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Working Party on Inland Water Transport

Working Party on the Standardization of Technical and Safety Requirements in Inland Navigation

Fifty-sixth session

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Items 5 (b) and (c) of the provisional agenda

Inland waterways infrastructure:

Inventory of Main Standards and Parameters of the E Waterway Network (Blue Book);

Inventory of Most Important Bottlenecks and Missing Links in the E Waterway Network

(resolution No. 49, revision 2)

Critical sectors on Croatian sections of the Danube, the Sava and the Drava Rivers

Transmitted by Croatia

A. Critical sectors on the Croatian sections of the Danube

All sectors on the Danube given in table 1 below are critical with inadequate fairway parameters and are strategic bottlenecks.

Table 1

<i>Location / Length (km)</i>		<i>Length</i>	<i>Right bank /left bank</i>	<i>Name of sector / location</i>	<i>Characteristics of critical locations</i>
<i>River-km (from / to)</i>					
1,429.00	1,425.00	4.00	HR / RS	Batina / Bezdan	reduced fairway width at ENR ¹
1,424.20	1,414.40	9.80	HR / RS	Siga - Kazuk	reduced fairway width at ENR
1,408.20	1,400.00	8.20	HR / RS	Apatin	reduced depth, reduced fairway width at ENR, bank erosion

¹ Etiage Navigable et de Régularisation.

<i>Location / Length (km)</i>			<i>Right bank /left bank</i>	<i>Name of sector / location</i>	<i>Characteristics of critical locations</i>
<i>River-km (from / to)</i>	<i>Length</i>				
1,397.20	1,389.00	8.20	HR / RS	Židovski / Čivutski Rukavac	reduced depth, reduced fairway width at ENR, bank erosion
1,384.00	1,381.60	2.40	HR / RS	Drava confluence	reduced fairway width at ENR
1,381.40	1,378.20	3.20	HR / RS	Aljmaš	reduced fairway width at ENR
1,376.80	1,373.40	3.40	HR / RS	Staklar	reduced depth, reduced fairway width at ENR, bank erosion
1,371.40	1,366.40	5.00	HR / RS	Erdut	reduced fairway width at ENR
1,366.20	1,361.40	4.80	HR / RS	Bogojevo	reduced fairway width at ENR
1,357.00	1,351.00	6.00	HR / RS	Dalj	reduced fairway width at ENR
1,348.60	1,343.60	5.00	HR / RS	Borovo 1	reduced depth, reduced fairway width at ENR, bank erosion
1,340.60	1,338.00	2.60	HR / RS	Borovo 2	reduced fairway width at ENR
1,332.00	1,325.00	7.00	HR / RS	Vukovar	reduced depth, reduced fairway width at ENR, bank erosion, wide river bed
1,324.00	1,320.00	4.00	HR / RS	Sotin	reduced depth, reduced fairway width at ENR, right bank erosion
1,315.40	1,314.60	0.80	HR / RS	Opatovac	reduced fairway width at ENR
1,311.40	1,307.60	3.80	HR / RS	Mohovo	reduced depth, reduced fairway width at ENR, underwater rocky bottom
1,302.00	1,300.00	2.00	HR / RS	Ilok / Bačka Palanka	reduced fairway width at ENR

B. Critical sectors on the Croatian sections of the Sava

Critical sectors on the Croatian section of the Sava are given in table 2 below. According to the data of 2019, three sectors (between Brčko and the Croatian/Serbian border) are strategic bottlenecks, and the sections between Sisak and Brčko are basic bottlenecks.

Table 2

<i>Location / Length (km)</i>		<i>Length</i>	<i>Right bank /left bank</i>	<i>Name of sector / location</i>	<i>Characteristics of critical locations</i>
<i>River-km (from / to)</i>					
210,80	212,70	1,9	HR / BA	Račinovci	reduced depth, reduced fairway width at ENR
220,00	228,00	8	HR / BA	Gunja	reduced depth at ENR
310,00	311,30	1,3	HR / BA	Savulje Slavonski Šamac	reduced depth at ENR
322,00	329,00	7	HR / BA	Jaruge – Novi Grad	reduced depth, reduced fairway width at ENR
374,00	382,00	8	HR / BA	Migalovci	reduced depth, reduced fairway width at ENR
394,00	395,00	1	HR / BA	Grić	reduced depth at ENR
426,50	427,00	0,5	HR / BA	Davor Vrbas mouth	reduced depth at ENR
429,00	431,00	2	HR / BA	Davor Mlature	reduced depth at ENR
445,50	449,50	4	HR / BA	Dolina	reduced depth at ENR
451,00	452,00	1	HR / BA	Mačkovac	reduced depth at ENR
463,00	466,00	3	HR / BA	Stara Gadiška	reduced depth at ENR
523,00	528,00	5	HR / HR	Višnjica – Drenov Bok	reduced depth at ENR
540,80	542,30	1,5	HR / HR	Puska	reduced depth at ENR
549,20	550,20	1	HR / HR	Lonja 1	reduced depth at ENR
551,80	556,00	4,2	HR / HR	Lonja - Strmen	reduced depth, reduced fairway width at ENR
559,90	560,70	0,8	HR / HR	Bobovac	reduced depth at ENR
565,00	565,60	0,6	HR / HR	Kratečko	reduced depth at ENR
571,00	577,00	6	HR / HR	Gušće	reduced depth, reduced fairway width at ENR

<i>Location / Length (km)</i>		<i>Length</i>	<i>Right bank /left bank</i>	<i>Name of sector / location</i>	<i>Characteristics of critical locations</i>
<i>River-km (from / to)</i>					
580,00	582,00	2	HR / HR	Blinjski kut	reduced depth, reduced fairway width at ENR
587,00	588,10	1,1	HR / HR	Crnac	reduced depth at ENR

C. Critical sectors on the Croatian sections of the Drava

Critical sectors of the Drava are given in table 3 below. On the Drava section from 0 to 14 km, there are three critical sectors with inadequate fairway parameters which are basic bottlenecks.

Table 3

<i>Location / Length (km)</i>		<i>Length</i>	<i>Right bank /left bank</i>	<i>Name of sector / location</i>	<i>Characteristics of critical locations</i>
<i>River-km (from / to)</i>					
0.00	0.50	0.50	HR / HR	Drava mouth	reduced depth, reduced fairway width at ENR
2.80	3.20	0.40	HR / HR	2 nd to 3 rd	reduced depth at ENR
4.00	7.00	3.00	HR / HR	4 th to 7 th	reduced depth at ENR
8.00	12.00	4.00	HR / HR	8 th to 12 th	reduced depth at ENR