



# Economic and Social Council

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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)

#### Twenty-ninth session

Geneva, 22-25 August 2016

Item 4 (b) of the provisional agenda

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

### Materials of construction

**Transmitted jointly by the European Barge Union (EBU), the European River Sea Transport Union (ERSTU) and the European Skippers Organization (ESO)<sup>1,2</sup>**

### Introduction

1. At its twenty-eighth session, the ADN Safety Committee agreed in principle to present the content of 9.3.1.0.1 as a table. The model for such a table presented by the navigation industry at the twenty-eighth session included movable items of equipment. However, requirements relating to movable items of equipment must appear in Part 7 of the Regulations.

The inland navigation industry was thus invited to submit a new proposal taking this into consideration.

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<sup>1</sup> Distributed in German by the Central Commission for the Navigation of the Rhine under the symbol CCNR-ZKR/ADN/WP.15/AC.2/2016/41.

<sup>2</sup> In accordance with the draft programme of work of the Inland Transport Committee for 2016-2017 (ECE/TRANS/2016/28/Add.1 (9.3)).



## Proposal 1

2. The inland navigation associations maintain their proposal to present the current content of 9.3.x.0.3 (a) to (c) as a table. A proposal to that effect is attached to this document. **Movable items of equipment are no longer included in the table.** Subparagraph (d) of 9.3.x.0.3 remains unchanged.

## Proposal 2

3. The inland navigation associations propose inserting the following subsection at the appropriate place in Part 7 of the Regulations:

“In the cargo area, movable items of equipment may be used only if produced with 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. Rubber mats shall be permitted only if produced with non-conducting material.”

Comment: Wording based on 9.3.1.0.1.

## Proposal 3

4. 9.3.x.0.5 reads as follows:

“The use of plastic material for vessel’s boats is permitted only if the material does not readily ignite.”

9.3.x.0.5 is to be amended as follows:

“The use of plastic material for vessel’s boats in the cargo area is permitted only if the material does not readily ignite.

The use of aluminium alloys or of plastic material for passageways (gangways) in the cargo area is permitted only if the material is not readily flammable and electrically conductive.”

## Justification

5. The Safety Committee has already approved the presentation of the contents of subsection 9.3.1.0.3 in a table. The elimination of movable items of equipment satisfies the request of the Safety Committee. In light of the large number of movable items of equipment that is possible, the wording of the requirement in Part 7 should be general in nature.

The aim of the proposal is merely to improve understanding and to provide clarification.

**Proposal 1 — 9.3.x.0.3 (request of EBU/ERSTU/ESO)**

|  | <i>Wood</i> | <i>Aluminium alloys</i> | <i>Plastic materials</i> | <i>Rubber</i> |
|--|-------------|-------------------------|--------------------------|---------------|
| Gangways   | X           | X                       | X                        |               |
| External ladders and passageways (gangways)  |             | X                       | X                        |               |
| Chocking of cargo tanks which are independent of the vessel's hull and chocking of installations and equipment | X           |                         | X                        |               |
| Masts, flagpoles and similar round timber  | X           | X                       | X                        |               |
| Engine parts   |             | X                       | X                        |               |
| Protective casing of motors and pumps  |             |                         | X                        |               |
| Parts of the electrical installation, including insulation, gaskets, etc.                                      |             | X                       | X                        | X             |
| Parts of the loading and unloading equipment, including gaskets, etc.  |             | X                       | X                        | X             |
| Boxes, lockers or containers located on deck for the storage of movable items of equipment                     |             | X                       | X                        |               |
| Supports and stops of any kind   | X           |                         | X                        | X             |
| Ventilators, including hose assemblies for ventilation   |             | X                       | X                        |               |
| Parts of the water spray and shower system and of the eye and face bath installation                           |             | X                       | X                        |               |
| Insulation of cargo tanks, piping for loading and unloading and venting and heating piping                     |             | X                       | X                        | X             |
| Coating of cargo tanks and of pipes for loading and unloading  |             | X                       | X                        |               |

Aluminium gauging rods are permitted provided that they are fitted with brass feet or protected in another way to avoid sparking.