



Notices to Skippers: technical developments and updates

Common Issues Meeting 2015-11-25

Lille

Christoph Plasil, NtS EG chairman

NtS background

- Waterways are subject to (un-)planned changes
 - Water levels, blockages, limitations
- NtS facilitate language independent, machine readable distribution of safety- and voyage-related info
- NtS information given by various authorities within their area of competence
 - Competent authority for traffic management, Lock operator, Shipping police

NtS state of play

- Current legal provisions e.g. 416/2007/EC, UNECE Resolution No. 60, CCNR NtS Edition 3.0 are long-time in force
- Communication with UNECE was established
- UNECE Res. No. 60 (ERI and NtS) will be replaced by
 - Resolution No. 79 ERI
 - Resolution No. 80 NtS where latest NtS standard shall be considered
- NtS are topic for the 48th session of SC.3/WP.3 (17-19 February 2016, Geneva)

CCNR NtS Edition

- Technical NtS Annex was provided to the secretariat of the CCNR in June 2015,
- In the course of the translation and compilation of CCNR NtS Edition 4, few editorial changes and consistency issues were remarked,
- To maintain a uniform text for the NtS standards these amendments were taken over to the text of the proposed EC NtS technical Annex,
- NtS Edition 4 is on the Agenda of the CCNR RIS/G on 15.-16. December 2015
- Decision process for adoption depends on schedule of EC

Standardization Roadmap

1. Establishment of TF to work on the update of the NtS technical Annex (Jan 2015), workshop (April 2015)
2. Distribution of draft technical Annex to NtS EG (May 2015)
3. Acceptance of technical Annex at RIS week (June 2015)
4. Provision of consolidated technical Annex towards EC, information towards UNECE, CCNR etc. (July 2015)
5. Finalisation of Appendixes and acceptance by NtS EG at RIS week (November 2015)
6. Submission of NtS technical Annex incl. Appendixes to EC, information towards UNECE, CCNR etc. (December 2015)



What's new in revised NtS std.?

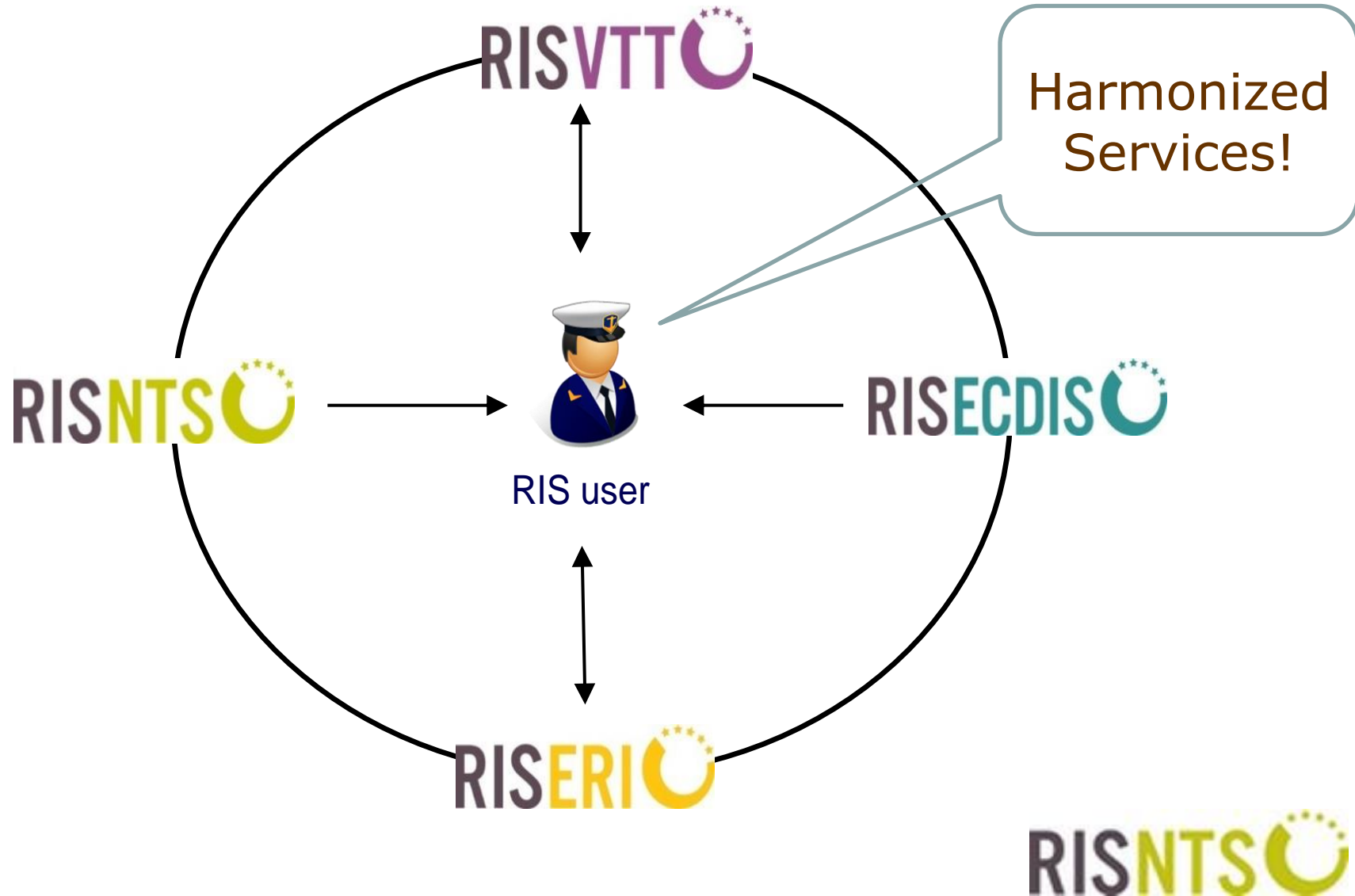
- New NtS standard contains changes in the message structure as well as the (new) Weather Related Message
- NtS information shall be made available by the member states via the standardized NtS web service
- Standardization/Harmonization of the content of NtS messages
 - To allow processing of NtS messages by other applications (e.g. voyage planning solutions)
 - To increase user friendliness of NtS (e.g. streamlining of content, similar messages for similar situations)
- Introduction of ERDMS as electronic source of reference data for NtS reference tables and the RIS Index

