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

Report of the Joint Meeting of the RID Committee of Experts and the Working Party on the Transport of Dangerous Goods on its autumn 2019 session*

held in Geneva from 17–26 September 2019

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* Circulated by the Intergovernmental Organization for International Carriage by Rail (OTIF) under the symbol OTIF/RID/RC/2019-B. Unless otherwise indicated, the other documents referred to in this report under the symbol ECE/TRANS/WP.15/AC.1/ followed by the year and a serial number were circulated by OTIF under the symbol OTIF/RID/RC/ followed by the year and the same serial number.

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** For practical reasons, annex I has been published as addendum, with the symbol ECE/TRANS/WP.15/AC.1/156/Add.1.

I. Attendance

1. The Joint Meeting of the RID Committee of Experts and the Working Party on the Transport of Dangerous Goods of the United Nations Economic Commission for Europe was held in Geneva from 17 to 26 September 2019, with Mr. C. Pfauvadel (France) as Chair and Ms. S. García Wolfrum (Spain) as Vice-Chair.
2. In accordance with rule 1 (a) of the rules of procedure of the Joint Meeting, (ECE/TRANS/WP.15/AC.1/112/Add.2), representatives of the following countries participated as full members at the session: Austria, Belgium, Croatia, Czechia, Denmark, Finland, France, Germany, Italy, Latvia, Luxembourg, Netherlands, Poland, Romania, Russian Federation, Slovakia, Spain, Sweden, Switzerland, Turkey, United Kingdom and United States of America.
3. In accordance with rule 1 (b) of the rules of procedure, the Democratic Republic of the Congo was represented in a consultative capacity.
4. In accordance with rules 1 (c) and (d) of the rules of procedure, the following organisations were represented in a consultative capacity:
 - (a) European Union (European Commission and European Union Agency for Railways) and Organization for Cooperation between Railways (OSJD);
 - (b) International non-governmental organizations: Cosmetics Europe, Council on Safe Transportation of Hazardous Articles (COSTHA), European Association of Dangerous Goods Safety Advisers (EASA), European Chemical Industry Council (CEFIC), European Committee for Standardization (CEN), European Conference of Fuel Distributors (ECFD), European Cylinder Makers Association (ECMA), European Federation of Waste Management and Environmental Services (FEAD), European Industrial Gases Association (EIGA), Federation of European Aerosol Associations (FEA), Fertilizers Europe (FE), Fuels Europe, International Association of the Body and Trailer Building Industry (CLCCR), International Association for Soaps, Detergents and Maintenance Products (AISE), International Road Transport Union (IRU), International Confederation of Container Reconditioners (ICCR), International Tank Container Organisation (ITCO), Liquid Gas Europe, Union of Private Wagons (UIP) and International Union of Railways (UIC).

II. Opening of the session

5. Mr. Yuwei Li, the Director of the Sustainable Transport Division, informed the Joint Meeting about the recent changes in the Division, namely the creation of a new section “Road Safety Management and Dangerous Goods” and the appointment of Mr. Romain Hubert as Chief of Section, effective as from 1 June 2019. Mr. Li pointed out that the new section was established to contribute to the implementation of the Inland Transport Committee strategy on enhancement of road safety. The activities of the new section now include, in addition to transport of dangerous goods, those related to the secretariat servicing of the United Nations Trust Fund on Road Safety and of the United Nations Special Envoy for Road Safety. Mr. Li informed the Joint Meeting that the Trust Fund was already fully operational and that a first call for project proposals will be opened in October 2019.
6. Finally, Mr. Li invited the Joint Meeting to join him in welcoming Mr. Hubert and in expressing his appreciation for the professionalism, the successful delivery of outcomes and the hard work of the dangerous goods team led by Ms. Garcia Couto, during the interim period since the retirement of Mr. Kervella (former Section Chief) until the recruitment of Mr. Hubert.

III. Adoption of the agenda (agenda item 1)

Documents: ECE/TRANS/WP.15/AC.1/155
ECE/TRANS/WP.15/AC.1/155/Add.1

Informal documents: INF.1, INF.2 and INF.26 (Secretariat)

7. The Joint Meeting adopted the agenda proposed by the secretariat in documents ECE/TRANS/WP.15/AC.1/155 and Add.1 as updated by informal document INF.2 after amending it to take account of informal documents INF.1 to INF.50.

