



IALA

A wide-angle photograph of a coastal scene. In the foreground, the deep blue sea has small whitecaps. The middle ground shows a rocky coastline with a dense line of green trees and bushes. On a hill in the background, a white lighthouse with a red top is visible. The sky is a clear, pale blue.

LET'S KEEP THE SHIPS OFF THE ROCKS!



About IALA

International Association of Marine Aids to Navigation and Lighthouse Authorities



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



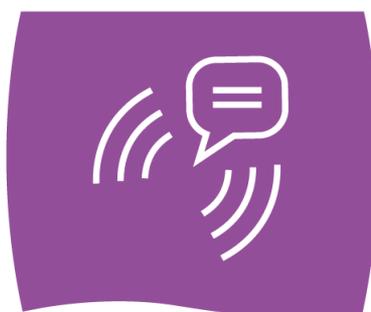
S1030
RADIONAVIGATION
SERVICES



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.

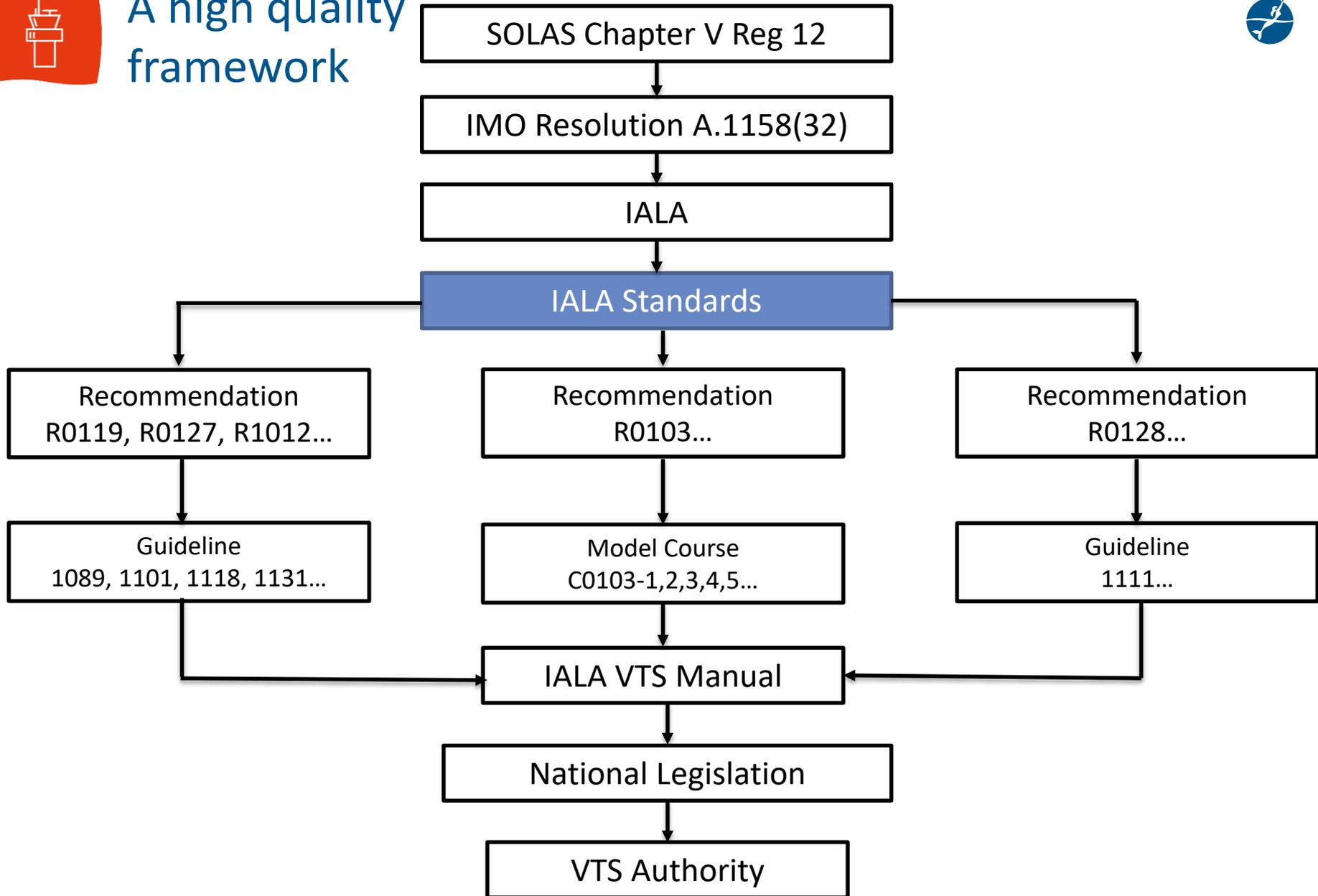
Corrective action

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.



