



**18TH CONFERENCE OF THE EATHC /
18ÈME CONFÉRENCE DE LA CHATO
IALA REPORT/RAPPORT DE L'AISM**

Agenda Item 7.2

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IALA WWA**



CONTENTS

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- The transition From a Non-Governmental Organization to an Intergovernmental Organization
- The World-Wide Academy
 - Overview
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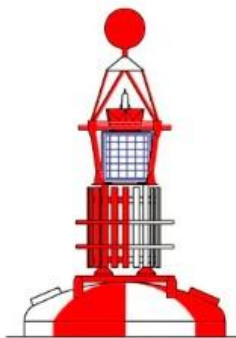
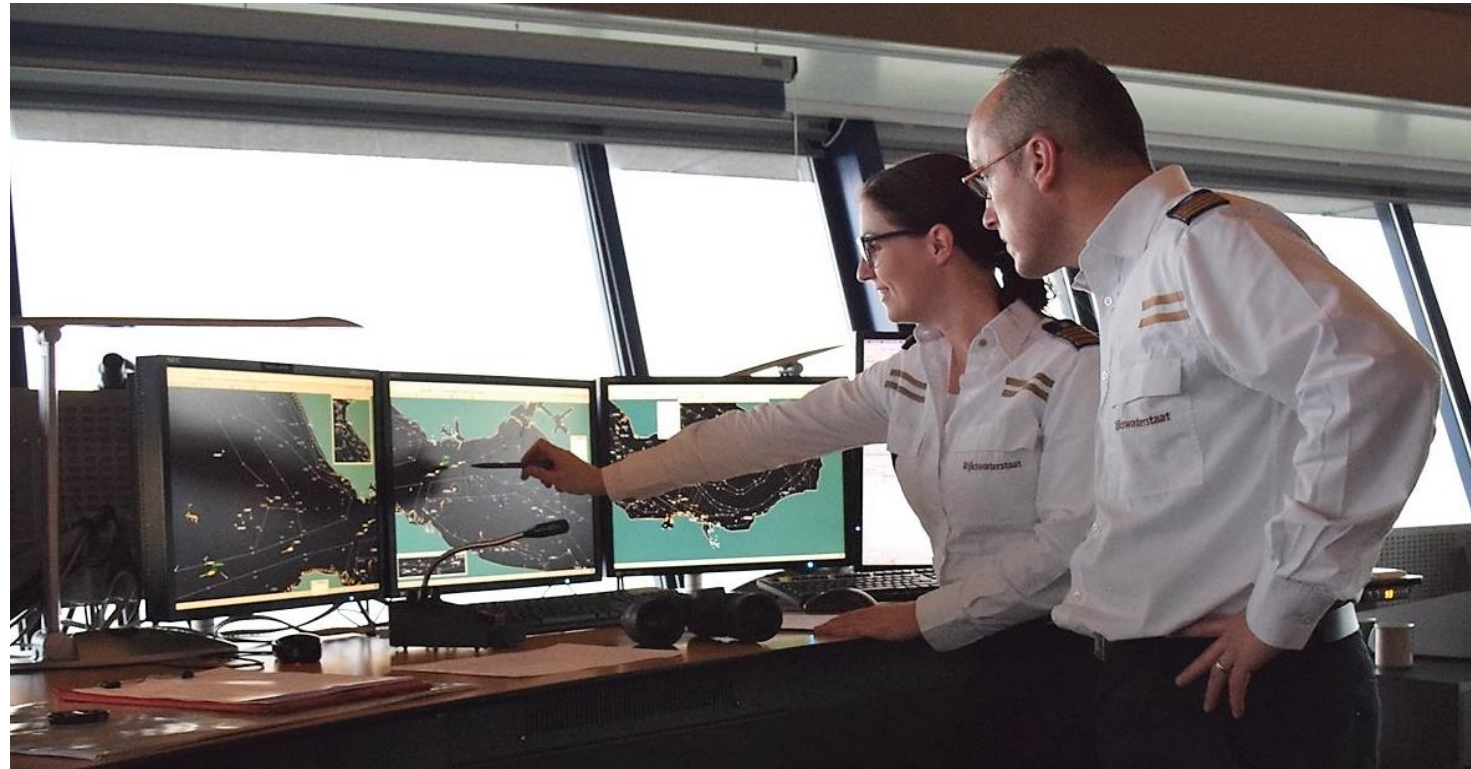


IALA

INTERNATIONAL ASSOCIATION OF MARINE AIDS TO NAVIGATION AND LIGHTHOUSE AUTHORITIES



A marine aid to navigation (AtoN) is “a device or system **external** to a vessel that is designed and operated to enhance the safe and efficient navigation of vessels and/or vessel traffic”.





IALA Strategic Vision and Goals for 2026

Goal 1

Marine Aids to Navigation are **developed** and **harmonized** through international cooperation and the provision of standards.

