



INTERNATIONAL COMPLIANCE, IALA STANDARDS, WORLD-WIDE ACADEMY

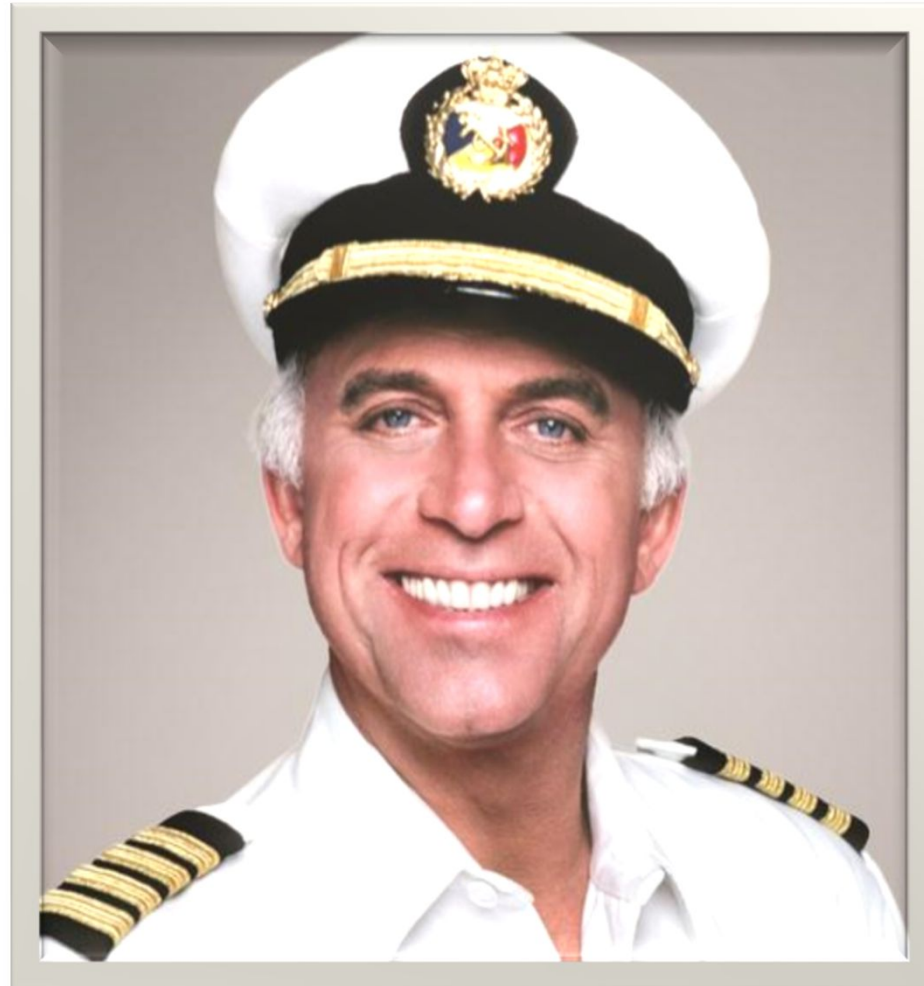
Gerardine DELANOYE

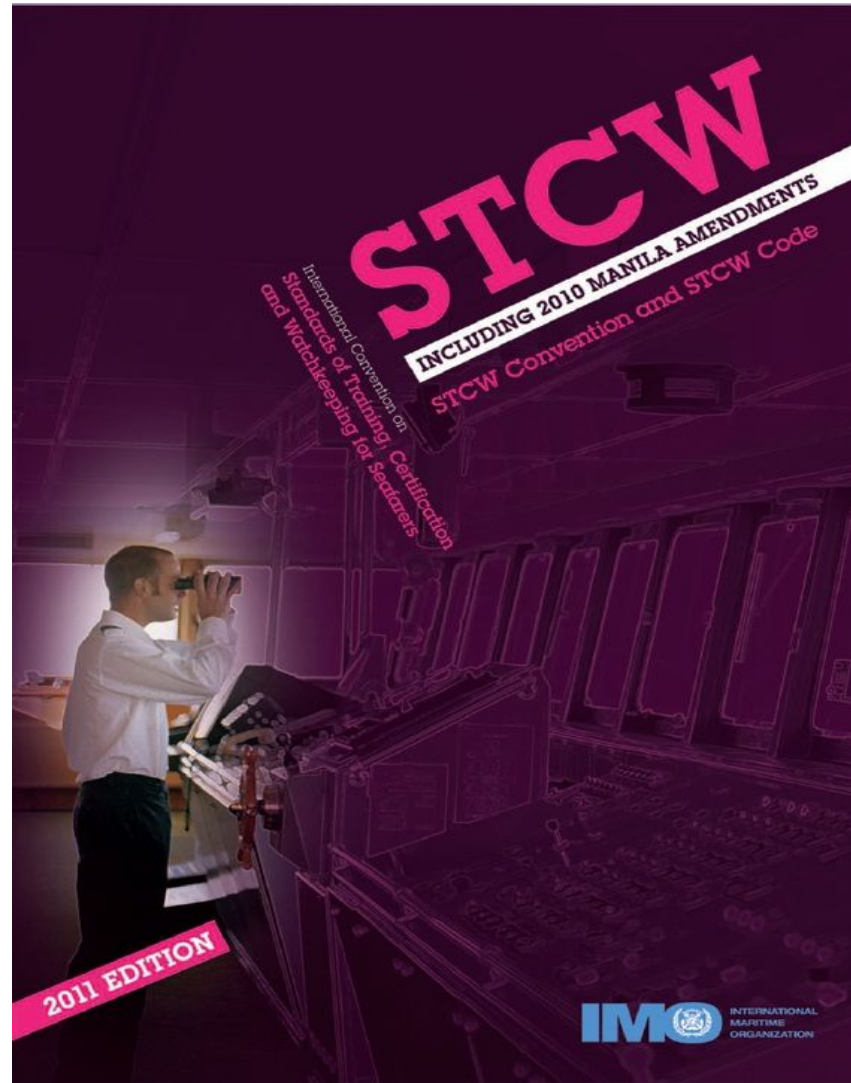
Capacity Building and Resources Manager; IALA World-
Wide Academy