IV. Tanks (agenda item 2)

Documents: ECE/TRANS/WP.15/AC.1/2019/25 (United Kingdom)
ECE/TRANS/WP.15/AC.1/2019/26 (United Kingdom)
ECE/TRANS/WP.15/AC.1/2019/39 (United Kingdom)
ECE/TRANS/WP.15/AC.1/2019/40 (United Kingdom)
ECE/TRANS/WP.15/AC.1/2019/49 (Netherlands)

Informal documents: INF.4 (OTIF)
INF.15 (Secretariat)
INF.16/Rev.1 (Germany)
INF.17 (United Kingdom)
INF.18 (United Kingdom)
INF.19 (United Kingdom)
INF.21 (Poland)
INF.24 (Germany)
INF.27 (France)
INF.29 (France)
INF.31 (Switzerland)
INF.33 (Switzerland)
INF.37 (Poland)
INF.38 (France)
INF.39 (France)

8. After a brief introduction in plenary, consideration of the documents under agenda item 2 was entrusted to the Working Group on Tanks that met from 17 to 19 September 2019 with Mr. A. Bale (United Kingdom) as Chair.

9. The Joint Meeting considered the tank related amendments to 4.2.5.3 and 6.7.2.19.6.2 in informal documents INF.31 and INF.24 and concluded that it was not necessary to forward these linguistic questions to the Working Group on Tanks. After an exchange of views, most delegations considered that the current texts in RID/ADR were appropriate and in line with the Model Regulations and concluded that they should not be modified. The Joint Meeting confirmed that the 5-year periodic inspection and test shall be performed before refilling. It agreed that, should additional clarifications be necessary, a proposal for amendment to the Model Regulations should be submitted to the Sub-Committee of Experts on the Transport of Dangerous Goods (TDG Sub-Committee).

Report of the Working Group on Tanks

Informal documents: INF.45 (Report of the Working Group on Tanks)
INF.19/Rev.1 and INF.47 (United Kingdom)

10. The Joint Meeting noted the outcome of the Working Group whose report appears in annex I as addendum I to this report. It adopted proposals 1 to 5 in annex 1 (see annex II).

11. On item 4, the Joint Meeting considered the guideline for the application of the proposed addition to footnote 3 to 6.8.2.1.18 of ADR as revised in informal document INF.47. Whilst it was noted that the text could be simplified, there were no other comments and the representative of the United Kingdom volunteered to submit a final simplified version to the Working Party on the Transport of Dangerous Goods (WP.15) for consideration at its 107th session in November 2019.

12. On item 5, the Joint Meeting concurred with the working group on the need to complete the wording and forward an official document for the March 2020 session of the Joint Meeting. All delegations were urged to study the informal document INF.19/Rev.1, and to send their written comments and proposals in English before the end of October 2019 to the chair of the informal working group for consideration by the group at its next meeting scheduled to be held in London, from 11 to 13 December 2019.

13. On item 6, the representatives of Belgium and the Netherlands indicated that they did not support the conclusion of the Working Group. However, the Joint Meeting concluded to go forward as recommended by the Working Group.

V. Standards (agenda item 3)

Documents: ECE/TRANS/WP.15/AC.1/2019/35 (Finland)
ECE/TRANS/WP.15/AC.1/2019/36 (Finland)
ECE/TRANS/WP.15/AC.1/2019/46 (CEN)

Informal documents: INF.32 and INF.41 (CEN)

14. The Joint Meeting adopted proposal 3 in ECE/TRANS/WP.15/AC.1/2019/35 (see annex II).

15. The Joint Meeting adopted by vote proposal 2 in ECE/TRANS/WP.15/AC.1/2019/36 (see annex II). The Joint Meeting also adopted the proposed amendment in informal document INF.41 (see annex II).

16. Consideration of documents ECE/TRANS/WP.15/AC.1/2019/46 and informal document INF.32 were entrusted to the Working Group on Standards, which met during the lunch breaks. The group was also requested to consider the amendments to 4.1.6.15 proposed in ECE/TRANS/WP.15/AC.1/2019/22/Add.1.

Report of the Working Group on Standards

Informal document: INF.50 (Report of the Working Group on Standards)

17. The Joint Meeting took note of the recommendations and conclusions of the Working Group in informal document INF.50 and adopted the proposed amendments to 4.1.6.15, 6.2.4.1, 6.2.4.2 and P200 of RID/ADR with minor editorial changes (see annex II).

