



# Economic and Social Council

Distr.: General  
5 May 2023

Original: English

---

## 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)

#### Forty-second session

Geneva, 21-25 August 2023

Item 4 (b) of the provisional agenda

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

### **Proposal for correction of paragraph 7.2.2.19.3**

**Transmitted by the Informal Group of ADN Recommended Classification Societies\*,\*\***

#### **Introduction**

1. At its twenty-fifth meeting, the Informal Group of Classification Societies discussed the content of paragraph 7.2.2.19.3 with the requirements for vessels used for propulsion of a pushed convoy or a side-by-side formation comprising a tank vessel carrying dangerous substances. The group concluded that during different re-numberings and adaptations of Part 9 during the last years some references in paragraph 7.2.2.19.3 were not fully correctly adapted. A study of the actual requirements shows that, in opinion of the group, the following references in bold need to be corrected:

"7.2.2.5, 8.1.4, 8.1.5, 8.1.6.1, 8.1.6.3, 8.1.7, 8.3.5, **9.3.3.0.1, 9.3.3.0.3.1, 9.3.3.0.5, ...**"

2. As a reference, the group compared the content of the requirements for 7.2.2.19.3 from ADN 2009 with the content of actual references and identified the following discrepancies in 7.2.2.19.3.

---

\* Distributed in German by the Central Commission for the Navigation of the Rhine under the symbol CCNR-ZKR/ADN/WP.15/AC.2/2023/18

\*\* A/77/6 (Sect. 20), table 20.6.



3. A table with the comparison is presented below:

<b>References in ADN 2009</b>	<b>Reference to the same requirements in ADN 2023</b>
9.3.3.0.1 (a) The vessel's hull and the cargo tanks shall be constructed of shipbuilding steel or other at least equivalent metal.	9.3.3.0.1.1
The independent cargo tanks may also be constructed of other materials, provided these have at least equivalent mechanical properties and resistance against the effects of temperature and fire.	9.3.3.0.1.3
9.3.3.0.1 (b) Every part of the vessel including any installation and equipment which may come into contact with the cargo shall consist of materials which can neither be dangerously affected by the cargo nor cause decomposition of the cargo or react with it so as to form harmful or hazardous products.	9.3.3.0.2
9.3.3.0.1 (c) Inside vapour pipes and gas discharge pipes shall be protected against erosion.	9.3.3.0.1.2
9.3.3.0.3 (d) All permanently fitted materials in the accommodation or wheelhouse, with the exception of furniture, shall not readily ignite. They shall not evolve fumes or toxic gases in dangerous quantities, if involved in a fire.	9.3.3.0.6
9.3.3.0.5 The use of plastic material for vessel's boats is permitted only if the material does not readily ignite.	9.3.3.0.4 last line from table

## **Proposal for amendment**

4. The ADN Safety Committee is requested to consider and adopt the below proposals to correct 7.2.2.19.3 for the next version of ADN:

- (a) "9.3.3.0.1" needs to be replaced by "9.3.3.0.1.1, 9.3.3.0.1.2, 9.3.3.0.1.3 and 9.3.3.0.2";
- (b) "9.3.3.0.3.1" needs to be deleted, this paragraph does not exist in 9.3.3;
- (c) "9.3.3.0.5" needs to be changed into "9.3.3.0.4 last line from table 4";
- (d) 9.3.3.0.6 needs to be added.
- (e) The transitional provision for 7.2.2.19.3 needs also to be adapted (proposal in bold and italic style) as follows:

7.2.2.19.3	<p>Vessels used for propulsion</p> <p>Adaptation to new provisions</p> <p>Provisions of 9.3.3.12.4, 9.3.3.51 and 9.3.3.52.1 to 9.3.3.52.8</p>	<p>N.R.M. from 1 January 2019</p> <p>Renewal of certificate of approval after 31 December 2034</p> <p>Until that date, the following requirements apply to vessels in service:</p> <p>Vessels moving a pushed convoy or a side-by-side formation shall comply with the requirements of the following sections, subsections and paragraphs: 1.16.1.1, 1.16.1.2, 1.16.1.3, 7.2.2.5, 8.1.4, 8.1.5, 8.1.6.1, 8.1.6.3, 8.1.7, <b><u>9.3.3.0.1.1, 9.3.3.0.1.2, 9.3.3.0.1.3, 9.3.3.0.2, 9.3.3.0.3.1, 9.3.3.0.4 last line from table 4, 9.3.3.0.6,</u></b> 9.3.3.10.1, 9.3.3.10.4, 9.3.3.12.4 (a) except the wheelhouse, 9.3.3.12.4 (b) except for the t90 response time, 9.3.3.12.4 (c), 9.3.3.12.6, 9.3.3.16, 9.3.3.17.1 to 9.3.3.17.4, 9.3.3.31.1 to 9.3.3.31.5, 9.3.3.32.2, 9.3.3.34.1, 9.3.3.34.2, 9.3.3.40.1 (although a single fire or ballast pump is sufficient), 9.3.3.40.2, 9.3.3.41, 9.3.3.50.1 (c), 9.3.3.50.2, 9.3.3.51, 9.3.3.52.6, 9.3.3.52.7, 9.3.3.52.8, 9.3.3.56.5, 9.3.3.71 and 9.3.3.74, when at least one vessel of the convoy or side-by-side formation is carrying dangerous goods.</p> <p>The requirement of 9.3.3.10.4 may be met by fitting vertical protection walls not less than 0.50 m in height.</p> <p>Vessels moving only type N open tank vessels do not have to meet the requirements of paragraphs 9.3.3.10.1, 9.3.3.10.4 and 9.3.3.12.6. These derogations shall be specified in the certificate of approval or the provisional certificate of approval as follows: "Permitted derogations": "Derogation from 9.3.3.10.1, 9.3.3.10.4 and 9.3.3.12.6; the vessel may only move type N open tank vessels."</p>
------------	-----------------------------------------------------------------------------------------------------------------------------------------------	--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------