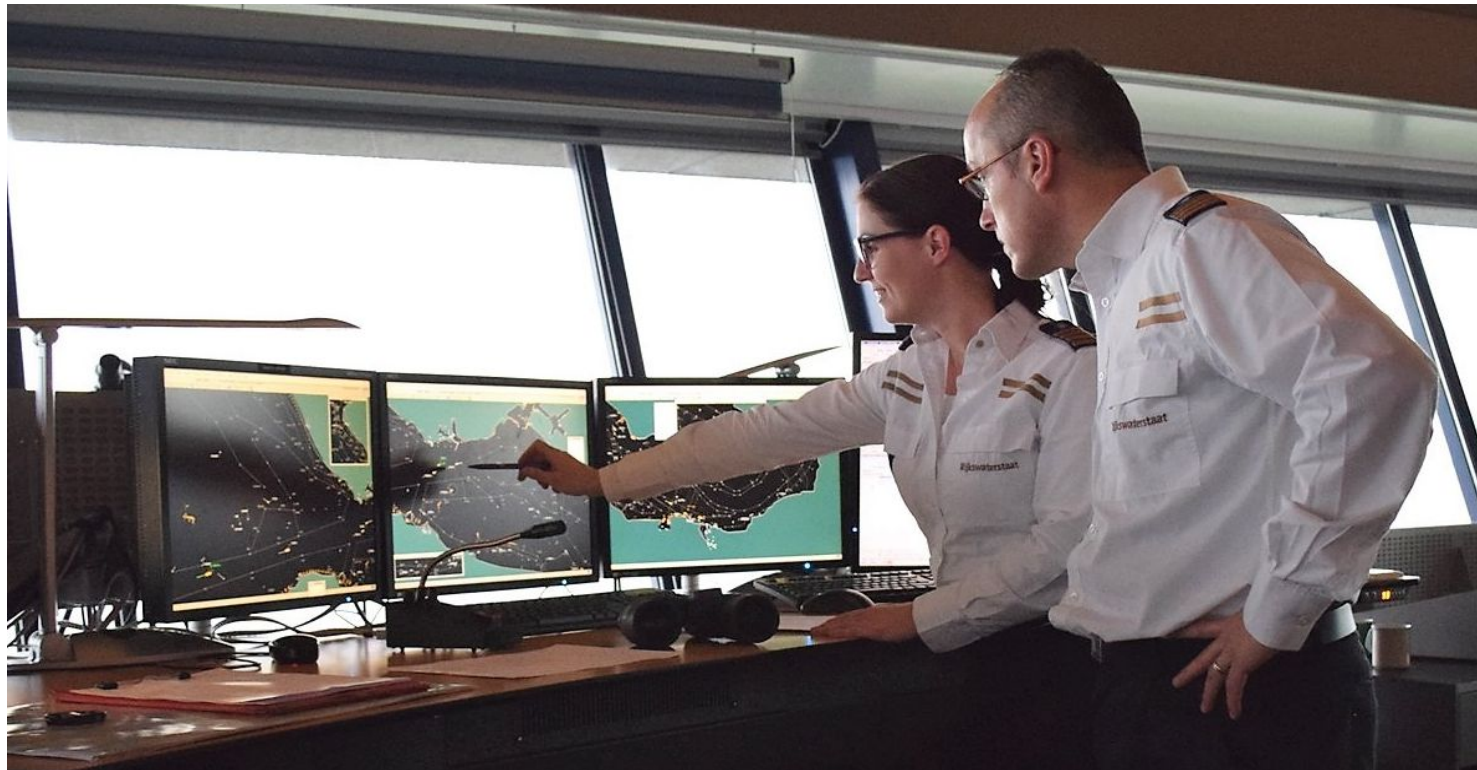
About IALA

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 2014-2026 Goals for *“Successful voyages, sustainable planet.”*



