Agenda

• RIS / key technologies
• The RIS Index
• The ISRS location code
• Interoperability
• RIS Index Encoding Guide
• Conclusion
RSOE Introduction

- Established in 1982
- Wide range of activities
- Hungarian RIS Provider
- Involved in several IWT- and RIS-related projects
Key technologies / Expert Groups

• Vessel tracking and tracing
• Notices to Skippers
• Electronic reporting
• Inland ECDIS
The RIS Index…

• provides location codes for the RIS key technologies

• is encoded nationally according to the RIS Index Encoding Guide

• offers a unique code for objects influencing the safety of navigation
The RIS Index...
The ISRS location code...

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- Country code (2)
- UN location code (3)
- Fairway section code (5)
- Terminal code / *Object reference code* (5)
- Fairway hectometer (5)
The object itself...
Interoperability...
RIS Index Encoding Guide (1/3)

• Revision and update of the former version
• Joint Task Force established:
  – unambiguous encoding guide for the ISRS location code
  – elaborate a proposal for the unambiguous encoding of waterway networks
  – provide a proposal based on the RIS Index for a revision of the Annex I of Directive 2005/44/EC
### RIS Index Encoding Guide (2/3)

- bridge
- lock basin
- lock basin part
- exceptional navigational structure
- turning basin
- harbour basin
- harbour area
- port area
- berth without transhipment
- transhipment berth
- anchorage area
- anchorage berth
- terminal
- waterway gauge
- passage points

- traffic points
- bridge area
- lock area
- overhead cable
- overhead pipe
- radio calling point

Proposed to include three more objects in the list:
- junctions
- distance mark along fairway axis
- RIS centre
RIS Index Encoding Guide (3/3)

• Status quo
  – Version 0p91 presented during the NtS Expert Group meeting in June
  – Feedback gathered
  – Merkblatt of the CCNR on the RIS Index

• Next steps
  – Consolidation of inputs
  – Discussion on open issues
  – Next meeting: 3rd November 2011, Koblenz
  – Presentation of results planned on 15th November 2011, NtS EG meeting
Conclusion

• Precondition for safe and interoperable RIS services: **unambiguous RIS reference data**

• **ISRS location codes** ensuring one-to-one connection for governmental and logistics users

• Encoding of **European fairway network** is of high importance
Thank you for your attention!

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