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INLAND TRANSPORT COMMITTEE**Working Party on the Transport
of Dangerous Goods**
(Seventy-third session,
Geneva, 4 - 8 November 2002)**PROPOSALS OF AMENDMENTS TO ANNEXES A AND B OF ADR****Part 5 of ADR****5.3.2 Orange-coloured plate marking****Submitted by the Government of Germany****SUMMARY**

Executive Summary:	The aim of the application is to align the orange-coloured plate marking provisions for battery-vehicles in paragraph 5.3.2.1.2 ADR.
Action to be taken:	Amend the text in 5.3.2.1.2 ADR as shown under "Proposal".
Related documents:	---

Introduction

According to marginal 10 500 (2) Annex B ADR 1999 orange-coloured plates with identification numbers shall be fixed on the sides of each tank or tank compartment of tank-vehicles or transport units having one or more tanks carrying dangerous goods covered by Appendix B5.

The definition "tank" in marginal 10 014 includes all kinds of elements of battery-vehicles, regardless of whether the elements of the battery-vehicle consists of cylinders, tubes, bundles of cylinders, pressure drums or tanks.

The text of marginal 10 500 (2) was taken over unchanged in paragraph 5.3.2.1.2 ADR 2001 as far as the transport units (... tanks vehicles or transport units having one or more tanks) are concerned. The definition "tank" in Chapter 1.2 ADR 2001 has changed compared to ADR 1999 in so far as the definition "tank" in connection with battery-vehicles now includes only tanks as elements of battery-vehicles.

So battery-vehicles with elements of cylinders, tubes, bundles of cylinders and pressure drums, are - according to 5.3.2.1.2 ADR 2001 - not to be provided with orange-coloured plates with identification numbers.

Proposal

Amend the text in paragraph 5.3.2.1.2 to read as follows:

“When a hazard identification number is indicated in Column (20) of table A of Chapter 3.2, tank-vehicles, battery-vehicles or transport units having one or more tanks carrying dangerous goods shall in addition display on the sides of each tank, each tank compartment or each element of battery-vehicles, clearly visible and parallel to the longitudinal axis of the vehicle, orange-coloured plates identical with those prescribed in 5.3.2.1.1. These orange-coloured plates shall bear the hazard identification number and the UN number prescribed respectively in Columns (20) and (1) of table A of Chapter 3.2 for each of the substances carried in the tank, in a compartment of the tank or in an element of a battery-vehicle. However, in such case, if all compartments or elements have to bear the same hazard identification number and the UN number, this hazard identification number and this UN number need be displayed only once along each side and at the rear of the vehicle.”

(Changes with regard to the current text are underlined.)

Justification

By the amendment of the text, the orange-coloured plate marking provisions for battery-vehicles will be aligned - according to the provisions in ADR 1999.

The last sentence of the amendment aligns the provisions for orange-coloured plate marking with those for placards (see addition to paragraph 4.3.1.4 in ADR 2003). In addition, as paragraph 4.3.3.3 prescribes that all elements of a battery-vehicle shall contain one and the same gas, it avoids an "over-marking" of the vehicles.

Safety implications

Because of the proposed amendment, it will be possible to recognize from a correct orange-coloured plate marking on transport units carrying dangerous goods of class 2 whether the transport unit is a battery-vehicle or a transport unit with cylinders, tubes, bundles of cylinders or pressure drums.

This knowledge is important for the action of the rescue parties. So the proposed amendment improves the level of safety in particular for the actions of rescue parties.

Feasibility

The proposed amendment will not create practical problems.

Enforceability

There are no problems expected in enforcing the amendment because the proposed regulation corresponds to the provisions of ADR 1999.
