



**The European Union's TEN-T programme
supporting ...**

IRIS Europe II – Implementation of River Information Services in Europe



**This project is co-funded by the European
Commission / DG-TREN / TEN-T**



**A project implemented by
the IRIS Europe Consortium**



Experiences and developments resulting from the project IRIS Europe II

Project Management Team
Final Event
01.12.2011, Duisburg



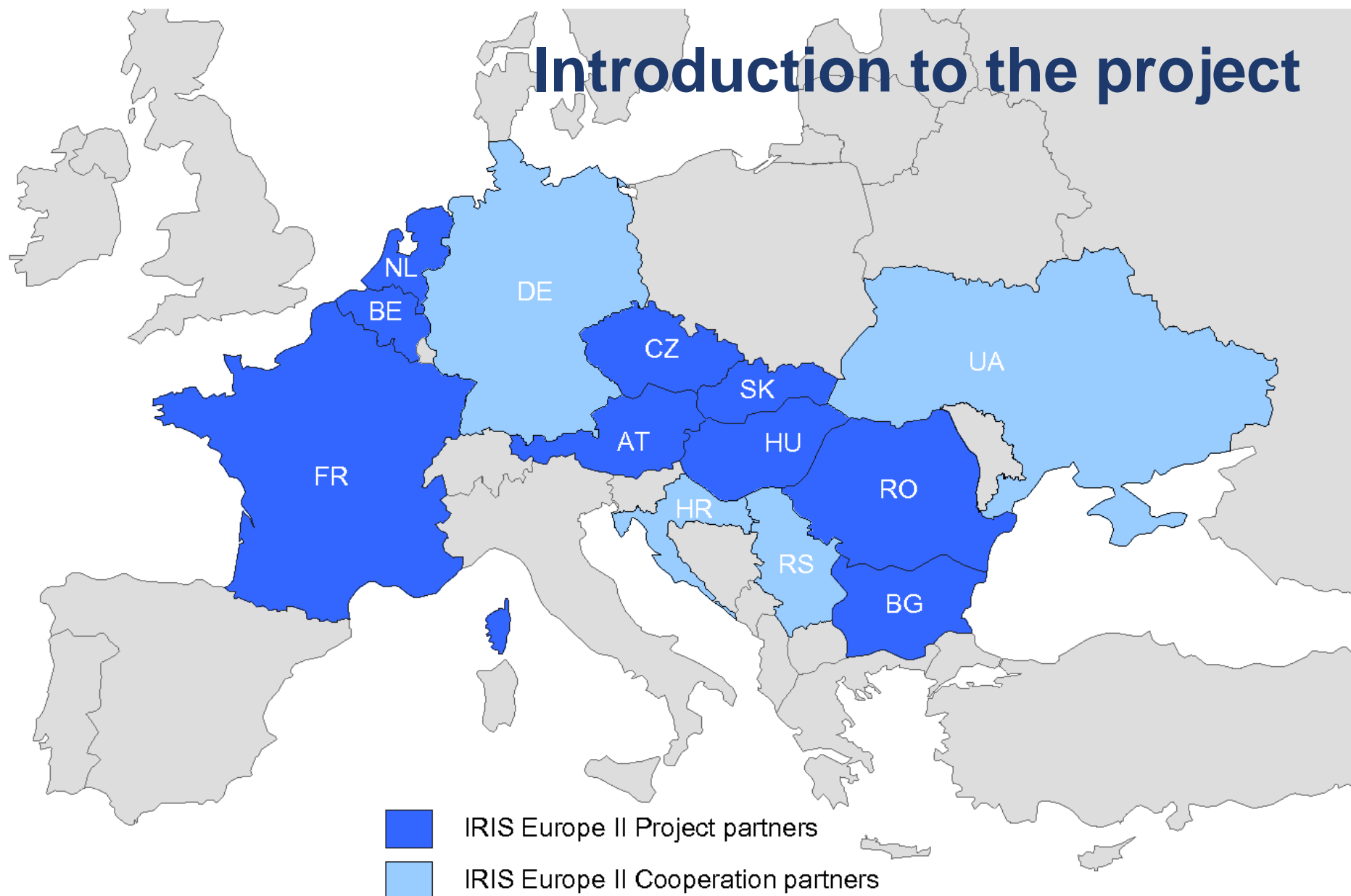
Implementation of
River Information Services in Europe

Agenda

- **Introduction** – facts and figures
- **Developments** – key results
- **Summary & Outlook**



Introduction to the project



Objectives – IRIS Europe II

Motivation:

- **Support** RIS providers, traffic and waterway authorities in **enhancing** their **RIS Services**, including the provision of interfaces especially for **logistical RIS Users**.

