

# Vessel Tracking and Tracing Inland AIS

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# Background

EU RIS Directive:

Implementation Vessel Tracking and Tracing is  
**not** mandatory

Decision by Member State:

To implement Vessel Tracking and Tracing

then:

Vessel Tracking and Tracing Standard mandatory



# Vessel Tracking and Tracing Standard

Accepted by CCNR:

1 June 2006

- Update:

10 November 2007

Accepted by EU:

23 April 2007

- Update (expected):

spring 2009



# Part 1: Use of Vessel Tracking and Tracing in Inland Navigation (1)

## Relevant RIS services:

- Vessel traffic management
- Calamity abatement services
- Enforcement
- Navigation
- Transport management
- Waterway infrastructure charges
- Fairway infrastructure services

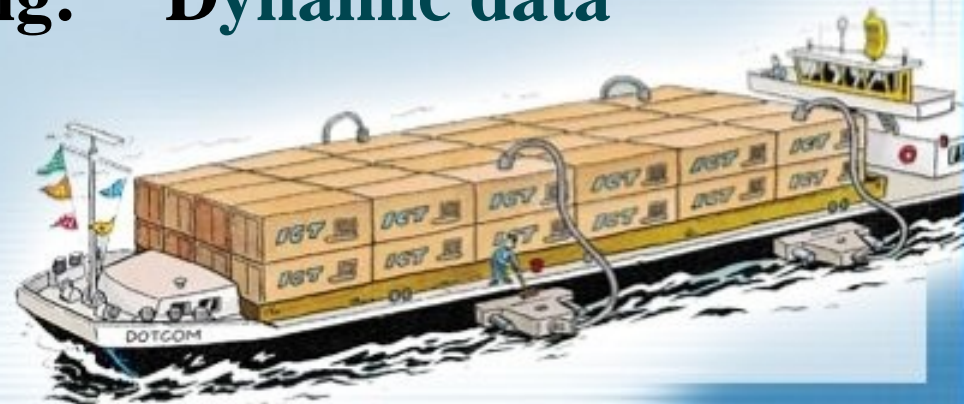


# Part 1: Use of Vessel Tracking and Tracing in Inland Navigation (2)

User requirements for each RIS service and activity:

- Data fields
- Accuracy
- Codes
- Update frequency

**Vessel Tracking and Tracing: Dynamic data**



# Part 2: Inland AIS standard (1)

Common messages for IMO and inland AIS

Basic information content of tailored messages  
(according recommendation ITU-R 1371-1)

1. Position report
2. Ship static and voyage related report



# Part 2: Inland AIS standard (2)

Inland application specific messages:

## Binary messages

(according ITU-R 1371-1 AIS VDL msg 6 and 8)

1. Inland static and voyage related data
2. ETA at lock/bridge/terminal
3. RTA at lock/bridge/terminal
4. EMMA weather message
5. Water level
6. Signal status
7. Inland number of persons on board





# Test Standard and Clarification Document

Test standard:

Accepted by CCNR:

25 May 2007

Clarification document



# More information?

[www.euro-compris.org](http://www.euro-compris.org)

Select: extranet

Username: pm1

Password: tracing

Email:

VTT-secretariat@risexpertgroups.org



# Technical Details Inland AIS

by Mr. S. Bober