Goal 2

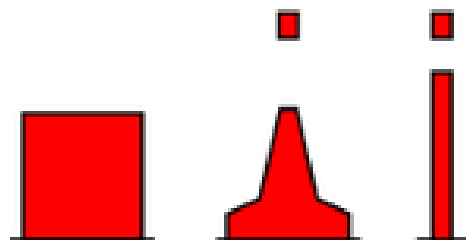
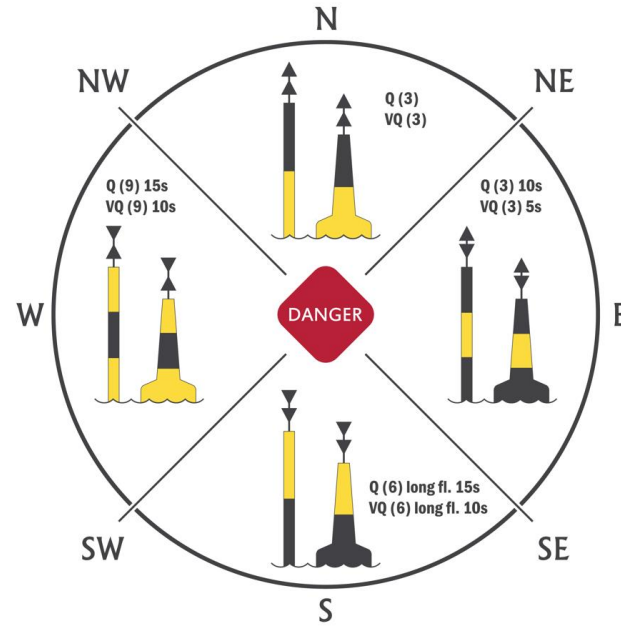
All coastal states have contributed to a sustainable and efficient global network of Marine Aids to Navigation through capacity building and the sharing of expertise.



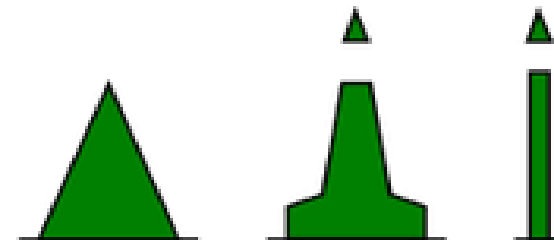


Harmonization of Aids to Navigation Signals

IALA Maritime Buoyage System (MBS)



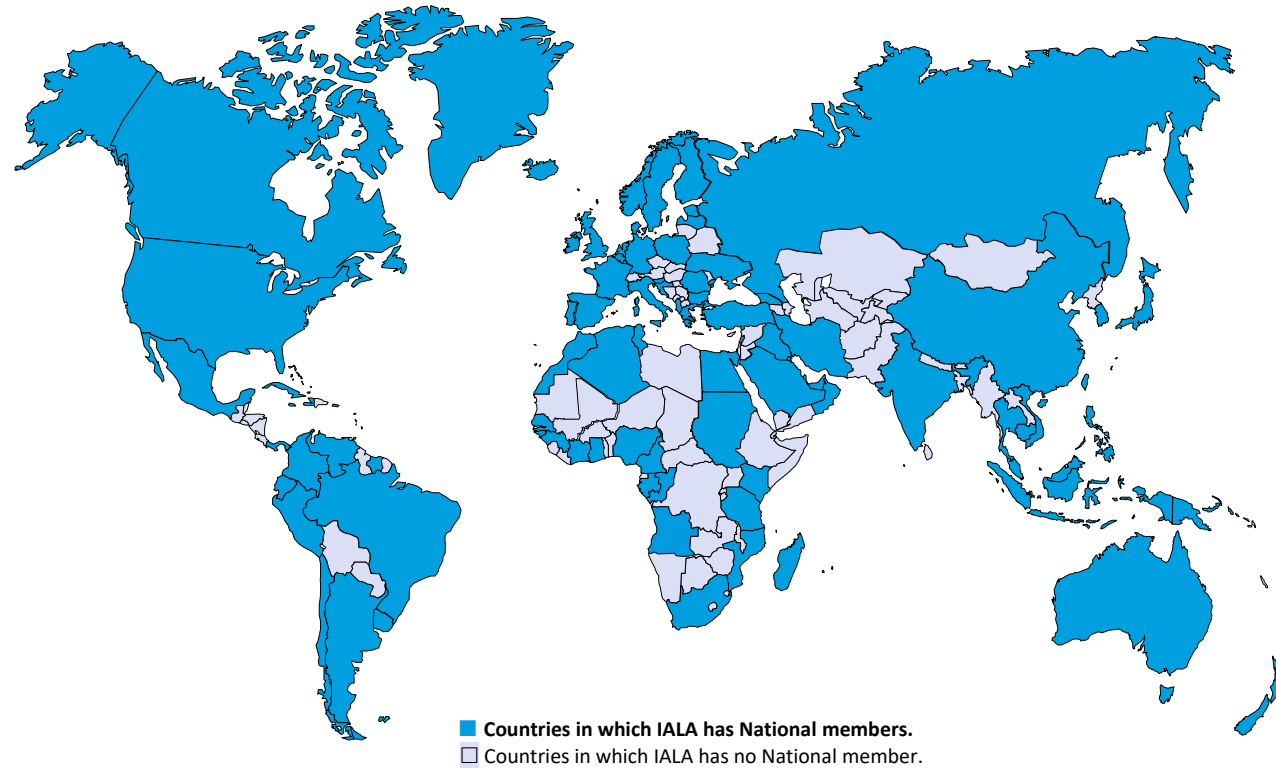
(Port) (Left) (Red)



(Starboard) (Right) (Green)



IALA MEMBERSHIP IN THE WORLD IN APRIL 2024



On 2nd April 2024, IALA counts 346 members in the world, from 99 countries and territories.

