



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

IRIS Europe II – Implementation of River Information Services in Europe



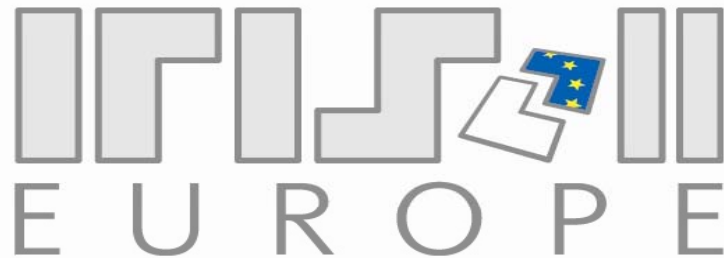
This project is co-funded by the European
Commission / DG-MOVE / TEN-T



A project implemented by
the IRIS Europe Consortium

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Agenda



***Tactical Monitoring of the Transport—
Experiences and developments
resulting from the project
IRIS Europe II***

Jos van Splunder on behalf of the PMT
RISING – IRIS Europe II Final Event
01.12.2011, Duisburg



- *Introduction*
- *Developments – key results*





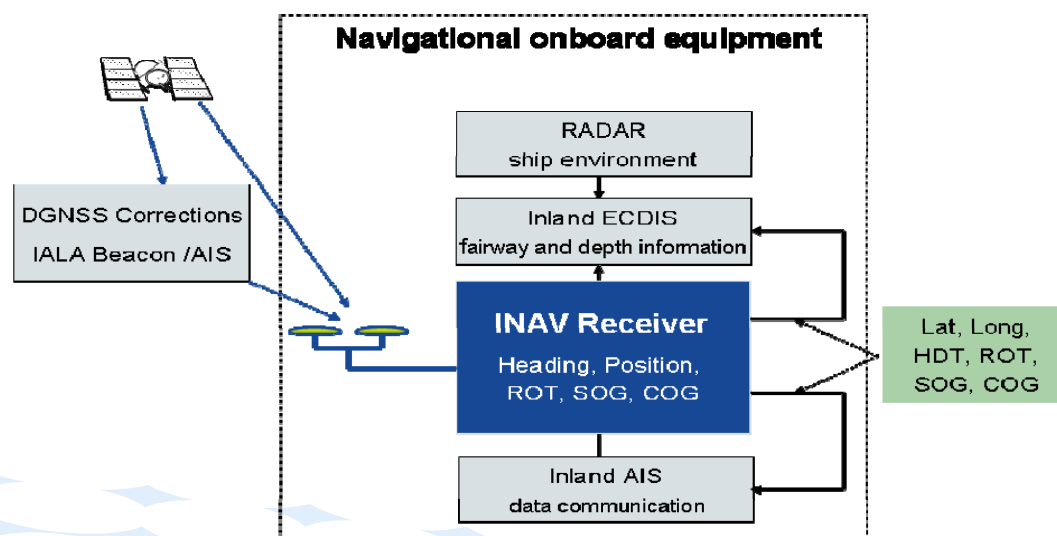
Introduction

- The IRIS Europe II perspective: pilot implementation of Traffic-related RIS Services for the enhancement of safety and security of inland navigation.
- Results relevant to Demonstration case: „Tactical Monitoring of the Transport”:
 - *Traffic and Transport Related RIS Services*
 - *Electronic Reporting*



Heading Information

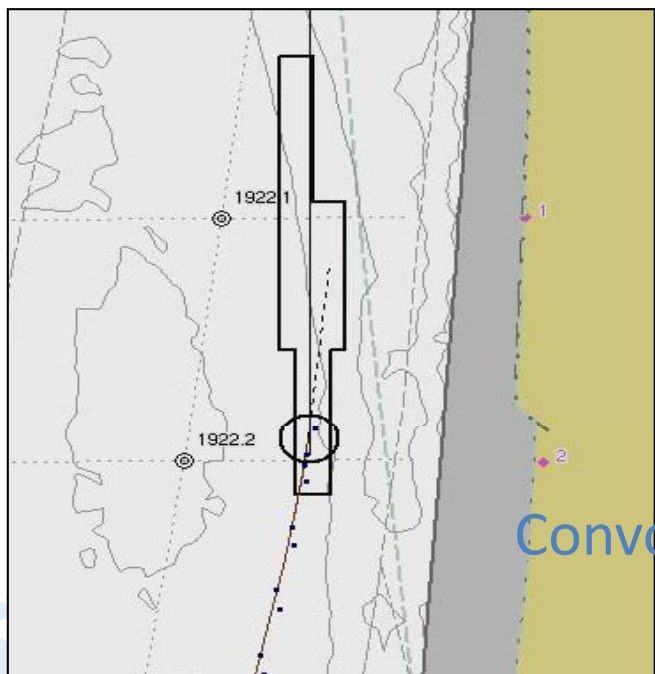
Investigation of already existing requirements towards heading and rate-of-turn information within Inland navigation







