrated a strong commitment to resolving the situation. Guinea Bissau is asking support and help from the international community to build capacity to improve the safety of navigation in Guinea Bissau waters.

Indonesia Capacity building project (Jan and Mar 2024)

A Memorandum of Understanding (MoU) between the Directorate General of Sea Transportation (DGST), Ministry of Transportation in Indonesia, and IALA, was signed in November 2023. The MoU is aimed at improving further the safety and efficiency of navigation and the protection of marine environment in Indonesian waters through technical cooperation between IALA and the DGST. The IALA World-Wide Academy conducted a preliminary visit to the DGST headquarter and District Navigation of Benoa in Bali during the week of 15th to 19th January 2024.

There was an agreement between the two parties regarding the implementation of an action plan designed to further enhance the education and training capacity of DGST through delivering the IALA Aids to Navigation Manager model course in the local language Bahasa, and to share expertise and knowledge with the twenty five governmental navigational districts in Indonesia.

On March 4–8, a follow-up visit was carried out with the goal of helping to establish an ATO and conducting multiple stakeholders' meetings with the goal of enhancing navigation safety in Indonesia.

Omar Frits Eriksson
27th May 2024



APPENDIX 2

ACTION PLAN 2024

AtoN Manager courses (L1.1)

<i>Planned activity</i>
Help deliver several L1.1 courses spread around the world. Likely locations: United Kingdom, China, France, India, Suriname, Colombia, Morocco and perhaps Indonesia.

AtoN Master courses (L1.2)

<i>Planned activity</i>
Three L1.2 Courses, one in Europe, one in Asia/Pacific and one in South America.

Risk Management courses (L1.3)

<i>Planned activity</i>
Three to four L1.3 courses spread around the world.

Technical needs assessment and follow up missions

<i>Planned activity</i>
Conduct missions as opportunities arise and where relevant as agreed with sponsors. Possible locations: Albania, Slovenia, Democratic Republic of Congo, Guinea, Ghana, Guinea Bissau, Indonesia, Iran, Iraq, Myanmar, Somalia, Yemen, Tanzania, Uganda, Honduras, Peru, Haiti, Dominican Republic, Madagascar, Cameroon, Vietnam, Belize...

Hydrographic commission meetings (awareness raising and lobbying)

<i>Planned activity</i>
Attend some of the hydrographic commission meetings (NOICH, MACHC, MBSHC, EAHC, RSAHC/ROPME, SAIHC, SWPHC).

VTS related activities

<i>Planned activity</i>
Assist when requested with developing and delivering and assessing VTS training worldwide. (possibly Philippines, Thailand, India, Malaysia, ASEAN VTS training, Kingdom of Saudi Arabia).

Other course related activities

<i>Planned activity</i>
Deliver the Procurement course worldwide. Develop and deliver various short courses based on IALA guidelines. Develop and deliver a course on Digitalization (S-200).



Other activities (not exhaustive list)

<i>Planned activity</i>
<ul style="list-style-type: none">• World Aids to Navigation Day event• IMO NCSR, TCC• Korea Maritime Week• Singapore Maritime Week• China Maritime Conference• International Women in Maritime Day• Joint CB Group meeting, Monaco• ATO Seminar(s)• Alumni activities workshop(s)• Lecturing at WMU/IMLI/Jimei University• APHoMSA 2024• IALA French Support Group• IALA Spanish Support Group• Joint IMO, IHO and IALA Caspian Sea Event, perhaps in Azerbaijan• Visit to the Philippine Coast Guard

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