Duration: 01/2009 – 12/2011

Objectives:

- Common definition and adaptation of RIS standards within RIS Expert groups, based on pilot implementation experience
- Evaluation of new RIS technologies
- Demonstration and evaluation of additional RIS services
- Further elaboration and implementation of measures for cross-border exchange of RIS data
- Definition of requirements for operation of RIS in order to guarantee Quality of Information Services to all RIS users

Thematic Areas / Activities

Activity 1: Pilot implementation of selected Fairway Information Services

Activity 2: Pilot implementation Traffic and Transport Related RIS Services

Activity 3: International RIS data exchange

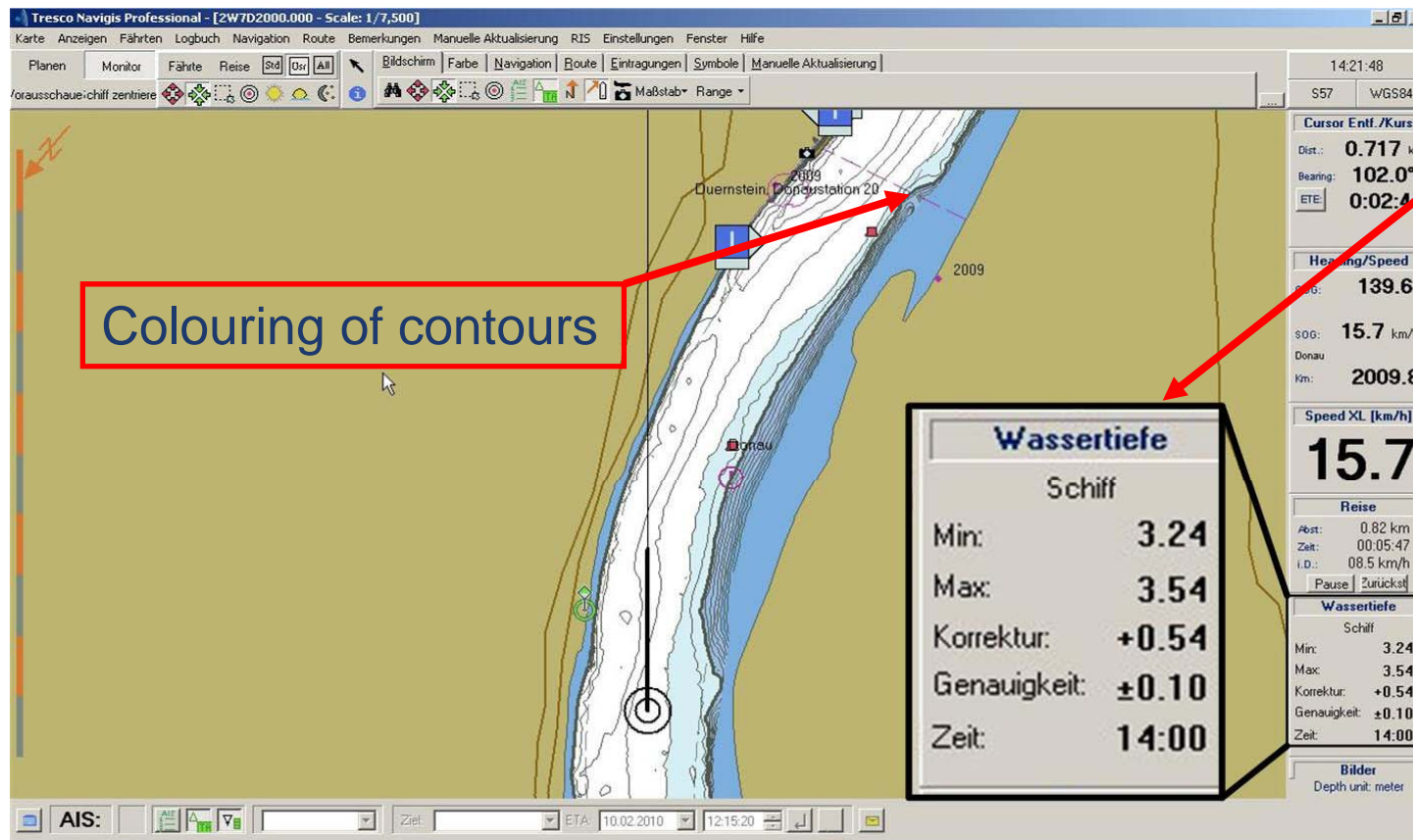
Activity 4: Quality requirements for RIS

