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**Economic Commission for Europe****Inland Transport Committee****Working Party on the Transport of Dangerous Goods****Joint Meeting of Experts on the Regulations annexed to the European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways (ADN)****Thirty-sixth session**

Geneva, 27-31 January 2020

Item 5 (b) of the provisional agenda

**Proposals for amendments to the Regulations annexed to ADN:  
other proposals**

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29 January 2020

English

**Amendment to 7.1.4.1: Limitation of the quantities carried****Transmitted jointly by the European Barge Union (EBU) and the European Skippers Organisation (ESO)\*, \*\*****Introduction**

1. During an informal discussion in Geneva, several delegates worked together on the proposal of 2020/13 (provided by EBU/ESO) and ask the ADN Safety Committee to consider the following amended proposal.

**I. Proposal**

1. The proposed text is worded as follows:

“7.1.4.1.1 Single-hull vessels may carry goods of Classes 1, 2, 3, 4.1, 4.2, 4.3, 5.1, 5.2, 6.1, 7, 8 and 9 only in the limited quantities set out in 7.1.4.1.4. This provision also applies to pushed barges and double-hull vessels which do not meet the additional rules of construction in 9.1.0.88 to 9.1.0.95 or 9.2.0.88 to 9.2.0.95.

7.1.4.1.1.1 Where substances and articles of different divisions of Class 1 are loaded in a single vessel in conformity with the provisions for prohibition of mixed loading of 7.1.4.3.3 or 7.1.4.3.4, the entire load shall not exceed the smallest maximum mass given in 7.1.4.1.4 below for the goods of the most dangerous division loaded, the order of precedence being 1.1, 1.5, 1.2, 1.3, 1.6, 1.4.

7.1.4.1.1.2 For pushed convoys and side-by-side formations, the quantity limitations specified in 7.1.4.1.4 apply to each unit. A maximum of 1,100,000 kg is permitted for each unit.

7.1.4.1.1.3 When a vessel is carrying several types of dangerous goods, the total quantity shall not exceed 1,100,000 kg.

7.1.4.1.2 Double-hull vessels meeting the additional construction rules in 9.1.0.88 to 9.1.0.95 or 9.2.0.88 to 9.2.0.95 may carry goods without limitation of the quantity carried, except for:

- goods of Class 1, and

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- goods of classes 2, 3, 4.1, 4.2, 4.3, 5.1, 5.2, 6.1, 7, 8 and 9 for which a danger label of model No. 1 is required in column (5) of Table A of Chapter 3.2,

For which the limitations set in 7.1.4.1.1 and 7.1.4.1.1.1 to 7.1.4.1.1.3 apply.

7.1.4.1.3 For activity limits, transport index (TI) limits and criticality safety indices (CSI) in the case of the carriage of radioactive material, see 7.1.4.14.7.

7.1.4.1.4 Table

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7.1.4.1.4 Quantity limitations

<i>Class</i>	<i>Description</i>	<i>0 kg</i>	<i>90 kg</i>	<i>15,000 kg</i>	<i>50,000 kg</i>	<i>120,000 kg</i>	<i>300,000 kg</i>	<i>1,100,000 kg</i>
1	All substances and articles of Division 1.1, compatibility group A <sup>(1)</sup>		X					
	All substances and articles of Division 1.1, compatibility groups B, C, D, E, F, G, J or L <sup>(2)</sup>			X				
	All substances and articles of Division 1.2, compatibility groups B, C, D, E, F, G, H, J or L				X			
	All substances and articles of Division 1.3, compatibility groups C, G, H, J or L <sup>(3)</sup>						X	
	All substances and articles of Division 1.4, compatibility groups B, C, D, E, F, G or S							X
	All substances of Division 1.5, compatibility group D <sup>(2)</sup>			X				
	All substances and articles of Division 1.6, compatibility group N <sup>(3)</sup>						X	
	Empty packaging, uncleaned							X
	<i>Note:</i>							
	<i>(1) In not less than three batches of a maximum of 30 kg each, distance between batches not less than 10.00 m.</i>							
	<i>(2) In not less than three batches of a maximum of 5,000 kg each, distance between batches not less than 10.00 m.</i>							
	<i>(3) Not more than 100,000 kg per hold. A wooden partition is permitted for subdividing a hold.</i>							
2	All goods for which label No. 2.1 is required in column (5) of Table A of Chapter 3.2: total						X	
	All goods for which label No. 2.3 is required in column (5) of Table A of Chapter 3.2: total					X		
	Other goods							X
3	All goods of packing groups I or II for which, in addition to a label of model No. 3, a label of model No. 6.1 is required in column (5) of Table A of Chapter 3.2: total					X		
	All goods of packing groups I or II: total						X	
4.1	UN Nos. 3221, 3222, 3231 and 3232: total			X				
	All goods of packing group I;							
	All goods of packing group II for which, in addition to a label of model No. 4.1, a label of model No. 6.1 is required in column (5) of Table A of Chapter 3.2;							