95 National members

170 Industrial members

81 Associate members



Governance structure



- General Assembly meets every 4 years
- Council (24 members) meets biannually
- Council Working Groups:
 - Strategy Group
 - Finance and Audit Committee
 - Policy Advisory Panel
 - Legal Advisory Panel



The Committees

The “Power House” of IALA

- AtoN Requirements and Management (ARM)
- Engineering and Sustainability (ENG)
- Vessel Traffic Services (VTS)
- Digital technologies (DTEC)





Publications

Main result of the Committees work

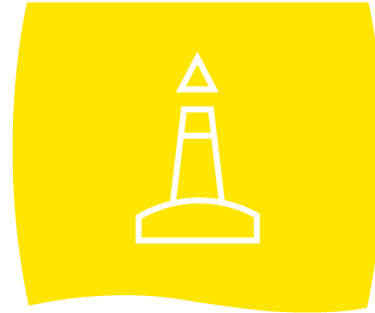
- **Standards** which can be referred to directly in IMO and other Conventions and national maritime laws
- **Recommendations** advise what should be done
- **Guidelines** advise how to implement the recommendations as “best practice”
- **Manuals** (NAVGUIDE; MBS; VTS Manual; IALA Dictionary)
- **Model courses** which provide guidance on the training of VTS personnel; Aids to Navigation Managers and Aids to Navigation Technicians.



IALA Standards – an integrated framework



S1010
ATON PLANNING
AND SERVICE
REQUIREMENT



S1020
ATON DESIGN
AND DELIVERY



S1030
RADIONAVIGATION
SERVICES



S1040
VESSEL TRAFFIC
SERVICES



S1050
TRAINING AND
CERTIFICATION

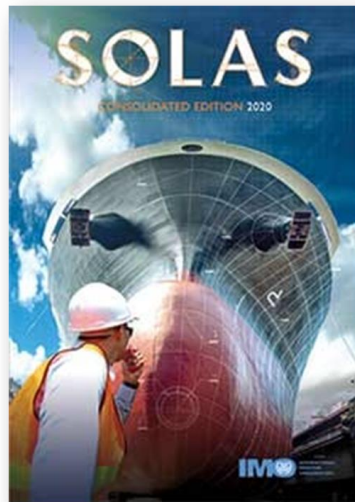


S1060
DIGITAL
COMMUNICATION
TECHNOLOGIES



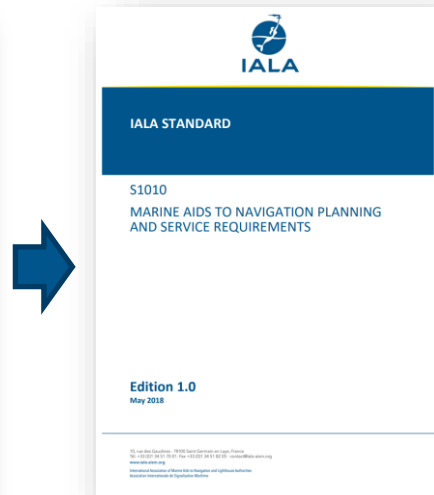
S1070
INFORMATION
SERVICES

Example of hierarchy of AtoN documentation



IMO SOLAS Chapter V, Reg. 13

Requires Aids to Navigation as the degree of risk requires and to utilize international recommendations (including IALA publications)



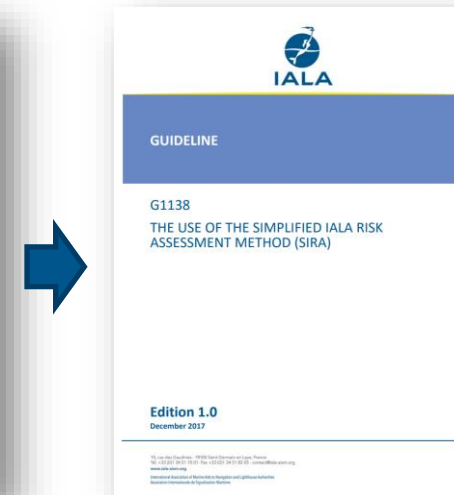
IALA Standard S1010

Identifies the recommendations and guidelines covering Marine Aids to Navigation planning and service requirements (including R1002)



IALA Recommendation R1002

Recommends using the risk management and IALA risk management tools (including G1138)



IALA Guideline G1138

How to use the Simplified IALA Risk Assessment (SIRA) tool



The Future

From a Non-Governmental Organization to an Intergovernmental Organization



Transition to an Inter-Governmental Organization

- Convention was signed by the French Government (depository) on 27th January 2021
- Open for signature for 12 Months
- 51 signatures by now.
- Now 28 States have ratified the IALA Convention
- When 30 States have **ratified** the convention, IALA transforms into an **Inter-Governmental Organization**