Activity 5: Project Management

Development – key results

Fairway Information Services

- Depth data and water level models



Development – key results

Fairway Information Services

- Notices to Skippers

DRIS Nachrichten für die Binnenschifffahrt

Email: Passwort: Anmelden

Registrierung & Mail Service: Passwort vergessen:

(Deutsch) (Engl.)

Suche nach Wasserstraßen- und verkehrsbezogenen Nachrichten

Wasserstraßenabschnitt: Bereich von: Bereich bis: Stromkilometer von: Stromkilometer bis: Gültig von: Gültig bis: Nummer (der Nachschicht):

Suchen Zurücksetzen

Identifikation	Wasserstraßenabschnitt	Herausgabe	Gültig von	Gültig bis	Info	Info	Info
142 / 90 / 2011, Nachricht: Statistik-meldungen	Donau	12.10.2011	13.10.2011	31.12.2011	<input type="button"/>	<input type="button"/>	<input type="button"/>
141 / 90 / 2011, Nachricht: Ende der Benachteiligung mobiler Transporter	Donau	12.10.2011	12.10.2011	31.12.2011	<input type="button"/>	<input type="button"/>	<input type="button"/>
140 / 90 / 2011, Melodie Sperrung: Revision der linken Kammer der Schleuse Aschaff	Donau	12.10.2011	31.10.2011	30.09.2012	<input type="button"/>	<input type="button"/>	<input type="button"/>
139 / 90 / 2011, Melodie Sperrung: Sperrung der rechten Schleusenkammer Main - Konstantin	Donau	11.10.2011	09.11.2011	29.03.2012	<input type="button"/>	<input type="button"/>	<input type="button"/>
138 / 90 / 2011, Melodie Sperrung: Sanierungsarbeiten beim Kraftwerk Wöllersheim	Donau	11.10.2011	02.11.2011	02.08.2012	<input type="button"/>	<input type="button"/>	<input type="button"/>
136 / 90 / 2011, Baggerarbeiten: Renaturierungsarbeiten Rastbach	Donau	11.10.2011	17.10.2011	20.12.2011	<input type="button"/>	<input type="button"/>	<input type="button"/>
135 / 90 / 2011, Baggerarbeiten: Baggerarbeiten im Bereich Rastbach	Donau	07.10.2011	10.10.2011	29.09.2011	<input type="button"/>	<input type="button"/>	<input type="button"/>
134 / 90 / 2011, Baggerarbeiten: Baggerarbeiten im Bereich Rastbach	Donau	04.10.2011	26.09.2011	25.09.2011	<input type="button"/>	<input type="button"/>	<input type="button"/>
133 / 90 / 2011, Baggerarbeiten: Hafen Freudenau, Verlängerung	Donau	03.10.2011	06.09.2011	18.11.2011	<input type="button"/>	<input type="button"/>	<input type="button"/>
132 / 90 / 2011, Baggerarbeiten: Baggerarbeiten im Mündungsbereich Große Tula	Donau	30.09.2011	03.10.2011	20.12.2011	<input type="button"/>	<input type="button"/>	<input type="button"/>
131 / 90 / 2011, Nachricht: Kostenlose Abgabe von Problemstoffen	Donau	29.09.2011	03.10.2011	20.12.2011	<input type="button"/>	<input type="button"/>	<input type="button"/>
130 / 90 / 2011, Baggerarbeiten: Einfahrtbereich Winterhafen Unt	Donau	27.09.2011	10.10.2011	31.12.2011	<input type="button"/>	<input type="button"/>	<input type="button"/>
129 / 90 / 2011, Baggerarbeiten: Oberwasser der Schleuse Offenbach, Verlängerung	Donau	27.09.2011	10.10.2011	31.12.2011	<input type="button"/>	<input type="button"/>	<input type="button"/>
128 / 90 / 2011, Baggerarbeiten: Bereich Str. km 210,3-210,4	Donau	22.09.2011	22.09.2011	31.12.2011	<input type="button"/>	<input type="button"/>	<input type="button"/>
127 / 90 / 2011, Baggerarbeiten: Oberwasser und Unterwasser der Schleuse Offenbach	Donau	21.09.2011	26.09.2011	14.10.2011	<input type="button"/>	<input type="button"/>	<input type="button"/>

