



IALA AND THE WORLD-WIDE ACADEMY

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Scope

- Aims and goals of IALA
- Definitions of an “AtoN” and a “navaid”
- Categories of IALA membership
- Structure of IALA
- IALA Publications
- IALA World-Wide Academy
- Capacity building activity

Reference: www.iala-aism.org



A Brief History of IALA

Technical lighthouse conferences had been convened since **1929**

IALA was formed in **1957** as a technical association based in Paris to support the goals of those earlier conferences

The organisation today, based in St Germain-en-Laye, France, has a **consultative, recommendatory, and technical** nature and is a not-for-profit and non political international technical association with Non-Governmental Organisation status





Aids to Navigation vs Navigational Aids

A marine aid to navigation (**AtoN**) is:

“a device, system or service, external to vessels, designed and operated to enhance safe and efficient navigation of individual vessels and/or vessel traffic”

Not to be confused with a navigational aid (**navaid**) which is:

“an instrument, device or nautical publication (NP) carried on board a vessel for the purpose of assisting navigation”.





The Aims of IALA and its Motto



- Foster the **safe, economic and efficient movement of shipping**
- **Harmonise standards** for Aids to Navigation systems worldwide
- Benefit the **maritime community** and enhance the **protection of the marine environment**

“successful voyages, sustainable planet”



Strategic Vision from and Goals

Goal 1

Ensure that aids to navigation systems and related services, including e-Navigation, Vessel Traffic Services, and emerging technologies, **are harmonised through international cooperation and the provision of standards.**

Goal 2

All coastal states have contributed to an **efficient global network** of aids to navigation and services for the safety of navigation, **through capacity building and the sharing of expertise.**





Four Types of Membership

National Members

National Authorities or Organisations responsible for Marine Aids to Navigation provision

Associate Members

Other organisations concerned with aids to navigation or related matters, including ports, scientific and research bodies

