



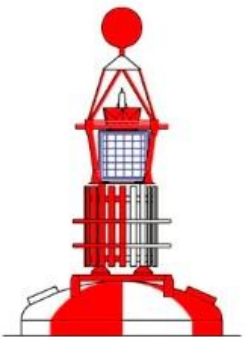
LET'S KEEP THE SHIPS OFF THE ROCKS!



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 Vision

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.





Primary goals of the Academy

*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 relevant IALA Standards.*





The Committees

The “Power House” of IALA

- AtoN Requirements and Management (ARM)
- Engineering and Sustainability (ENG)
- Vessel Traffic Services (VTS)
- e-Navigation (ENAV)





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



IMSAS Audit Summary – October 2021

Finding

The State had not taken necessary measures to ensure the availability and maintenance of AtoN in the waters under the jurisdiction of the State. **No assessment had been made on the requirement of AtoN based on volume of traffic and degree of risk** (SOLAS 1974, regulation V/13; III Code, paragraph 47).

Root cause

There was a **lack of financial resources** and there was **no clear responsibility** assigned with regard to the establishment and maintenance of Aids to Navigation (AtoN) services.

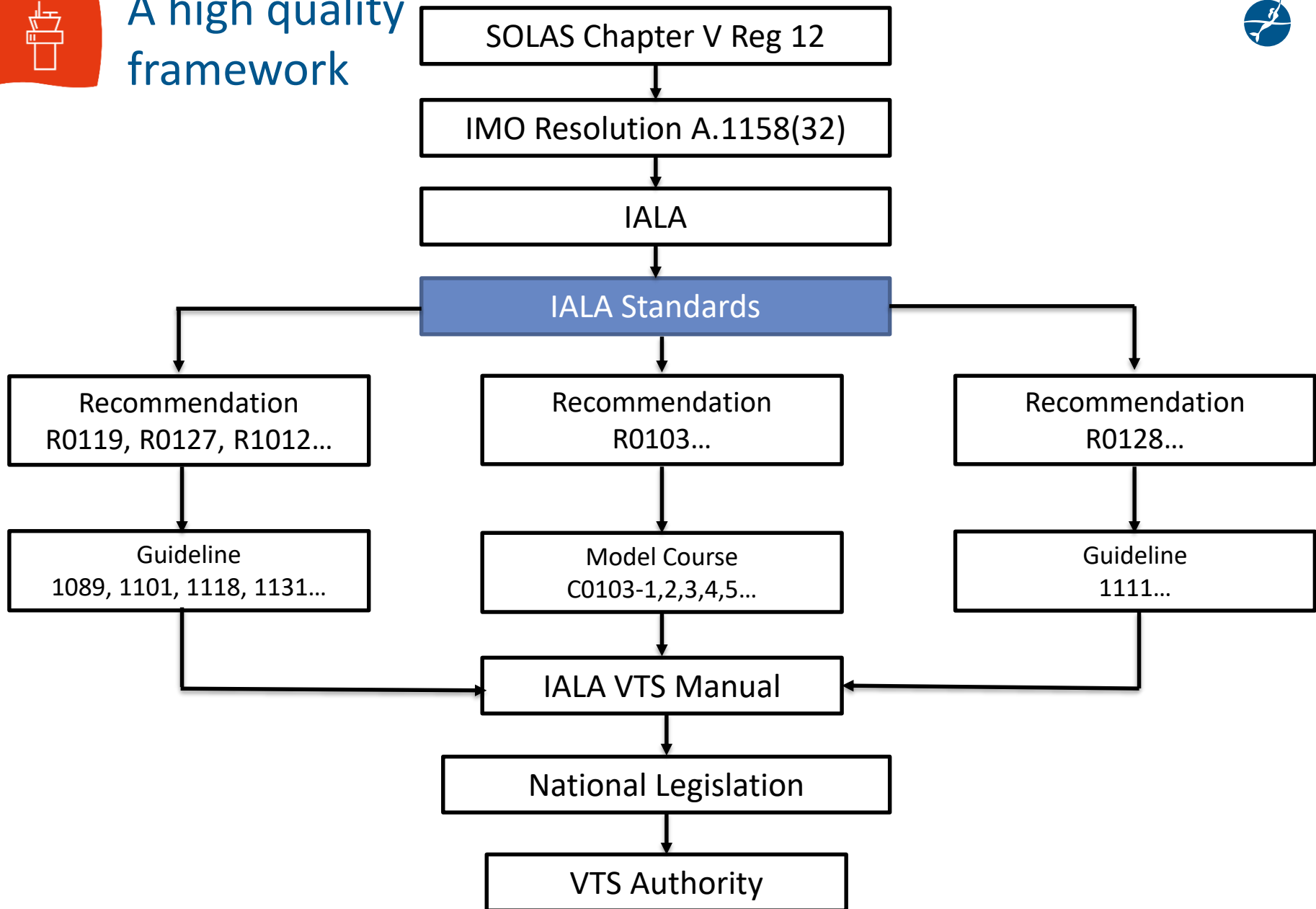
Corrective action

The responsible entity will implement the following actions:

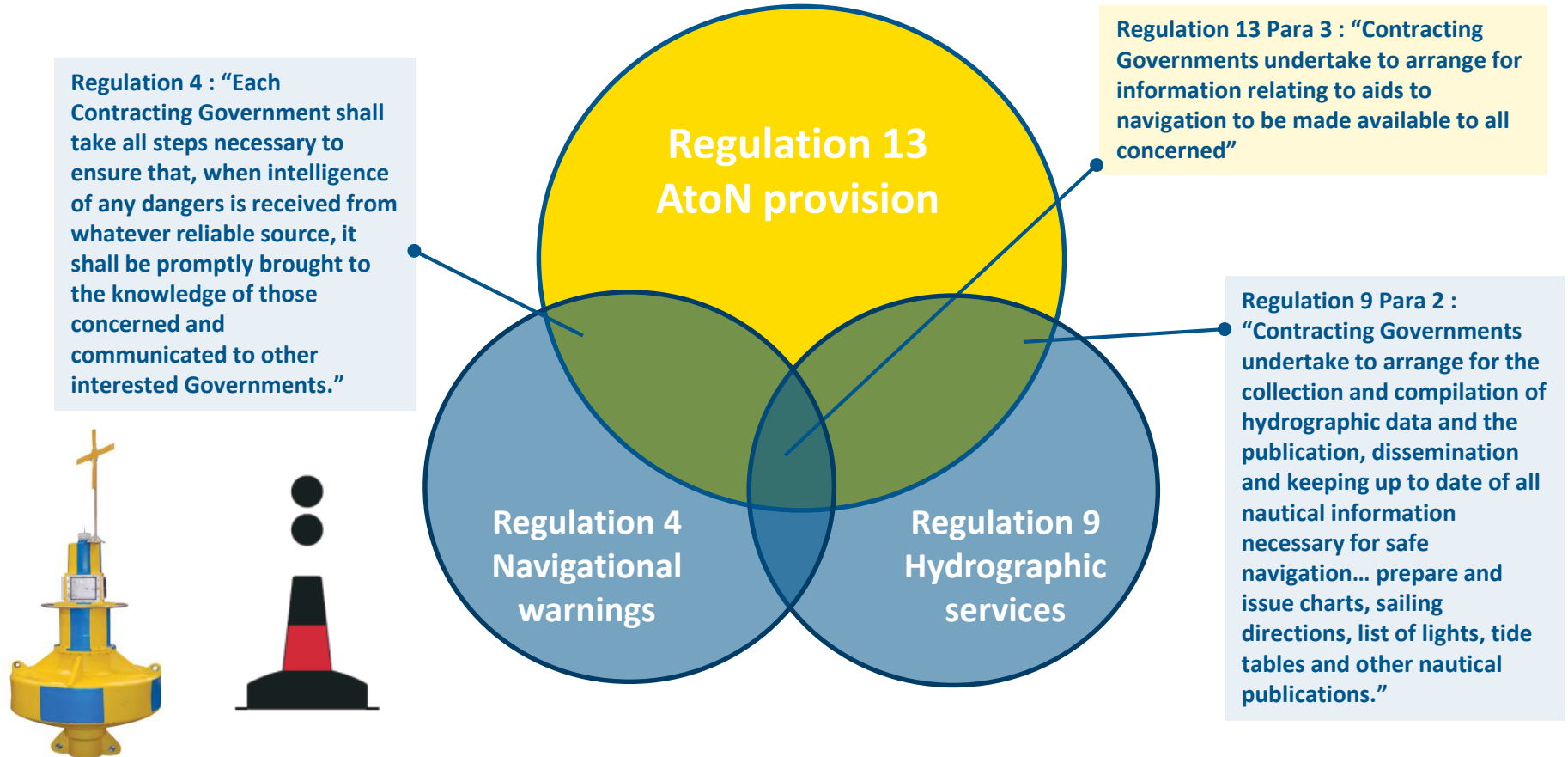
1. conduct a comprehensive risk assessment to determine the requirements for all AtoN;
2. based on the aforementioned assessment, install AtoN;
3. create a database to ensure the service and maintenance of AtoN; and
4. establish an AtoN maintenance fund to provide required financial resources.



