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Chair of **UNECE Working Party
on Inland Water Transport (SC.3)**

UNECE, IWT & RIS

RIS Week Belgrade

Common Issues Day
10 May 2017, Serbia



ECOSOC

1947 **ESCAP**

Economic and Social Commission for Asia and the Pacific

1948 **UNECE**

United Nations Economic Commission for Europe

1948 **ECLAC**

Economic Commission for Latin America and the Caribbean

1958 **ECA**

Economic Commission for Africa

1973 **ESCWA**

Economic and Social Commission for Western Asia

UNECE

56 member states from:

- Europe
- North America (Canada and the United States)
- Central Asia (Kazakhstan, Kyrgyzstan, Tajikistan, Turkmenistan and Uzbekistan)
- Western Asia (Israel)

70+ international professional organisations involved

Impact on 100+ countries beyond the UNECE region

Inland Water Transport

- A viable alternative and addition to road and rail transport (modal shift)
- Frequently, the most economical mode of transport
- Environmentally-friendly
- **BUT largely under-exploited** in Europe



SC.3 Working Party on IWT

60 Years of Activities

! a total of 86 resolutions

- **SIGNI:** standardization of signs and signals
- **The E Waterway Network:** AGN, the Blue Book Resolutions Nos. 30 and 49
- **CEVNI:** European Code for Inland Waterways
- **International Conventions relevant to Inland Navigation:**
- **Vessels and Vessel Certificates:** standardization of technical requirements, unification of certificates

SC.3 Working Party on IWT

60 Years of Activities (cont.)

- Inland Navigation: professional requirements
- Inland Navigation: radiocommunication
- Inland Water Transport: policy issues
- Promotion of River Information Services (RIS)
- Environmental issues: prevention of pollution from vessels
- Promotion of Recreational Navigation, including the International Certificate for Operators of Pleasure Craft

2016-2021 & Vision 2030 STRATEGY

! Strategy & Vision adopted by the UNECE SC.3 in November 2016

- Integrated pan-European infrastructure and services for Inland Waterway Transport
- Overarching goals and objectives for 2016-2021 and necessary actions to reach those goals and objectives:

Fostering RIS and other ICT in IWT in all UNECE member States



Activities related to RIS

- E Waterway Network & the TEN-T core network corridors: streamlining the inventory of most important bottlenecks and missing links (Resolution No 49)
- Good Navigation Status (Regulations (EU) Nos 1315/2013 & 1316/2013)
- Implementation of UNECE Resolutions (out of 27 member States)

Resolution No.	Applied by	Partly applied by or under consideration by
48 (Inland ECDIS)	9	3
57 (RIS Guidelines)	10	2
58 (VTS)	6	5
63 (VTT)	7	3
79 (ERI)	8	3
80 (NtS)	14	3

Activities related to RIS

- Res. No 80 (NtS): draft revision preliminary approved
- Res. Nos 48 (Inland ECDIS), 57 (RIS Guidelines), 58 (VTS), 63 (VTT), 79 (ERI): pending
! waiting for the European Commission and the RIS Expert Groups
- Workshop: RIS and other ICT in a pan-European context
- RIS as an element of Intelligent Transport Systems (ITS)

SIGNI (Res. No 22, revised)

Signs and Signals on Inland Waterways

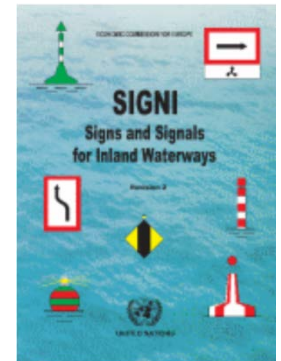
Chapter 12, DRAFT on monitoring of signs and marking by AIS Aids to Navigation (AtoN)
(ECE/TRANS/SC.3/WP.3/2017/12)

Why?

- Introduce AtoN on a pan-European level
- Implementation and standardization of new technologies

Background:

- ✓ Recommendation ITU-R M.1371
- ✓ IALA Maritime Buoyage System and Other Aids to Navigation, IALA Recommendation A-126, IALA Aids to Navigation Guide, IALA Guideline No. 1062
- ✓ Documents of the Joint Working Group on VTT and Inland ECDIS



SIGNI (Res. No 22, revised)

