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**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, 26-30 March 2007  
Agenda item 5

**PROPOSALS FOR AMENDMENTS TO RID/ADR/ADN\***

**Securing of folding panels**

**Transmitted by the Government of Belgium**

When tank-wagons for multiple use are utilized, folding panels are sometimes employed for the orange-coloured plates and the placards, or as a system for masking the marking and placarding when the tank is empty and has been cleaned (see photos in annex 1).

When such a system is used, it is obviously important that the panel should not unfold following impacts during carriage, as that might mask the marking, or result in it giving inaccurate information.

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\* Circulated by the Intergovernmental Organisation for International Carriage by Rail (OTIF) under the symbol OTIF/RID/RC/2007/3.

## **Introduction**

UIC leaflets 573 (Technical conditions for the construction of tank wagons) and 471-3 (Inspections of dangerous goods consignments) address this question and stipulate that such folding flaps must be robust and be designed and secured so as to prevent any accidental unfolding or loosening as a result of impacts or unintentional actions.

At its October 2006 session, the RID Committee of Experts adopted similar provisions in RID 4.3.3.4.1 (a) and 6.8.3.5.7 for the load limit panel (see annex 2, text adopted by the RID Committee of Experts).

The RID Committee of Experts was of the view that the Joint Meeting should consider the incorporation of a similar provision in 5.3.1 and 5.3.2, as such folding panel systems could be used for marking in both road and rail transport.

## **Proposal**

### Proposal 1

Add a new 5.3.1.1.6:

“When the placarding is affixed to folding flaps, they shall be designed and secured so that they cannot unfold or come loose from the frame during carriage (especially as a result of impacts or unintentional actions).”

### Proposal 2

Add a new 5.3.2.2.5:

“When the orange-coloured plate [(RID only) or the alternative marking referred to in 5.3.2.2.1] is affixed to folding flaps, they shall be designed and secured so that they cannot unfold or come loose from the frame during carriage (especially as a result of impacts or unintentional actions).”

Annex 1



## Annex 2

### TEXT ADOPTED BY THE RID COMMITTEE OF EXPERTS

4.3.3.4.1 (a) The second sentence should read as follows:

Tank-wagons for multiple use shall especially be checked to ensure that the correct folding panels are visible and securely fixed by the means referred to in 6.8.3.5.7 on both sides of the wagon.

**6.8.3.5.7** The load limits in accordance with 6.8.2.5.2

- for compressed gases filled by mass,
- for liquefied or refrigerated, liquefied gases and
- for dissolved gases,

shall be determined in the light of the maximum permissible load mass of the shell, depending on the substance carried; in the case of multi-purpose shells, the name in full of the particular gas being carried shall be stated together with the load limit on the same moveable panel. **The folding panels shall be designed and be capable of being secured so that they cannot unfold or become loose from the frame during carriage (especially as a result of impacts or unintentional actions).**

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