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Enhanced AIS messages

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

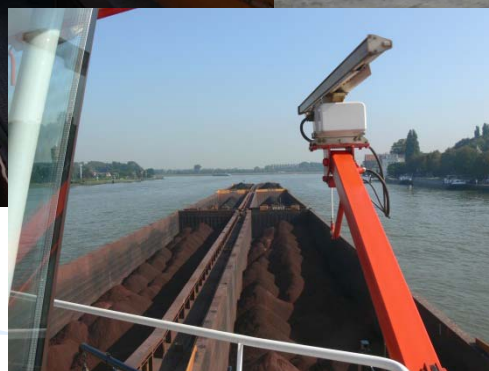
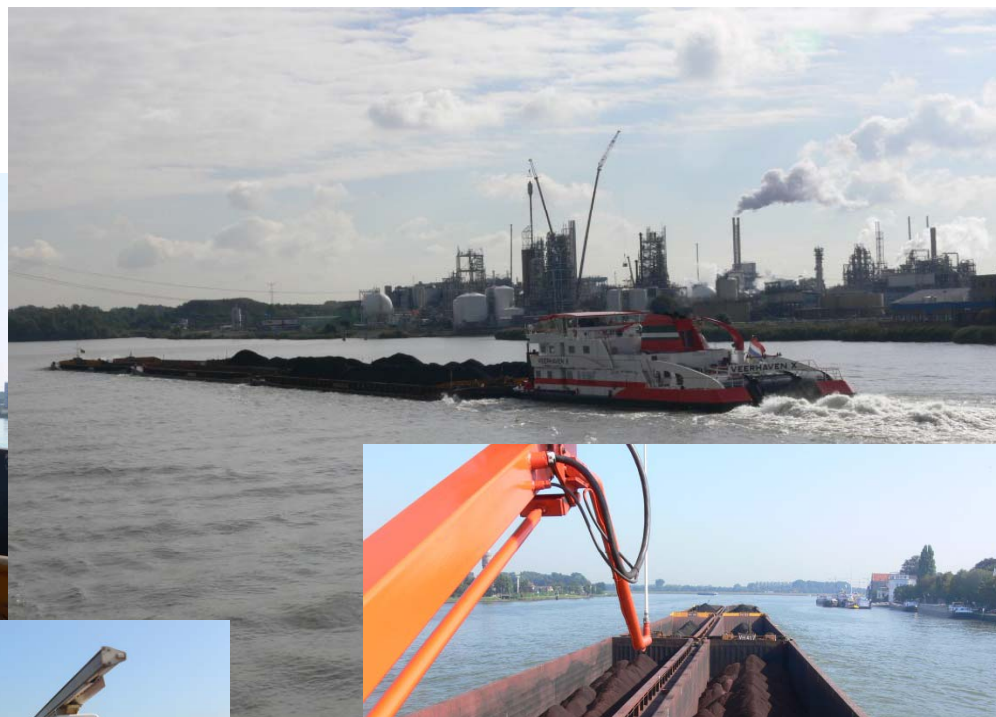


	ENI: 1022/000009 100.0m × 11.0m 	ENI: 1022/000021 100.0m × 11.0m 
	ENI: 1022/000020 100.0m × 11.0m 	

Convoy display on shore
(web interface)

Convoy display on ECDIS

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RI Sing
Rust Information Gateway for Transport & Logistics

