River information services in Croatia

Rade Gicić
DISC ´18
Established components of RIS

HR RIS portal
- Gateway portal (Data Gateway)
- ERI (Electronic Reporting International) - needs to be updated, planned for implementation
- NtS (Notices to Skippers), hydrological and meteorological data
- ENC for the Danube, Drava & Sava Rivers with GIS objects Other information relevant for navigation
- General information of RIS
- Messaging, Alarms, Warnings, Emergencies...
HR RIS
Graphical gateway for commercial users for on-line tracking of vessels
ENC

- ENC (standard 2.3) for download - free of charge:
  - Danube (rkm 1.294 – rkm 1.433)
  - Drava (rkm 0 - rkm 23)
  - Sava (rkm 207 – rkm 594)
- ENC Danube depth in the critical sectors
Pilot implementation of the Master Plan

... with 5 Surveying vessels

... with 37 gauging stations

... with 4 new marking

Harmonised pilot operations in order to gain experience for full implementation of the Master Plan

Monitoring Equipment: 5 surveying vessels (1/5)

Delivered
11.10.2017
Ms. Duška Kunštek, Assistant Minister of Sea, Transport and Infrastructure has baptized Agency for Inland Waterways’ vessel "Connecting Europe" purchased and constructed within the Fairway Danube project.
**HYDROLOGICAL STATIONS**

**EXISTING HYDROLOGICAL STATIONS**
- 5170 Batina
- 5001 Ajdovl
- 5130 Dùš
- 5070 Vukovar
- 5024 Ilok

**NEW HYDROLOGICAL STATIONS**
- Siha - 1412.5 km
- Petroš - 1189 km
- Solin - 1322 km
- Mohovo - 1311 km

**TYPICAL INSTALLATION**

**New installation**: MOHOVO

- Measuring data: Water level, Water temperature
- Water level measuring principle: Pressure sensor, Radar
- Modernization: BATINA

**AREA COVERED**

**WEB PUBLISHING**

**Cross section**

**Water level**
Challenges for the Future

- Intensive work on the international RIS data exchange on EU level
- International Data Exchange - adopting new standards in operation of DataGateway
- Improve of quality of ENCs & upgrade to standard 2.4
- Improving cross-border & region bilateral and multilateral relationships
- Participation in project RIS COMEX
- Promoting inland waterway transportation
Thank you for your attention!

rade.gicic@vodniputovi.hr

Agency for Inland Waterways
www.vodniputovi.hr