VTT Expert Group

Report of the VTT EG

RIS week in Lille 25 November 2015

Common issues meeting

Vessel Tracking and Tracing (VTT) in inland navigation

VTT Expert Group (VTT EG)
Task: Standardisation of VTT, guidelines, documentation

Sub group Update EU VTT standard (2 meetings)

Joint Inland ECDIS and VTT EG
Task: Visualisation of VTT related information

Sub groups AIS AtoN in inland waterways (1 meeting)

VTT EG: Update EU VTT Standard 2015

Aim:

- Streamline the EU VTT standard
- Focus on technical definition of the Inland AIS
- Description of only the functionality which is integrated into the Inland AIS station

Work:

- Introduce a new Chapter on the use of VTT; chapter 1
- Ease/shorten chapter on general functional specification of VTT: chapter 2

VTT EG: Update EU VTT Standard 2015

- Update but keep the Inland AIS technical specification; chapter 3
- Introduce technical requirements for other AIS mobile station used in inland waterways (i.e. Class A, Class B); chapter 4
- Update Appendix A - Definitions, B – digital interface, C – Inland vessel and convoy types
- Create an inventory of ASM which will contain all ASMs for inland waterways which are not integral part of the Inland AIS station

VTT EG: Update EU VTT Standard 2015

Next steps:

- Approval of the updated VTT standard 2015 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
- Finalise inventory for European ASM
- Publish and maintain inventory by VTT EG

RISVTT

Harmonisation of Application Specific Messages (ASM) for inland waterways in Europe

Inventory of Inland ASM

- aim: contains all ASMs use on European inland waterways
- ASM previously published in the VTT standard
- Harmonised Inland ASM for Europe (DAC 200)
- Proposed ASM under development (not jet approved)

Information paper on Inland ASM in Europe

- Update to the Information paper on ASM

AIS Aids to Navigation Message (AIS AtoN) in inland waterways

Maritime AIS AtoN message is not fully suitable for inland navigation (IALA versus CEVNI buoyage system)

Discussion:

- develop new AIS AtoN message for inland navigation (ASM)
  - > not visible for maritime ECDIDS
- adapt existing maritime AIS AtoN message to serve inland navigation as well (use of MID and AtoN status bits in the message)
  -> basic information visible for maritime ECDIS

Thank you for your attention