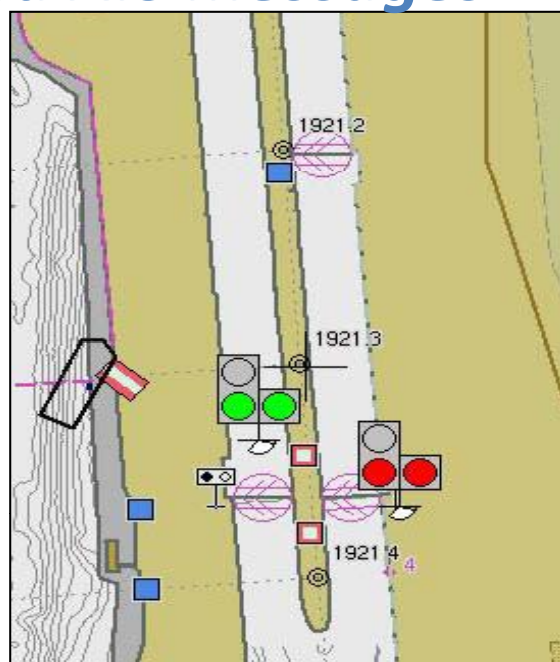


EUROPE

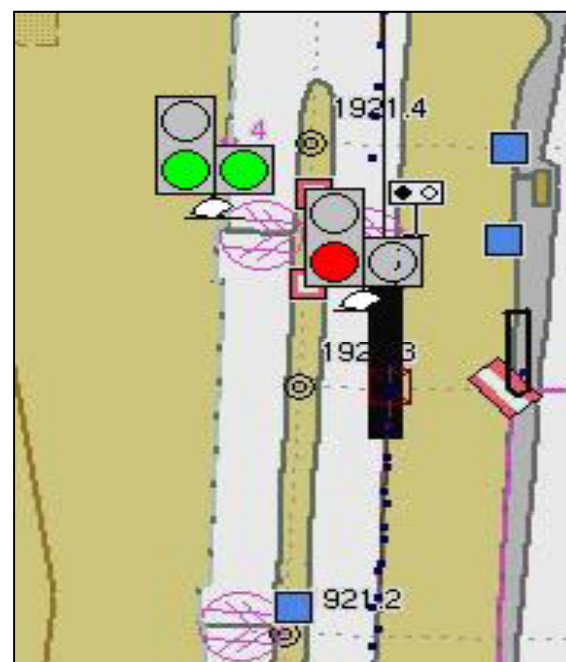


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Enhanced AIS messages



Entrance lights lock
Freudenau downstream

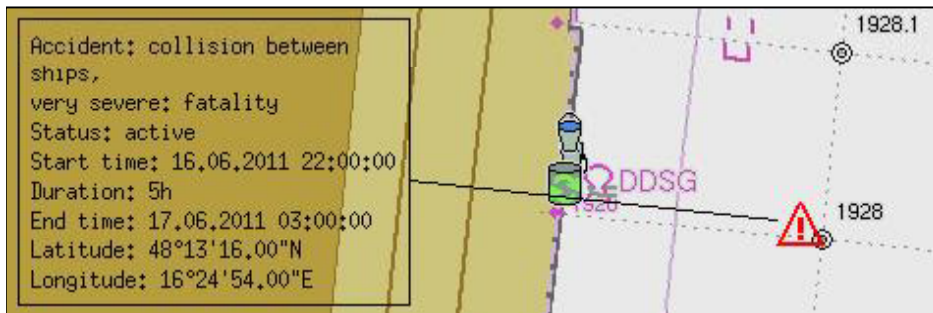
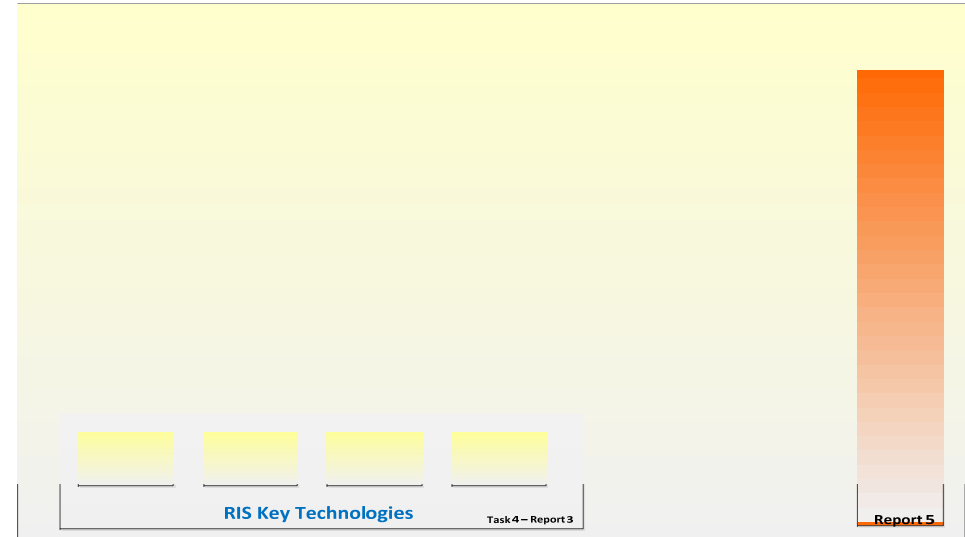


