

# Information services for skippers and fleet operators

**AFDJ Galați**

Common Issues Meeting, 5<sup>th</sup> of June 2019, Galați



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# Welcome to Galati!





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# River Information Services



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River Information Services (RIS) are information services designed to enhance safety and efficiency of inland waterway transport (IWT) by optimizing traffic and transport processes.

River Information Services on inland navigable waterway increase traffic safety and improve efficiency, performance and transport planning.

RIS key technologies provide the basis for a range of services, including services for a range of services, including information about the navigable waterway.





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# RIS Objectives



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- Enhance the efficiency of inland navigation - optimize the resource management of the waterborne transport chain by enabling information exchange between vessels, lock and bridges, terminals and ports.
- Better and more effective use of the inland waterway infrastructure - providing information on the status of fairways.
- Better integration of IWT into multimodal supply chains through accurate and timely information to support transport management.



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# RIS Services



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- Information on fairways to plan, execute and monitor voyages by boat masters and fleet managers:
- water levels,
- aids to navigation,
- fairway information

The information comprise geographical, hydro-meteo, and traffic related data;





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# Information for skippers



The River Administration of the Lower Danube provide to the skippers the following information:

- Water levels on the Danube
- Critical points on the Danube
- Notices to skippers
- Signalization information



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The information is provided to the end users on national and international websites and dedicated web portals.



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# Notice to skippers



GALATI LOWER DANUBE RIVER ADMINISTRATION, A.A.



Avize catre navigatori



Harta Site  
Utilizator anonim

Prima pagina    Prezentare RIS    Informatii    Cale navigabila    Servicii sistem    Link-uri    Contacte

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Activ	230368	1039	R.A. A.F.D.J. Giurgiu	R.A. A.F.D.J. Giurgiu	Calarasi	05.06.2019 08:57	Apa	05.06.2019	06.06.2019
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Activ	230365	1039	R.A. A.F.D.J. Giurgiu	R.A. A.F.D.J. Giurgiu	Zimnicea	05.06.2019 08:51	Apa	05.06.2019	06.06.2019
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NO. 69	13/05/2015
NO. 68	12/05/2015
NO. 67	11/05/2015
NO. 66	08/05/2015
NO. 65	06/05/2015
NO. 64	30/04/2015
NO. 63	



