

ECE/TRANS/SC.3/144/Rev.3/Amend.4

ECONOMIC COMMISSION FOR EUROPE

**INVENTORY OF MAIN
STANDARDS AND PARAMETERS
OF THE E WATERWAY NETWORK**

“BLUE BOOK”

Third Revised Edition

Amendment No. 4



UNITED NATIONS
Geneva, 2022

Amendment 4 to the third revised edition of the Inventory of Main Standards and Parameters of the E Waterway Network

1. Amendment 4 to the third revised edition of the Inventory of Main Standards and Parameters of the E Waterway Network (“Blue Book”) was adopted by the Working Party on Inland Water Transport (SC.3) at its sixty-fifth session on 5 November 2021 (ECE/TRANS/SC.3/215, paragraph 37). It is based on the amendments approved in 2021 (ECE/TRANS/SC.3/2021/4).

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

2. Page 6, Basic and strategic bottlenecks for the Czech Republic, *modify*

Basic bottlenecks: 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 1997–2020, the draught was less than 1.40 m during 0–217 days a year making the section commercially non-navigable; the construction of locks and the improvement of the fairway are necessary.

Strategic bottlenecks:

- Elbe (E 20) from Chvaletice to Pardubice – the construction of locks at Přelouč is necessary.
- Vltava (E 20-06) — From Měřejovice to Praha — low height under bridges (5.25 m) and narrow width of lock gates (11.00 m); from Mělník to Vraňany — low available draught (1.8 m).

3. 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.

4. Page 14, Missing links for Slovakia, after the title, *add* footnote xiii

- ^{xiii} Portions of waterways which do not exist at present but which are included in relevant infrastructure development programmes.

II. 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	2.50	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	2.00	5.15	II	C	

6. 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	135.0/200.0	15.00/23.00	3.40	9.10	VIb	A	
			135.0/200.0	15.00/23.00	3.40	6.70	Vb	A	
	ALBERTKANAAL Wijnegem — Lanaken	90.0	196.0/200.0	23.00/23.00	3.40	9.10	VIb	A	
			196.0/200.0	23.00/23.00	3.40	6.90	VIb	A	
	ALBERTKANAAL Lanaken	1.0	196.0/196.0	23.00/23.00	3.40	9.10	VIb	A	
			196.0/196.0	23.00/23.00	3.40	7.00	Va	A	
ALBERTKANAAL Lanaken — Kanne	10.0	196.0/196.0	23.00/23.00	3.40	9.10	VIb	A		
		196.0/196.0	23.00/23.00	3.40	6.90	VIb	A		

7. 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	85.0/85.0	10.30/10.30	2.50	7.00	Va	A	
			85.0/85.0	10.30/10.30	2.50	6.94	IV	B	

8. Page 27

(a) First entry, column 7, second line, *add* endnote 18

1	2	3	4	5	6	7	8	9	10
E 10	RHINE Lobith — Köln (863.0 km — 688.0 km)	175.0	135.0/193.0	22.80/34.35	2.50 ¹⁵	9.10	VIc	A	
			/269.5	/22.90					
			135.0/193.0	22.80/34.35 ¹⁶	2.50 ¹⁷	9.10 ¹⁸	VIc	A	
			/269.5	/22.90					

¹⁸ The height under the road bridge Rheinhausen-Ouisburg-Hochfeld (Rhine km 775.29) is 8.88 m at HNWL.

The height under the bridge Josef-Kardinal-Frings-Brucke (Sudbrucke Dusseldorf, Rhine km 737.10) is 8.61 m at HNWL.

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

(b) Second entry, column 7, second line, *add* endnote 19

1	2	3	4	5	6	7	8	9	10
	RHINE Köln (688.0 km) — 564.3 km	123.7	135.0/193.0	22.80/34.35	2.50 ^{Error! Bookmark not defined.}	9.10	VIc	A	
			/269.5	/22.90					
			135.0/193.0	22.80/34.35 ¹⁶	2.50 ¹⁷	9.10 ¹⁹	VIc	A	
			/269.5	/22.90					

¹⁹ The height under the road bridge Koln-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-Brucke 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 *renumber* as endnote 21 and *modify*

²¹ Navigable channel depth below GLW 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* the existing endnote 20.