Entrance lights lock
Freudenau upstream

Development – key results

Calamity Abatement Support

- Exchange of information with the network partners
- Provide adequate information to the users of the Inland waterways



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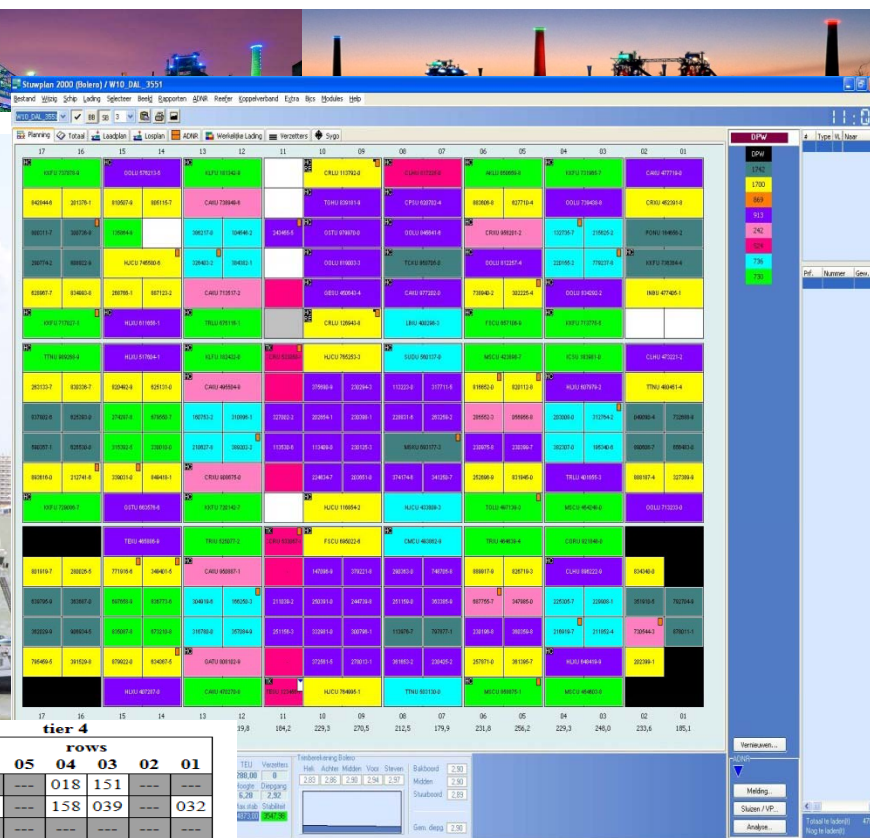


tier 1					
bays	06	05	rows	04	03 02 01
001	---	---	080	124	---
002	---	---	083	082	---
003	---	---	085	---	---
004	---	---	026	028	---
005	---	---	---	---	---
006	---	054	109	107	159
007	055	---	---	---	076
008	137	---	---	---	132
009	027	---	---	---	088
010	086	157	---	---	147 089
011	---	087	139	017	149
012	---	074	---	129	042
013	063	130	110	111	131 001
014	---	035	---	---	126
015	---	---	---	---	---
016	---	066	---	---	171
017	---	079	069	103	012

tier 2					
bays	06	05	rows	04	03 02 01
001	---	---	127	097	---
002	---	---	084	092	---
003	---	---	---	---	---
004	---	---	---	---	---
005	---	---	038	029	---
006	---	162	113	112	098
007	138	---	---	---	133
008	136	---	---	---	141
009	---	---	---	---	---
010	---	093	---	---	011
011	---	---	104	081	---
012	---	---	105	058	---
013	005	140	108	016	142 006
014	---	096	---	---	---
015	---	094	---	---	044
016	122	161	---	---	064 101
017	---	056	047	099	150

tier 3					
bays	06	05	rows	04	03 02 01
001	---	---	009	057	---
002	---	021	061	013	146
003	---	---	---	031	---
004	118	091	---	---	100 114
005	---	---	034	040	---
006	037	050	075	073	156 010
007	---	---	---	---	---
008	144	---	135	134	051
009	---	---	---	---	---
010	148	070	170	068	071 014
011	---	---	003	164	---
012	095	---	008	043	090
013	049	060	059	036	002 052
014	---	---	---	---	---
015	---	019	115	---	022
016	---	072	---	---	030
017	143	004	024	025	163 106