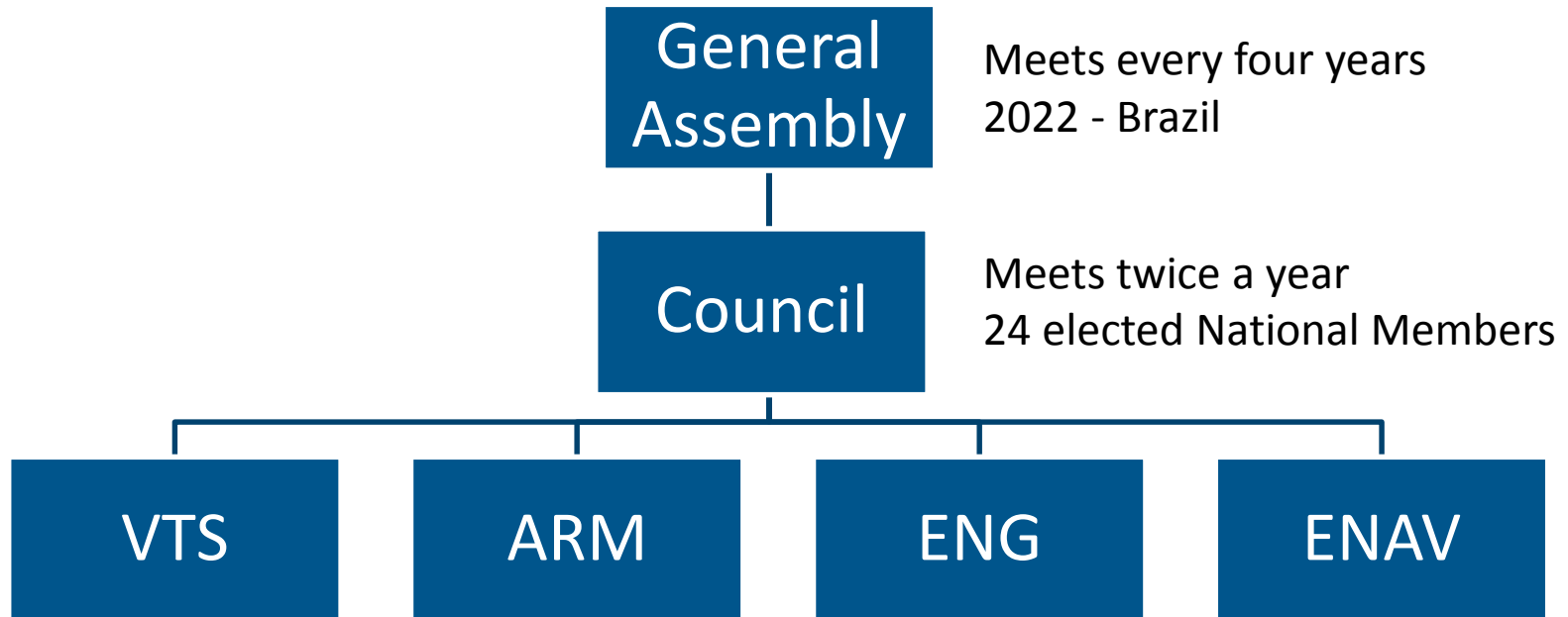
Industrial Members

Manufacturers and distributors of marine aids to navigation equipment for sale and organisations providing marine aids to navigation services or technical advice





IALA – Structure

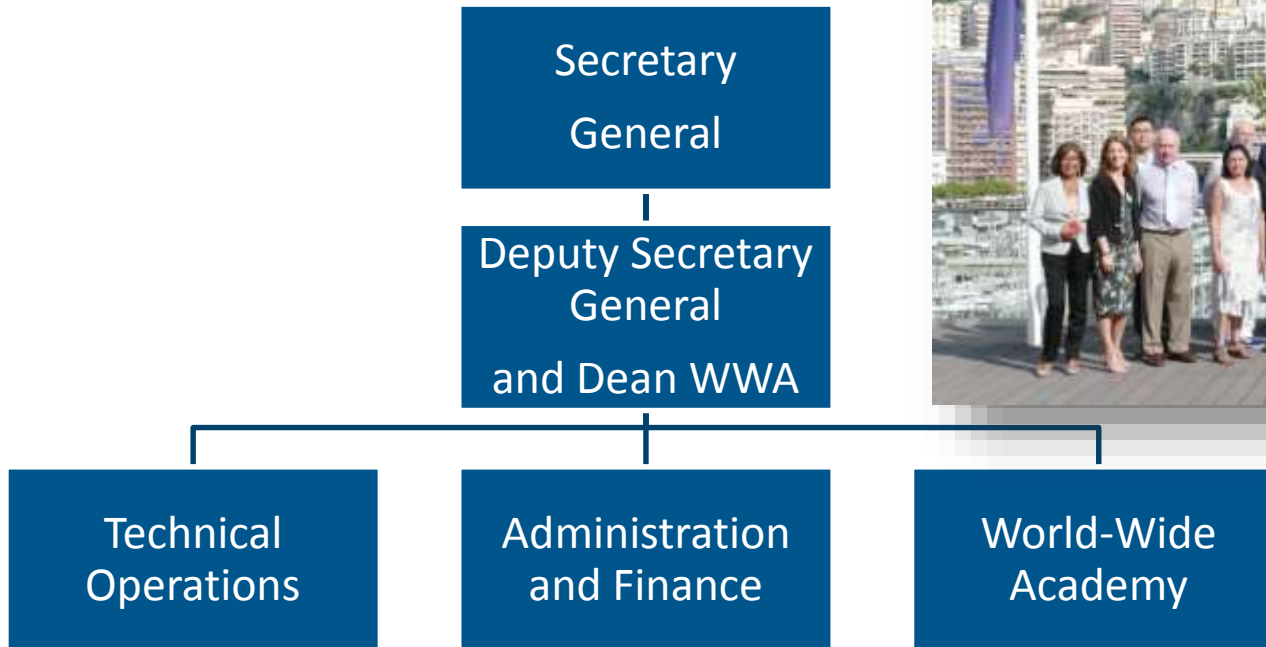


Technical Committees – meet twice a year, open to all members
The powerhouse of IALA