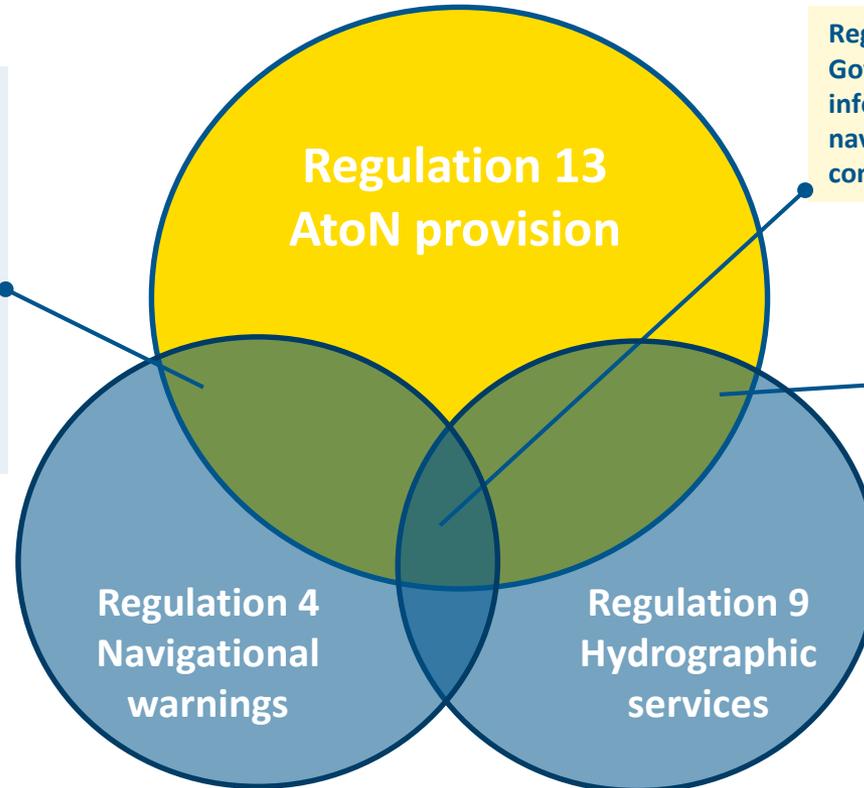
A high quality framework



SOLAS V Regulation 13 – Links to Regulations 4 and 9



Regulation 4 : “Each Contracting Government shall take all steps necessary to ensure that, when intelligence of any dangers is received from whatever reliable source, it shall be promptly brought to the knowledge of those concerned and communicated to other interested Governments.”



Regulation 13 Para 3 : “Contracting Governments undertake to arrange for information relating to aids to navigation to be made available to all concerned”

Regulation 9 Para 2 : “Contracting Governments undertake to arrange for the collection and compilation of hydrographic data and the publication, dissemination and keeping up to date of all nautical information necessary for safe navigation... prepare and issue charts, sailing directions, list of lights, tide tables and other nautical publications.”

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**.