VI. Harmonization with the United Nations Recommendations on the Transport of Dangerous Goods (agenda item 4)

A. 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

Documents: ECE/TRANS/WP.15/AC.1/2019/22 and Add.1 (Secretariat)

Informal documents: INF.20 (Secretariat of OTIF)
 INF.24 (Germany)
 INF.30 (Switzerland)
 INF.31 (Switzerland)
 INF.43 (EIGA)
 INF.49 (Switzerland)

18. The Joint Meeting took note of the Ad Hoc Working Group's report ECE/TRANS/WP.15/AC.1/2019/22 and Add.1, and considered one by one the amendments proposed for harmonization with the provisions of the Model Regulations annexed to the twenty-first revised edition of the UN Recommendations on the Transport of Dangerous Goods. It adopted the proposed amendments, subject to some modifications (see annex II) and the comments which follow:

- (a) For decisions regarding the amendments to 4.2.5.3 and 6.7.2.19.6.2 proposed in informal documents INF.31 and INF.24, see paragraph 9 above.
- (b) On the proposed options to address transport of UN No. 3549 (see document ECE/TRANS/WP.15/AC.1/2019/22, paragraph 32) all delegations who expressed an opinion favoured option 1 as they considered that cooling was not necessary for the carriage of these wastes. The Joint Meeting adopted option 1, with the replacement in column 9(b) of MP6 with MP2 and the deletion in column 6 of proposed special provision 6XX (see annex II).
- (c) On the exemption of "animal material" of Category A in table 1.10.3.1.2 (see ECE/TRANS/WP.15/AC.1/2019/22, paragraphs 14 to 16), a member of the secretariat informed the Joint Meeting that due to lack of time, the TDG Sub-Committee had reported consideration of all matters arising from the report of the Ad hoc Working Group to its December 2019 session. Following an exchange of views, the Joint Meeting agreed to keep this exemption in RID/ADR/ADN until further discussion in the TDG Sub-Committee (see annex II). Some delegations considered that animal material and medical waste of Category A should be treated in the same way as regards security provisions.
- (d) Noting that the Working Group on Explosives of the TDG Sub-Committee had examined and supported the editorial amendments for 2.2.1.1.7.2, the Joint Meeting decided to delete the square brackets and to keep the proposed text (see annex II).
- (e) The Joint Meeting noted that the use of the word "assignment" instead of "classification" in the context of 2.2.8.1.5.2 was correct for the English version. It was noted that the TDG Sub-Committee had considered this matter at its July 2019 session and had adopted amendments to 2.8.3.2 to the Model Regulations (see ST/SG/AC.10/C.3/110, paragraph 104 and annex). However, the Joint Meeting noted that the wording in the French version in 2.2.8.1.5.2 was not aligned with the English version and the English version used different

terms to convey the idea of “assignment” to a “packing group”. The Joint Meeting adopted the amendment to 2.2.8.1.5.2 in ECE/TRANS/WP.15/AC.1/2019/22/Add.1 (see annex II) and concluded that the differences in the terminology used in Chapter 2.8 be brought to the attention of the TDG Sub-Committee. It was noted that a joint proposal from the Netherlands and the European Union has been submitted to the next session of the TDG Sub-Committee (ST/SG/AC.10/C.3/2019/53).