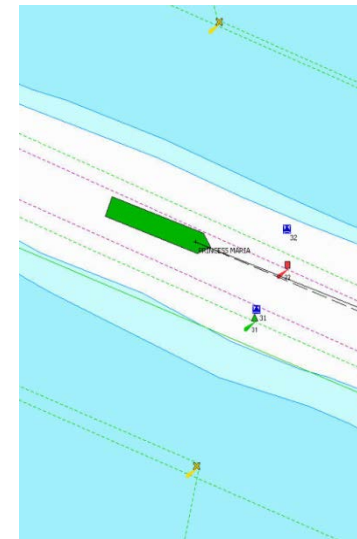
Examples of Virtual AtoN's



Ladoga Lake



Ladoga Lake



Gulf of Finland

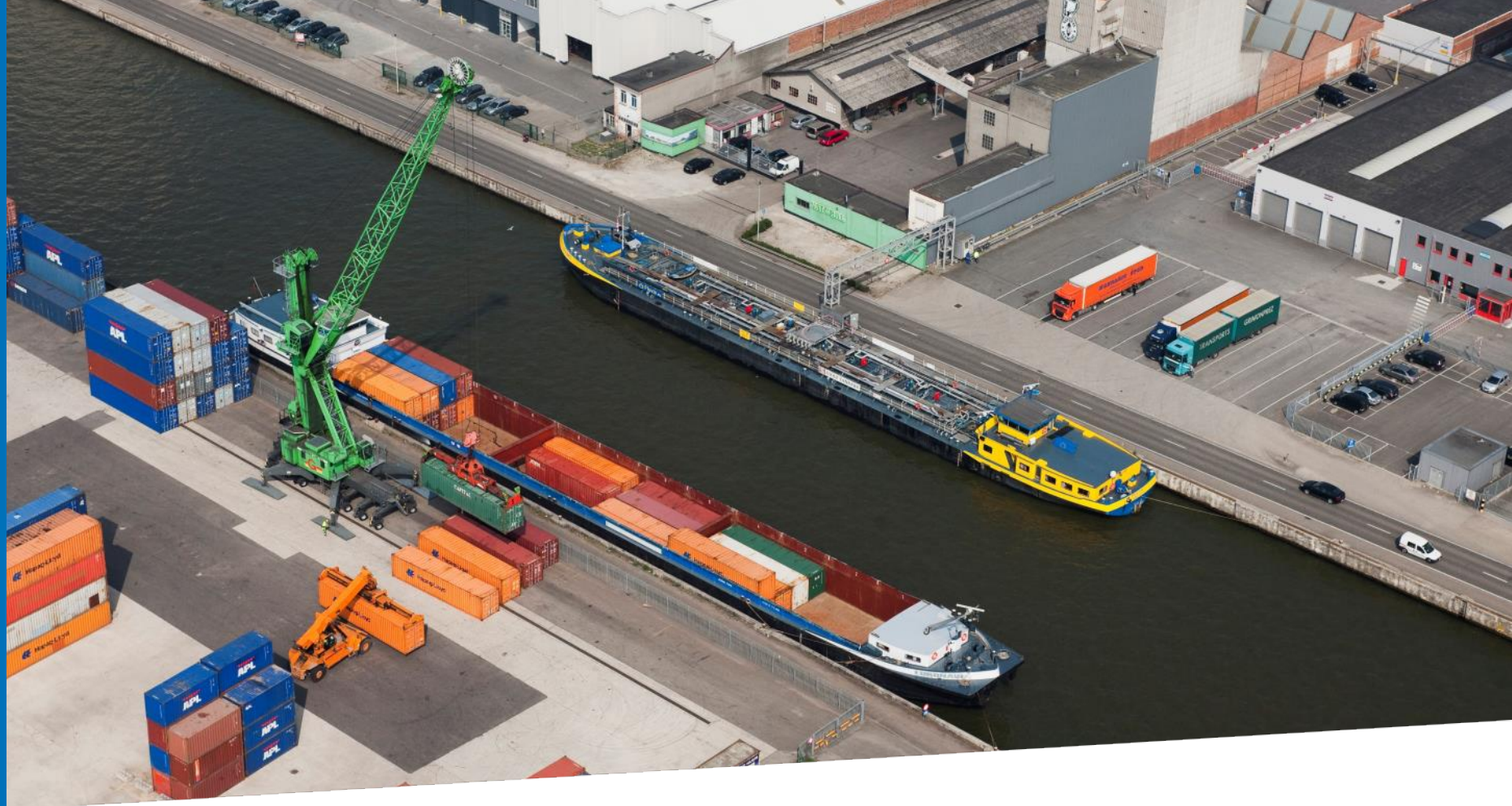
Submitted by the Volga-Baltic Inland Waterway Administration

High-Level Conference on IWT

(Geneva, 22 February 2017)

- RIS in terms of the efficiency, safety and security of navigation
- Need for innovations, modern technologies, data exchange and digitalization
- IALA: milestones will include:
 - ✓ RIS: further development
 - ✓ e-Navigation
 - ✓ Vessel Traffic Services (VTS) and traffic management in IWT
 - ✓ other opportunities by new technologies





Thank you all for your attention!
Merci tous pour votre attention!
Спасибо всем за ваше внимание!