<i>Class</i>	<i>Description</i>	<i>0 kg</i>	<i>90 kg</i>	<i>15,000 kg</i>	<i>50,000 kg</i>	<i>120,000 kg</i>	<i>300,000 kg</i>	<i>1,100,000 kg</i>
	Self-reactive substances of types C, D, E and F (UN Nos. 3223 to 3230 and 3233 to 3240); All other substances of classification code SR1 or SR2 (UN Nos. 2956, 3241, 3242 and 3251); and desensitized explosive substances of packing group II (UN Nos. 2907, 3319 and 3344): total						X	
	Other goods							X
4.2	All goods of packing groups I or II for which, in addition to a label of model No. 4.2, a label of model No. 6.1 is required in column (5) of Table A of Chapter 3.2: total						X	
	Other goods							X
4.3	All goods of packing groups I or II for which, in addition to a label of model No. 4.3, a label of model No. 3, 4.1 or 6.1 is required in column (5) of Table A of Chapter 3.2: total						X	
	Other goods							X
5.1	All goods of packing groups I or II for which, in addition to a label of model No. 5.1, a label of model No. 6.1 is required in column (5) of Table A of Chapter 3.2: total						X	
	Other goods							X
5.2	UN Nos. 3101, 3102, 3111 and 3112: total			X				
	Other goods						X	
6.1	All goods of packing group I: total					X		
	All goods of packing group II: total						X	
	All goods carried in bulk		X					
	Other goods							X
7	UN Nos. 2912, 2913, 2915, 2916, 2917, 2919, 2977, 2978 and 3321 to 3333 <sup>(4)</sup>		X					
	Other goods <sup>(4)</sup>							X
	Note:							
	<sup>(4)</sup> For activity limits, transport index (TI) limits and criticality safety indices (CSI) in the case of the carriage of radioactive material, see 7.1.4.14.7.							

<i>Class</i>	<i>Description</i>	<i>0 kg</i>	<i>90 kg</i>	<i>15,000 kg</i>	<i>50,000 kg</i>	<i>120,000 kg</i>	<i>300,000 kg</i>	<i>1,100,000 kg</i>
8	All goods of packing group I;						X	
	All goods of packing group II for which, in addition to a label of model No. 8, a label of model No. 3 or 6.1 is required in column (5) of Table A of Chapter 3.2: total							
	Other goods							X
9	All goods of packing group II: total						X	
	UN No. 3077, goods carried in bulk and classified as hazardous to the aquatic environment, categories Acute 1 or Chronic 1, in accordance with 2.4.3	X						
	Other goods							X

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## **II. Consequential amendments**

As a result of amending this article, the following referring provisions shall be adapted:

7.1.2.0.1

7.1.2.0.2

7.1.2.19.2

9.1.0.80

9.1.0.88.1

9.2.0.80

9.2.0.88.1

## **III. Justification**

The text will be significantly easier to read thanks to the restructured content, which clearly sets out limitations of quantities and provides clarification regarding mixed cargos.

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