A high quality framework



SOLAS V Regulation 13 – Links to Regulations 4 and 9



Regulation 13 is a key clause within SOLAS V relating to the provision of AtoN. Specific requirements of Regulation 13 also link to other regulations of Chapter V. Provision of an AtoN system under Regulation 13 should be considered **together with Regulations 4 and 9**.



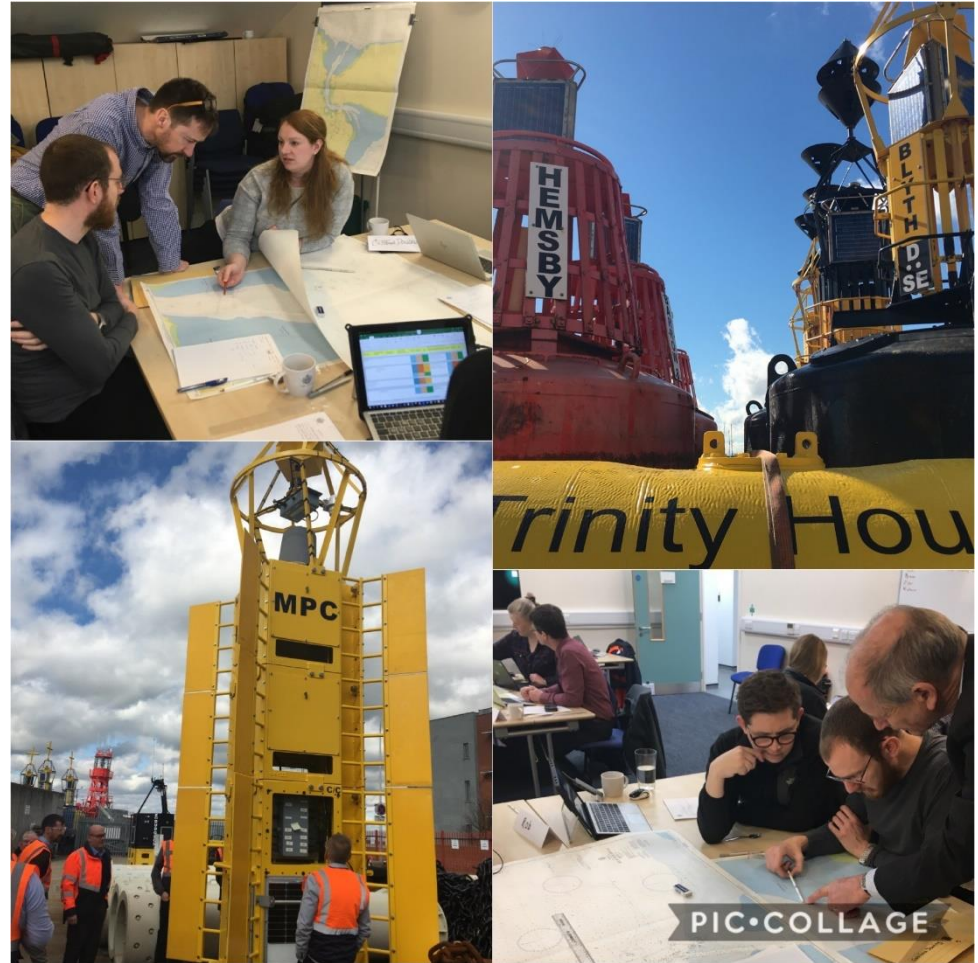
Quality Accredited Training Organisations

Training is available through a network of Accredited Training Organisations.