- (f) Following an exchange of views, the Joint Meeting concluded that the modifications proposed in square brackets for 3.1.2.8.1.4 in ECE/TRANS/WP.15/AC.1/2019/22/Add.1 did not improve the text and decided to keep the text aligned with special provision 274 of the Model Regulations. The text in square brackets in 3.1.2.8.1.4 was deleted (see annex II).
- (g) The Joint Meeting noted that, the TDG Sub-Committee had addressed the use of the term “cargo transport unit” within the scope of UN No. 3536 at its fifty-fifth session but had not reached a conclusion. Pending further discussion on this subject at the TDG Sub-Committee, the Joint Meeting decided to remove the brackets in special provision 360 (see annex II).
- (h) On the proposed amendment to special provision 376 (e) in informal document INF.31 addressing the use of different terms in the French version for the terms “safety features”, the Joint Meeting agreed to use the terms “éléments de sécurité” throughout special provision 376 (see annex II).
- (i) The amendment to 4.1.8.6 in informal document INF.30 (proposal 1) was adopted (see annex II). After an exchange of views, the representative of Switzerland volunteered to submit a revised text for proposal 2 to the TDG Sub-Committee to clarify the matter also from a multimodal perspective.
- (j) The Joint Meeting agreed to keep the text of P801 aligned with that of the Model Regulations and therefore decided to remove the brackets for this packing instruction in ECE/TRANS/WP.15/AC.1/2019/22/Add.1 (see annex II). Since the corrections proposed by the Ad Hoc Working Group have also been transmitted to the TDG Sub-Committee for consideration at its fifty-sixth session (see ST/SG/AC.10/C.3/2019/69), the secretariat will inform the TDG Sub-Committee accordingly.
- (k) The secretariat informed the Joint Meeting that a document addressing the translation of the terms “safety” and “security” in the French version of the Model Regulations in the context of carriage of radioactive material would be considered by the TDG Sub-Committee at its fifty-sixth session (see ST/SG/AC.10/C.3/2019/70). The Joint Meeting decided to defer consideration of the modifications proposed in informal document INF.31 for 4.1.9.2.4 (RID/ADR) and 7.1.4.14.7.2 (ADN) awaiting the outcome of the discussions at the TDG Sub-Committee.
- (l) The Joint Meeting considered that the French translation of the phrase “and any special precautions or special administrative or operational controls” in paragraph 4.1.9.2.4 (e) (iii) in ECE/TRANS/WP.15/AC.1/2019/22/Add.1 was misleading. Since this text was coming from the French version of the IAEA Regulations for the Safe Transport of Radioactive Material, the Joint Meeting agreed that this issue should be brought to the attention of the TDG Sub-Committee. It was noted that this phrase also appeared in the English version of 6.4.23.2 (c) and was translated differently into French.

- (m) On the notes to 6.2.2.7.2 (c) and 6.2.2.9.2 (c) in ECE/TRANS/WP.15/AC.1/2019/22/Add.1, several delegations noted that the meaning of “country of approval” and “competent authority” should be clarified within the context of the application of Directive 2010/35/EU on transportable pressure equipment. Since this was considered a matter of interpretation of European Union legislation, they invited the representative of the European Union to examine the question and to provide the necessary clarifications, as appropriate.
- (n) On the amendment to Chapter 6.2 in informal document INF.31 proposing the use of the term “doublures” in the French version, the Joint Meeting noted the definitions in informal document INF.43 and agreed that the use of the term “liner” was accepted at an international level in the context of composite gas cylinders. The Joint Meeting decided to keep the term “liner” in the French version.
- (o) Following a clarification by the secretariat, the Joint Meeting agreed that the amendments to 5.3.1.1.5.1 and 7.2.3.1.1 in the Model Regulations were not relevant for RID/ADR/ADN. The corresponding amendments in ECE/TRANS/WP.15/AC.1/2019/22/Add.1 for 5.3.1.5.2 and 5.3.2.1.4 were deleted (see annex II).
- (p) On chapter 1.6 in ECE/TRANS/WP.15/AC.1/2019/22/Add.1, the Joint Meeting adopted the proposal by the secretariat for amending the references to the IAEA regulations in informal document INF.49 (see annex II).

B. New special provisions 393 and 394, chemical stability of nitrocellulose

Document: ECE/TRANS/WP.15/AC.1/2019/28 (Germany)

19. The Joint Meeting adopted the proposals in document ECE/TRANS/WP.15/AC.1/2019/28 and decided to remove the square brackets around special provisions 393 and 394 in document ECE/TRANS/WP.15/AC.1/2019/22/Add.1 (see annex II).

20. It was pointed out that the amendments to 2.3.2.1 aimed to clarify that the ignition temperature shall be determined before conducting the Bergmann-Junk test, as it has to remain above a given limit to allow for the test to be conducted safely. Acknowledging that this clarification will increase the safety of those conducting the test, the Joint Meeting considered that the adopted amendments should be brought to the attention of the TDG Sub-Committee for consideration.

C. Use of the term “conveyance”

Document: ECE/TRANS/WP.15/AC.1/2019/31 (Secretariat of OTIF)

21. The Joint Meeting adopted the proposal by the secretariat of OTIF to revoke the decision on the use of “conveyance” in 5.1.5.3.2 of RID/ADR (see annex II). It was noted that for ADN, the question would be re-examined by the ADN Safety Committee at its thirty-sixth session in January 2020.