- G1 – Marine Aids to Navigation are developed and harmonised through international cooperation and the provision of standards.
- **G2 - 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.**



Delivering as one



SUSTAINABLE DEVELOPMENT GOALS





Joint CB Coordination Meeting, IMPA HQ





SOLAS Chapter 5, Regulation 12 -13

Vessel Traffic Services and Aids to Navigation Services



Key SOLAS V Regulations

4 – Navigational Warnings: WWNWS

9 – Hydrographic Services

10 – Ships Routeing

11 – Ships Reporting Systems

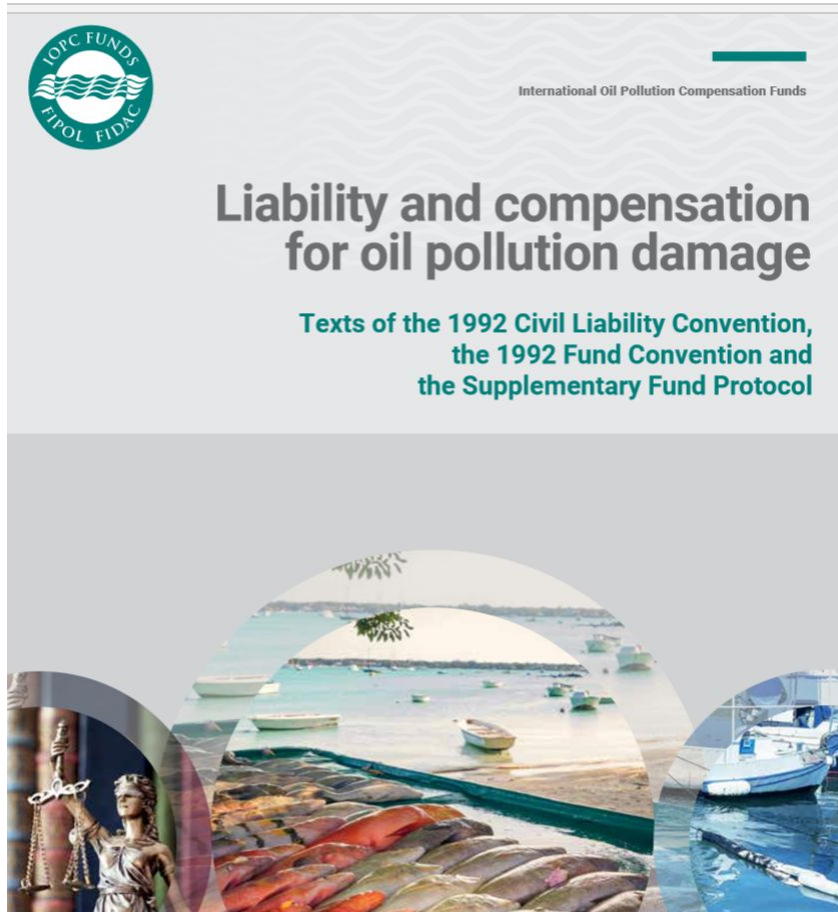
12 – Vessel Traffic Services

13 – Aids to Navigation Services

19-2.4 – AIS



Civil Liability Convention



allows a ship owner to be exempt from pollution damage where the damage *“was wholly caused by the negligence or other wrongful act of **any Government or other authority responsible for the maintenance of lights or other navigational aids in the exercise of this function”***.



IMO Nairobi Wreck Convention

“legal basis for States to remove, or have removed, shipwrecks that may have the potential to affect adversely the safety of lives, goods and property at sea, as well as the marine environment.”

“liability of the owner for the costs of locating, **marking** and removing ships and wrecks “

The Nairobi International Convention on the Removal of Wrecks,
2007



SOLAS V Regulation 13

Chapter V Regulation 13.1 requires a Contracting Government to provide “as it deems practical and necessary” by itself or with other Governments “such AtoN as the **volume of traffic justifies** and the **degree of risk requires**”

IALA Risk Management Toolbox endorsed by IMO in SN.1/Circ.296

Ch V Reg 13.2: AtoN should conform to international standards
(**IALA recommendations and guidelines**)

Ch V Reg 13.3 **information** about AtoN must be **given to all concerned** (mariners; stakeholders etc.)