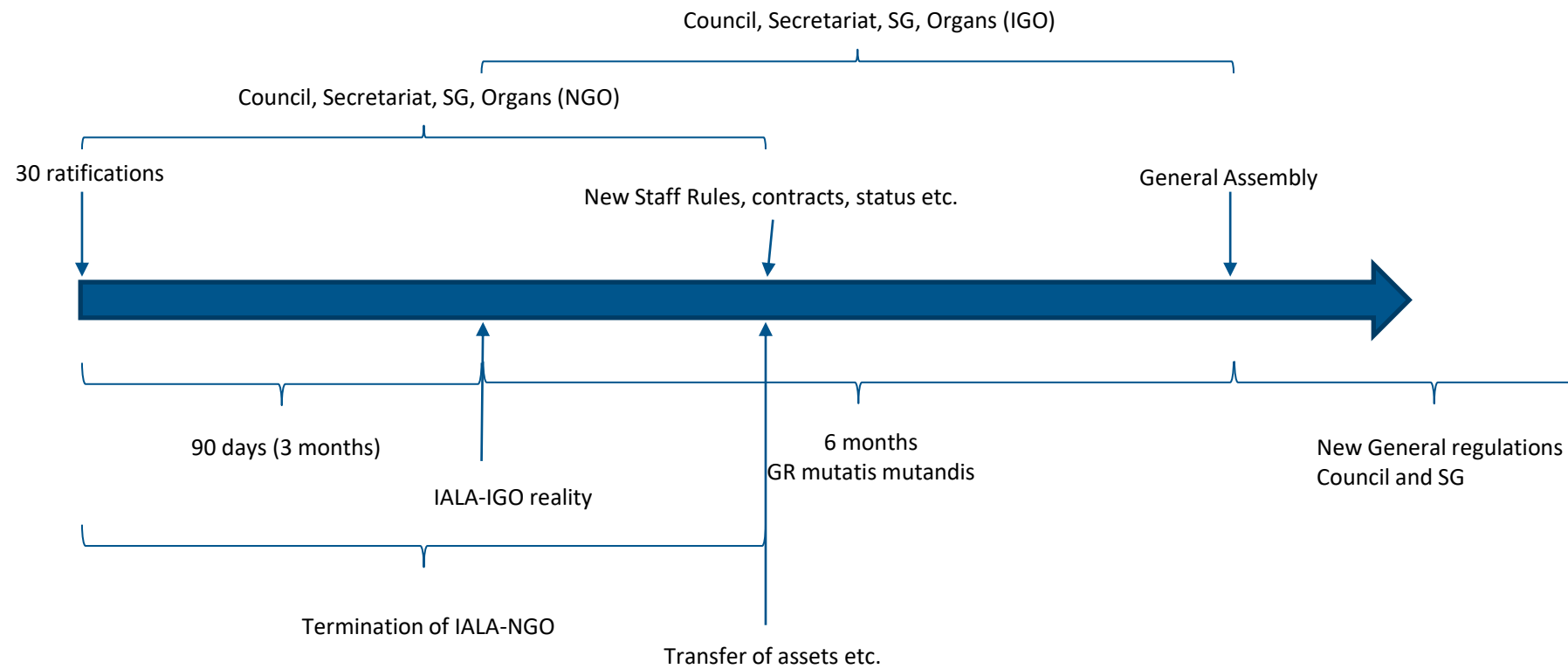


IALA CHANGE OF STATUS





Plan for the transition of IALA from an NGO to an IGO





Conference on the General Regulations and Financial Regulations in Tokyo





The World-Wide Academy

update



The World-Wide Academy

The vehicle by which IALA delivers training and capacity building

- Started in January 2012
- Independently funded
- Focused on Strategic Goal 2
- Facilitates both AtoN and relevant topics in IALA domain
- Develops capacity building all over the world





Staff



Omar Frits Eriksson
Dean
IALA World-Wide Academy



Gerardine Delanoye
Capacity Building & Resources Manager
IALA World-Wide Academy

The IALA secretariate and the Academy consultants:
Jean-Luc, Sarah, Dawn, Roger, Colin, James, Afif, Mahesh, David, Rob



Latifa Oumouzoune
Education & Training Manager
IALA World-Wide Academy



JAIME ALVAREZ
Technical Officer
IALA World-Wide Academy



The Academy – A strategic asset for IALA

Strategic Vision - Goals for 2026:

Goal 1

Marine Aids to Navigation are developed and harmonized through international cooperation and the provision of standards.

Goal 2

All coastal States have contributed to a sustainable and efficient global network of Marine Aids to Navigation through capacity building and the sharing of expertise.





What we do

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

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.



