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INLAND TRANSPORT COMMITTEE

Working Party on the Transport
of Dangerous Goods
(Seventy-second session,
Geneva, 13-17 May 2002)

PROPOSALS OF AMENDMENTS TO ANNEXES A AND B OF ADR

Part 1 of ADR

Paragraph 1.1.3.6.2 of the restructured ADR - Provisions concerning exemptions
related to quantities carried per transport unit

Transmitted by the Government of the Netherlands

SUMMARY

- Executive Summary:** The proposal aims to make enforcement on the transport of fireworks more efficient and practicable.
- Action to be taken:** Amend the current text of paragraph 1.1.3.6.2
- Related documents:** None

Introduction

Due to the disaster with fireworks in the Netherlands many investigations and actions have been taken. At this moment it is clear that the classification of fireworks is the main issue. In the Sub-Committee of Experts on the Transport of Dangerous Goods they are dealing with the classification of fireworks. The Sub-Committee took in principle a positive decision concerning the use of a so called default list. In the July-meeting of the Sub-Committee

a working group will come together to discuss the use of a default list more in detail. In the joint meeting (RID/ADR) a decision was taken for an authorization system concerning fireworks. The WP.15 confirmed this decision in their meeting in November last year. Decisions taken or coming up as explained, will influence the correctness of the classification.

Although this can resolve a lot of problems concerning the classification of fireworks, which is indeed the most severe risk, there is still an immense problem for the enforcement. The possibility of controlling the correctness of the classification must be increased. In the ADR paragraph 1.1.3.6.2 related to paragraph 1.1.3.6.3 (table) is now stated that the provisions in Chapter 5.3 of the ADR should not be taken into account if they are belonging to a certain transport category or if they have a value calculated in accordance with paragraph 1.1.3.6.4. This means that in practice firework with UN no 0337 cannot be recognized at all during transport due to the fact that for the application of transport category 4 the maximum quantity is unlimited. Firework with UN no 0336 are limited to 333 kg. net explosive mass. Inspection of transport units, loaded with only firework UN. No 0337 and partly UN. no 0336 (net explosive mass 333 kg) is a lucky shot.

Therefore, keeping in mind the problems with the transport of fireworks, it is very important that the transport of fireworks is more recognizable. A way to accomplish this is to change a part of the text in paragraph 1.1.3.6.2. so that fireworks are in most cases recognizable during transport en therefore more enforceable.

Proposal

Amend the text of 1.1.3.6.2 to read after the second dash:

"Chapter 5.3, except for fireworks UN Nos. 0337 (1.4S) and/or 0336 (1.4G) with a net explosive mass of more than 20 Kg."

Justification

The text of 1.1.3.6.2 should be amended as proposed due to the following reasons:

- 1) Marking and labeling of the transport unit is due to this amendment mandatory for all the fireworks with a net explosive mass of more than 20 kg.
- 2) All the other exemptions as mentioned in 1.1.3.6.2 for fireworks with the UN Nos. 0336 and 0337, in relation with the table in 1.1.3.6.3 will be kept valid.

Safety implications

The proposed amendment does not affect the safety during transport of fireworks. It only makes the transport of fireworks recognizable and therefore more enforceable.

Feasibility

The proposed amendment will create only extra costs for the labeling and/or marking. No practical problems will occur.

Enforceability

The proposed amendment will make sure that the regulations concerning the transport of fireworks will be more easy to enforce.