IALA – Secretariat

IALA has a permanent Secretariat based at the Headquarters in France



Technical Operations, the World-Wide Academy and Administration and Finance are the three pillars of IALA



IALA – Documentation structure

Standards

An IALA Standard is a part of a framework, the implementation of which by all coastal states will harmonise Marine Aids to Navigation worldwide. IALA Standards contain references to ‘Normative’ Recommendations which shall be observed if compliance with the Standard is claimed.

Recommendations

provide direction to IALA members on uniform procedures and processes that will facilitate IALA objectives. They contain information on how members should plan, operate and manage Aids to Navigation.





IALA – Documentation structure

Guidelines

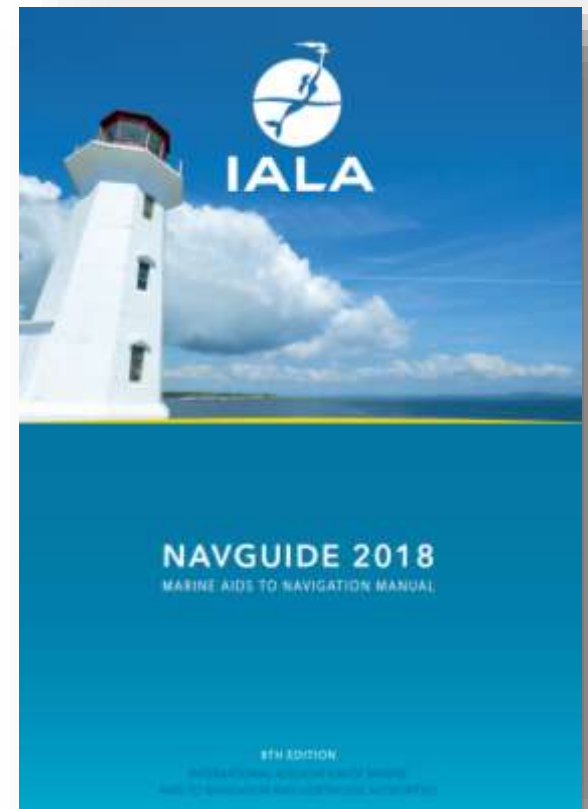
Provide detailed, in depth information on an aspect of a specific subject, indicating options, best practices and suggestions for implementation.

Model Courses

There are three categories of model course for VTS personnel; Aids to Navigation Managers and Aids to Navigation Technicians.