35 ATO for VTS model courses
in 22 countries

15 ATO for AtoN model courses
in 14 countries

**AtoN Management training
available by distance learning**

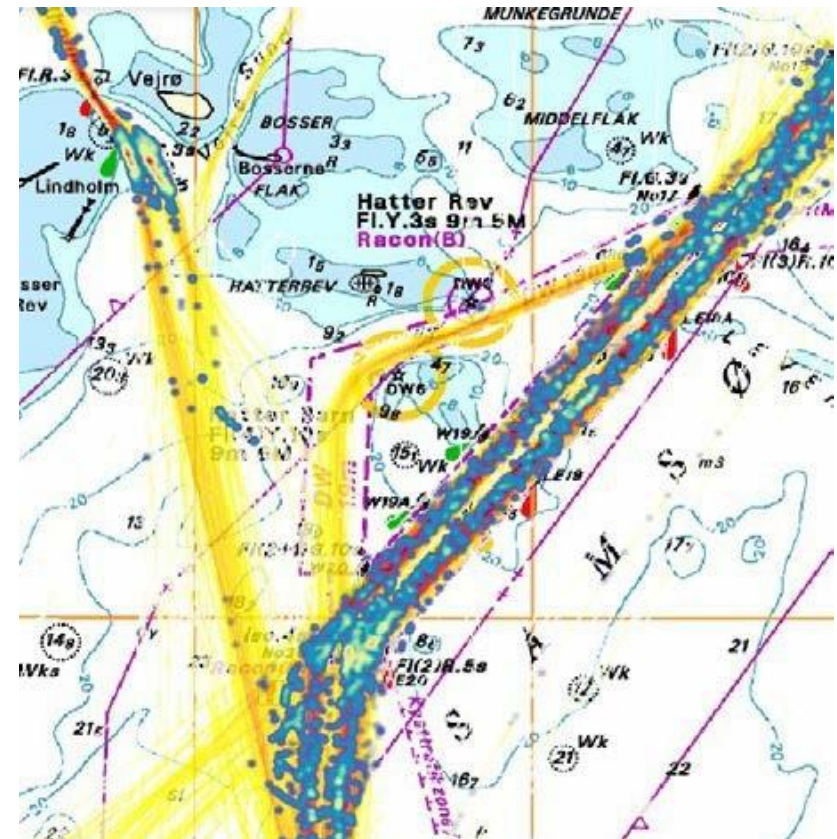




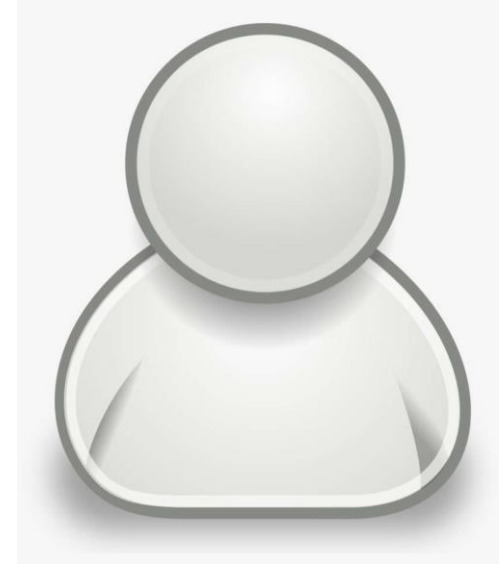
Risk management training

The IALA Risk Management Toolbox training is configured for online learning and adopts a new modular approach.

