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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

Ad hoc Working Group on the Harmonization of RID/ADR/ADN
with the UN Recommendations on the Transport of Dangerous Goods

Geneva, 25-27 April 2017

**Harmonization with the United Nations Model
Regulations on the Transport of Dangerous Goods**

Additional comments and amendments

Note by the OTIF Secretariat

1. The OTIF Secretariat worked with the UNECE Secretariat on drafting the proposal for amendments to RID/ADR/ADN on the basis of the decisions taken by the UN Committee of Experts on the Transport of Dangerous Goods and on the Globally Harmonized System of Classification and Labelling of Chemicals at its December 2016 session.
2. Most of the OTIF Secretariat's comments have been taken into account in document ECE/TRANS/WP.15/AC.1/HAR/2017/1/Rev.1.
3. The OTIF Secretariat detected some other necessary amendments which, owing to the lack of time, could not be taken into account in document ECE/TRANS/WP.15/AC.1/HAR/2017/_1/Rev.1. Some of them also affect the original text of the UN Model Regulations.

Chapter 1.10

- 1.10.3** In the Note, replace "markings" by:
"marks" (twice).

Chapter 2.1

- 2.1.5** In relation to the introduction of the new concept of articles containing dangerous goods, n.o.s., it should be considered whether the complete exemption of UN 3363 has to be maintained or whether the essential requirements laid down in special provision 301 and packing provision P907

of 4.1.4.1 should also be applicable in the European land modes. In the latter case a number of consequential amendments would be necessary:

Chapter 1.1

1.1.3.1 Amend paragraph (b) to read as follows:

"(b) (Deleted)".

Chapter 2.2

2.2.9.1.14 In the Note, delete:

"UN No. 3363 DANGEROUS GOODS IN MACHINERY or UN No. 3363 DANGEROUS GOODS IN APPARATUS,/and UN No. 3363 dangerous goods in machinery or dangerous goods in apparatus".

2.2.9.3 For "Other substances and articles presenting a danger during carriage, but not meeting the definitions of another class M11", insert the following entry:

"3363 DANGEROUS GOODS IN MACHINERY or
3363 DANGEROUS GOODS IN APPARATUS".

Chapter 3.2, Table A:

Amend the entry for UN 3363 to read as follows:

UN No.	Name and description	Class	Classification code	Packing group	Labels	Special provisions	Limited and excepted quantities		Packaging		
									Packing instructions	Special packing	Mixed packing
(1)	(2)	(3a)	(3b)	(4)	(5)	(6)	(7a)	(7b)	(8)	(9a)	(9b)
3363	DANGEROUS GOODS IN MACHINERY OR DANGEROUS GOODS IN APPARATUS	9				301	0	E0	P907		

Chapter 3.2, Table B:

Replace "Dangerous goods in machinery or dangerous goods in apparatus" by:

"DANGEROUS GOODS IN MACHINERY OR DANGEROUS GOODS IN APPARATUS".

Under "Note/Remarks", delete "Exempt/Not subject to ADR [see also 1.1.3.1 (b)].".

Chapter 3.3

Insert special provision 301 of the UN Model Regulations as amended:

"301 This entry only applies to machinery or apparatus containing dangerous goods as a residue or an integral element of the machinery or apparatus. It shall not be used for machinery or apparatus for which a proper shipping name already exists in Table A of Chapter 3.2. Machinery and apparatus carried under this entry shall only contain dangerous goods which are authorized to be carried in accordance with the provisions of Chapter 3.4 (Limited quantities). The quantity of dangerous goods in machinery or apparatus shall not exceed the quantity specified in Column 7a of Table A of Chapter 3.2 for each

item of dangerous goods contained. If the machinery or apparatus contains more than one item of dangerous goods, the individual dangerous goods shall be enclosed to prevent them reacting dangerously with one another during carriage (see 4.1.1.6).

The competent authority may exempt from regulation machinery or apparatus which would otherwise be carried under this entry."

Chapter 4.1

4.1.4.1 Insert the following packing instruction:

P907	PACKING INSTRUCTION	P907
	<p>If the machinery or apparatus is constructed and designed so that the receptacles containing the dangerous goods are afforded adequate protection, an outer packaging is not required. Dangerous goods in machinery or apparatus shall otherwise be packed in outer packagings constructed of suitable material, and of adequate strength and design in relation to the packaging capacity and its intended use, and meeting the applicable requirements of 4.1.1.1.</p> <p>Receptacles containing dangerous goods shall conform to the general provisions in 4.1.1, except that 4.1.1.3, 4.1.1.4, 4.1.1.12 and 4.1.1.14 do not apply. For non-flammable, non-toxic gases, the inner cylinder or receptacle, its contents and filling density shall be to the satisfaction of the competent authority of the country in which the cylinder or receptacle is filled.</p> <p>In addition, the manner in which receptacles are contained within the machinery or apparatus, shall be such that under normal conditions of carriage, damage to receptacles containing the dangerous goods is unlikely; and in the event of damage to receptacles containing solid or liquid dangerous goods, no leakage of the dangerous goods from the machinery or apparatus is possible (a leakproof liner may be used to satisfy this requirement). Receptacles containing dangerous goods shall be so installed, secured or cushioned as to prevent their breakage or leakage and so as to control their movement within the machinery or apparatus during normal conditions of carriage. Cushioning material shall not react dangerously with the content of the receptacles. Any leakage of the contents shall not substantially impair the protective properties of the cushioning material.</p>	

"

2.1.5.4 Replace "Class 1, Class 6.2, Class 7" by:
"classes 1, 6.2 or 7".

Chapter 2.2

2.2.41.4 Additional amendment:
In the first paragraph, replace "see 4.2.5.2" by:
"see 4.2.5.2.6".

2.5.2.1.2 Renumber as "**2.2.51.1.7**".

2.2.52.4 Additional amendment:
In the first paragraph, replace "see 4.2.5.2" by:
"see 4.2.5.2.6".

Chapter 3.1

(ADR only:)

3.1.2.6 In paragraph (b), replace "in the Dangerous Goods List" by:
"in Column (2) of Table A of Chapter 3.2".

Chapter 3.2

Table A

UN 3539 In column (20), replace "20" by:
"26".

UN 3548 In column (20), insert:
"(RID only:) 90".

Chapter 3.3

SP 387 In the last but one sub-paragraph, replace "provisions of 2.2.9.1.7" by:
"requirements of 2.2.9.1.7"
(see current text in SP 240, 312, 363 (f) and 385)

Chapter 4.1

LP 905 In the second sentence, replace "and for cells and batteries contained in a single item of equipment" by:
"and for a single item of equipment containing cells or batteries".
In paragraph (2), amend the first sentence to read as follows:
"For a single item of equipment containing cells or batteries".
(The item of equipment is packed, not the cells and batteries contained in the item of equipment.)

LP 906 Amend the third sentence to read as follows:
"For a single battery and for a single item of equipment containing batteries".
(The item of equipment is packed, not the cells and batteries contained in the item of equipment.)
In the second sub-paragraph of paragraph (2), replace "energy content of the batteries" by:
"energy content of the battery".

Chapter 5.3

Additional amendment:

In the Note after the title, after "containers,", insert:
"bulk containers,".

(ADR only:)

5.3.2.1.4 Amend the amendment concerning the second sentence to read as follows:
"In the second sentence, replace "carried in bulk in the transport unit or in the container" by:
"carried in bulk in the transport unit, in the container or in the bulk container".
(The text after "for the packaged radioactive material when required to be carried under exclusive use" remains unchanged, as packaged radioactive material may not be carried in bulk containers.)