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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-third session

Geneva, 27–31 August 2018

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), the European River-Sea-Transport Union (ERSTU) and the European Skippers Organisation (ESO)*, **

Introduction

1. The representatives of the inland navigation sector submitted documents for consideration of this topic at the twenty-ninth session and again at the thirty-first session of the ADN Safety Committee. At the thirty-first session, we stated that the inland navigation sector's request was focused on achieving three objectives:

- (a) Greater clarity and improved transparency of 7.1.4.1.1 by means of a different presentation;
- (b) Clarification by bringing together the ranges of quantities in 7.1.4.1.1;
- (c) Removal of the maximum limit of 1,100 tonnes for the quantities in 7.1.4.1.2.

2. During the discussion at the thirty-first session of the ADN Safety Committee, it became clear that there was no basis for discussion of objectives (b) and (c) mentioned in paragraph 1 above. The Safety Committee nevertheless agreed that the issue should be addressed in the context of a correspondence group.

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3. To date, the request has not yet been addressed through a correspondence group. The navigation sector has taken note of, and accepts for the moment, the rejection of objectives (b) and (c) in paragraph 1.

4. However, we reiterate our wish for greater clarity and transparency by means of a change to the presentation of 7.1.4.1. This is necessary in particular to make the issue understandable for users who do not consult ADN regularly.

Proposal

5. Replace the wording of paragraphs 7.1.4.1.1, 7.1.4.1.2 and 7.1.4.1.3 by the following text:

“7.1.4.1 **Limitation of the quantities carried**

Some⁽¹⁾ dangerous goods of Classes 1,⁽²⁾ 2, 3, 4.1, 4.2, 4.3, 5.1, 5.2, 6.1, 7, 8 and 9 may be transported only in limited quantities, in accordance with 7.1.4.1.1, 7.1.4.1.2 and 7.1.4.1.3.

For pushed convoys and side-by-side formations, the quantity limitations specified in 7.1.4.1.1, 7.1.4.1.2 and 7.1.4.1.3 apply to each unit, with a maximum of 1,100,000 kg permitted for each unit.

7.1.4.1.1 Double-hull vessels that meet the additional rules for 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 Class 1 dangerous goods specified in 7.1.4.1.3.

Such vessels 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 on the quantity carried.

Notwithstanding this provision, dangerous goods for which a model No. 1 danger label is required in column (5) of Table A in Chapter 3.2 may be carried on board each unit only in the quantities set out in 7.1.4.1.3.⁽³⁾

7.1.4.1.2 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.

NOTE: Where the quantity indication “No limitation” is shown in 7.1.4.1.3, these goods may be carried in unlimited quantities.⁽⁴⁾

7.1.4.1.3 Table (see pages 4 and 5 of the present document)

Paragraphs 7.1.4.1.4 to 7.1.4.1.6 remain unchanged.

Comments

- (1) The addition of the word “some” indicates from the outset that different requirements may apply to different classes.
- (2) The new quantity limits proposed in table 7.1.4.1.3 also apply for Class 1 goods. Class 1 should therefore be mentioned in the introductory text of the new 7.1.4.1.
- (3) Class 1 goods are not mentioned in 7.1.4.1.3 in the 2017 version of ADN. Double-hull vessels that meet the additional rules of construction under subsections 9.1.0.88 to 9.1.0.95 or 9.2.0.88 to 9.2.0.95 are not permitted to carry goods of Class 1 without quantity limits. These vessels must observe the quantity limits that have been mentioned to date in 7.1.4.1.1 or are set out in 7.1.4.1.3 of this proposal.
- (4) The use of the term “No limitation” in this context means that quantities of more than 1,100,000 kg are allowed in such cases.

Note to the Secretariat

6. Footnotes ⁽¹⁾ to ⁽⁴⁾ contain clarifications to facilitate understanding of the new text. They are not intended to be printed in ADN.

7.1.4.1.3 Quantity limitations

Class	Description	Gross mass on board vessel							
		0 kg	90 kg	15,000 kg	50,000 kg	120,000 kg	300,000 kg	1,100,000 kg	No limitation
1	All substances and articles of Division 1.1, compatibility group A ¹⁾		X						
	All substances and articles of Division 1.1, compatibility groups B, C, D, E, F, G, J or L ²⁾			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 ³⁾						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 ²⁾			X					
	All articles of Division 1.6, compatibility group N ³⁾						X		
	Empty packaging, uncleaned							X	
NOTE:									
<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 label No. 6.1 is required in column (5) of Table A of Chapter 3.2: total				X				
	Other goods: total						X		

Class	Description	Gross mass on board vessel						
		0 kg	90 kg	15,000 kg	50,000 kg	120,000 kg	300,000 kg	1,100,000 kg No limitation
4.1	UN Nos. 3221, 3222, 3231 and 3232, total		X					
	All goods of packing group I;				X			
	All goods of packing group II for which label 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							
	Other goods							X
4.2	All goods of packing groups I or II for which label 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 label 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 label 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						

Class	Description	Gross mass on board vessel						
		0 kg	90 kg	15,000 kg	50,000 kg	120,000 kg	300,000 kg	1,100,000 kg No limitation
	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 label No. 3 or 6.1 is required in column (5) of Table A in 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