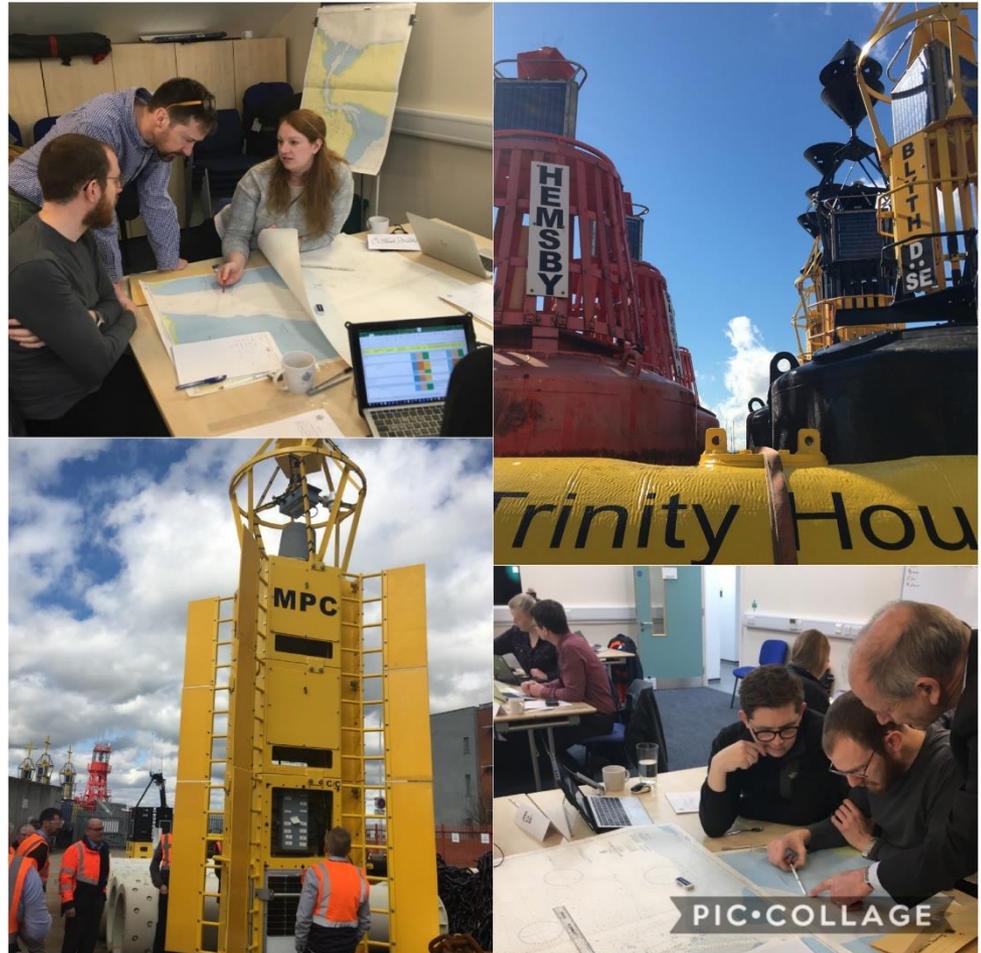
Quality Accredited Training Organisations

