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Item 5 (b) of the provisional agenda

Proposals for amendments to RID/ADR/AND: new proposals

Carriage of UN No. 1057 Lighters or Lighter Refills in small quantities

Transmitted by the government of Germany^{1, 2}

Summary

Explanatory summary: The intention of the proposal is to introduce easier rules in the regulations for the carriage of UN No. 1057 Lighters or Lighter Refills.

Action to be taken: Add a new special provision to facilitate the carriage of articles of UN No. 1057 under specified conditions.

Related documents: Multilateral agreement M213 (Austria)

¹ In accordance with the programme of work of the Inland Transport Committee for 2010–2014 (ECE/TRANS/208, para.106, ECE/TRANS/2010/8, programme activity 02.7 (c)).

² Circulated by the Intergovernmental Organisation for International Carriage by Rail (OTIF) under the symbol OTIF/RID/RC/2011/2.

Introduction

1. Up to now, the dangerous goods regulations have not made it possible to carry articles of UN No. 1057 under the conditions of Chapter 3.4 (limited quantities) or 3.5 (exempted quantities). When these articles are carried, even in the smallest quantities (e.g. as advertising products or gifts), this leads to problems which either make it considerably more difficult to consign them from the point of view of economics, or which in practice lead to the dangerous goods regulations being disregarded. In the past therefore, such consignments have partly been allowed under national exceptions and various States have also concluded a multilateral agreement (M213) on this in accordance with ADR 1.5.1.

2. As Germany is convinced that such transport might be significant throughout Europe and exceptions or agreements according to ADR 1.5.1 do not offer a long-term solution to the problem, it is proposed that a new special provision for UN No.1057 be included, the effect of which would be to provide a long-term standard rule.

Proposal

3. Germany proposes the following new special provision in Chapter 3.3:

"6XX: The carriage of UN No. 1057 LIGHTERS or LIGHTER REFILLS complying with standard EN ISO 9994:2006 + A1:2008 "Lighters – Safety Specification", shall only be subject to the provisions of 3.4.1 (a) to (h), 3.4.2, 3.4.3 and 3.4.11, provided the following conditions are met:

- the total gross mass of the packages is not more than 5 kg,
- not more than 100 kg gross mass of such packages is carried in a wagon/vehicle; and
- each outer packaging is clearly and durably marked with "UN No. 1057 LIGHTERS" or "UN No. 1057 LIGHTER REFILLS"."

Justification

4. Safety:

As far as is known at present, only the carriage of large quantities of articles of UN No. 1057 is problematic, because of the possibility of a very small amount of gas being released, hence ruling out general carriage under the conditions of Chapters 3.4 and 3.5. Germany has the results of tests which clearly demonstrate that this basic problem in the carriage of articles of UN No. 1057 still exists. For this reason, only an amendment to the law for European inland traffic is being proposed. Amendment of the UN Model Regulations and the IMDG Code is specifically ruled out.

5. Feasibility:

The rule being proposed concerns the consignor and carrier of articles of UN No. 1057 and gives them a safe framework in which to carry out this type of transport. No transitional provision is required. The rule is based largely on the provisions of Chapter 3.4 and also takes account of the marking provisions that are prescribed in similar cases (e.g. special provision 653).