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Working Party on Inland Water Transport

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”)

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

Transmitted by the Governments of Belgium and Ukraine

I. Draft amendments to “Blue Book”

1. Under basic bottleneck for Ukraine, add the following line:

“Prypiat (E 40), from the Ukrainian/Belarus state border to Mouth — upgrading from class III to class IV is required.”

2. In table 1, “Navigational Characteristics of Main European Inland Waterways of International Importance”, *amend* as follows (additions in bold, deletions strikethrough, footnotes will be renumbered when necessary):

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 40	PRYPIAT PRIPYAT	62.5	.../...	.../...	...	...	...	...	Free-flowing
	Belarus/Ukraine border — mouth of the Prypiat Pripyat River		100.0/100.0	20.00/20.00	1.50 ¹	No restrictions	IV ³³	B	
	DNIPRO	83.0 81.5	150.0/150.0	18.00/18.00	2.65 ²	No restrictions	Va	A	Canalized
	Mouth of the Prypiat River — Kyiv (943.5 km — 862.0 km)		85.2/114.8	15.30/15.20	2.65 ²	No restrictions	Va	A	
	DNIPRO Kyiv — Kanivska Hydroelectric	134.0 135.0	270.0/270.0	18.00/18.00	3.65 ³	No restrictions	Vb	A	Canalized
	Power Station (HPS) (856.0 km — 722.0 km) (862.0 km — 727.0 km)		114.1/170.0	13.23/15.20	3.65 ³	No restrictions	Vb	A	
	DNIPRO, Kanivska HPS — Kremenchutska HPS	166.0 171.0	270.0/270.0	18.00/18.00	3.65 ³	13.20	Vb	A	Canalized
	727.0 722.0 km — 556.0 km		114.0/170.0	13.23/15.20	3.65 ³	13.20	Vb	A	
	DNIPRO Kremenchutska HPS	123.0	270.0/270.0	18.00/18.00	3.65 ³	No restrictions	Vb	A	Canalized
	—								

¹ Guaranteed depth of the channel designed for maximum draught of vessels 1.2 m.

² Guaranteed depth of the channel designed for maximum draught of vessels 2.2 m.

³ Guaranteed depth of the channel designed for maximum draught of vessels 3.2 m.

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
	Serednodniprovska-Seredniodniprovska HPS (556.0 km — 433.0 km)		138.3/170.0	16.70/15.20	3.65 ³	No restrictions	Vb	A	
	DNIPRO, Seredniodniprovska HPS — Dniprovska HPS-Dnioproges (433.0 km — 305.0 km)	128.0	270.0/270.0	18.00/18.00	3.65 ³	14.70	Vb	A	Canalized
	DNIPRO Dniprovska HPS-Dnioproges — Kakhovska HPS (305.0 km — 93.0 km)	212.0	138.3/170.0	16.70/15.20	3.65 ^{45.3}	14.70	Vb	A	
	DNIPRO Dniprovska HPS-Dnioproges — Kakhovska HPS (305.0 km — 93.0 km)	212.0	270.0/270.0	18.00/18.00	3.65 ³	No restrictions	Vb	A	Canalized
	DNIPRO Kakhovska HPS — Kherson (93.0 km — 28.0 km)	65.0	138.3/170.0	16.70/15.20	3.65 ³	No restrictions	Vb	A	Free-flowing
	DNIPRO Kherson — Entry to Rvach Arm	28.0	200.0/200.0	32.50/32.50	7.60	No restrictions	VII	A	Sea vessel route
	KHERSONSKYI SEA CHANNEL, entry to Rvach Arm — leading line of Adzhyholska Beak	40.0	200.0/200.0	32.50/32.50	7.60	No restrictions	VII	A	Sea vessel route
E 40-01	DESNA From the mouth to Chernihiv (0.0 km — 198.0 km)	198.0 194.5	.../...	.../...	1.60	...	IV	...	Free-flowing
			.../...	.../...	1.30	...	III	...	

<i>E</i> waterway	Section of <i>E</i> 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 40-02	PIVDENNYI BUH	81.4	215.0/215.0	32.50/32.50	10.30	No restrictions	VII	A	Sea vessel route
	Buzko-Buzko -Dniprovsko- Lymanskyi Channel (BDLC), sections 1-13		215.0/215.0	32.50/32.50	10.30	No restrictions	VII	A	

3. In table 2, “Parameters of Locks of Inland Waterways of International Importance”, for the Dnipro waterway, amend as follows (additions in bold, deletions strikethrough):