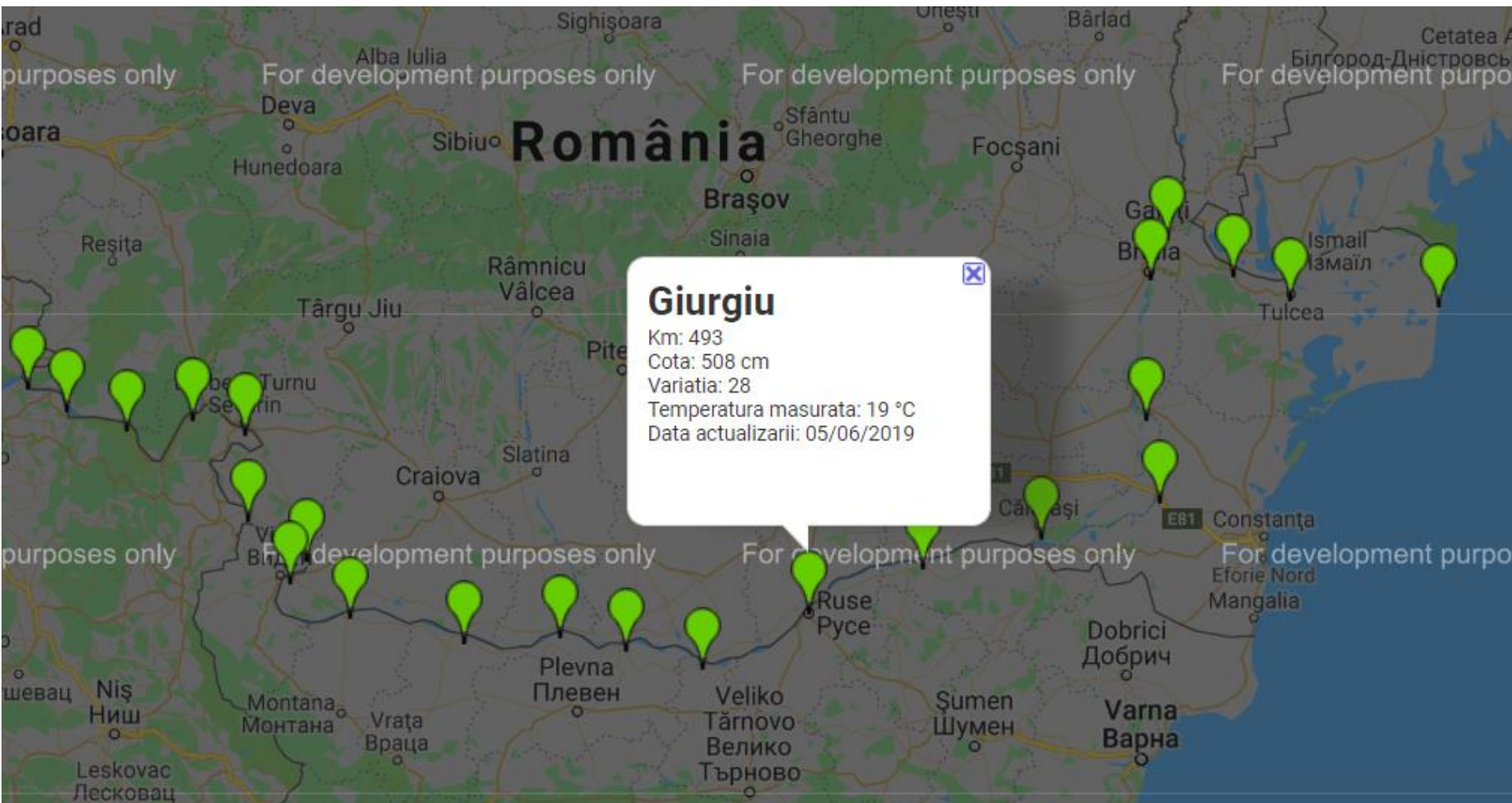
www.ris.eu

June 5, 19

8

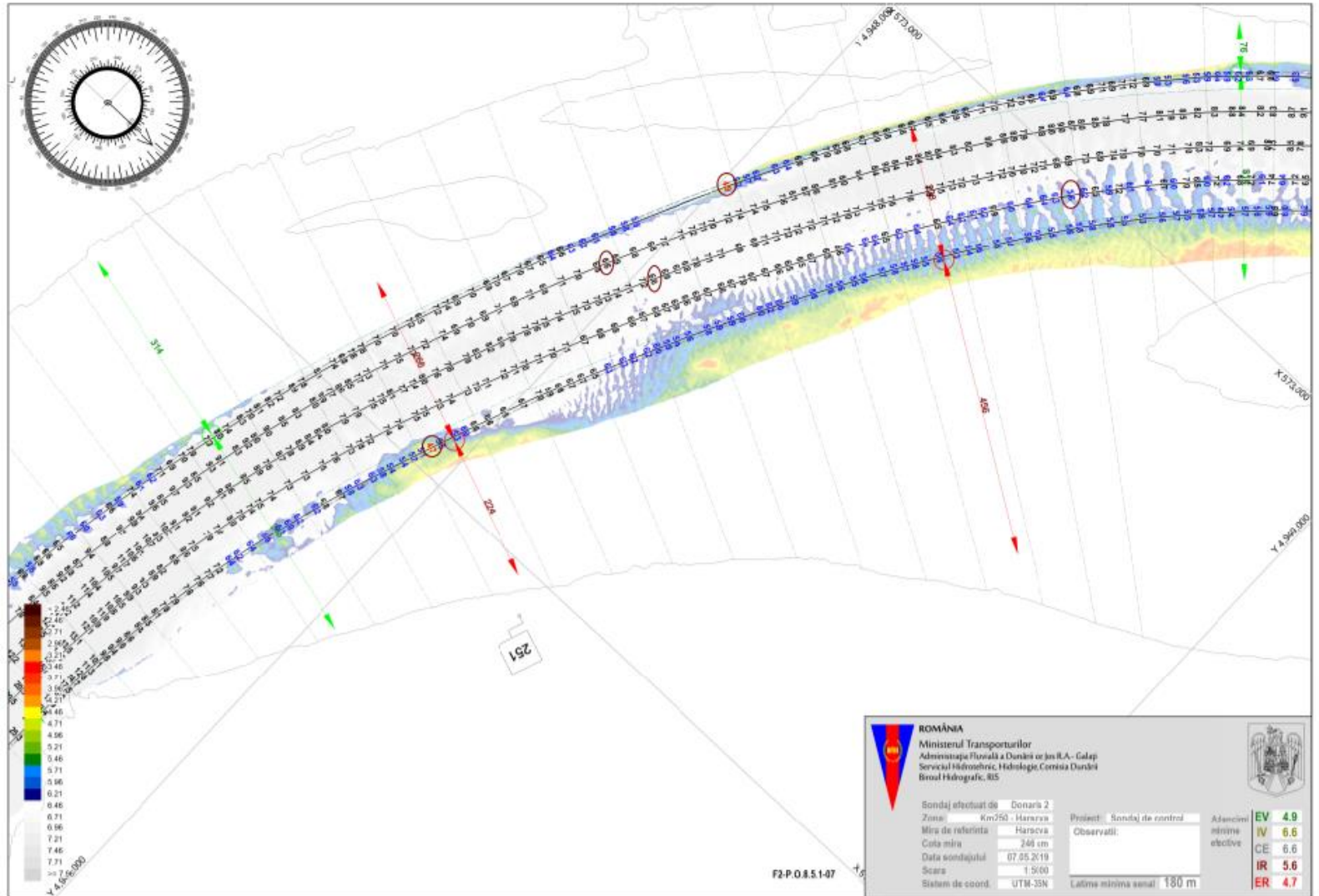
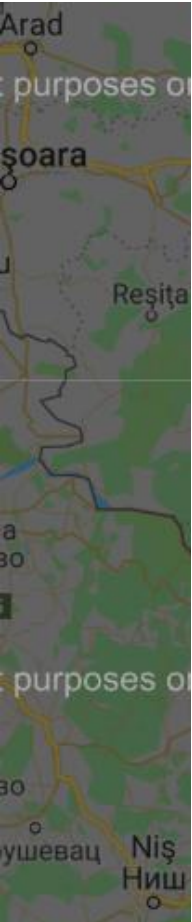


# Water levels



# Bottlenecks

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## GALATI LOWER DANUBE RIVER ADMINISTRATION, A.A.










