



International Association of Marine Aids to Navigation and Lighthouse Authorities

High-level conference on Inland Water Transport



# The Maritime Buoyage Agreement

## IALA A and IALA B

During the IALA conference in November 1980 two navigation marking systems, ie the System A (red color for the left hand of the ship) and the System B (red color for the right hand of the ship), were combined into one - the IALA System.

**UNECE** Resolution No. 1 of 28 August 1957 on Standardization of Signaling Systems on Inland Waterways, amended in 1982 (SIGNI) and 2010 to take the IALA Buoyage Agreement into account.





# The Committees

The “Power House” of IALA

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





# Shore services and connectivity

Communications, harmonised data models, positioning





# Vessel Traffic Service (VTS)

Operational safety and efficiency benefits from eNavigation development

IALA Recommendation V-120 of June 2001 (2013) and UNECE, ITC Resolution No. 58 OCT 2004





# IWT and autonomous ships

Legal and operational challenges and opportunities for shore authorities





QUESTIONS?

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