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**Committee of Experts on the Transport of Dangerous Goods
and on the Globally Harmonized System of Classification
and Labelling of Chemicals**

Sub-Committee of Experts on the Transport of Dangerous Goods

Fifty-sixth session

Geneva, 2-11 December 2019

Item 7 of the provisional agenda

**Global harmonization of transport of dangerous goods
regulations with the Model Regulations**

**Harmonization of RID/ADR/ADN with the 21st revised
edition of the United Nations Recommendations on the
Transport of Dangerous Goods, Model Regulations**

Note by the secretariat*

Introduction

1. This document was already submitted as informal document INF.30/Rev.1 at the fifty-fifth session of the Sub-Committee (1-5 July 2019). At that time, the Sub-Committee requested the secretariat to submit it as a working document at the next session (see ST/SG/AC.10/C.3/110, paragraph 95).
2. The RID/ADR/ADN Joint Meeting Ad Hoc Working Group on the harmonization of RID/ADR/ADN with the United Nations Recommendations on the Transport of Dangerous Goods met in Geneva on 24 and 25 April 2019. Its report and proposed amendments to RID/ADR/ADN will be submitted to the autumn session of the Joint Meeting (17–27 September 2019) as documents ECE/TRANS/WP.15/AC.1/2019/22 and -/Add.1.
3. The Ad Hoc Working Group raised some issues and asked the secretariat to bring them to the attention of the Sub-Committee.
4. The Sub-Committee may wish to consider the issues raised in paragraphs 14-17, 19, 20, 35, 36, 43, 45, 61, 63 and 64 of the report of the RID/ADR/ADN Joint Meeting Ad Hoc Working Group as reproduced below. Additional information and comments are provided in *italics*.
5. The Sub-Committee may also wish to consider the corresponding proposals of corrections to the 21st revised edition of the United Nations Recommendations on the transport of Dangerous Goods reproduced in Annexes I and II. The corrections in Annex II apply only to the French text.

* In accordance with the programme of work of the Sub-Committee for 2019–2020 approved by the Committee at its ninth session (see ST/SG/AC.10/C.3/108, paragraph 141 and ST/SG/AC.10/46, paragraph 14).



Extract from the report of the Ad Hoc Working Group on the Harmonization of RID/ADR/ADN with the United Nations Recommendations on the Transport of Dangerous Goods

Reference to “except for animal material” in table 1.10.3.1.2

Paragraphs 14 to 16 of ECE/TRANS/WP.15/AC.1/2019/22

“14. The representative of Germany indicated that while “animal material” used to be carried in cultures and therefore classified by default as infectious substance of category A, this was no longer the case. She pointed out that nowadays most “animal material” fulfilled the criteria for classification as category B.

15. It was also noted that animal material of Category A is currently not exempted as a high consequence dangerous goods in Chapter 1.4, table 1.4.1 of the Model Regulations. The Working Group considered that this inconsistency between the Model Regulations and the RID/ADR/ADN should be brought to the attention of the TDG Sub-Committee and invited the TDG Sub-Committee to consider how to address it (e.g.: either by including animal material of Category A in the list of high consequence dangerous goods for all modes or by deleting it).

16. The Working Group decided to keep the text between square brackets pending the feedback from the TDG Sub-Committee on this matter.”

Table 1.10.3.1.2 corresponds to Table 1.4.1 of the Model Regulations.

Assignment of fireworks to UN No. 0431

Paragraph 17 of ECE/TRANS/WP.15/AC.1/2019/22

“17. The Working Group considered that the text could be further clarified and suggested some editorial amendments that were placed between square brackets, on the understanding that they would be forwarded to the TDG Sub-Committee for consideration.”

See proposal of correction in Annex I (2.1.3.5.2).

Medical or clinical waste (2.2.62.1.11.1)

Paragraphs 19 and 20 of ECE/TRANS/WP.15/AC.1/2019/22

“19. Noting that the text in lower case characters was not part of the proper shipping name, the Working Group agreed that the mention “proper shipping name” should be replaced by “name” at the beginning of the new note 1 under 2.2.62.1.11.1. It was noted that the same amendment applied to note 1 in 2.2.62.1.4.1 and the note in 2.2.62.1.4.2.