Responsibility for AtoN

The Competent Authority (CA) provides or formally delegates the provision of its AtoN service to States; Territories; local government; ports, harbours and waterways; military organisations or private groups

The geographical area of each must be defined

Responsibility for the AtoN service **remains** with the Government **not** with the service provider

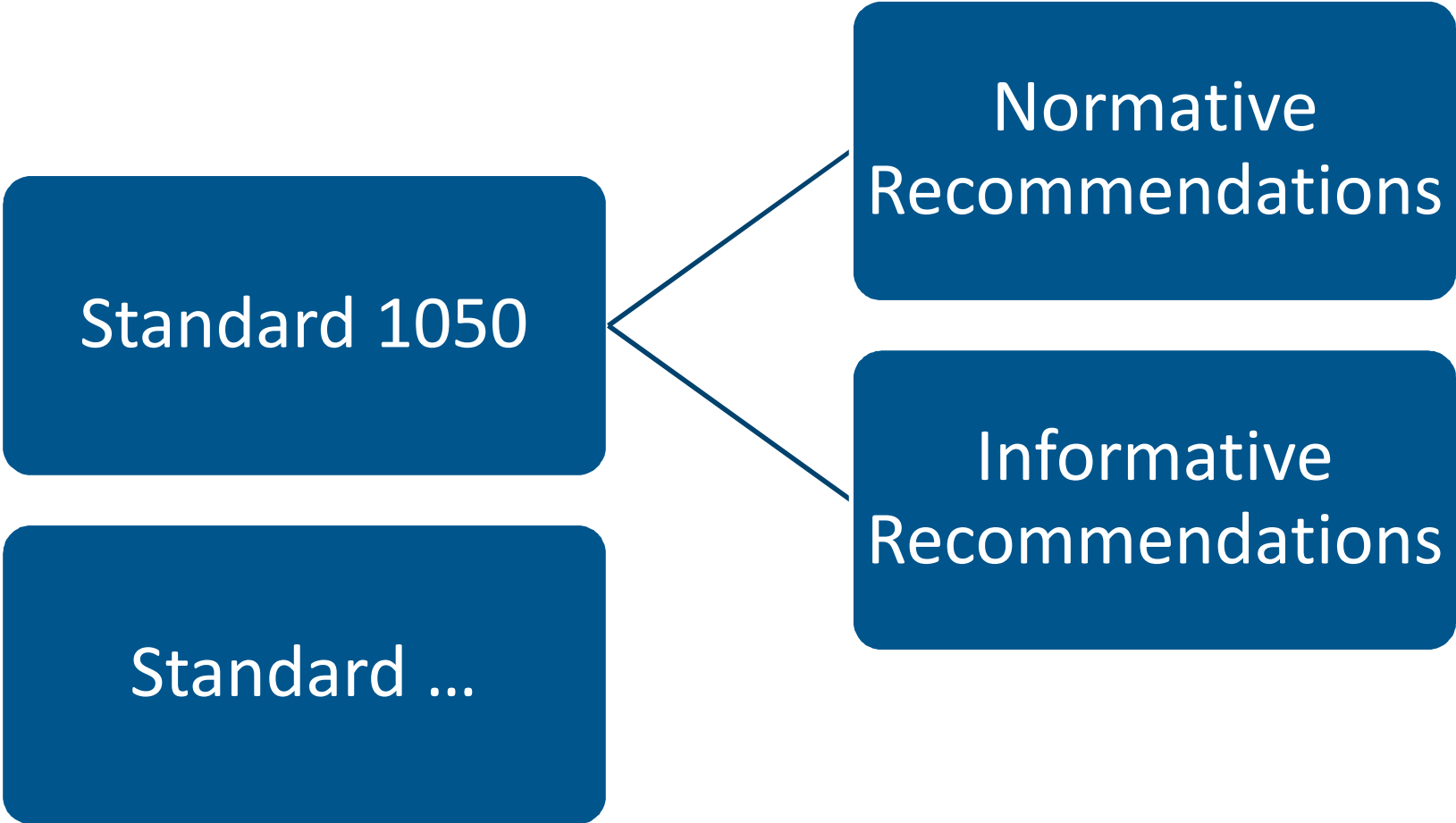
Ensure that **national maritime law** specifies which Ministry is the CA and that the CA has the right to audit all AtoN service providers



IALA Document Structure

Standards; Recommendations; Guidelines; Manuals; Model Courses





Not all Standards may apply to your country, for example S1020 Vessel Traffic Services

Standards



IALA Standards may contain normative and informative provisions.

Normative provisions are those with which it is necessary to conform in order **to claim compliance** to the Standard.

Informative provisions are those which specify additional desirable practices but with which it is not necessary to conform in order to claim compliance to the Standard.