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### SIGNALING

Floating signalling on the Danube Hm 99 - Km 1075

Actual position	Signal type	Distance from the right bank [m]	Distance from the left bank [m]	Depth[m]
-Hm 99+70				
-Hm 90+00				11
-Hm 90+00				11
-Hm 87+00				
-Hm 85+00				
-Hm 83+00				9
-Hm 83+00				8
Mm 0 -450		80	150	12
Mm 2+17		45	130	14





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# Danube FIS Portal



DANUBE FIS PORTAL



Water level



Bottleneck



Notices to Skippers



Ice



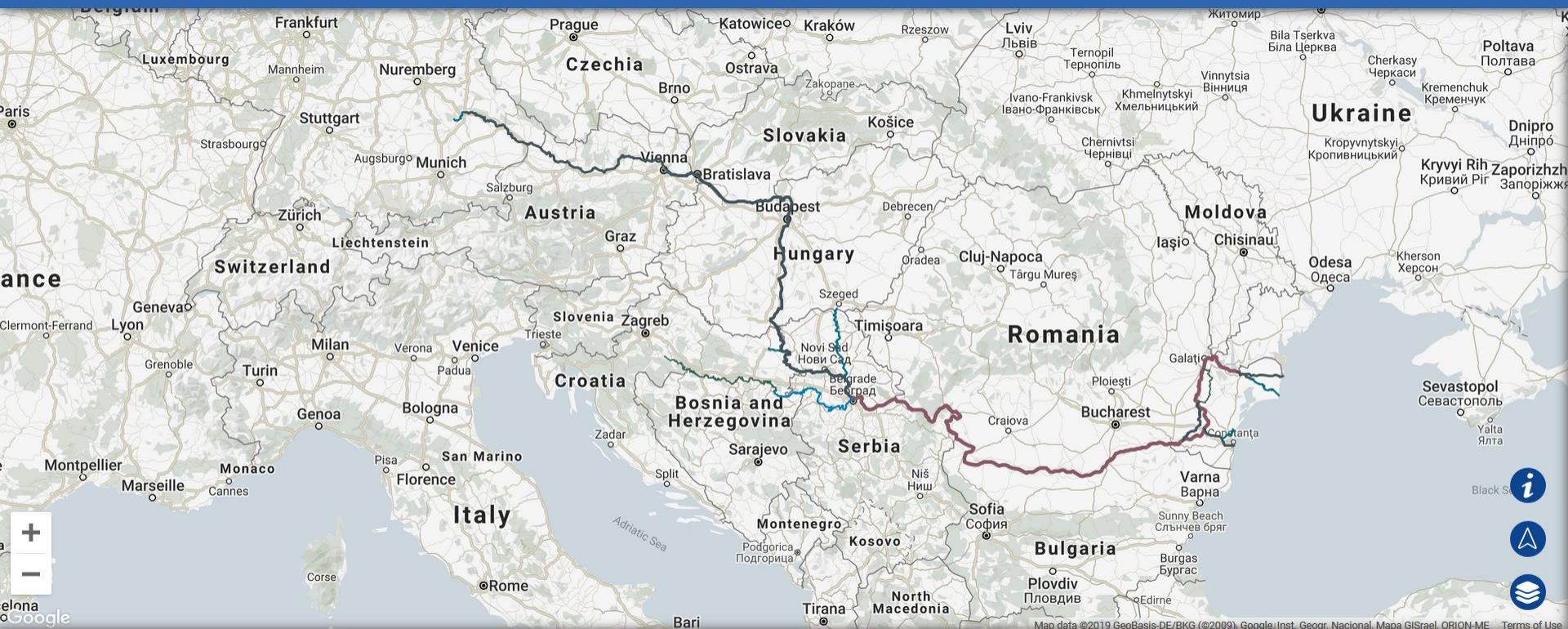
Waterway objects



Authorities



Charts



Contact



Disclaimer



Languages



Technical recommendation

version 0.9.6





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# D4D Portal



Layer

Base Layer

- ☐ D4D only
- ☐ D4D with Bing Road
- ☒ D4D with Bing Aerial
- ☐ D4D with Bing AerialWithLabels

Overlays

- ☐ Berths
- ☐ Berth occupation
- ☐ Ships on Mosel

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# Common Issues Meeting

Galati, Romania

Thank you for attention!



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