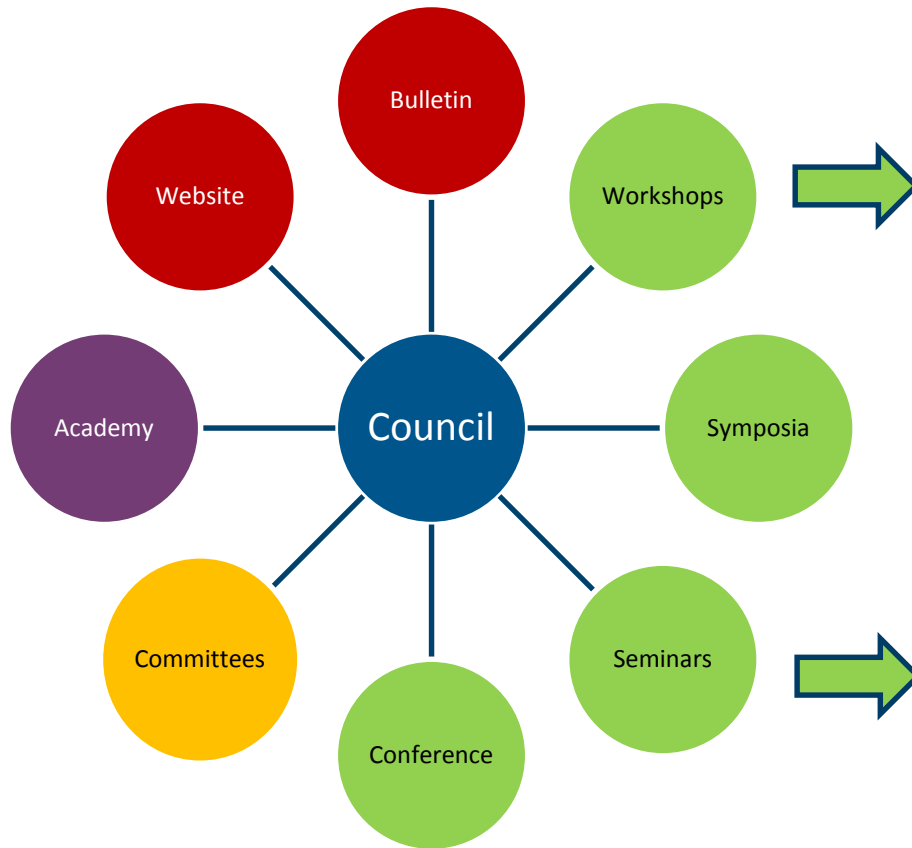
Manuals

These documents give a detailed overview of a specific topic and consist of the NAVGUIDE and the VTS Manual.





The IALA Toolbox



Workshops consist of technical experts in a specific subject to further the work of IALA

Seminars are a meeting of specialists for the purpose of consultations

The Conference and VTS/eNavigation Symposium are held every four years



IALA Website www.iala-aism.org



Select Guidance Documents
to download publications





The IALA World-Wide Academy

The IALA World Wide Academy (WWA) is an integral, but independently funded part of IALA. It commenced operations in January 2012.

The WWA is the vehicle by which IALA delivers education, training and capacity building. It is there to promote the work of the IALA Committees.

The WWA is dedicated to assist National Authorities in sustainable development and improvement in the provision of Marine Aids to Navigation, including VTS.

It enables National Authorities to meet their obligations under the UNCLOS and SOLAS Conventions.



States in Need 2018



	Continental Regions					
Degree of Need	Africa	Europe	Asia	Pacific	Americas	Total
Some need (priority 3)	6	1	3	1	4	15
Greater need (priority 2)	7	1	3	2	7	20
Greatest Need (priority 1)	15	2	7	0	3	27

If a State is on the list, it has yet to demonstrate its capability in terms of the **quality of maritime management** to meet its obligations under SOLAS Chapter V so that Maritime Safety Information and AtoN services are delivered to full international standards.



IALA World-Wide Academy Capacity Building



The WWA Capacity Building Strategy is based on a two-stage process. Full details can be found in the Master Plan.

WWA-funded Technical Needs Assessment Missions are conducted at request of Competent Authorities. The Competent Authority then analyses the recommendations from these missions and produces a prioritised action list with realistic target dates for implementation or completion.

Subsequently, the Competent Authority invites IALA to review the agreed action list with the aim of removing the State from its target list.





The Academy and Training

Aids to Navigation courses L1 and L2 series:

- L1.1 – Level 1 Marine Aids to Navigation Manager
- L1.2 – Master of Marine Aids to Navigation Management
- L1.3 – Use of the IALA Risk Management Tools
- L1.4 – GNSS and E-Navigation
- L1.5 – Historic Lighthouse Projects
- L2.0 – Level 2 Technicians

VTS courses – V-103 series

- V-103/1 – VTS Operator
- V-103/2 – VTS Supervisor
- V-103/3 – VTS On-the-Job Training
- V-103/4 – VTS On-the-Job Training Instructor
- V-103/5 – Revalidation process for VTS Certification and Qualification





The Future

From a Non-Governmental Organization to an Intergovernmental Organization



IALA's cooperation with other international organizations

Particular status or Memorandum of Understanding (MoU)

Consultative Status



The logo of the International Maritime Organization (IMO) is centered in this box. It features a blue globe with a compass rose, flanked by two crossed anchors, all enclosed within a laurel wreath. Below the emblem, the letters "IMO" are written in a bold, blue, sans-serif font.