20. Since these modifications were also relevant for the Model Regulations, it was agreed to bring them to the attention of the TDG Sub-Committee.”

For the Model Regulations, this only applies to Note 1 after 2.6.3.2.2.1 (b) for UN 2900. See proposal of correction in Annex I.

Technical name for UN Nos. 3077 and 3082 in 3.1.2.8.1.4

Paragraph 35 of ECE/TRANS/WP.15/AC.1/2019/22

“35. The Working Group felt that the wording of 3.1.2.8.1.4 could be further improved and proposed some editorial changes that would have to be submitted to the TDG Sub-Committee for consideration. In the meantime, the proposed amendments were placed between square brackets.”

Corresponds to SP274 in the Model Regulations. See proposal of correction in Annex I.

Chapter 3.3, Special provisions 360 and 388

Paragraph 36 of ECE/TRANS/WP.15/AC.1/2019/22

“36. The Working Group decided to place the proper shipping name of UN No. 3536 in special provisions 360 and 388 between square brackets, pending the decision of the TDG Sub-Committee on document ST/SG/AC.10/C.3/2019/8.”.

At the fifty-fifth session, the Sub-Committee decided to resume consideration of this issue at the next session.

Chapter 4.1, Packing instruction P622

Paragraph 43 of ECE/TRANS/WP.15/AC.1/2019/22

“43. The Working Group proposed an editorial correction to additional requirement 1 and agreed that it should be brought to the attention of the TDG Sub-Committee.”.

See proposal of correction in Annex I.

Chapter 4.1, Packing instruction P801

Paragraph 45 of ECE/TRANS/WP.15/AC.1/2019/22

“45. In addition, the Working Group adopted some editorial corrections to (2) (a) and (c) that were placed between square brackets, on the understanding that they would be brought to the attention of the TDG Sub-Committee.”.

See proposal of correction in Annex I.

Reference to “UN design type mark” in 6.1.3.1 (e) and use of “must” in 6.1.3.14, 6.5.2.1.3 and 6.6.3.3

Paragraph 61 of ECE/TRANS/WP.15/AC.1/2019/22

“61. The Working Group considered that the term “type approval mark” should be used in 6.1.3.1 (e) instead of “UN design type mark” and that “must” should be replaced by “shall” in the English version of 6.1.3.14, 6.5.2.1.3 and 6.6.3.3. It was agreed that these changes should be brought to the attention of the TDG Sub-Committee.”.

The last change applies to new 6.6.3.4, not 6.6.3.3. It is also proposed to amend the text of the first sentence of 6.1.3.1 (e) for further clarification. See proposals of correction in Annex I.

New text in 6.7.2.19.6, 6.7.3.15.6 and 6.7.4.14.6

Paragraphs 63 and 64 of ECE/TRANS/WP.15/AC.1/2019/22

“63. The Working Group decided to renumber current 6.7.2.19.6, 6.7.3.15.6 and 6.7.4.14.6 as 6.7.2.19.6.1, 6.7.3.15.6.1 and 6.7.4.14.6.1 and to transfer the proposed new text to the new paragraphs 6.7.2.19.6.2, 6.7.3.15.6.2 and 6.7.4.14.6.2 for better reference.

64. It was agreed that this should be brought to the attention of the TDG Sub-Committee.”.

Annex I

Proposals of corrections to the 21st revised edition of the United Nations Recommendations on the Transport of Dangerous Goods, Model Regulations

Corrections have been highlighted using strikethrough for deleted text and bold and underlined for new or amended text.

2.1.3.5.2, first sentence

For the existing text, *substitute*

Assignment of fireworks to UN Nos. 0333, 0334, 0335 or 0336, and **assignment of** articles to UN 0431 for those used for theatrical effects meeting the definition for article type and **the** 1.4G specification in the default fireworks classification table in 2.1.3.5.5 may be made on the basis of analogy, without the need for Test Series 6 testing, in accordance with the default fireworks classification table in 2.1.3.5.5.

