

# VTT Expert Group

Report of the VTT EG

RIS week in Prague, Czech Republic

15th June 2016

Common issues meeting

## **Vessel Tracking and Tracing (VTT) in inland navigation**

### **VTT Expert Group (VTT EG)**

Task: Standardisation of VTT, guidelines, documentation

Sub group ASM (1 meetings)

### **Joint Inland ECDIS and VTT EG**

Task: Visualisation of VTT related information

Sub groups AIS AtoN in inland waterways (1 meeting)

## **Subgroup: Harmonisation of ASM for inland waterways**

### **Inventory of European Inland ASM**

#### **Aim:**

- defines all ASMs use on European inland waterways

#### **Work:**

- Draft Edition 1.0 contains ASMs previously published in the VTT standard + ASM Bridge clearance
- Proposal for additional ASMs under development

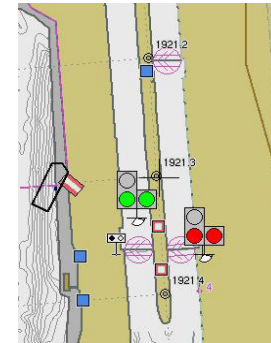
#### **Task VTT EG:**

Approval of Inventory of Inland ASM Edition 1.0

### Application Specific Messages (ASM)

#### Signal Status

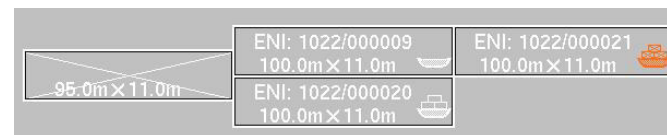
e.g. signal lights at a look



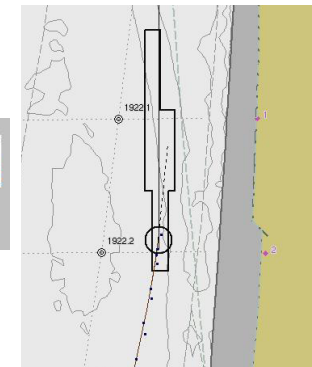
Signal Status  
in IECDIS

#### Convoy Message

Information of a convoy:  
Size + ENI of barges



Convoy display on shore



Convoy in IECDIS

#### Safety Message

Temporary information  
on incidents



Notfallmeldung in IECDIS on board

## **Subgroup: Harmonisation of ASM for inland waterways Inventory of European Inland ASM**

### **Further work:**

- Proposal for additional ASMs under development:
  - Standardized safety-related Message (SSRM)
  - Convoy Message
  - Common Access Reference Number (CAN) Message
  - ASM Control Message
- Develop Guidelines for ASM
  - Information paper on ASM
  - Guidelines on defining ASM
  - ASM Implementation Guidelines
  - Draft Inland-AIS Visualisation-Guidelines

## **Subgroup: AIS Aids to Navigation Message (AIS AtoN) in inland waterways**

### **Aim:**

- adapt existing maritime AIS AtoN message to serve inland navigation as well

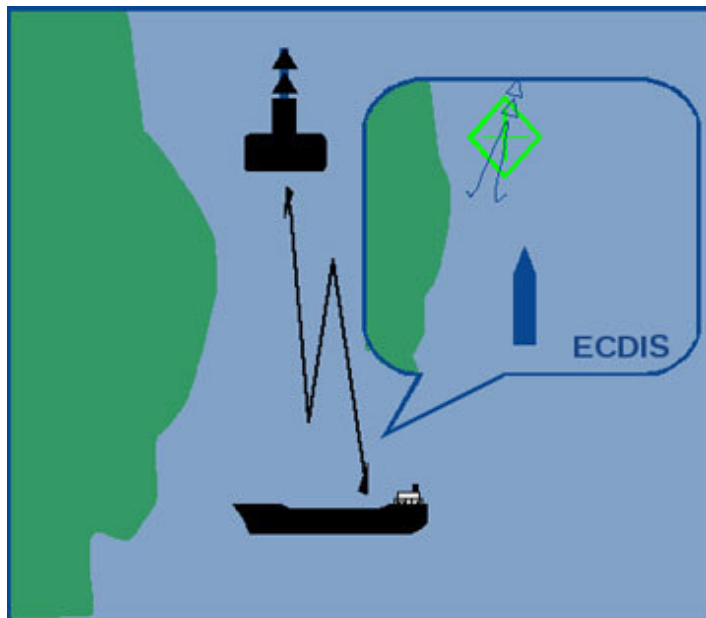
### **Work:**

- Definition of Inland extension for AIS AtoN
  - MID (MMSI) to define the region where inland extension is applicable
  - AtoN status bits regional page 1 to define additional Inland type of AtoN