Structure of revised NtS EC CR

- Technical Annex
 - Appendix A: NtS Encoding Guide for editors
 - Appendix B: NtS Encoding Guide for application developers
 - Appendix C: NtS reference tables
 - Appendix D: NtS XSD 4.0.4.0
 - Appendix E: NtS WSDL 2.0.4.0

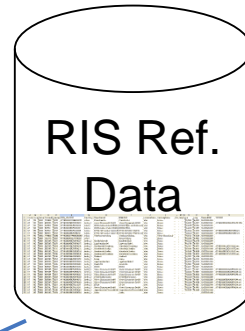


JTF on the RIS Index



Joint TF RIS Index

ERDMS
(European Ref. Data
Management System)



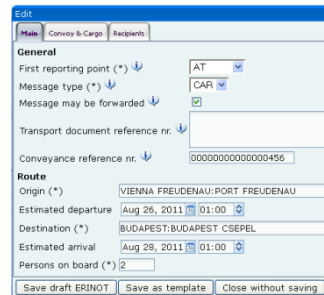
RISECDIS



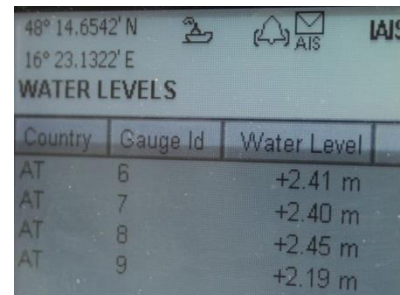
RISNTS

RISERIO

RISVTTO



A screenshot of a maritime message form, likely a Notice to Mariners, containing fields for General, Route, and other information.



A screenshot of a water level display showing coordinates and a table of water levels for different gauges.

Country	Gauge Id	Water Level
AT	6	+2.41 m
AT	7	+2.40 m
AT	8	+2.45 m
AT	9	+2.19 m

RISNTS

RIS Index version 2.0

- Amendments to the RIS Index in order to facilitate the integration of the ERI-locations in the RIS Index
 - Additional function codes for terminals integrated
 - Source of information integrated
- Meet requirements from the NtS EG
 - Enhanced information on objects
 - Support national languages
- Proper implementation of NtS CR 160 at ERDMS was evaluated, Feedback was provided

Thank you for your attention!