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

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Item 3 (b) of the provisional agenda

Inland waterways infrastructure: Inventory of Main Standards and Parameters of the E Waterway Network (Blue Book)

Amendments to the Inventory of Main Standards and Parameters of the E Waterway Network

Note by the secretariat

I. Mandate

1. This document is submitted in line with the Proposed Programme Budget for 2021, part V, Regional cooperation for development, section 20, Economic Development in Europe. Programme 17, Economic Development in Europe (A/75/6 (Sect.20), para. 20.51).
2. The present document contains amendment proposals to the Inventory of Main Standards and Parameters of the E Waterway Network (Blue Book), transmitted to the secretariat by Belgium, Czechia and the Central Commission for the Navigation of the Rhine. Slovakia has informed the secretariat that no modifications were required to the data on Slovak inland waterways contained in the Blue Book.

II. List of bottlenecks and missing links in the E waterway network by country

3. Page 6, Basic bottlenecks for Czechia, *modify*
Elbe (E 20) from State border to Ústí nad Labem – extremely low fairway depth during dry seasons (0.9–2.0 m), in the years 1997–2004, the draught was less than 1.40 m during 160–262 days a year making the section commercially non-navigable; **the same situation was in last 5 years (2015–2020), especially in 2018 and 2019 when the section was commercially non-navigable during 217 and 141 days respectively**; the construction of ~~two locks~~ **one lock** is necessary.
4. Page 8, Strategic bottlenecks for Germany, *delete*
 - Rhine (E 10) — low fairway depth during dry seasons: from St. Goar to Mainz (1.90 m) and low height under bridges at Kehl/Strasbourg.

III. Table 1, Navigational Characteristics of Main European Inland Waterways of International Importance

5. Page 19, third and fifth entries, column 6, *modify*

E WATERWAY	SECTION OF E WATERWAY	LENGTH (km)	MAXIMUM DIMENSIONS OF VESSELS AND PUSHED CONVOYS WHICH MAY BE ACCOMMODATED			MINIMUM HEIGHT UNDER BRIDGES**** (m)	CLASS	SUITABILITY FOR COMBINED TRANSPORT**	COMMENTS
			LENGTH*** (m)	WIDTH*** (m)	DRAUGHT (m)				
1	2	3	4	5	6	7	8	9	10
E 01-01	KANAAL BOCHOLT — HERENTALS Kom Dessel — sluis 1 Lommel	4.1	85.0/85.0	9.50/9.50	2.80	5.50	IV	B	
			55.0/55.0	7.30/7.30	2.40 2.50	4.93	II	C	
...									
	ZUID — WILLEMSVAART Bocholt — up to the Belgium/Netherlands border	4.9	85.0/85.0	9.50/9.50	2.80	5.50	IV	B	
			52.0/52.0	6.70/6.70	1.90 2.00	5.15	II	C	

4. Page 24, second to fifth entries, columns 4 and 5, *modify*

1	2	3	4	5	6	7	8	9	10
E 05	ALBERTKANAAL Antwerpen — Wijnegem	9.7	134.0 135.0/200.0	12.50 15.00/22.80 23.00	3.40	9.10	VIb	A	
			134.0 135.0/200.0	12.50 15.00/12.50 23.00	3.40	6.70	Vb	A	
	ALBERTKANAAL Wijnegem — Lanaken	90.0	134.0 196.0/196.0 200.0	12.50 23.00/23.00	3.40	9.10	VIb	A	
			134.0 196.0/196.0 200.0	12.50 23.00/23.00	3.40	6.90	VIb	A	
	ALBERTKANAAL Lanaken	1.0	134.0 196.0/196.0	12.50 23.00/23.00	3.40	9.10	VIb	A	
			134.0 196.0/196.0	12.50 23.00/23.00	3.40	7.00	Va	A	
	ALBERTKANAAL Lanaken — Kanne	10.0	134.0 196.0/196.0	12.50 23.00/23.00	3.40	9.10	VIb	A	
			134.0 196.0/196.0	12.50 23.00/23.00	3.40	6.90	VIb	A	

5. Page 25, second entry, columns 4 and 5, *modify*

1	2	3	4	5	6	7	8	9	10
E 05-06	NETEKANAAL Lier — Duffelsluis	5.7	95.0 85.0/95.0 85.0	11.40 10.30/11.40 10.30	2.50	7.00	Va	A	
			95.0 85.0/95.0 85.0	11.40 10.30/11.40 10.30					

6. Page 27

(a) First entry

- Column 7, second line, add a new endnote

The height under the road bridge Rheinhausen-Ouisburg-Hochfeld (Rhine km 775.29) is 8.88 m at HNWL¹.

The height under the bridge Josef-Kardinal-Frings-Brücke (Sudbrücke Düsseldorf, Rhine km 737.10) is 8.61 m at HNWL.

The height under the bridge Kniebrücke Ousseldorf (Rhine km 743.57) is 8.82 m at HNWL.

(b) Second entry, column 7, second line, *add* a new endnote

The height under the road bridge Köln-Deutz (Rhine km 687.93) of 9.10 m above HNWL is only available over a width of 94 m.

The height under the road bridge Bonn-Beuel (Kennedy-Brücke Bonn, Rhine km 654.94) of 9.10 m above HNWL is only available over a width of 115 m.

(c) Third entry, column 6, second line, endnote 19, *modify*

~~Fairway~~ **Navigable channel** depth below GLW² 2012 (between St. Goar and Mainz: 1.90 m below GLW is **guaranteed at least 345 days per year**).

(d) Sixth entry, column 7, second line, *delete* endnote 20.

IV. Table 2, Parameters of Locks of Inland Waterways of International Importance

7. Page 67, E 02, third entry, columns 3 and 4, *modify*

E WATERWAY	SECTION OF E WATERWAY	DIMENSION OF LOCKS			COMMENTS
		LENGTH (m)	WIDTH (m)	DEPTH AT SILLS (m)	
1	2	3	4	5	6
E 02	LEIE	136.0	16.00	2.50	Sint-Baafs-Vijve lock
		115.0 235.0	12.40 12.50	3.50	Harelbeke lock

¹ High Navigable Water Level.

² Datum: Gleichwertiger Wasserstand "GLW" i.e. a low navigable water level (LNWL).

8. Page 71, E 20-06, column 3, *modify*

1	2	3	4	5	6
E 20-06	VLTAVA Mělník — Praha — Slapy	73.0	11.00	2.50	Hořín parallel locks ¹⁰
		137.0 137.5	20.00	2.50	
		69.0 68.8	11.00	2.50	Mířejovice double locks ^{Error!} Bookmark not defined.0, 11
		133.0 133.4	20.00	2.50	
		52.0 52.1	11.00	2.50	Dolánky double locks ^{Error!} Bookmark not defined., Error! Bookmark not defined.
		133.0 133.4	11.00	2.50	
		59.0 58.5	11.00	2.50	Roztoky double locks ^{Error!} Bookmark not defined., Error! Bookmark not defined.
		133.0 132.4	20.00	2.50	
		73.0	11.00	2.50	Podbaba parallel locks ^{Error!} Bookmark not defined.
		135.0	12.00	4.00	
		115.0	11.00	2.50	Štvanice parallel locks
		175.0 175.1	11.00	2.50	
		174.0	11.00	2.50	Smíchov double locks (98 +72 m)
		192.0	12.00	3.50	Modřany lock
		134.0	12.00	3.00	Vrané nad Vltavou parallel locks
85.0	12.00	3.00			
118.4	12.00	2.50	Štěchovice lock		