VII. Proposals for amendments to RID/ADR/ADN (agenda item 5)

A. Pending issues

1. Proposal of amendment to 5.4.1.1.1

Document: ECE/TRANS/WP.15/AC.1/2019/23 (Ukraine)

22. In the absence of the representative of Ukraine, the Joint Meeting did not consider the document. The Secretariat was invited to clarify with Ukraine how to proceed with the presentation of the document.

2. Marking of wagons and containers loaded with limited quantities

Document: ECE/TRANS/WP.15/AC.1/2019/38 (Sweden and Switzerland)

23. Several delegations raised concerns that the proposed amendment to put a "LQ"-mark on wagons or containers containing more than eight tonnes of dangerous goods in limited quantities together with other regulated dangerous goods would disharmonize the provisions of RID/ADR/ADN with the IMDG code as the latter does not allow the "LQ" mark in this case. Therefore, the majority of delegations did not support the proposal. The representative of Switzerland invited the delegations to study this proposal to be presented at the next session of WP.15 in relation with the tunnel restrictions.

3. Online refresher training for drivers of dangerous goods

Informal document: INF.36 (IRU)

24. A number of delegations commented the proposed guideline for online refresher training for drivers of dangerous goods. Following the discussion, the representative of IRU volunteered to prepare a revised document for the spring 2020 session taking into account the comments received.

B. New proposals

1. UN No. 3082 Environmentally hazardous substance, liquid, n.o.s.

Document: ECE/TRANS/WP.15/AC.1/2019/42 (Italy)

25. The Joint Meeting concurred with the interpretation of the TDG Sub-Committee that the exemptions provided for in special provision 375 were optional, i.e. consignors may choose to apply all of the provisions where special packing provision PP1 of packaging instruction P001 stipulates that for packages containing less than 5 l/packagings may be used which are not subject to the tests in Chapter 6.1 (refer to ST/SG/AC.10/C.3/102, paragraph 36). Therefore, the Joint Meeting considered that the wording of the special provision was clear and there was no need to amend it.

2. Carriage in a transport chain including maritime carriage

Document: ECE/TRANS/WP.15/AC.1/2019/43 (Italy)

26. The representative of Italy withdrew the proposal.

3. Classification of substances of Class 9 other than environmentally hazardous substances

Document: ECE/TRANS/WP.15/AC.1/2019/47 (Switzerland)

27. The proposal was adopted (see annex II).

4. Proposal of amendment to Chapter 1.2 of RID/ADR

Document: ECE/TRANS/WP.15/AC.1/2019/27 (Portugal)

28. The Joint Meeting welcomed the document and noted a number of comments. The representative of OTIF suggested adding some further acronyms such as CNG (Compressed Natural Gas), LNG (Liquefied Natural Gas), CTU (Cargo Transport Unit) etc. The representative of Portugal volunteered to prepare a revised proposal for consideration at the next session taking into account the comments received.

5. Amendment of section 1.2.1: Definition

Document: ECE/TRANS/WP.15/AC.1/2019/30 (ITCO)

29. The Joint Meeting adopted the proposal as amended (see annex II).

6. Updating of references to UIC technical documentation regarding combined transport

Document: ECE/TRANS/WP.15/AC.1/2019/48 (UIC)

Informal document: INF.3 (UIC)

30. The Joint Meeting adopted the proposal to update the references in 6.11.4.1 and 7.1.3 of RID/ADR to UIC documents (see annex II).

7. Inclusion of UN No. 3358 in the list of collective entries

Informal document: INF.12 (OTIF)

31. The Joint Meeting adopted the proposed amendment (see annex II).

8. Amendment of special provision 591 in Chapter 3.3 of RID/ADR/ADN

Informal document: INF.13 (Germany)

32. The Joint Meeting noted some comments on the proposal to clarify the classification of lead sulphate with not more than 3 % free acid. The representative of Germany volunteered to prepare an official document for the next session taking into account the comments received.