9. Page 33, fifth to eighth entries, *modify*

1	2	3	4	5	6	7	8	9	10
E 20	ELBE Germany/Czech Republic border — Ústí nad Labem	40.0	110.0/137.0	11.50/23.00	2.80	7.00	VIa	A	Free-flowing, canalization necessary
			110.0/137.0	11.50/23.00	0.90-2.80 ³⁶	7.00	Va	B	
	ELBE Ústí nad Labem — Mělník	69.0	110.0/185.0 ³⁷	11.50/22.80 ³⁷	2.80	7.00	VIb	A	Canalized
			110.0/137.0	11.50/11.50	2.00-2.20 ³⁶	5.66	Va	A	
	ELBE Mělník — Chvaletice	102.2	110.0/185.0	12.00/12.00	2.80	7.00	Vb	A	Canalized
			84.0/84.0	11.50/11.50	2.10	4.90/5.25	IV	C	
	ELBE Chvaletice — Pardubice	24.8	110.0/185.0	11.50/11.50	2.80	7.00	Vb	A	Canalized
			.../...	.../...	IV ⁶	...	

10. Page 34, second entry (E 20-06), *delete* endnote 40 and *modify*

1	2	3	4	5	6	7	8	9	10
E 20-06	VLTAVA Mělník — Praha	64.0	110.0/137.0	11.40/11.40	2.50	7.00	Va	B	Including the mouth of the Berounka watercourse to the port of Prague- Radotín
			110.0/110.0	10.60/10.60	1.80	5.10	IV	C	
	VLTAVA Praha — Slapy	27.0	110.0/110.0	11.40	1.20	5.25	IV	C	
			110.0/110.0	11.40	1.20	4.95	IV	C	

11. *Renumber* the existing endnotes accordingly.

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

12. 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
		235.0	12.50	3.50	Harelbeke lock

13. Page 70, E 20, *delete* the last entry for Elbe, German border — Ústí nad Labem.

14. Page 71, E 20, first to third entries, *modify*

1	2	3	4	5	6
E 20 (continued)	ELBE	173.7	13.00	2.60	Střekov parallel locks
	Ústí nad Labem — Střekov — Mělník	170.0	24.00	2.60	
		110.0	12.00	2.50	Lovosice parallel locks
		155.0	22.00	2.50	
	ELBE Mělník — Chvaletice	85.0	12.00	3.30	15 × one lock
	ELBE Chvaletice — Pardubice	85.0	12.00	3.00	Srnojedy and Pardubice locks

15. Page 71, E 20-06, *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	12.00	2.50	
		215.0	11.00	2.50	Miřejovice double locks ^{10, 11}
		52.0	11.00	2.50	Dolánky double locks ^{10, 11}
		133.0	11.00	2.50	
		203.0	11.00	2.50	Roztoky double locks ^{10, 11}
		73.0	11.00	2.50	Podbaba parallel locks ¹⁰
		135.0	12.00	4.00	
		115.0	11.00	2.50	Štvanice parallel locks
		175.0	11.00	2.50	
		174.0	11.00	2.50	Smíchov double locks (98 + 68 m)
		192.0	12.00	3.50	Modřany double lock (85 + 95 m)
		134.0	12.00	3.00	Vrané nad Vltavou parallel locks
		85.0	12.00	3.00	
118.4	12.00	2.50	Štěchovice double lock (40 + 73 m)		

IV. Table 3, Technical Characteristics of Inland Navigation Ports of International Importance

16. Page 88, entries 15 to 17, column 1, *modify*

E PORTS		CARGO HANDLING CAPACITY			CARGO HANDLING EQUIPMENT AVAILABLE FOR		RAIL ACCESS **	OTHER CHARACTERISTICS AND COMMENTS	
		0.5-3.0 million tonnes	3.0-10.0 million tonnes	> 10.0 million tonnes	CONTAINERS **				RO-RO **
					20'	40'			
1		2	3	4	5	6	7	8	9
P 20-15	Děčín (Elbe, 737.6 and 740.5 km) ²	x			x	x	-	x	Bulk cargoes
P 20-16	Ústí nad Labem (Elbe, 761.2 and 764.0 km) ²	x			x	x	-	x	Bulk cargoes
P 20-17	Mělník (Elbe, 834.4 and 836.7 km) ²	x			x	x	x	x	Bulk cargoes

17. Page 89, second entry, *modify*

1		2	3	4	5	6	7	8	9
P 20-06-02	Praha (Vltava, 46.6 and 19.31 km)	x			-	-	-	-	Bulk cargoes

18. Page 106, endnote 2, *replace 726.15 km with 730.00 km.*