MoU



This section displays a collection of logos for organizations that have a Memorandum of Understanding (MoU) with IALA. The logos are arranged in two rows. The top row includes the Monaco coat of arms (a yellow anchor with a red and green shield), the PIANC logo (a circular emblem with a ship and the text "PIANC · A.D. 1905 · AIPCN · NAVIGARE NECESSÉ"), the CIRM logo (the letters "CIRM" in a bold, dark blue font with a green circle behind the "I"), the INPA logo (a blue and red flag with the letters "INPA" in white), and The Nautical Institute logo (a blue globe with a compass rose and the text "The Nautical Institute"). The bottom row includes the IHMA logo (a yellow and blue emblem with a globe and the text "INTERNATIONAL HARBOUR MASTERS ASSOCIATION IHMA"), the IMSO logo (the letters "IMSO" in a bold, blue font above a white knot and the text "International Mobile Satellite Organization"), a map of Africa with a ship silhouette, and the Pacific Community logo (a blue triangle with a white sail and the text "Pacific Community / Communauté du Pacifique").



IALA's future as an IGO

A major step in the evolution of IALA

- In May 2014 the IALA General Assembly passed a Resolution supporting the change of from that of a NGO to that of an international intergovernmental organization (IGO) - a major step in the evolution of IALA
- The Government of France has commenced diplomatic activities to inform the Governments of Member States of this proposed evolution
- A Diplomatic Conference will be convened – hopefully by 2018
- IALA's core activities will not be affected



Advantages of IGO Status

- Increased international acceptance of Standards and existing Recommendations and Guidelines due to direct participation by Governments. Harmonization will be enriched.
- Enhanced liaison with IMO and IHO with IALA as an equal partner. Synergies between this trinity of excellence would make more efficient use of the resources available.
- Headquarters agreement with host nation will provide additional financial, operational and human resource capabilities and less bureaucratic hurdles for Members.





SAIHC 16, and the Seminar on Raising Awareness of Hydrography



SAIHC 14 & 15 minutes and action lists

- Continued need for Capacity-Building
- Importance of Marine Spatial Data Infrastructure (MSDI).
- Resolution of universal problems such as climate change
- Activities on S-100
- Simpler strategic plan, perhaps along the lines of the one adopted by IALA, with a small number of overarching strategic goals
- United Nations Sustainable Development Goals related to the blue economy and climate change mitigation measures
- Implementation of United Nation's SDG14 (Conserve and Sustainably Use the Oceans)
- Hydrographic Dictionary
- MSI e-learning course
- Invite coastal States which are preparing for or have undertaken the IMO audit process to consider requesting support to meet items that have been raised within the audit, and also to share best practice.
- Coastal States to be compliant with IMO Statutory Instruments
- Coastal States to improve communication with NAVAREA coordinator
- Coastal States to note the recommendations from the IALA presentation and act on them as applicable
- Celebration of the centenary of the foundation of the IHO

CB Coordinator to include risk discussion in next Seminar.



Important Points

- The definition of a marine AtoN
- IALA's aim and strategic goals
- IALA's membership and Governance
- IALA's Committees and what they produce
- The different categories of IALA documentation and the differences between them: visit the IALA website (www.iala-aism.org)
- The role of the IALA World-Wide Academy
- “States in Need” are those which have yet to demonstrate the quality of their maritime management



QUESTIONS?

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