28 Einträge 1-10 von 28

RISNTS **viadonau** **bm**

Kartenübersicht: 12.10.2011 - 19.10.2011

Fahrtwegsmittlung Dringende Fahrtwegsmittlung Eismittlung Wasserstandsbericht Wetterbericht

Übersicht Mitteilungen an die Binnenschifffahrt: 12.10.2011 - 19.10.2011

Typ: ☒ Fahrtwegsmittlung ☒ Dringende Fahrtwegsmittlung ☒ Eismittlung ☒ Wasserstandsbericht ☒ Wetterbericht

Von: 12.10.2011 Bis: 19.10.2011 Kunstbau:

Suchen | aktuelle Mitteilungen

Texttabelle

NIS nr.	Titel	Von	Bis
2011/0663/01	Nachricht aufgehoben - Ringvaart om Gent, Sluis 2 te Evergem (Evergem) Ringvaart om Gent, Sluis 2 te Evergem (Evergem)	17.09.2011	12.10.2011
2011/0663/01	Nachricht - Zuid-Willemsvaart, Zuid-Willemsvaart km 3.3 (Lanaken) Zuid-Willemsvaart, Zuid-Willemsvaart km 42.2 (Bocht)	10.10.2011	14.10.2011
2011/0113/00	Nachricht - Schelde-Rijnverbinding, Brug Zandvliet Noordlandbrug (Zandvliet) Schelde-Rijnverbinding, Schelde-Rijnverbinding km 5.0 (Zandvliet) 2011/0113/00	05.10.2011	20.10.2011
2011/0695/00	Betrieb geändert - Kanaal Gent-Terneuzen, Wiedaerbrug (spoorbrug) (Gent) 2011/0695/00	07.10.2011	
2011/0692/00	Warnung - Zeekanaal Brussel-Schelde, Sluis Zernst (Zernst) Zeekanaal Brussel-Schelde, Jan Bogaerts spoorbrug (Kapelle-op-den-Bos) 2011/0692/00	11.10.2011	12.10.2011
2011/0688/00	Warnung - Grensele, Grensele km 8.8 (Wervik) Grensele, Nieuwe Sluisdijk te Heren (Heren) 2011/0688/00	17.10.2011	18.10.2011

PannonRIS Nemzeti Közlekedési Hatóság

A magyarországi RIS üzemeltetője az RSOE - Budapest
Tel.: +36-1/469-4164, Fax: +36-1/469-4167
Mobli: +36-20/722-7763, VHF 16-22

Regisztrált felhasználók:

Felhasználónév:
Jelszó:
Belép

Regisztráció: HU | EN | DE

Főoldal Tájékoztatók Hajókhívtó Hajóknak szóló információk Törvények

Vizállások

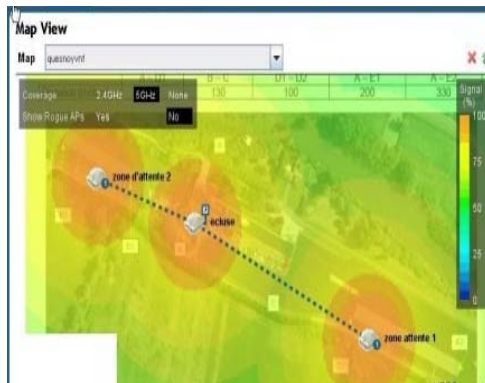
Vizmérce Nagybjacs

Dátum	Vizállás
2011.10.05 07:00	45.0
2011.10.04 19:00	43.0
2011.10.04 07:00	60.0
2011.10.03 19:00	46.0
2011.10.03 07:00	75.0
2011.10.02 19:00	83.0
2011.10.02 07:00	89.0
2011.10.01 19:00	96.0

Development – key results

Fairway Information Services

- Wireless RIS services (cooperation with NEWADA)



Development – key results

Fairway Information Services

- National reference data management systems

The screenshot displays the RISNTS web application interface. On the left, a sidebar shows a map and a database icon labeled 'IENC data base'. The main content area is titled 'RIS Index' and features a list of countries with their corresponding RIS index files. The countries listed are Austria, Belgium, Czech_Rep, France_locks, Germany, Hungary, Netherlands, Romania, and Slovakia. Each country entry includes a preview image, the attachment name, and the file size. The interface also includes a navigation menu with options like HOME, BACKGROUND, NEWS, EVENTS, PROJECTS, SERVICES, EXPERT GROUPS, FORUM, and LIBRARY. The LIBRARY section is expanded, showing a list of documents and a table of available downloads.