IALA Standards – an integrated framework



S1010
ATON PLANNING
AND SERVICE
REQUIREMENT



S1020
ATON DESIGN
AND DELIVERY



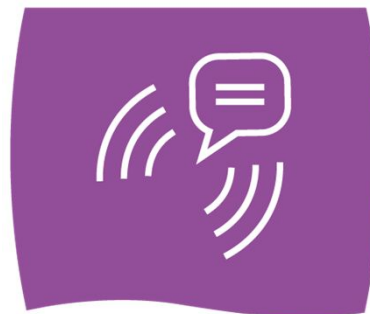
S1030
RADIONAVIGATION
SERVICES



S1040
VESSEL TRAFFIC
SERVICES



S1050
TRAINING AND
CERTIFICATION



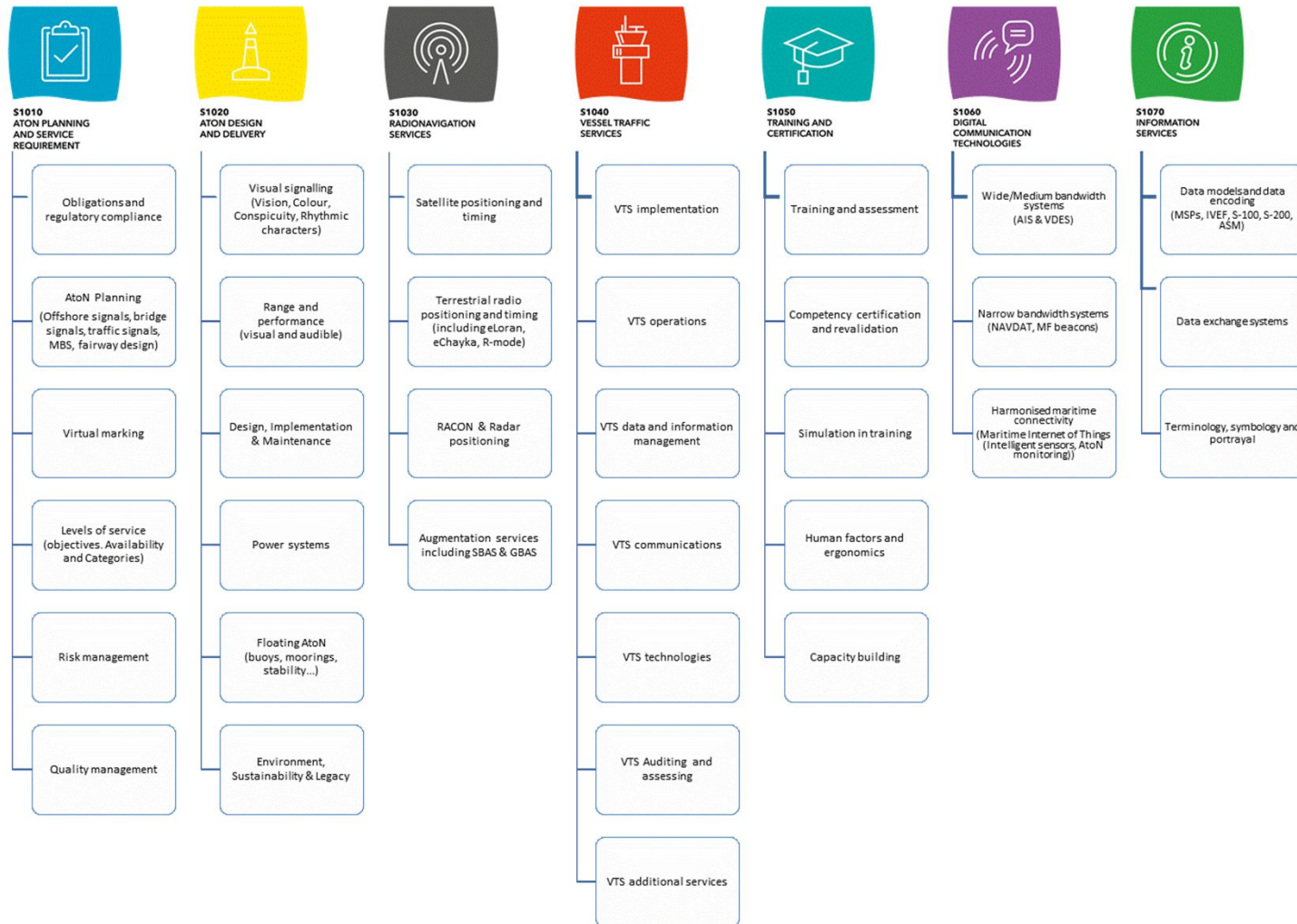
S1060
DIGITAL
COMMUNICATION
TECHNOLOGIES



S1070
INFORMATION
SERVICES



IALA Standards





The World-Wide Academy

Training and capacity building



The World- Wide Academy Team



Omar Frits Eriksson:
Dep Sec-Gen IALA,
Dean WWA,
Strategy
High Level
Meetings



Gerardine Delanoye:
Capacity Building &
Resource Manager
Focus on **America's
and Africa**



Kevin Gregory:
Education and
Development
Manager,
Focus on **Asia**



Jacques
Manchard:
Senior Advisor,
Capacity Building,
Focus on **Africa**



What do we do?

- **Education and Training**
 - Oversee IALA Training Accreditation scheme
 - Support Accredited Training Organisations
 - Deliver training on AtoN and Risk Management
- **Capacity Building**
 - High Level Missions, raising awareness
 - Technical Missions and Reviews to Coastal States in need
 - Long-term partnership and follow up activities with Coastal States
- **Research & Development**
 - Determine knowledge gaps and need for R&D
 - Promote R&D
 - Harvest R&D results and feed this into IALA Committees



Capacity Building



Capacity Building is the development and **strengthening of human and institutional resources**. AtoN Competent Authorities in developing countries are obliged to deliver AtoN services, but sometime lack the capacity to do so. The Academy actively facilitates that process through technical missions and training events.