Assisting coastal States worldwide

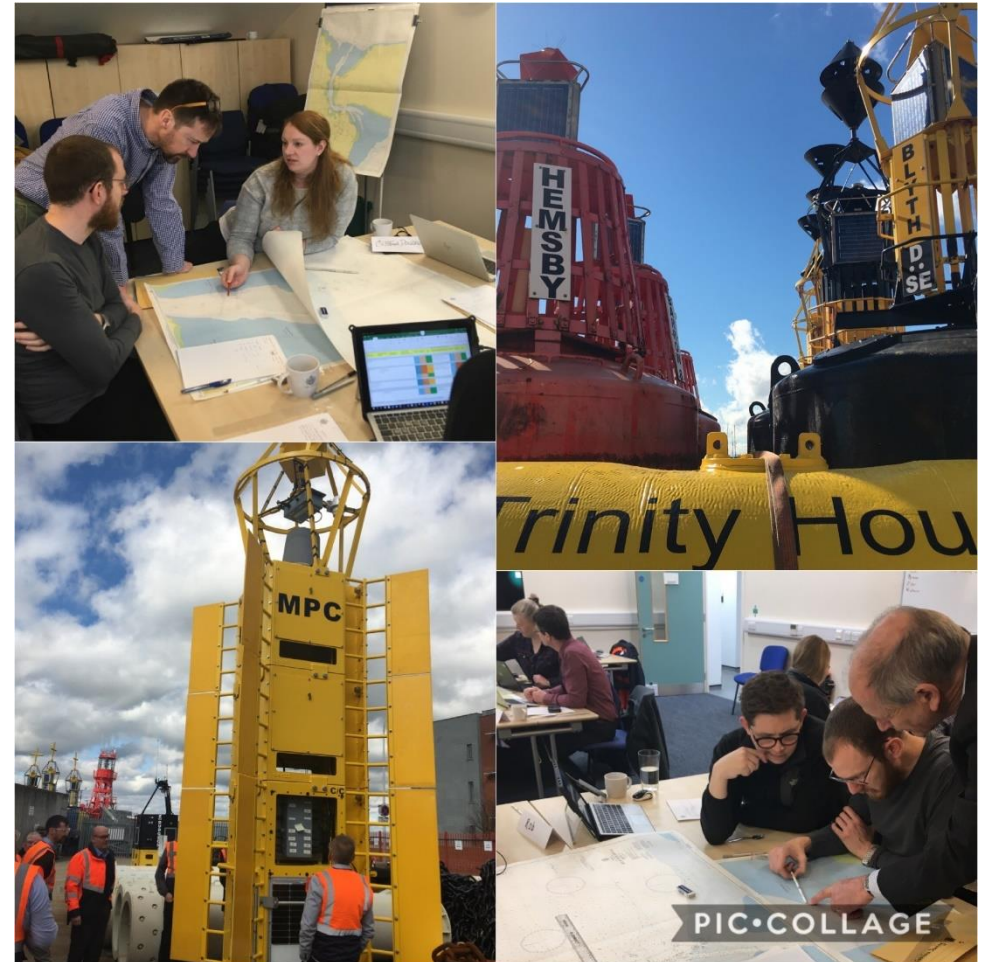


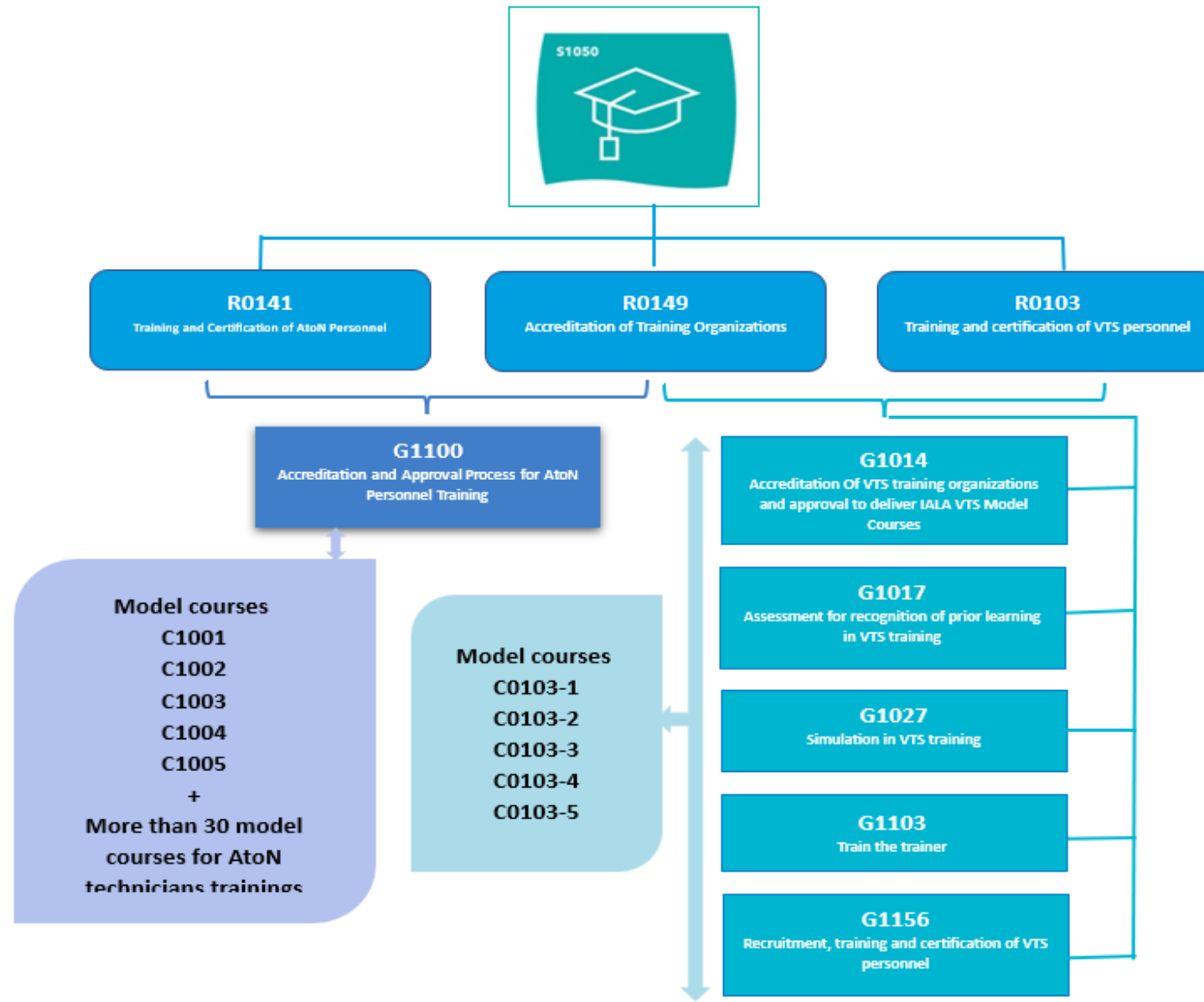
**Risk Assessment,
AtoN planning,
AtoN Operations,
Governance and policy,
Procurement training.**