Preview	Attachment	Size
	Austria	840.93 KB
	Belgium	303.79 KB
	Czech_Rep	784.89 KB
	France_locks	4.45 MB
	Germany	433.17 KB
	Hungary	813.3 KB
	Netherlands	3.53 MB
	Romania	652.5 KB
	Slovakia	588.5 KB

Available downloads:

- Ris index roumania
- XLS: 852.5 KB
- Ris index slovakia
- XLS: 589 KB
- Template reference documentation
- ZIP: 773.49 KB
- Risindex austria
- ZIP: 840.93 KB
- Risindex belgium
- ZIP: 303.79 KB
- Risindex czechrepublic
- ZIP: 784.89 KB
- Ris index france
- XLS: 4.45 MB
- Ris index germany
- ZIP: 433.17 KB
- Ris index netherlands
- ZIP: 3.53 MB
- Ris index hungary
- ZIP: 813.3 KB

Development – key results

Traffic and Transport Related RIS Services

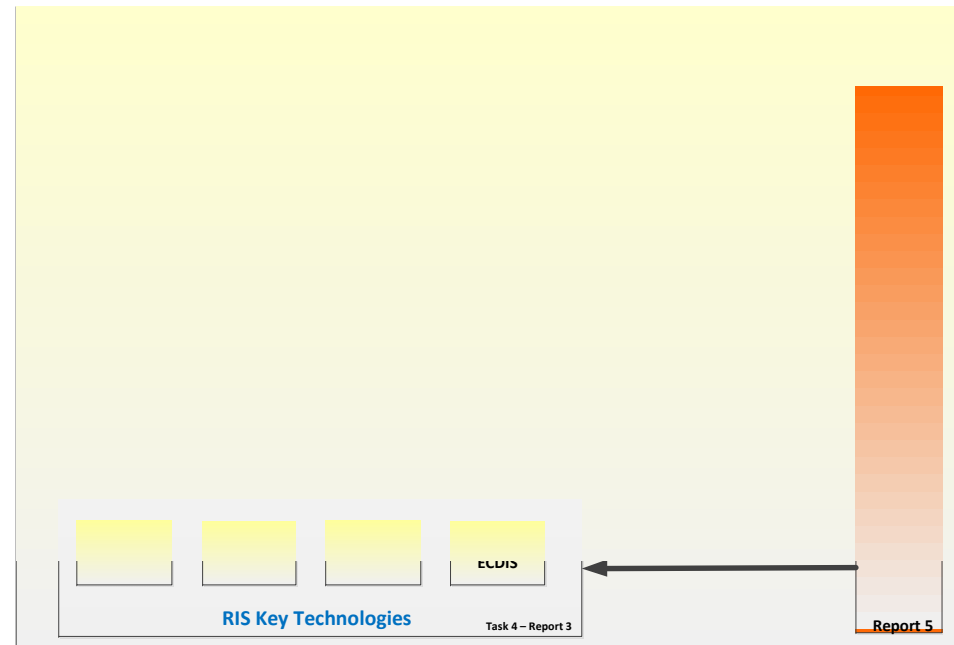
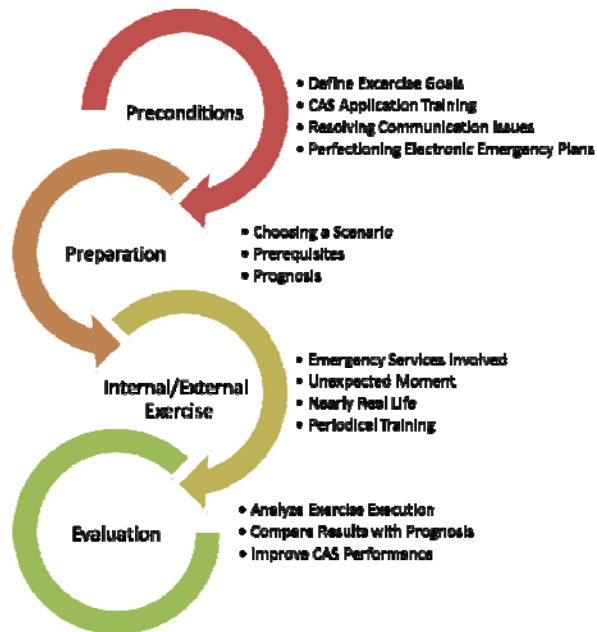
- Evaluation of heading devices
- Pilot infrastructures on-shore
- Pilot infrastructure on-board



