IALA AND THE WORLD-WIDE ACADEMY

SAIHC 16, Cape Town, South Africa, September 2019
Jacques MANCHARD, IALA Senior Adviser
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

General Assembly
- Meets every four years
  2022 - Brazil

Council
- Meets twice a year
  24 elected National Members

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

Secretary General
Deputy Secretary General and Dean WWA
Technical Operations
Administration and Finance
World-Wide Academy

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

<table>
<thead>
<tr>
<th>Degree of Need</th>
<th>Africa</th>
<th>Europe</th>
<th>Asia</th>
<th>Pacific</th>
<th>Americas</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>Some need (priority 3)</td>
<td>6</td>
<td>1</td>
<td>3</td>
<td>1</td>
<td>4</td>
<td>15</td>
</tr>
<tr>
<td>Greater need (priority 2)</td>
<td>7</td>
<td>1</td>
<td>3</td>
<td>2</td>
<td>7</td>
<td>20</td>
</tr>
<tr>
<td>Greatest Need (priority 1)</td>
<td>15</td>
<td>2</td>
<td>7</td>
<td>0</td>
<td>3</td>
<td>27</td>
</tr>
</tbody>
</table>

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

MoU
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?

Contact: jacques.manchard@iala-aism.org