

OTIF



**ORGANISATION INTERGOUVERNEMENTALE POUR
LES TRANSPORTS INTERNATIONAUX FERROVIAIRES**

**ZWISCHENSTAATLICHE ORGANISATION FÜR DEN
INTERNATIONALEN EISENBAHNVERKEHR**

**INTERGOVERNMENTAL ORGANISATION FOR INTER-
NATIONAL CARRIAGE BY RAIL**

OTIF/RID/CE/GTP/2012/6

20 September 2012

Original: German

RID: 1st Session of the RID Committee of Experts' standing working group
(Riga, 12 – 15 November 2012)

Subject: Chapter 5.4, Special Provisions for Class 1 –
Alignment of RID 5.4.1.2.1 (a) with ADR/ADN

Proposal transmitted by the International Union of Railways (UIC)

Introduction

1. The special provisions for Class 1 in 5.4.1.2.1 (a) of ADR/ADN say that in addition to the requirements in 5.4.1.1.1 (f), the transport document shall indicate
 - the total net mass, in kg, of explosive contents for each substance or article bearing a different UN number;
 - the total net mass, in kg, of explosive contents for all substances and articles covered by the transport document.
2. RID 5.4.1.2.1 (a) reads:

"In addition to the information in accordance with 5.4.1.1.1, the transport document shall indicate the net mass in kg of explosive substance. For wagon loads or full wagon loads, the transport document shall indicate the number of packages, the mass of each package in kg and the total net mass in kg of explosive substance*."

(*This English text has been aligned with the French and German versions of RID 5.4.1.2.1 (a), which are correct).

For reasons of cost, only a limited number of copies of this document have been made. Delegates are asked to bring their own copies of documents to meetings. OTIF only has a small number of copies available.

3. According to 5.4.1.5.1 of the UN Model Regulations, the transport document must indicate the total quantity of each dangerous good bearing a different UN number, a different proper shipping name or a different packing group (by volume or mass as appropriate). For dangerous goods of Class 1, the net mass of explosive substance must be indicated. In addition, information on the number and kind of packages is required.
4. The UN Model Regulations do not require information on the mass of each individual package, as required in the second [current English version: first] sentence of RID 5.4.1.2.1 (a) for wagon loads or full wagon loads. Specific mention of the mass is only required if there are different UN numbers etc.
5. However, 5.4.1.1.1 (f) already contains a rule that applies to all classes in terms of providing information on the mass when there are different UN numbers.
6. It is not clear why RID contains a requirement above and beyond the UN Model Regulations to indicate separately the mass of each individual package. This is not necessary for any safety-related or other reasons.
7. The requirement in RID 5.4.1.2.1 (a) to indicate the number of packages is prescribed in the UN Model Regulations, but 5.4.1.1.1 (e) already contains a requirement for this which applies to all classes.
8. For these reasons, the second [current English version: first] sentence of RID 5.4.1.2.1 (a) could therefore be deleted. However, to make matters clearer and in the spirit of harmonisation, it would seem more sensible to align RID 5.4.1.2.1 (a) with the wording of ADR/ADN.

Proposal

9. Amend RID 5.4.1.2.1 (a) to read as follows:

"The transport document shall indicate, in addition to the requirements in 5.4.1.1.1 (f):

- the total net mass, in kg, of explosive contents²⁾ for each substance or article bearing a different UN number;
- the total net mass, in kg, of explosive contents²⁾ for all substances and articles covered by the transport document.

²⁾ For articles, "explosive contents" means the explosive substance contained in the article.

Justification

10. The proposed amendment has no negative impact on safety and is feasible without any problems. Harmonisation of the requirements in RID/ADR and ADN simplifies the provisions and facilitates intermodal transport.