Development – key results

Traffic and Transport Related RIS Services

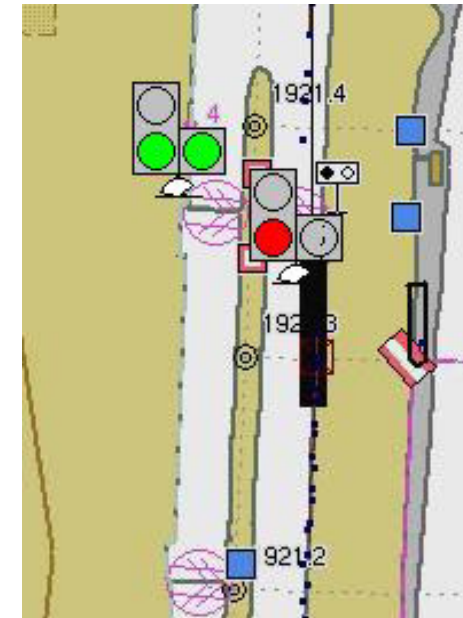
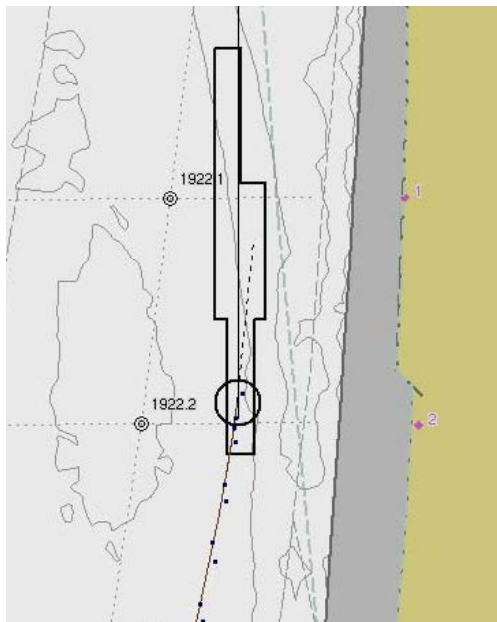
- Calamity Abatement Support



Development – key results

Traffic and Transport Related RIS Services

- Test and evaluation of additional traffic information via Inland AIS messages (convoy information, calamity information, signal status)



Development – key results

Traffic and Transport Related RIS Services

- Electronic reporting (according to 164/2010/EU regulation)
- Single Sign On

The screenshots illustrate the RIS system's data entry capabilities for vessels, cargo, and passengers.

Convey & Cargo Edit

Vessel name	Vessel Id	Length [m]	Width [m]	Draught [m]	Max. Tonnage [t]	Height [m]	Shiptype
ATVESSEL04	ENI90200004	400	400	400	400	0	8440

Buttons: Add Vessel, Edit Vessel, Remove Vessel

Form fields: Total length [m] (*), Max. Draught [m] (*), Total width [m] (*), Convoy type (*), Maximum tonnage (*)

Loading	Discharge	Class	Number	Cargo Name	Weight [t]
LINZ COMMERCIAL P: LAG FRIESACHER	KREMS: HAFEN KREMS WIENCONT TERMINAL	ADLR/IMO	1006	ARGON, COMPRESSED	1234

Buttons: Add Simplified Cargo, Details, Remove Cargo

Crewlist - VERTREK

Scheppe informatie: Schipnaam: PAKTEST, Nr. Callign: 03999998, Nationaliteit: NEDERLAND

Route informatie: Herkomst: KOBLENZ AM RHEIN, Bestemming: NIMEGEN, 10-05-2011, 10-05-2011, Crew: 10, Pax: 23, Extra Onvangers: 0

Nr	Achternaam	Voornaam	Prefix	Nationaliteit	Geboortedatum	Geboorteplaats	Soort ID	Numeri Identiteit	Woonadres
1	Scherpeier	Linda		NEDERLAND	18-05-1978	Aalst	Ridewiss	1234	
2	Dudenes	Peter		NEDERLAND	28-01-1971	Rotterdam	Ridewiss	RDM100234	
3	Bubberman	Bart		SURINAME	29-06-1961	Paramaribo	Zeevaarboek	ZEE22023	