9. Deletion of transitional provision 1.6.1.22 of RID/ADR/ADN

Informal document: INF.14 (Germany)

33. The Joint Meeting adopted the proposed amendment (see annex II).

10. Separate assessment of valves and other demountable accessories having a direct safety function on UN pressure receptacles

Document: ECE/TRANS/WP.15/AC.1/2019/29 (France)

34. The Joint Meeting adopted the proposed amendments to 6.2.2.11 (see annex II).

11. Different names and description for UN numbers between the Model Regulations and RID/ADR

Document: ECE/TRANS/WP.15/AC.1/2019/32 (Spain)

35. The Joint Meeting noted several comments on the proposed topics. It invited the representative of Spain to prepare a revised proposal on the subject of butylene, for consideration at a forthcoming session of the TDG Sub-Committee. For the rest of topics, the representative of Spain volunteered to further develop the proposals for the next session of the Joint Meeting.

12. Harmonization of special provision 593 with 5.5.3

Document: ECE/TRANS/WP.15/AC.1/2019/33 (Spain)

36. The Joint Meeting welcomed the proposal and agreed on the need to clarify the application of either the provision of 5.5.3 or special provision 593. The representative of Spain volunteered to prepare a revised proposal for consideration at the next session.

13. Consequential amendments related to the introduction of “TEMPERATURE CONTROLLED” in 3.1.2.6

Informal document: INF.8 (Spain)

37. A number of delegations supported in principle the proposed amendments but preferred to amend in a first step the Model Regulations. The representative of Spain was invited to prepare a proposal for consideration at a next session of the TDG Sub-Committee.

14. Reference to “MOLTEN” as part of the proper shipping name in the transport document

Informal document: INF.9 (Spain)

38. The representative of Spain explained that this proposal was closely related to informal document INF.8 and suggested submitting a revised document at a further session.

15. Carriage of “FERTILIZER AMMONIATING SOLUTION” (UN No. 1043)

Informal document: INF.10 (Spain)

39. The amendments proposed in informal document INF.10 received several comments. The Joint Meeting agreed on the need to clarify the provisions in 2.2.2.2.2. The representative of Spain volunteered to prepare a new document for consideration at the next session taking into account the comments received.

16. Proposal for a new designed flexible IBC for carriage of refined cobalt dihydroxide meeting the packing group I criteria for inhalation toxicity

Informal document: INF.23 (Belgium)

40. The representative of Belgium informed the Joint Meeting about the possible use of an improved flexible IBC meeting the requirements described in informal document INF.23. He added that specific provisions for loading, unloading and carriage were necessary. He announced that a more detailed discussion on possible amendments would take place at the next session of TDG Sub-Committee. He also announced his intention to circulate a multilateral agreement as an interim solution. The Joint Meeting endorsed that procedure and agreed to resume consideration of this subject at its next session.

17. Classification of lead dioxide (UN No. 1872)

Informal document: INF.25 (Germany)

41. The Joint Meeting welcomed the amendments proposed in informal document INF.25 and invited the representative of Germany to submit an official document at the next session, including possible consequential amendments for carriage in bulk.

18. Proposal for amendment to the exemptions related to the nature of the transport operation in 1.1.3.1

Informal document: INF.28 (Luxembourg)

42. The amendments proposed in informal document INF.28 received several comments and a study reservation by the Netherlands. The representative of Luxembourg volunteered to prepare a revised document for consideration at the next session taking into account the comments received. He invited delegates to transmit him their comments before 20 November 2019.

19. Interpretation problem in ADR sub-section 7.5.2.3

Informal document: INF.40 (COSTHA)

43. The Joint Meeting noted some comments on the interpretation of paragraph 7.5.2.3 of ADR in informal document INF.40 and invited the representative of COSTHA to submit the proposal for consideration at a forthcoming session of WP.15.

20. Provisions in 5.5.3 for dry ice (UN No. 1845) as a consignment

Document: ECE/TRANS/WP.15/AC.1/2019/45 (Switzerland)

Informal document: INF.48 (Switzerland)

44. Proposal 2 in ECE/TRANS/WP.15/AC.1/2019/45 was adopted as amended (see annex II). Following the discussion on proposal 1, the Joint Meeting adopted the revised proposal of amendments to 5.5.3 in informal document INF.48 as amended (see annex II).

VIII. Interpretation of RID/ADR/ADN (agenda item 6)**Standard liquids**

Document: ECE/TRANS/WP.15/AC.1/2019/41 (Italy)

45. Several delegations raised concerns on the interpretation by Italy on the use of standard liquids for the stacking test. The representative of Italy volunteered to review the issue taking into account the comments received and to submit, if necessary, a proposal for amendments in the future.

