



Developments related to the RIS IT systems operated by the European Commission



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Recent changes and challenges in managing RIS projects at the EC

- EC Data Strategy & EC Digital Strategy
 - Digitally transformed, user focused, data driven
 - Common data repositories (reusable data)
 - Reusable software components (building blocks)
 - new governance roles, re-evaluation of projects
 - Migration to Windows 10 → migration of the development to the cloud
- New framework contract for hiring external resources
 - Fluctuation of resources (developers)



Recent changes and challenges in managing RIS projects at the EC

- Agile developement approach in the SRD.2 unit
 - Requires detailed backlog (user stories)
 - Requires teams (for SCRUM at least 3+1)
 - Work in interations/cycles (2 weeks)
 - Demo delivered after each interation
 - **The whole team has to learn the project**
 - **Project assigned to the team based on priority**



RIS related IT systems operated by the European Commission

EC's RIS IT systems:

- **EHDB: European Hull Database**
- **ERDMS: European Reference Data Management System**
- **ECDB: European Crew Qualification Database**



- **Electronic Inlandwaterway Transport system (eIWT)**



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EHDB: European Hull Database

- central RIS repository for information about inland vessels,
- Register of all *Unique Vessel Identification Numbers* (ENI) for vessels identified for inland navigation,
- Information source for
 - technical and security related vessel parameters,
 - security compliance (certificates),





ERDMS: European Reference Data Management System

- Repository for the data of the entire inland waterway network, for instance the location of locks, bridges and ports.
- to avoid the use of different data versions in on-board RIS applications.
- Current reference tables:
 - RIS Index
 - 7 for ERI (Electronic Ship Reporting Regulation)
 - 29 for NTS (Notices to Skippers Regulation)
- More details:
http://www.ris.eu/services/european_reference_data_management_system_erdms_



ERDMS: European Reference Data Management System

- New NTS tables (vesion 401)
- multi-language support for NTS lists
- Development of the new version of ERDMS is ongoing




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Reference Type: **risindex**

 Filters

23 items selected 

	ISRC Code 	unloc cc 	unloc code 	wwsectcode 	obj code 	hectomt 	objfunc 	objname 
 	ATADG00001BER3R20812	AT	ADG	00001	BER3R	20812	BERTHS_3	TIEFENBACH
 	ATADG00001BER3R20825	AT	ADG	00001	BER3R	20825	BERTHS_3	TAUCHLAENDE KOLLMITZ
 	ATADG00001CBOH120844	AT	ADG	00001	CBOH1	20844	CBLOHD	STARKSTROM DORNARCH
 	ATADG00001HRBS120841	AT	ADG	00001	HRBS1	20841	HRBBSN	SPORTBOOTHAFEN RADER
 	ATADG00020HRBS120827	AT	ADG	00020	HRBS1	20827	HRBBSN	SPORTBOOTHAFEN ARDAC
 	ATAGG00001BER3L20264	AT	AGG	00001	BER3L	20264	BERTHS_3	AGGSBACH MARKT
 	ATAGG00001BER3L20298	AT	AGG	00001	BER3L	20298	BERTHS_3	GRIMSING
 	ATAGG00001BER3R20250	AT	AGG	00001	BER3R	20250	BERTHS_3	FAHRGASTLAENDE AGGST DONAUSTATION 14

ERDMS: Functionalities

- Modern look and compliance to current security standards
 - Flexibility (extensions / addition of lists)
 - Local language support for the user interface
 - Improved Search functionality
 - Improved presentation of the data on the screen
 - Easier import and export of data (Excel)
- Envisioned future developments:
 - Data quality control (Geographical analysis),
 - Improvements to user management (national managers for user administration),
 - Changes for the Web-Service,
 - Module for displaying RIS index data on map,



ECDB: European Crew Qualification Database

- For the purpose of implementing, enforcing and evaluating Directive 2017/2397,
- for maintaining safety, for ease of navigation, as well as for statistical purposes,
- exchange of information between the MS authorities, different MS and the EC.
- Pilot of the ECDB foreseen end of 2019
- EC module going into production end 2020.
- MSs need to prepare their registries/interfaces by 2022 to be able to issue European Qualification Certificates
- **Core of the future integrated Electronic Inlandwaterway Transport system (eIWT)**





Thank you for your attention!

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