Education and Training

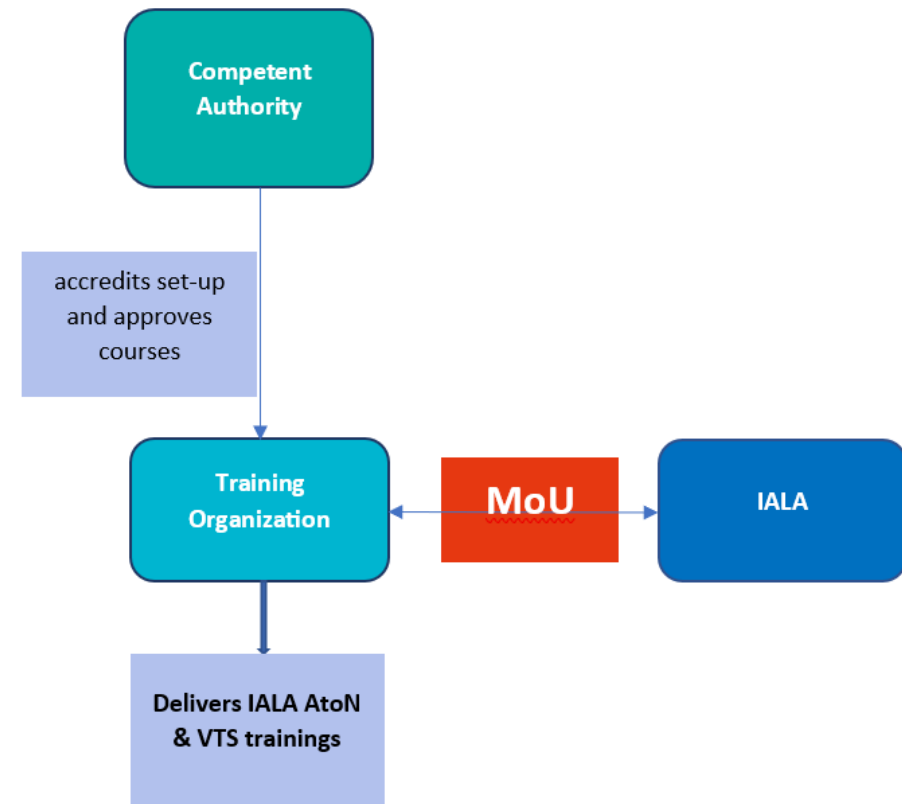
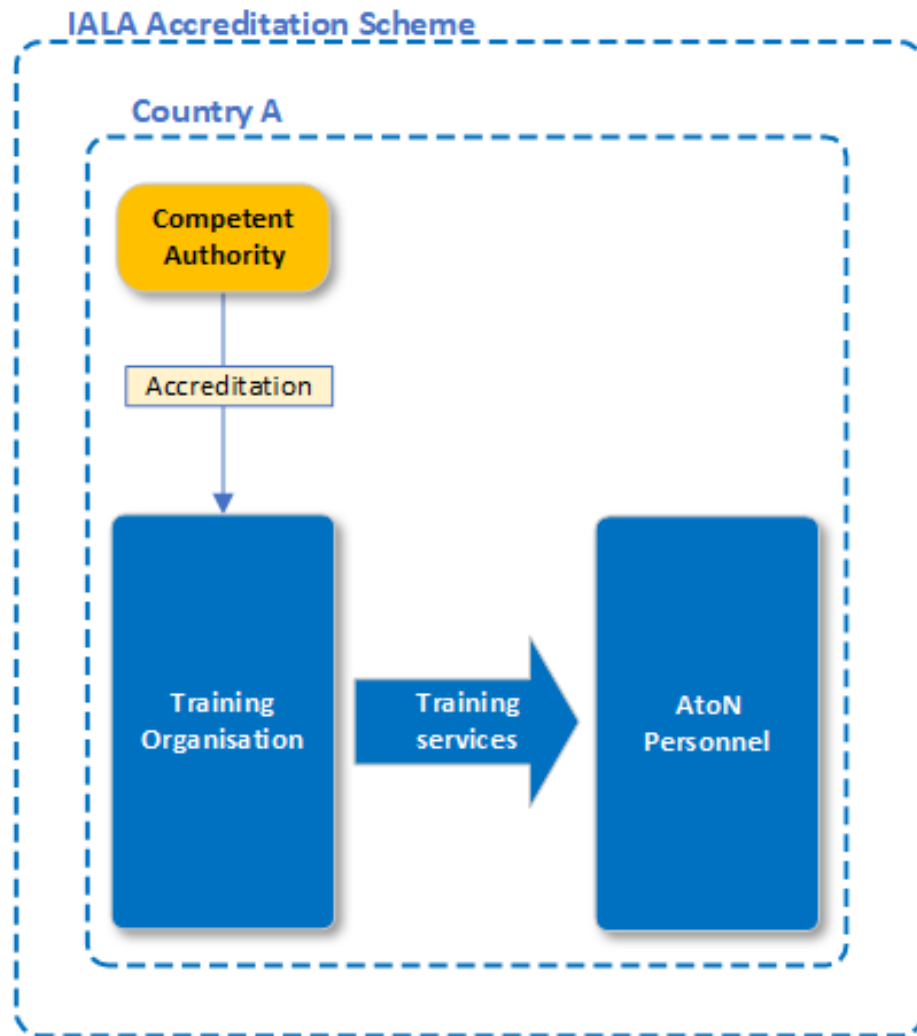
- Identification of training needs in AtoN and VTS domains;
- Contribution to the development of model courses;
- Development of the appropriate materials;
- Monitoring and assisting with the accreditation and certification scheme (R0149, G1100 and G1014)
- Assistance and support for ATOs
- Delivery of AtoN manager course (as needed), Master course, IALA risk management toolbox course
- Alumni database management







