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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) (ADN Safety Committee)**

**Thirty-fifth session**

Geneva, 26–30 August 2019

Item 4 (b) of the provisional agenda

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

**Amendment to 7.1.4.1: Limitation of the quantities carried**

**Transmitted by the European Barge Union (EBU) and the European Skippers Organisation (ESO)\*, \*\***

**Introduction**

1. The representatives of the inland navigation industry introduced and explained this matter at the thirty-third session of the ECE ADN Safety Committee. It was agreed to consider the proposal in a correspondence working group.
2. No correspondence group was set up, but talks were held bilaterally in some cases in order to clarify specific issues. The results are included in this proposal.
3. The sole objective of this proposal is to provide greater clarity and transparency by changing the wording of 7.1.4.1. This is necessary in particular to make the issue understandable for users who do not consult ADN regularly.

**Proposal 1**

4. “No limitation” appears nine times in 7.1.4.1.1. In other places of the same subparagraph, the maximum quantity specified is 100,000 kg.

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5. The term “No limitation” was initially understood as an unlimited quantity, which for example included 1,500,000 kg or 2,200,000 kg. Such an interpretation is apparently not relevant in this context.
6. For the shipping industry, “No limitation” also now relates to 1,100,000 kg. Continuing to use the term “No limitation” in relation with maximum quantities of 1,100,000 kg would be, in this case, confusing, especially if such wording otherwise relates to 1,100,000 kg.
7. The Safety Committee is invited to consider the situation and to decide to replace, in 7.1.4.1.1, the words “No limitation” with 1,100,000 kg.

## Proposal 2

8. The shipping industry would like 7.1.4.1.1, 7.1.4.1.2 and 7.1.4.1.3 to be fully restructured, without in any way changing the content of the existing requirements. The quantities specified in the current 7.1.4.1.1 will be presented in a table, in a new 7.1.4.1.3. This presupposes that proposal 1 is accepted.
9. For the sake of clarity, the use of the following sentence is recommended in 7.1.4.1.2:  
“When a vessel is carrying several types of dangerous goods, the total quantity shall not exceed 1,100,000 kg.”
10. The new text is worded as follows:

### “7.1.4.1.1 Quantities allowed in single-hull vessels

Single-hull vessels, 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 may carry only the quantities of dangerous goods of Classes 1, 2, 3, 4.1, 4.2, 4.3, 5.1, 5.2, 6.1, 7, 8 and 9 set out in 7.1.4.1.3.

For pushed convoys and side-by-side formations, the quantity limitations specified in 7.1.4.1.3 apply to each unit, with a maximum of 1,100,000 kg permitted for each unit.

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 Quantities allowed in double-hull vessels

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 of Classes 2, 3, 4.1, 4.2, 4.3, 5.1, 5.2, 6.1, 7, 8 and 9 without limitation of the quantity carried. Not invoking this provision, such vessels may only carry

- for dangerous goods of Class 1, the amounts set out in 7.1.4.1.3.
- for dangerous goods for which a danger label of model No. 1 is required in column (5) of Table A of Chapter 3.2, for each transport unit, only the quantities set out in 7.1.4.1.3.

Class	Description							
		0 kg	90 kg	15,000 kg	50,000 kg	120,000 kg	300,000 kg	1,100,000 kg
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
<b>NOTES:</b>								
<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	
	Other goods							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; 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	X						
	Other goods							X
8	All goods of packing group I; 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						X	
	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

7.1.4.1.4 In 7.1.4.1.4, the reference to 7.1.4.1.1 becomes 7.1.4.1.3.

## **Reasons**

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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