



Economic and Social Council

Distr.: General
31 October 2016
English
Original: English and French only

Economic Commission for Europe

Inland Transport Committee

Working Party on Inland Water Transport

Sixtieth session

Geneva, 2–4 November 2016

Item 6 (b) of the provisional agenda

European inland waterway network:

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

Additional amendments to the third revision of the Inventory of Main Standards and Parameters of the E Waterway Network (“Blue Book”)

**Transmitted by the Governments of France, Italy, the Netherlands and
the United Kingdom of Great Britain and Northern Ireland**

I. Mandate

1. This document is submitted in line with Cluster 5: Inland Waterway Transport, paragraph 5.1 of the programme of work 2016–2017 (ECE/TRANS/2016/28/Add.1) adopted by the Inland Transport Committee at its seventy-eighth session on 26 February 2016.
2. The present document represents further amendments transmitted by Governments for the third revised edition of the Inventory of Main Standards and Parameters of the E Waterway Network (“Blue Book”).

II. Amendment proposals to the Blue Book

A. France

1. Missing links

3. Page 6

Line 2, *replace* footnote ** by

The Seine-Schelde connection project has been modified.

Line 3, *replace* footnote*** *by*

The project of Saône – Moselle link/Saône – Rhine link is abandoned.

2. Strategic bottlenecks

4. *Delete* line 6 (Saône E 10). The works are completed.

3. Table 2

5. Page 56, E 10, Saône St. Symphorien – Lyon, line 5 (Couzon lock)

In the third column *replace* 184.0 *by* 195.0.

B. Italy

1. Strategic bottlenecks

6. Page 9

After the title *add*

- Ferrara waterway (E 91–04) from Ferrara to Porto Garibaldi — adaptation to class Va is under way.

2. **Table 1**

5. E 91, pages 47-49

For the existing table, *substitute*

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 91	MILANO – PO CANAL Milano-Pizzighettone	[60.0]	110.0/110.0	12.00/12.00	2.50	7.00	Va	A	Project under development
			.../...	.../...	
	MILANO – PO CANAL Pizzighettone-Cremona	14.0	110.0/110.0	12.00/12.00	2.50	7.00	Va	A	Canalized
			110.0/110.0	12.00/12.00	2.50 ¹	6.50	Va	A	
	PO Cremona-Casalmaggiore	49.0	110.0/110.0	12.00/12.00	2.50	7.00	Va	A	Limitation due to Casalmaggiore railway bridge calculated on maximum navigable waters Q ₃₀
			110.0/110.0	12.00/12.00	2.50 ¹	5.25	Va	B	
	PO Casalmaggiore-mouth of the Mincio River (Mantova)	70.0	110.0/110.0	12.00/12.00	2.50	7.00	Va	A	Limitation due to Borgoforte road bridge calculated on maximum navigable waters Q ₃₀
			110.0/110.0	12.00/12.00	2.50	5.74	Va	B	
	PO Mouth of the Mincio River (Mantova)- Volta Grimana	126.0	110.0/110.0	12.00/12.00	2.50	7.00	Va	A	Limitation due to Revere road bridge calculated on maximum navigable waters Q ₃₀
			80.0/80.0	11.00/11.00	2.50	5.72	IV	B	
PO – BRONDOLO CANAL Volta Grimana (Po)-Marghera (Venezia)	20.0	110.0/110.0	12.00/12.00	2.50	7.00	Va	A	Limitation due to Rosolina Bridge	
	35.0	110.0/110	12.50/12.50	2.50	3.75	Va	B		
LAGUNA VENETA Marghera-Porto Nogaro (Punta Sdobba)	120.0	110.0/110.0	12.00/12.00	2.50	7.00	Va	A		
		85.0/85.0	9.50/9.50	2.50	6.50	IV	B		
LAGUNA VENETA Porto Nogaro (Punta Sdobba)- Monfalcone-Trieste	60.0	285.0/285.0	33.0/34.2	2.50/4.50	7.00	VII	A	Punta Sdobba – Trieste: coastal route	
		285.0/285.0	33.0/34.2	2.50/4.50	7.00	VII	A		

¹ Draught of 2.50 m is ensured during 250 days per year, target data is to be ensured during 300 days per year.