Accreditation



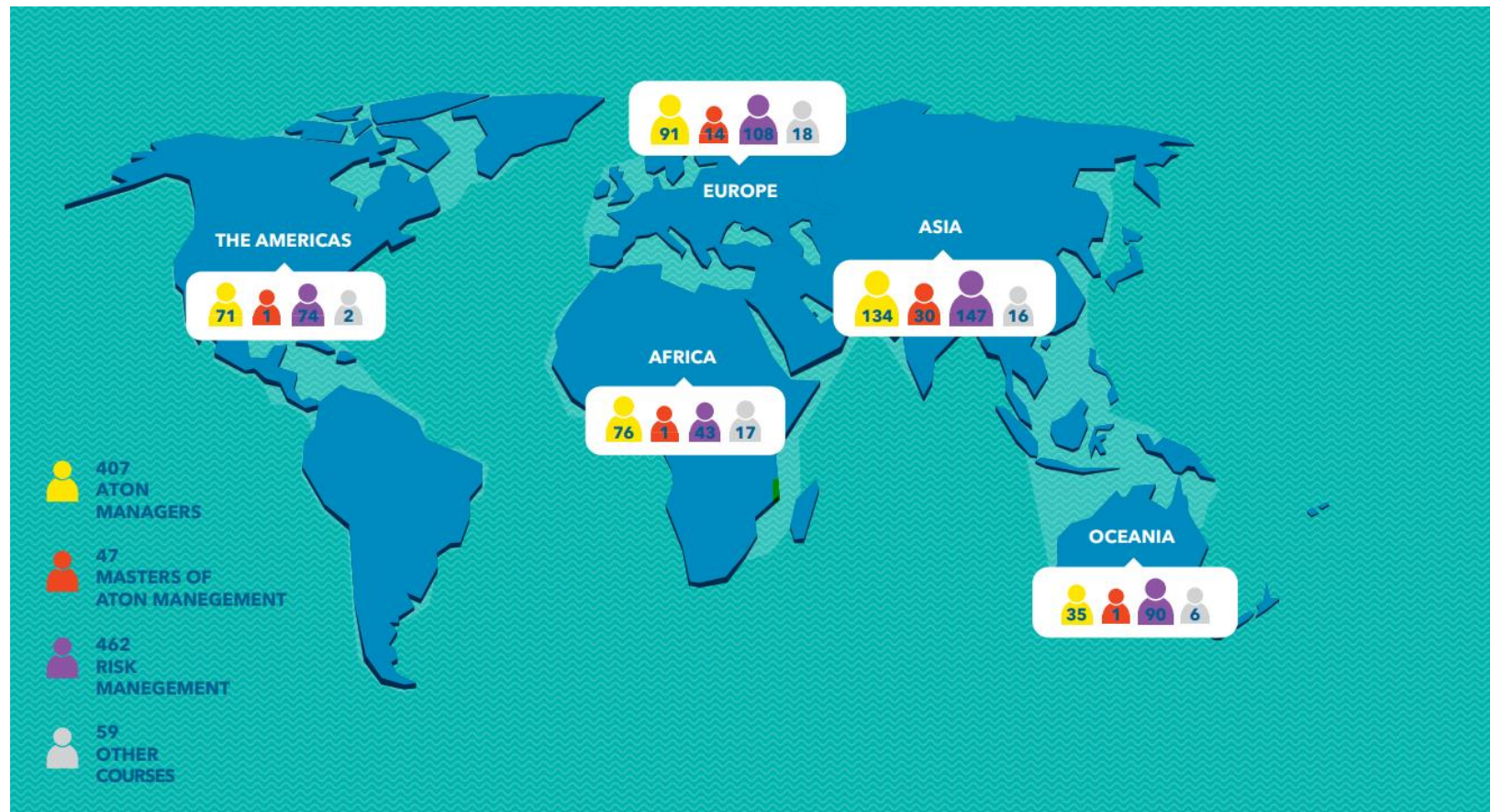


ATOs World-Wide – AtoN training

Continent	AtoN ATO
Europe	05
Africa	02
North America	01
South America	02
Asia	07
Australia	01
Totals	18