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**

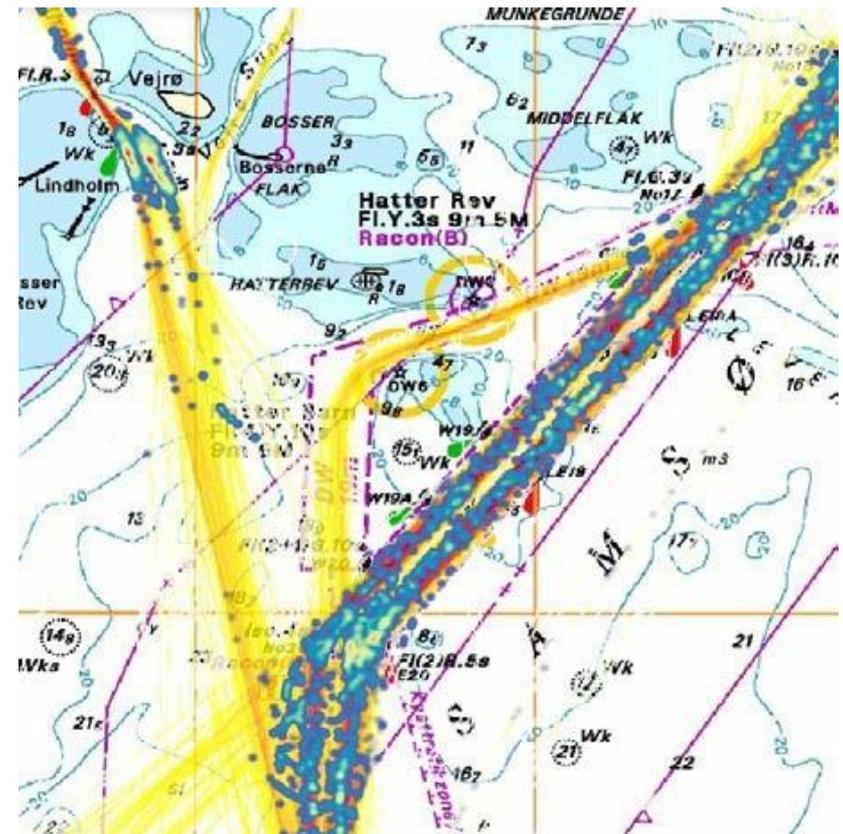




Risk management training

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

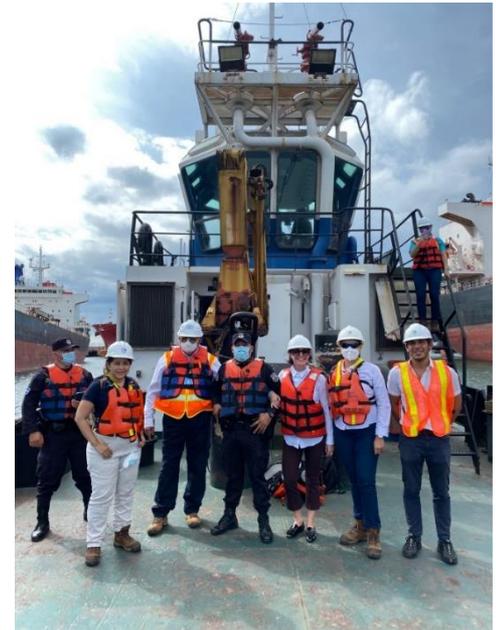
Jacques, Jean-Luc, Sarah, Dawn, Roger, Colin, James, Colin ++



Assisting coastal States worldwide



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





Technical cooperation needs in EAtHC

Democratic Rep. of Congo: visit to IALA HQ, technical mission including Congo river

Guinea Bissau: technical mission

Cameroun: visit to IALA HQ, targeted mission to Kribi

Liberia: visit to IALA HQ, signed membership

Cote d'Ivoire: review of technical mission 2023

Gambia: review of technical mission

GHANA, MOROCCO, SOUTH AFRICA: AtoN training



IALA YouTube: technical webinar, Academy News

Uploads ▶ PLAY ALL



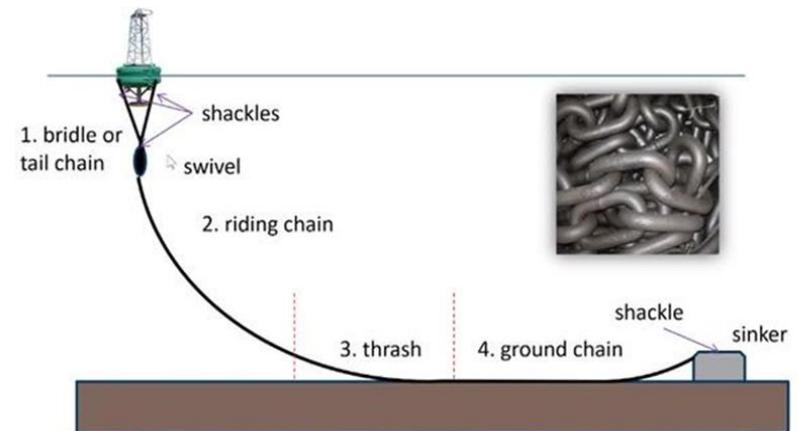
Academy News 6 Seychelles
108 views • 5 days ago



ENG15 Committee Presentations
134 views • 5 months ago

Mooring Components

IALA Recommendation E-107; Guideline 1066



28/01/2021 Level 1 AtoN Manager Distance Learning Course L1.1 copyright © IALA 2018

The bottom of the slide shows a Zoom meeting interface with participant avatars (SB, H, and a woman) and logos for MAS and IALA. A phone number +1 310-480-7765 is also visible.



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
Original: ENGLISH

ASSEMBLY
20th session
Agenda item 9

NOT TO BE REMOVED
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RESOLUTION A.857(20)
adopted on 27 November 1997

GUIDELINES FOR VESSEL TRAFFIC SERVICES

THE ASSEMBLY,

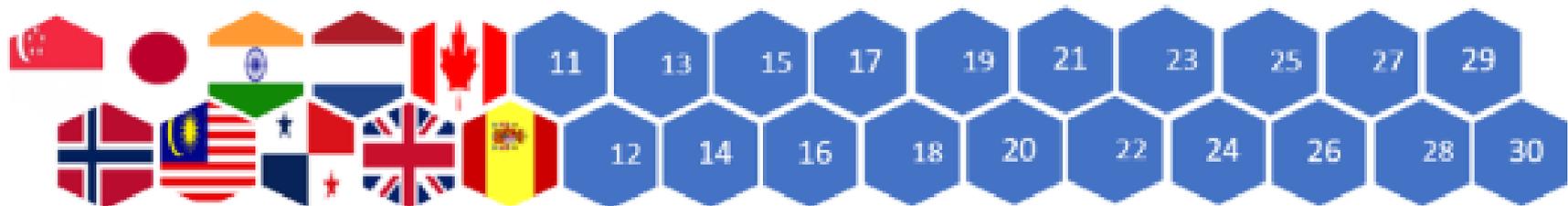
RECALLING Article 15(j) of the Convention on the International Maritime Organization concerning the functions of the Assembly in relation to regulations and guidelines concerning maritime safety and the prevention and control of marine pollution from ships,

645
NEW IMO VTS Guidelines



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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