Section of E waterway	Dimension of locks			Comments
	Length (m)	Width (m)	Depth at sills (m)	
DNIPRO	150.0	18.00	4.00	Kyiv Kyivskiy lock
Mouth of the Prypiat Pripyat River — Kherson	270.0	18.00	4.25	Kaniv Kanivskiy lock
	270.0	18.00	3.85	Kremenchuk Kremenchutskiy lock
	270.0	18.00	3.65	Kamianske (Dniprodzerzhynsk) Dniprodzerzhynskiy lock
	120.0	18.00	4.40	Zaporizhya Zaporizkiy three chambers lock
	290.0	18.00	5.50	Zaporizhya Zaporizskiy one chamber lock
	270.0	18.00	3.65	Kakhovka Kakhovskiy lock

4. In table 2, “Parameters of Locks of Inland Waterways of International Importance”, for E 01-01, E 02 and E 04:

Section of E waterway	Dimension of locks			Comments
	Length (m)	Width (m)	Depth at sills (m)	
ZUID — WILLEMSVAART	65.0	7.50	2.50	Lock No. 15
	70.0	7.50	2.50	Lock No. 16
	50.0	7.00	1.90	Bocholt and Lozen locks (Nos. 18 and 17)
	52.0			
GENT — OOSTENDE CANAL	89.7	10.20	2.50	Dammeport lock
	90.8	11.75		
LEIE	136.0	16.00	2.50	Sint-Baafs-Vijve lock
			2.80	
	115.0	12.40	3.50	Harelbeke lock
		12.50	2.80	
BRUXELLES — SCHELDE CANAL	250.0	25.00	9.50	Wintam lock
	205.0	24.90	6.50	Zemst lock
		24.00		

5. In table 3, “Technical Characteristics of Inland Navigation Ports of International Importance”, for E 40 waterway, amend as follows (additions in bold, deletions strikethrough):

<i>E ports</i>		<i>Cargo handling capacity</i>			<i>Cargo handling equipment available for</i>			<i>Rail access **</i>	<i>Other characteristics and comments</i>
		<i>0.5-3.0 million tonnes</i>	<i>3.0-10.0 million tonnes</i>	<i>> 10.0 million tonnes</i>	<i>Containers **</i>		<i>RO-RO **</i>		
					<i>20'</i>	<i>40'</i>			
<i>1</i>		<i>2</i>	<i>3</i>	<i>4</i>	<i>5</i>	<i>6</i>	<i>7</i>	<i>8</i>	<i>9</i>
P 40-05	Kyiv (Dnipro, 856.0 862.0 km)			x	x		-	x	Bulk and general cargo
P 40-06	Cherkassy Cherkasy (Dnipro, 653.0 km)		x		x	-	-	x	Bulk and general cargo
P 40-07bis	Poltava Poltavskiy Ore Mining and Processing Enterprise (Dnipro, 521.0 km)		x		-	-	-	x	Ore, minerals
P 40-08bis	Cargo Handling terminal (Dnipro, 422.0 km)	x			-	-	-	x	Bulk and general cargo
P 40-10	Zaporizhya Zaporizhzhia (Dnipro, 308.0 306.0 km)			x	x	x	-	x	Bulk and general cargo, lighters
P 40-11	Nova Kakhovka (Dnipro, 96.0 94.0 km)	x			-	-	-	-	Bulk and general cargo
P 40-02-01	Mykolaiv, river port (Pivdenny Pivdennyi Buh, 40.0 km)	x			...	...	...	...	Cereals, scrap, minerals
P 40-02-02	Mykolaiv, sea port (Pivdenny Pivdennyi Buh, 35.0 km)		x		x	x	-	x	Timber, oil products, metals, cereals, bulk cargo, scrap

<i>E ports</i>		<i>Cargo handling capacity</i>			<i>Cargo handling equipment available for</i>			<i>Rail access **</i>	<i>Other characteristics and comments</i>
		<i>0.5-3.0 million tonnes</i>	<i>3.0-10.0 million tonnes</i>	<i>> 10.0 million tonnes</i>	<i>Containers **</i>		<i>RO-RO **</i>		
					<i>20'</i>	<i>40'</i>			
<i>1</i>	<i>2</i>	<i>3</i>	<i>4</i>	<i>5</i>	<i>6</i>	<i>7</i>	<i>8</i>	<i>9</i>	
P 40-02-03	Dnipro-Buzkyi Buzkyi (Pivdenny Pivdennyi Buh, 16.0 km)		x		-	-	-	x	Ore, general cargo
P 80-09-02	Kilia Kilia (Danube — Kiliiske Mouth, 47.0 km)	x			x	-	-	-	General cargo
P 80-09-03	Ust-Dunaisk (Danube — Kiliiske Mouth, 0 km)			x	x	x	-	-	General and bulk cargo ⁴

⁴ Water area of Ust-Dunaisk Port basin (Danube-Kiliiske Mouth, 0 km) is closed for navigation.