tier 4					
bays	06	05	rows	04	03 02 01
001	---	---	018	151	---
002	121	---	158	039	032
003	---	---	---	---	---
004	119	---	023	078	117
005	---	---	---	---	---
006	---	102	128	048	053
007	---	---	---	---	---
008	---	---	120	116	---
009	---	---	---	---	---
010	---	153	166	167	123 033
011	---	---	---	---	---
012	---	160	046	045	145
013	067	007	152	062	015 065
014	---	---	---	---	---
015	041	125	165	---	154 020
016	---	---	---	---	---
017	---	169	077	168	155



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Electronic Reporting according to 164/2010/EU regulation

Crewlist - VERTREK

Scheeps Informatie
 Schipnaam : PAXTEST
 Nr. Callsign : 03999998
 Nationaliteit : NEDERLAND

Route Informatie
 Herkomst : KOBLENZ AM RHEIN
 Bestemming : NIJMEGEN
 10-05-2011
 10-05-2011
 Crew: 18 Pax: 23
 Extra Onkavangers: 0

Bemanningslijst			Passagierslijst			Verstekelingenlijst			
Nr	Achternaam	Voornaam	Prefix	Nationaliteit	Geboortedatum	Geboorteplaats	Soort ID	Nummer Identiteit	Woonadres
1	Scherpbier	Linda		NEDERLAND	18-05-1978	Katwijk	Rijbewijs	1234	
2	Oudenes	Peter		NEDERLAND	23-01-1971	Rotterdam	Rijbewijs	RD109234	
3	Bubbeman	Bart		SURINAME	29-06-1961	Paramaribo	Zeevaartboek	ZEE23823	

Edit

Main **Convoy & Cargo** Recipients

Convoy

Vessel name	Vessel Id	Length [m]	Width [m]	Draught [m]	Max. Tonnage [t]	Height [m]	Shiptype
ATVESSEL04	EN190200004	400	400	400	400	0	8440

Add Vessel Edit Vessel Remove Vessel

Total length [m] (*) 400 Max. Draught [m] (*) 400
 Total width [m] (*) 400 Convoy type (*) MOTOR FREIGHTER, TU
 Maximum tonnage (*) 400

Consignments

Vessel name	Loading	Discharge	Class	Number	Cargo Name	Weight [t]
ATVESSEL04	LINZ COMMERCIAL P:LAG FRIESACHER	KREMS:HAFEN KREMS WIENCONT TERMINAL	ADLR/IMO	1006	ARGON, COMPRESSED	1234

Add Cargo Add Simplified Cargo Details Remove Cargo

Number of blue cones (*) 1

Container Matrix

Load: 20Ft: 0 30Ft: 0 40Ft: 0
 Empty: 20Ft: 0 30Ft: 0 40Ft: 0

Save and publish Save without publish Close without saving

(*) Mandatory field

Bericht details - personen - MR_App

Menu's Start Invoegtoepassingen

Alles Bestand Bewerken Beeld Invoegen Extra Venster Help

Werkbalk

Personen bericht details (FAL 5.6)

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

Zender: 900015288 Ontvanger: 111111112
 Reins: SVC25 Doc nr: SVC1105101554122 Interchange-id: SVC11051015541
 Schip: PAXTEST Schipnr: 03999998 Doc naam: PASSENGER LIST
 Tonnage: 0 Nationaliteit: NEDERLAND Transp.doc/ CRNr.: Doc Ref: Code: 745
 Herkomst: KOBLENZ AM RHEIN Vert. tijd: 10-5-2011 (ETD)
 Bestemming: NIJMEGEN Aank. tijd: Route: volgnr passagepuntnaam
 opmerkingen: 1 KOBLENZ AM RHEIN

Type	Achternaam	Voornamen	prefix	Nationaliteit	Rang	Geb.
Passager	SCHERPBIER	LINDA		NL		
Passager	DUDEENES	PETER		NL		
Passager	BUBBERMAN	BART		SR		

Record: 14 van 3 Geen filter Zoeken

Rising

1

EUROPE

EUROPE

EUROPE

EUROPE

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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



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Jos van Splunder on behalf of the PMT

Rijkswaterstaat
jos.van.splunder@rws.nl