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 91-02	PO	38.0	110.0/110.0	12.00/12.00	2.50	6.50	Va	A	
	Cremona-Piacenza		85.0/85.0	9.50/9.50	2.50 ²	6.50	IV	B	
	PO	58.5	85.0/85.0	9.50/9.50	2.50	7.00	IV	A	
	Piacenza-Pavia		80.0/80.0	9.50/9.50	1.60/2.00	6.50	III	C	
	PO	85.0	85.0/85.0	9.50/9.50	2.50	7.00	IV	A	
Pavia-Casale Monferrato	80.0/80.0		9.50/9.50	1.60/2.00	6.50	III	C		
E 91-01	MINCIO	17.0	85.0/85.0	9.50/9.50	2.50	7.00	IV	A	
	Mouth - Lago Inferiore (Mantova)		85.0/85.0	9.50/9.50	2.50 ³	6.50	IV	B	
E 91-04	FERRARA WATERWAY	70 + [35]	110.0/110.0	12.00/12.00	2.80	7.00	Va	A	Upgrading to class Va is under construction
	Ferrara-Porto Garibaldi/Ravenna		85.0/85.0	9.50/9.50	2.50	4.10	IV	B	Limitation due to railway bridge Padova – Bologna Ravenna: coastal route
E 91-06	PO GRANDE ⁴	33.0	110.0/110.0	12.00/12.00	2.80	7.00	Va	A	
	Volta Grimana-mouth		110.0/110.0	12.00/12.00	2.50	7.00	Va	B	
E 91-03	MANTOVA-ADRIATIC SEA CANAL	23.0	110.0/110.0	12.00/12.00	2.80	7.00	Va	A	
	Mantova-Valdaro Lock-Ostiglia		110.0/110.0	12.00/12.00	2.50	6.50	Va	A	
	MANTOVA-ADRIATIC SEA CANAL	80.0	110.0/110.0	12.00/12.00	2.80	7.00	Va	A	Limitation due to railway bridge Padova - Bologna
	Ostiglia-Baricetta Lock		110.0/110.0	12.00/12.00	2.50	4.90	Va	B	
	MANTOVA-ADRIATIC SEA CANAL	33.0	110.0/110.0	12.00/12.00	2.80	7.00	Va	A	Upgrading is envisaged
Baricetta Lock-Porto Levante	110.0/110.0		12.00/12.00	2.50	5.50	Va	B		
E 91-03-02	PO – MANTOVA-ADRIATIC SEA CANAL	2.2	110.0/110.0	12.00/12.00	2.80	7.00	Va	A	Canal
	Via S. Leone link		110.0/110.0	12.00/12.00	2.50	6.50	Va	...	
E 91-05	PADOVA – VENEZIA CANAL	27.0	110.0/110.0	12.00/12.00	2.50	7.00	Va	A	Completed only for some
			.../...	.../...	sections. Completion in the design phase

² Draught of 2.50 m is ensured during 200 days per year, target data is to be ensured during 250 days per year.

³ Draught of 2.50 m is ensured during 250 days per year, target data is to be ensured during 310 days per year.

⁴ A direct link Po — Adriatic Sea is not possible because of sand banks at the estuary of the Po River.

3. **Table 2**

8. Page 64

Line 3, E 91

Po-Brondolo Canal, lines 2, 4 and 6, last column, *delete* under construction

Laguna Veneta

For the existing table, *substitute*

E WATERWAY	SECTION OF E WATERWAY	DIMENSION OF LOCKS			COMMENTS
		LENGTH (m)	WIDTH (m)	DEPTH AT SILLS (m)	
1	2	3	4	5	6
	LAGUNA VENETA	81.0	10.00	3.50	Cavallino lock. Used for touristic purposes
		81.0	9.00	3.50	Cortellazzo lock. Used for touristic purposes
		81.0	9.00	3.50	Revedoli lock. Used for touristic purposes
		81.0	9.00	3.50	Bavazzana lock. Used for touristic purposes

Line 4, E 91-02

For the existing table, *substitute*

WATERWAY	SECTION OF E WATERWAY	DIMENSION OF LOCKS			COMMENTS
		LENGTH (m)	WIDTH (m)	DEPTH AT SILLS (m)	
1	2	3	4	5	6
E 91-02	PO	110.0	12.50	4.00	Isola Serafini new lock is under construction
	From Cremona lock to Casale Monferrato	85.0	11.50	2.50	Isola Serafini lock.

Line E 91-04

For the existing table, *substitute*

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 91-04	FERRARA WATERWAY Ferrara – Porto Garibaldi	110.0	12.50	3.50	Pontelagoscuero lock
		102.0	12.20	3.50	Valpagliaro lock
		105.0	12.00	3.50	Vallelepri lock

4. Table 3

9. Page 84, column 9

Line 18, P 91-02

Replace the existing text by Study evaluation

10. Page 85, column 9

Line 1, P 91-05

Add Starting up

Line 4, P 91-06

Add Study evaluation

Lines 11–13, P 91-02-01, P 91-02-02, P 91-02-03

Replace the existing text by Study evaluation

Line 16, P 91-04-03

Delete Construction foreseen

C. The Netherlands**1. Basic bottlenecks**

11. Page 9

Replace the existing text by None

2. **Table 1**

12. Page 37, line 4

For the existing text, *substitute*

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 70	TWENTEKANAAL	36.2	110.0/110.0	11.50/11.50	2.80 ⁵	6.00	Va	B	
	Zutphen - Delden		110.0/110.0	9.50/9.50	2.50	6.00	IV	B	
	TWENTEKANAAL	14.0	110.0/110.0	9.75/9.75	2.60	6.00	Va	B	
	Delden – Enschede		110.0/110.0	11.50/11.50	2.20	6.00	IV	B	

13. Page 38, line 12

For the existing text, *substitute*

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 70-03	ZIJKANAAL	17.6	110.0/110.0	9.75/9.75 11.50/11.50	2.50	6.00	Va	B	
	From Twentekanaal to Almelo		110.0/110.0	9.75/9.75	2.50	6.00	IV	B	

⁵ On the section Geldersche IJssel – Eefde the maximum draught is as much lower than 2.80 m as the outer water level at the lock Eefde is lower than NAP + 3.20 m.

2. **Table 2**

14. Page 54

After line 35 add a new entry

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 01-03	MAXIMAKANAAL	115.0	12.60	2.40	Empel lock
		115.0	12.60	2.75	Hintham lock

D. The United Kingdom of Great Britain and Northern Ireland

1. **Table 1**

15. Page 34

Line 10 E 60-03-05 Thames London Bridge to Hammersmith Bridge, column 4, the second line

Replace 90.0/90.0 by 90.0/80.0

16. Page 35, penultimate line

For the existing text, *substitute*

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 60-03-08	TEES	14.0	/305.0	/48.00	17.00	87.90 ⁶	Vlb	A	Sea vessels route
	Mouth – Middlesbrough		/305.0	/48.00	17.00	87.90	Vlb	A	

⁶ Height is restricted due to power cables.