- Concepts of risk management
- Risk assessment using SIRA
- Risk assessment using IWRAP Mk2
- Advanced IWRAP MK2 modelling
- Conducting a PAWSA workshop



The Academy is much more than the three of us



+ the secretariate and an army of consultants

Jacques, Jean-Luc, Sarah, Dawn, Roger, Colin, James, Colin ++



Assisting coastal States worldwide



**Technical Cooperation Visit
Risk Assessment,
AtoN planning,
AtoN Governance and policy,**



Recent developments in RSAHC



Kingdom of Saudi Arabia: Technical cooperation visit in 2022

Islamic Republic of Iran: IHO-IALA Technical mission 2023

Republic of Iraq: IALA Technical mission 2023

Kingdom of Bahrain: Delivering IALA AtoN model courses,
facilitating risk assessments using the IALA risk toolbox

IALA YouTube: technical webinar, Academy News

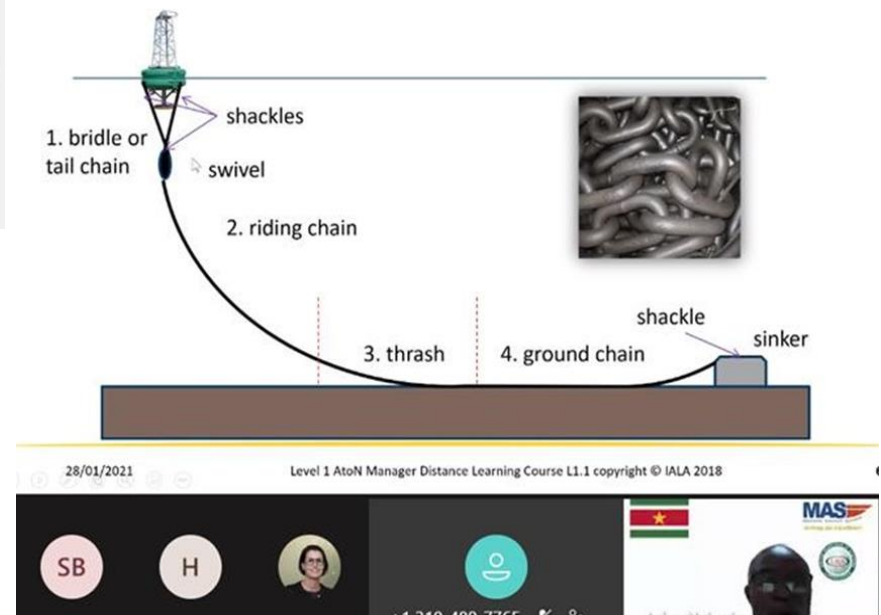
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Mooring Components

IALA Recommendation E-107; Guideline 1066





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RESOLUTION A.857(20) adopted on 27 November 1997
GUIDELINES FOR VESSEL TRAFFIC SERVICES

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IMO

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A 20/Res.857
3 December 1997
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ASSEMBLY

20th session
Agenda item 9

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**NEW IMO VTS Guidelines
A.1158 (32)**

RESOLUTION A.857(20)
adopted on 27 November 1997

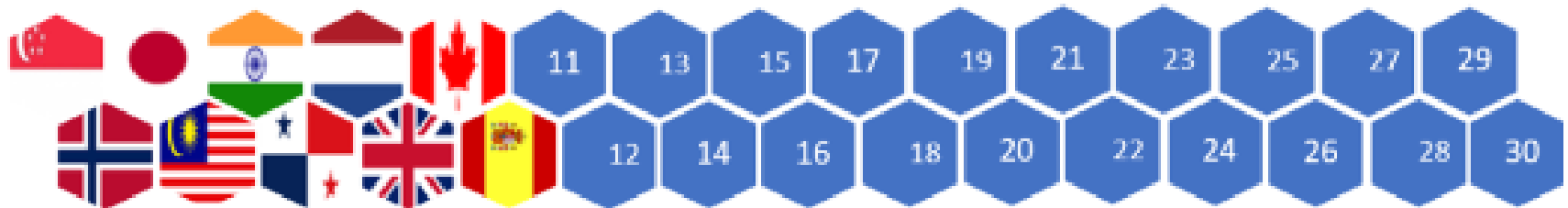
GUIDELINES FOR VESSEL TRAFFIC SERVICES

THE ASSEMBLY,

RECALLING Article 15(j) of the Convention on the International Maritime Organization concerning the functions of the Assembly in relation to regulations and guidelines concerning maritime safety and the prevention and control of marine pollution from ships,

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 10 States have ratified the IALA Convention
- When 30 States have **ratified** the convention, IALA transforms into an **Inter-Governmental Organization**





QUESTIONS?

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