IX. Reports of informal working groups (agenda item 7)**A. Carriage of pressure receptacles approved by the Department of Transportation of the United States of America**

Document: ECE/TRANS/WP.15/AC.1/2019/37 (EIGA)

Informal documents: INF.35, 42 and 44 (EIGA)

46. The Joint Meeting welcomed the information from EIGA on the status of the proposed rulemaking procedure in the United States of America on the international carriage of pressure receptacles. The representative of the United States expected that the formal approval procedure could be concluded by mid-2020. The Joint Meeting supported in principle the proposal in ECE/TRANS/WP.15/AC.1/2019/37 as amended in informal document INF.44 and agreed to consider the adoption of the proposal at a further session in the light of advancement of the rule making process in the United States of America.

B. Informal working group on the transport of hazardous waste: meeting in Brussels (2 to 3 April 2019)

Document: ECE/TRANS/WP.15/AC.1/2019/34 (FEAD)

47. The Joint Meeting noted the information and adopted the list of issues to be considered by the group in future as reflected in the annex to ECE/TRANS/WP.15/AC.1/2019/34. The representative of FEAD pointed out that detailed information about the discussion of the informal working group was available on the FEAD website¹. The Joint Meeting recommended that the carriage of used pressure receptacles such as aerosols and gas cartridges in bulk be added to the list. It was agreed that the informal working group should follow a pragmatic approach and consider first issues of high importance which could result in potential amendments for the 2023 editions of RID/ADR/ADN, but also issues that could easily be resolved. The representative of FEAD announced his intention to organize a meeting of the informal working group. He invited all delegations to consider their possible voluntary commitment for the secretariat servicing of the group or hosting of its meetings.

C. Informal working group on telematics: Guidelines for the use of 5.4.0.2 in RID/ADR/ADN

Document: ECE/TRANS/WP.15/AC.1/2019/44 (Informal working group on telematics)

Informal documents: INF.7 (Germany) and INF.46 (Luxembourg)

48. The Joint Meeting welcomed the work progress of the informal working group on telematics and agreed on the proposed guidelines for the use of paragraph 5.4.0.2 of RID/ADR/ADN in ECE/TRANS/WP.15/AC.1/2019/44. It was recommended to replace the pictogram in annex B by the pictogram adopted during the session (see annex III). The Joint Meeting agreed to transmit the guidelines to WP.15 and the RID Committee of experts for information at their next sessions.

49. The Joint Meeting also agreed that the guidelines could be applied on a voluntary basis and for each transport mode separately. However, when used, they must be applied consistently. The Joint Meeting invited WP.15 and the RID Committee of Experts to approve the publication of the guidelines on the OTIF and ECE websites.

50. The Chair announced a meeting in Aix-en-Provence (France) from 15 to 17 January 2020 to further clarify technical issues on the implementation of the guidelines. The Trusted Parties TP1 as well as the competent authorities were invited to attend the meeting and participants were invited to notify practical issues in advanced of the meeting.

51. Some delegations indicated that they still need to verify issues related to data security before committing themselves to use the guidelines.

¹ See <https://www.fead.be/legislative-overview/adr>

D. Report on the discussion on the use of the terms risk and hazard at the fifty-fifth session of the Sub-Committee on Experts on the Transport of Dangerous Goods

Informal document: INF.22 (Romania)

52. The Joint Meeting welcomed the report in informal document INF.22 and noted a number of comments. On the proposal concerning the term “high consequence dangerous goods”, most of the delegations who spoke considered that the English version should remain unamended. For the French translation of this term different options were discussed. Some delegations were of the opinion that no change at all was necessary since these terms had specific definitions in this context. The representative of Romania offered to take these comments into account in a proposal for consideration by the TDG Sub-Committee. The Joint Meeting noted that the next meeting of the informal working group was scheduled to be held in The Hague (Netherlands) from 10 to 12 February 2020.

X. Accidents and risk management (agenda item 8)

A. Risk management framework for inland transport of dangerous goods

1. Publication of the inland TDG Risk Management Framework

Informal document: INF.5 (ERA)

53. The Joint Meeting welcomed the information on the publication of the guides forming the inland TDG Risk Management Framework on the websites of ERA and the European Commission DG Move.²

2. Report from the "Expert Users and Development Group (EUDG)" concerning the use of risk acceptance criteria with the inland TDG Risk Management Framework

Informal document: INF.6 (ERA)

54. The Joint Meeting noted the report of the EUDG including the conclusions on the use of risk acceptance criteria within the Risk Management Framework. The representative of ERA confirmed that the application of the Risk Management Framework is voluntary, that it was universal and could be applied from local to general cases as well as to all modes of inland transport. He announced that the development of a further risk management platform was attempted in a collaborative mode. The Joint Meeting welcomed this initiative.