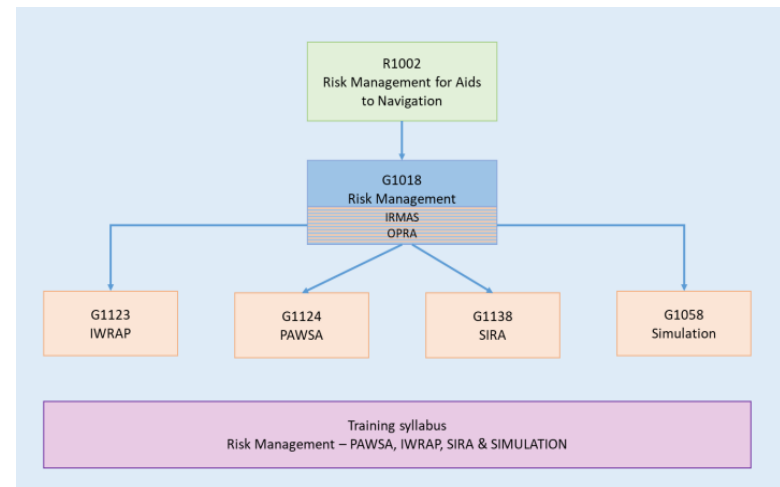
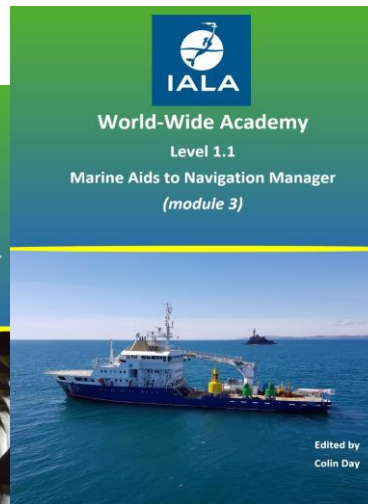
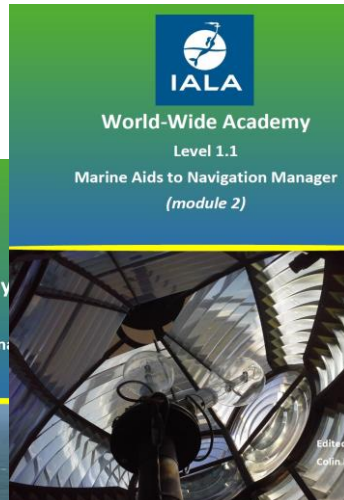
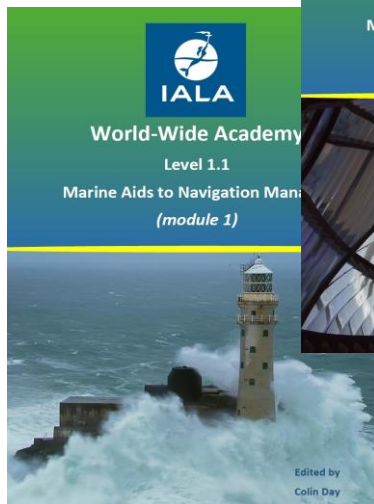
IALA Certified AtoN managers





Level 1: Aids to Navigation Management training

- Level 1.1 – AtoN Manager
- Level 1.2 – Master of AtoN Management
- Level 1.3 – Use of the IALA Risk Management Tools





**China
Sep 2023**



India

**24 Nov
2023**



Colombia

Morocco, 19-23 June 2023



23/04/2024

EAtHC18, 01 to 03 May 2024, Casablanca, Morocco



Level 2: Aids to Navigation Technician training

30 model courses covering a range of topics:

- Power supplies
- Lights and marine lanterns
- Sound signals
- Painting and coatings
- Service craft and buoy tenders
- Radar beacons (racons)
- AIS
- Radionavigation and DGNSS
- Remote monitoring and control
- Structures, materials and maintenance





Vessel Traffic Services training

Five model courses covering a range of topics:

- VTS Operator
- VTS Supervisor
- VTS On-the-Job Training
- VTS On-the-Job Training Instructor
- VTS Revalidation





Other training programmes

- Procurement Course
- Local port services: Introduction to VTS





WWA activity update for countries members (observers at) of EAthC

State	Technical need assessment visit	Follow up visit	AtoN manger Course	Use of IALA Risk Management tools course	SIRA tool course	Awareness events and workshops
Cameroon			√ (9)			
Cape Verde				√ (1)		
Cote d'Ivoire		√	√ (1)		√ (15)	
Gambia			√ (1)			√ (1)
Ghana				√ (1)		
Guinea Bissau	√ (Joint IALA/IHO mission)					
Guinea Conakry						√ (1)
Liberia			√ (2)			√ (1)
Sierra Leone	√ (Joint IALA/IHO mission)		√ (2)	√ (1)		
Togo			√ (1)			
Tunisia			√ (1)	√ (1)		√ (1)



Fully funded by IALA WWA



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





IWRAP Super User Seminar





QUESTIONS?

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