Event	Date	Location	Actions
Level 1 AtoN Manager Course via Distance Learning	01 January 2019 - 31 December 2019		Book now
Level 1 AtoN Manager Course	25 March 2019 - 19 April 2019	Malaysia	Book now
Master of AtoN Management Course	13 May 2019 - 17 May 2019	IALA Headquarters	Book now
Seminar on the Use of the IALA Risk Management Toolbox	20 May 2019 - 24 May 2019	IALA Headquarters	Book now
Level 1 AtoN Manager Course	22 July 2019 - 16 August 2019	South Africa	Book now
Level 1 AtoN Manager Course	26 August 2019 - 20 September 2019	China	Book now
Master of AtoN Management Course	16 September 2019 - 20 September 2019	China	Book now
Level 1 AtoN Manager Course	04 November 2019 - 29 November 2019	India	Book now

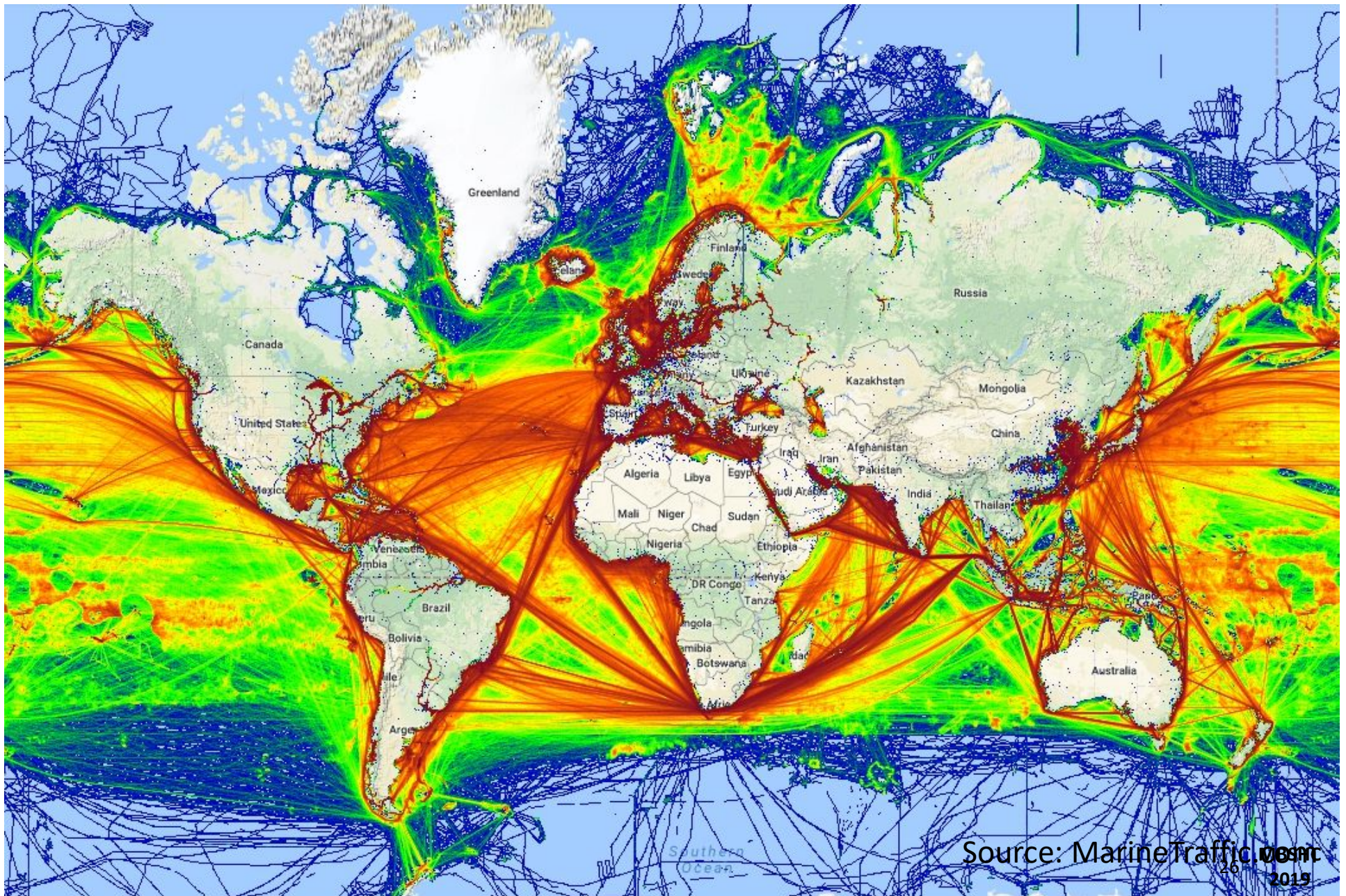




IALA WWA Coastal States in need

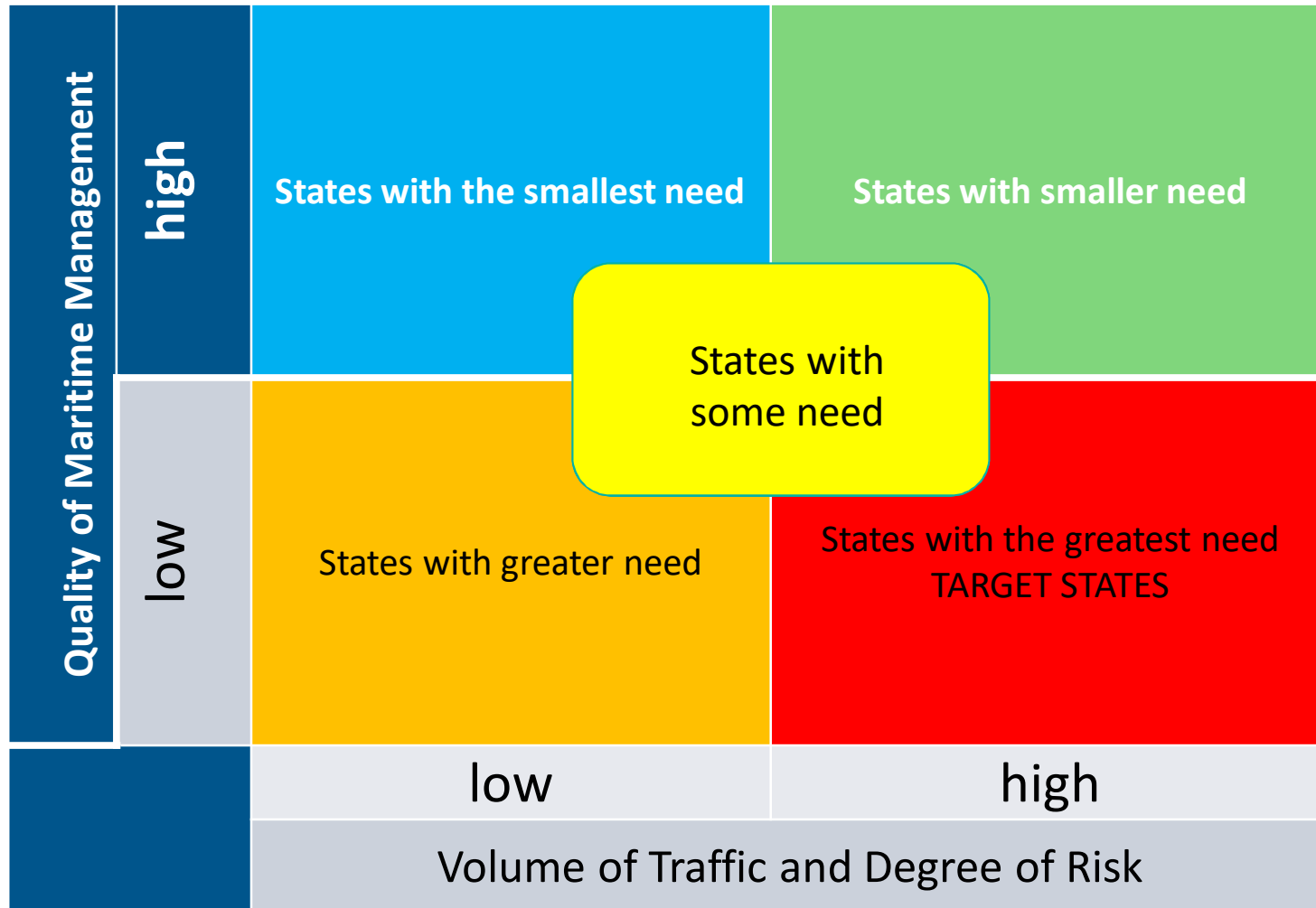
The analyses of all coastal states

There are some challenges out there...