Personen bericht details (FAL 5.6)

Nr.: 20044, Verwerkingsdatum: 10-05-2011 15:55, Berichttype: PAVLST, D: 05AUNER10, Aangemaakt: 10-05-2011 15:54, Bericht-id: SVC11051015541, File: 2011051015551.in

Zender: 300015288, Ontvanger: 111111112, Reisin: SVC25, Schip: PAKTEST, Tonnage: 0, Herkomst: KOBLENZ AM RHEIN, Bestemming: NIMEGEN

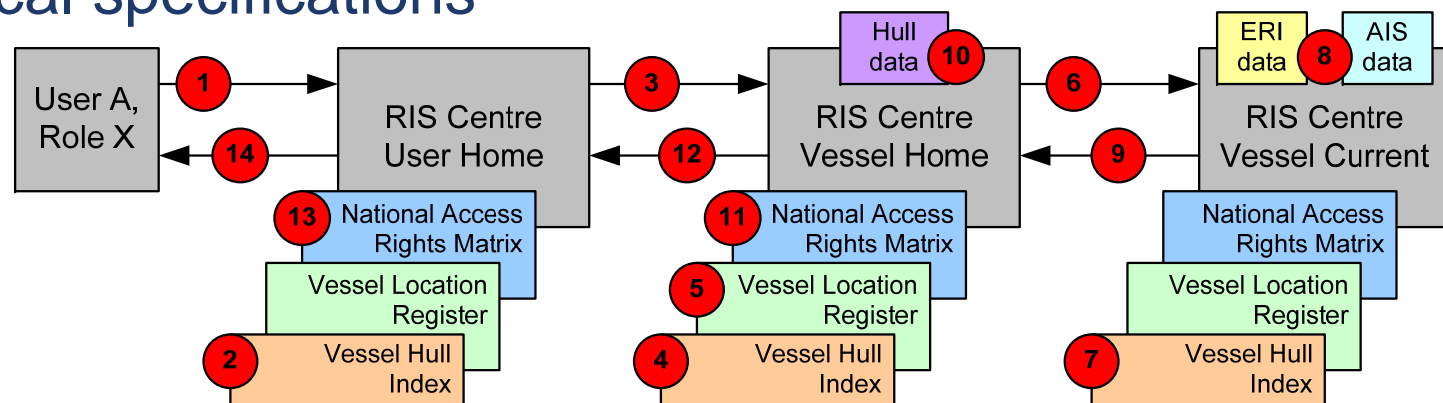
Doc nr: SVC1105101554122, Doc. Rel: PASSENGER LIST, Transp.doc/CRNr.: 10-5-2011 (ETD), Aank. tijd: 10-5-2011 (ETD), Route: 10-5-2011 (ETD)

Type	Achternaam	Voornaam	Prefix	Nationaliteit	Rang	Geb. t
Passager	SCHERPEIER	LINDA		NL		
Passager	DUDENES	PETER		NL		
Passager	BUBBERMAN	BART		SR		

Development – key results

Pilot implementation of RIS data exchange

- Advanced services for international data exchange for governmental and logistics stakeholders (close cooperation with RISING)
- Legal provisions for international RIS data exchange
- Maintenance and further development of functional and technical specifications



Development – key results

Quality of Information Services for RIS

- QoIS for Electronic Reporting
- QoIS for Notices to Skippers
- QoIS for RIS Index
- QoIS for Vessel Tracking and Tracing



Summary & Outlook (1/2)

- The joint initiative to harmonize and develop RIS services has led to a success
- The network of RIS experts is stable (RIS Expert Groups)
- IRIS Europe II is / was a project of national priorities managed on international level
- Tangible results are on the table of RIS stakeholders (governmental & private users)
- Co-ordinated further work is of utmost importance



Summary & Outlook (2/2)

- IRIS Europe 3 proposal
 - Ensuring interoperability of RIS systems
 - Co-ordinated approach towards international data exchange
 - Interconnections with the European Services
- Cooperation with the non IRIS Europe 3 beneficiaries is established through cooperation agreements
- The cooperation agreements also ensure a consolidation and cooperation with parallel TEN-T initiatives (e.g. Vessel Traffic Management Centres of the Future)



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