### **Task VTT EG:**

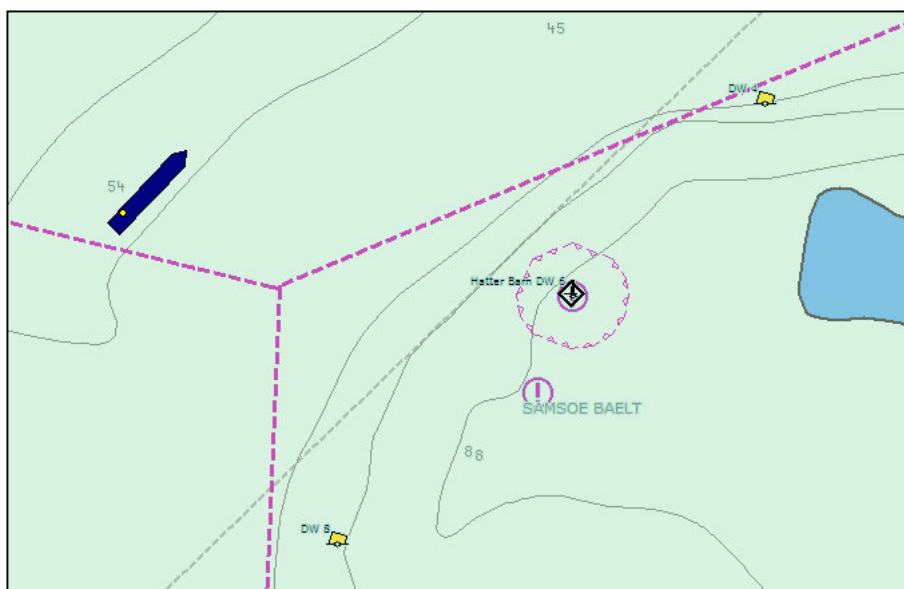
- Approval of method and table Inland type of AtoN

## AIS Aid to Navigation

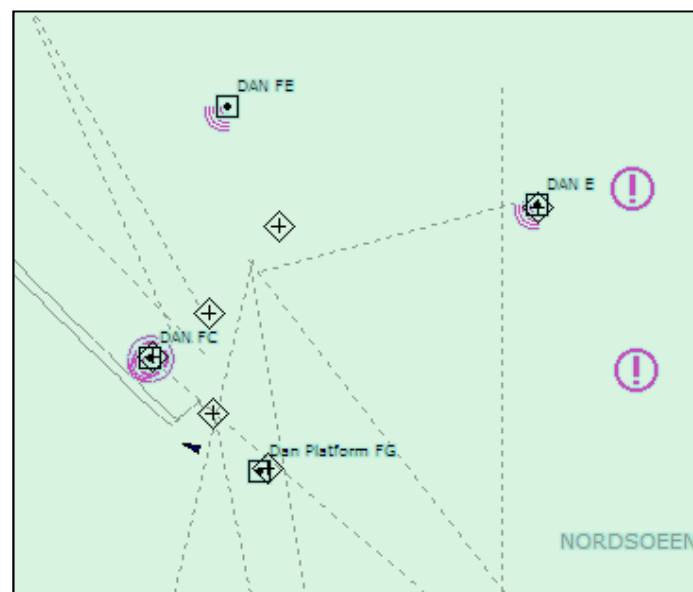


## How to see an AIS AtoN?

AIS AtoN can be displayed on an ECDIS on board of a vessel



AIS AtoN to mark a lighthouse



AIS AtoN on windfarms



## **Subgroup: AIS Aids to Navigation Message (AIS AtoN) in inland waterways**

### **Further work:**

- Develop Guidelines for AIS AtoN report in inland waterways
- Update Information paper on Inland AIS AtoN report
- Draft Inland-AIS Visualisation-Guidelines
- Develop minimum performance and technical requirements for a Inland AIS AtoN station
- Trial implementation on Inland AIS AtoN report in AIS AtoN station and shore based AIS network

## **VTT EG: Update EU VTT Standard 2015 -> 2016**

### **Aim:**

- Update of VTT Standard Edition 2.0 – 2015

### **Work:**

- Introduce a reference to the Inventory of ASM
- Introduce a new Chapter on the Inland AIS AtoN
- Clarify Annex B – digital interface sentences

### **Task VTT EG:**

Approval of Update of VTT Standard Edition 2.0

## **VTT EG: Update EU VTT Standard 2015**

### **Next steps:**

- Approval of the updated VTT standard by EU
- Provide updated EU VTT standard to other international bodies: CCNR, MC, DC, SC, UNECE
- Support update of VTT standard at CCNR and UNECE if required
- Provide Inventory for European ASM
- Provide Table of additional Inland AIS AtoN types
- Publish and maintain guidelines and documentation on Inland ASM and Inland AIS AtoN report



**Thank you for your attention**