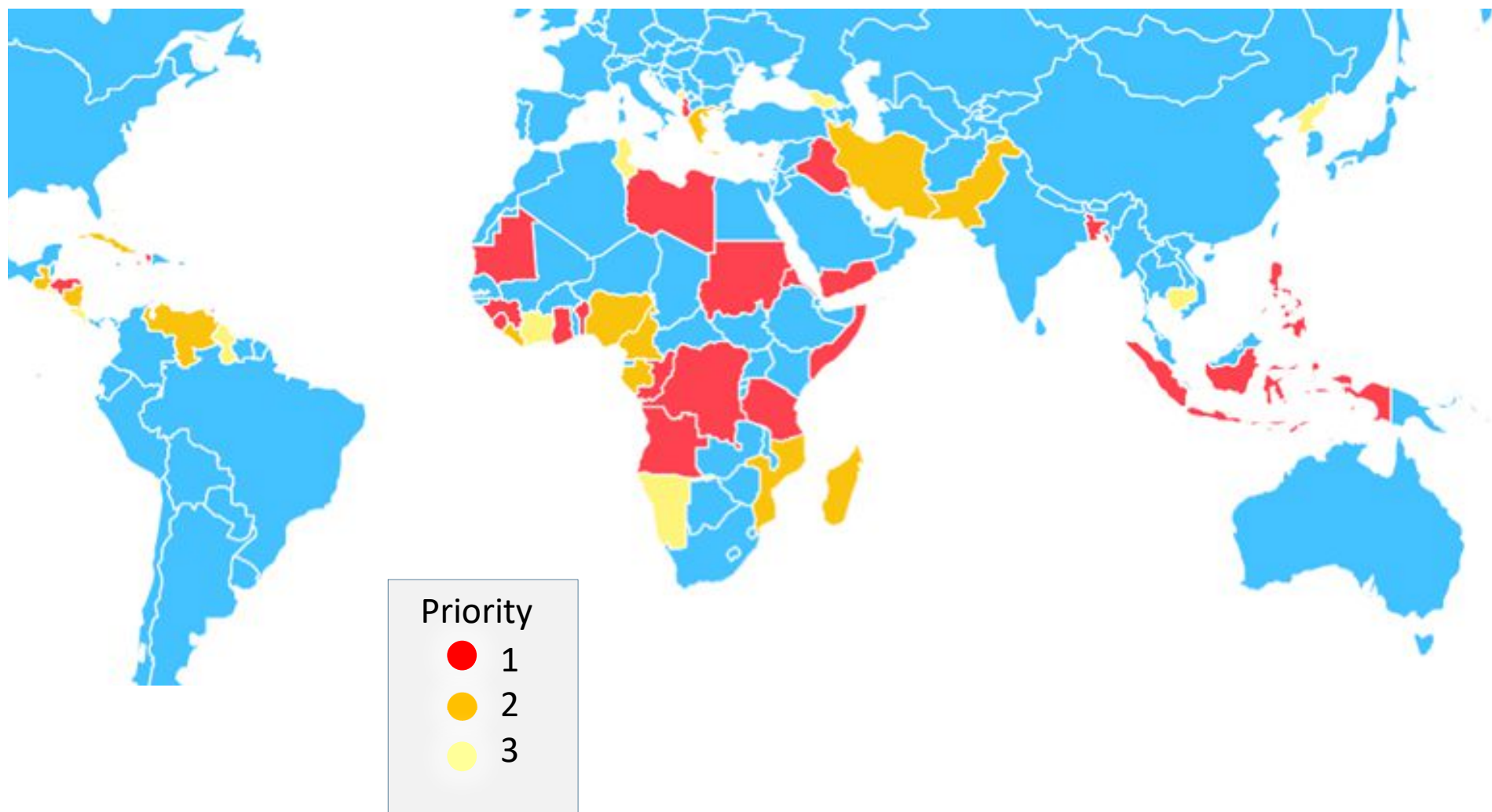


Assessment of Need of all 155 Coastal States





Those in need (still)





MBSCH region





What has been achieved?





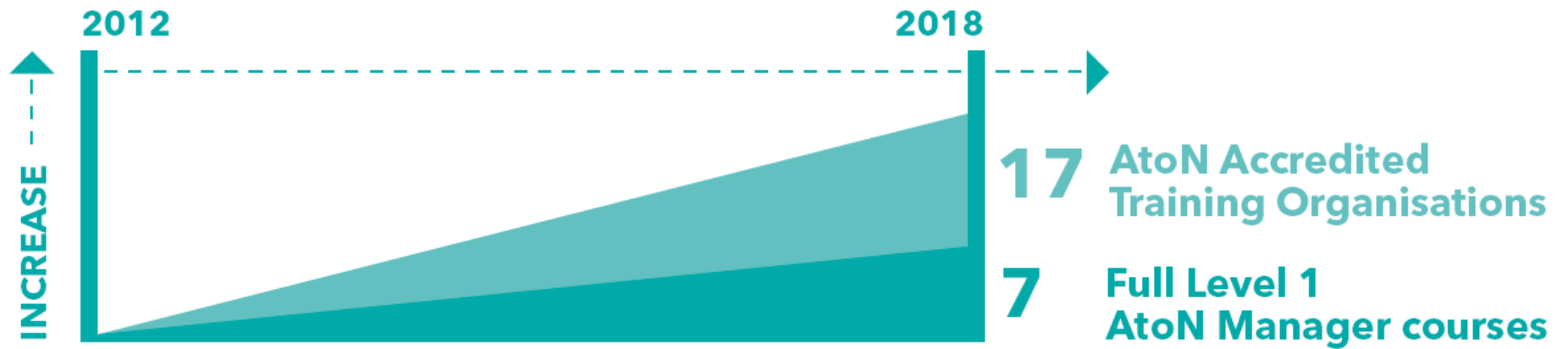
IALA

World-Wide Academy 2018





Increase in ATO's and Level 1 AtoN Manager Courses





TOTAL NUMBER OF CERTIFIED "L1" ATON MANAGERS : **211**





Technical Needs Assessment Missions & States in Need





QUESTIONS?

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