

Economic Commission for Europe

Inland Transport Committee

Working Party on the Transport of Dangerous Goods**Joint Meeting of the RID Committee of Experts and the Working Party on the Transport of Dangerous Goods**

Bern, 17–21 March 2014

Item 6 (b) of the provisional agenda

**Proposals for amendments to RID/ADR/ADN:
new proposals**

19 March 2014

Modification of RID/ADR 5.5.3, modification to ECE/TRANS/WP.15/AC/2014/25**Transmitted by the Government of Austria and Spain**

Since the publication of ECE/TRANS/WP.15/AC/2014/25, two circumstances have made it advisable to include slight modifications to the initial text proposed:

- When preparing the German language version, OTIF Secretariat noted a few editorial problems (these already have been included into the German language version published by OTIF) and
- The Post asked for a modification of the criteria for separating the cabin of the driver and the cargo compartment

These amendments have been included into this informal document; changes on the text of ECE/TRANS/WP.15/AC/2014/25 are marked underlined and highlighted.

Proposals**1. Proposal**

In RID/ADR 5.5.3.1.5, delete the last sentence:

"5.5.3.1.5 Sub-sections 5.5.3.6 and 5.5.3.7 only apply when there is an actual risk of asphyxiation in the wagon/vehicle or large container. It is for the participants concerned to assess this risk, taking into consideration the hazards presented by the substances being used for cooling or conditioning, the amount of substance to be carried, the duration of the journey and the types of containment to be used. "

2. Proposal (ADR only)

Amend 5.5.3.3.3 to read as follows:

"5.5.3.3.3 Packages containing a coolant or conditioner shall be carried in well ventilated vehicles and containers. Marking according to 5.5.3.6 is not required in this case.

Ventilations is not required if:

- gas exchange between the load compartment and the drivers cabin is prevented
- the load compartment is insulated, refrigerated or mechanically refrigerated equipment, for example as defined in the Agreement on the International Carriage of Perishable

Foodstuffs and on the Special Equipment to be **U**sed for such **C**arriage (ATP) where this requirement is fulfilled.

Note: in this context “well ventilated” means to ensure that carbon dioxide is below 0,5% and that oxygen content is above 19%.”

3. Proposal (RID only)

Amend 5.5.3.3.3 to read as follows:

“5.5.3.3.3 Packages containing a coolant or conditioner shall be carried in well ventilated **vehicles/wagons** and containers. This provision does not apply when such packages are carried in insulated, refrigerated or mechanically refrigerated equipment, *for example* as defined in the **Agreement on the** International Carriage of Perishable Foodstuffs and on the Special Equipment to be **U**sed for such Carriage (ATP).

Note: in this context “well ventilated” means to ensure that carbon dioxide is below 0,5% or that oxygen content is above 19%.”

4. Proposal

Amend 5.5.3.6.1 to read as follows:

5.5.3.6.1 *Not well ventilated vehicles/wagons and containers* containing dangerous goods used for cooling or conditioning shall be marked with a warning mark, as specified in 5.5.3.6.2 affixed at each access point in a location where it will be easily seen by persons opening or entering the vehicle/**wagon** or container. This mark shall remain on the vehicle/**wagon** or container until the following provisions are met:

- (a) The vehicle/**wagon** or container has been ventilated to remove harmful concentrations of coolant or conditioner; and
- (b) The cooled or conditioned goods have been unloaded.

5. Proposal

In Table A for UN 1845 replace “NOT SUBJECT TO ADR - When used as a coolant, see 5.5.3” by “*Only provisions of 5.5.3 apply*”

Amend 5.5.3.1.1 to read as follows:

“**5.5.3.1.1** This section is not applicable to substances which may be used for cooling or conditioning purposes when carried as a consignment of dangerous goods, **except for the transport of dry ice (UN 1845)**. When they are carried as a consignment, these substances shall be carried under the relevant entry of Table A Chapter 3.2 in accordance with the associated conditions of carriage.

*For UN 1845, the conditions of transport specified in this section, except 5.5.3.3.1, do apply for all kinds of transport, as a coolant, conditioner, or as a consignment. For the carriage of UN 1845, no other provisions of **RID/ADR** do apply.*