Note: This proposal of correction was reviewed by the Explosive working group at the fifty-fifth session and the Explosive working group concluded that the proposed corrections simply improved the wording and did not change the meaning. See informal document INF.55 of the fifty-fifth session.

2.6.3.2.2.1 (b), Note 1, second sentence

For the existing text, *substitute*

The ~~proper shipping~~ name for UN 2900 is INFECTIOUS SUBSTANCE, AFFECTING ANIMALS only.

3.3, Special provision 274, last paragraph

For the existing text, *substitute*

For UN **Nos.** 3077 and UN 3082 only, the technical name may be a name shown in capital letters in column 2 of the Dangerous Goods List, provided that this name does not include “N.O.S.” and that special provision 274 is not assigned **to it**. The name which most appropriately describes the substance or mixture shall be used, e.g.:

UN 3082, ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (PAINT)

UN 3082, ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (PERFUMERY PRODUCTS)

4.1.4.1, Packing instruction P622, Additional requirement 1

For the existing text, *substitute*

Fragile articles shall be contained in either a rigid inner packaging or **a** rigid intermediate packaging.

4.1.4.1, Packing instruction P801 (2) (a)

For the existing text, *substitute*

(a) The bins shall be resistant to the electrolyte ~~that was~~ contained in the batteries;

4.1.4.1, Packing instruction P801 (2) (c)

For the existing text, *substitute*

(c) The outside of the bins shall be free of residues of electrolyte ~~contained in the batteries~~;

6.1.3.1 (e), note explaining the asterisk, second sentence

For the existing text, *substitute*

In such a case, **the indication of the year in the type approval mark may be waived when the clock is placed adjacent to the type approval mark**. However, when the clock is not placed adjacent to the **type approval mark**, the two digits of the year in the mark and in the clock shall be identical.

6.1.3.13

For the existing text, *substitute*

6.1.3.13 Where a packaging conforms to one or more than one tested packaging design type, including one or more than one tested IBC or large packaging design type, the packaging may bear more than one **type approval** mark to indicate the relevant performance test requirements that have been met. Where more than one mark appears on a packaging, the marks ~~must~~ **shall** appear in close proximity to one another and each mark ~~must~~ **shall** appear in its entirety.

6.5.2.1.3

For the existing text, *substitute*

6.5.2.1.3 Where an IBC conforms to one or more than one tested IBC design type, including one or more than one tested packaging or large packaging design type, the IBC may bear more than one mark to indicate the relevant performance test requirements that have been met. Where more than one mark appears on ~~a packaging~~ **an IBC**, the marks ~~must~~ **shall** appear in close proximity to one another and each mark shall appear in its entirety.

6.6.3.4

For the existing text, *substitute*

6.6.3.4 Where a large packaging conforms to one or more than one tested large packaging design type, including one or more than one tested packaging or IBC design type, the large packaging may bear more than one mark to indicate the relevant performance test requirements that have been met. Where more than one mark appears on a large packaging, the marks ~~must~~ **shall** appear in close proximity to one another and each mark ~~must~~ **shall** appear in its entirety.

Annex II

[French only]

Corrections applicables uniquement à la version française

4.1.9.2.4 e) ii), première phrase

Au lieu de opération spéciale, administrative ou opérationnelle *lire* opération spéciale administrative ou opérationnelle

5.1.5.3.1, phrase d'introduction

Au lieu de SCO-I et SCO III *lire* SCO-I ou SCO III

6.4.23.2.1 e)

Substituer au texte existant

e) Comporter tous les renseignements nécessaires pour que l'autorité compétente ait l'assurance que les prescriptions ~~applicables~~ du 4.1.9.2.4 e) et ~~elles~~ les prescriptions applicables du 7.1.8.2 sont satisfaites ;

6.5.2.2.4, premier paragraphe

Au lieu de Elles doivent être apposées de manière durable, lisible, et placées dans un endroit facilement accessible pour l'inspection lors de l'assemblage du récipient intérieur dans l'enveloppe extérieure *lire* Elles doivent être durables, lisibles, et placées dans un endroit facilement accessible pour l'inspection après assemblage du récipient intérieur dans l'enveloppe extérieure
