



Czech Republic  
Ministry of Transport

# Coordinated RIS on the Elbe as support for GNS targets



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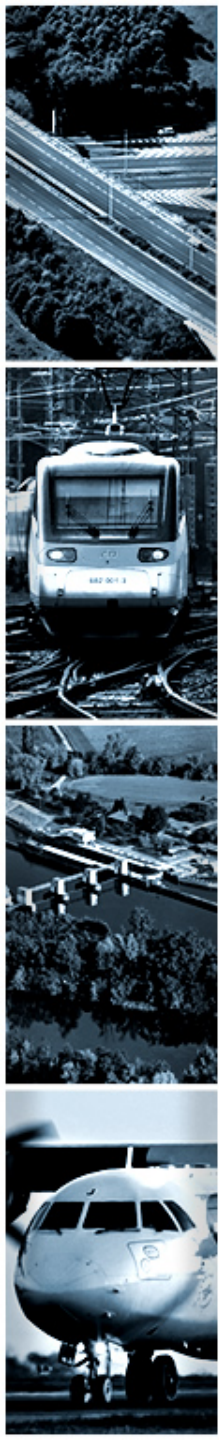
Rail and Waterborne Transport Department

DISC CONFERENCE

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## The TEN-T network, Elbe Waterway and the Czech Republic

- The Elbe waterway and OEM corridors of TEN-T network
- The only connection of CZ to European IWT network and maritime ports
- Specific kinds of goods – the only solution for transport is IWT



## TEN- T Regulation and GNS targets

- Currently very strict parameters determined by the TEN-T Regulation
- Analyses prepared by CCNR corespondence working group
- Diversification of waterways – diversification or requested parameters
- Hard and soft measures

## CZ – DE cooperation

- Derogation of currently requested parameters by TEN-T Regulation for the Elbe
- Preparation of Czech – German Treaty on Elbe Waterway
- Coordination meetings, Gesamtkonzept Elbe
- Elbe – Weser corridor as a part of RIS COMEX project

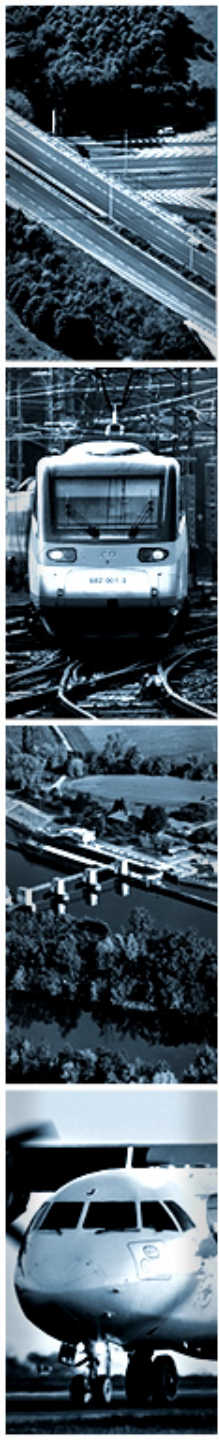
# RIS as a kind of smart measure of GNS implementation

## Preconditions:

- AIS obligation
- International Data Exchange ready
- ENC charts coordinated and well maintained
- National legislation appropriately developed
- Shore infrastructure ready
- Coordination on the corridor and among corridors

## Corrdior RIS services on the Elbe

- Level 1 – dynamic and static information on infrastructure for voyage planning
- Level 2 – traffic information – determination of slots as a part of voyage planning and transport management
- Level 3 – support for supervision as a part of logistics



## Common services solved by CZ and DE on Elbe – Weser corridor

- Reference implementation of real AtoN's
- Implementation of virtual AtoN's and ASM for indication of actual status of the waterway
- Creation of AtoN for information on the actual position of ferries (crossing the waterway)
- Distribution of water level information and actual bridge clearances through ASM
- ETA and RTA communication on locks and bridges by AIS

Preparation of service agreement on international data Exchange between CZ - DE



# Thank you for your attention



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**Ministerstvo dopravy**