B. Report of the informal working group on the improvement of the accident report

Informal documents: INF.11 and annexes 1 to 5 (France)
INF.34 (France)

55. The Joint Meeting welcomed the report of the informal working group on the improvement of the accident report in informal document INF.11 including specimen of draft reports for RID and ADR as reflected in informal document INF.34. It was noted that some

² www.era.europa.eu/activities/transport-dangerous-goods/inland-tdg_en
ec.europa.eu/transport/themes/dangerous_goods_en
ec.europa.eu/transport/themes/dangerous_good/risk_management_framework_en

items were still missing and needed to be addressed such as the legal framework for the collection, costs and use of the accident/incident data, the responsibilities of the stakeholders involved as well as an analysis on the national implementation by the contracting parties.

56. The Joint Meeting noted the group's intention to resume its work on a specimen of draft reports for ADN at a meeting in Brussels on 3 October 2019 and a further meeting on 17 December 2019 on the current development of common safety methods. The representative of UIC offered to host a further meeting, organized by France, on 17-19 February 2020.

XI. Election of officers for 2020 (agenda item 9)

57. On a proposal by the representative of Romania, Mr. C. Pfauvadel (France) and Ms. S. García Wolfrum (Spain) were re-elected as Chair and Vice-Chair respectively for 2020.

XII. Future work (agenda item 10)

58. The Joint Meeting was informed that the next session would be held in Bern from 16 to 20 March 2020 and that the deadline for submission of documents was 20 December 2019.

XIII. Any other business (agenda item 11)

59. As no document had been submitted under this agenda item, no discussion took place on this subject.

XIV. Adoption of the report (agenda item 12)

60. The Joint Meeting adopted the report on its autumn 2019 session and its annexes based on a draft prepared by the secretariat.

Annex I

Report of the Working Group on Tanks

(see ECE/TRANS/WP.15/AC.1/156/Add.1)

Annex II**[Original: English and French]****Draft amendments to RID, ADR and ADN for entry into force on 1 January 2021****Chapter 1.1**

(ADR:) 1.1.3.6.2 In the first indent, replace “and 0500” by “, 0500, 0512 and 0513”.

(Reference document: informal document INF.20)

1.1.3.6.3 In the Table, for transport category 0, Class 6.2, replace “UN Nos 2814 and 2900” by “UN Nos 2814, 2900 and 3549”.

(Reference document: informal document INF.20)

Chapter 1.2

1.2.1 Add a new definition to read as follows:

“*IAEA Regulations for the Safe Transport of Radioactive Material*” means one of the editions of those Regulations, as follows:

- (a) For the 1985 and 1985 (as amended 1990) editions: IAEA Safety Series No. 6
- (b) For the 1996 edition: IAEA Safety Series No. ST-1
- (c) For the 1996 (revised) edition: IAEA Safety Series No. TS-R-1 (ST-1, Revised)
- (d) For the 1996 (as amended 2003), 2005 and 2009 editions: IAEA Safety Standards Series No. TS-R-1
- (e) For the 2012 edition: IAEA Safety Standards Series No. SSR-6
- (f) For the 2018 edition: IAEA Safety Standards Series No. SSR-6 (Rev.1).”

(Reference document: informal document INF.49)

(ADR/ADN:) 1.2.1 Replace the definition for “*Tank-container/portable tank operator*” by: “*Tank-container or portable tank operator*” means any enterprise in whose name the tank-container or portable tank is operated;”

(Reference document: ECE/TRANS/WP.15/AC.1/2019/30, as amended)

(RID:) 1.2.1 Replace the definition for “*Operator of a tank-container, portable tank or tank-wagon*” by the following two definitions, in proper order:

“*Tank-container or portable tank operator*” means any enterprise in whose name the tank-container or portable tank is operated.

“*Operator of a tank-wagon*”⁵ means any enterprise in whose name the tank-wagon is registered or approved for transport.”

(Reference document: ECE/TRANS/WP.15/AC.1/2019/30, as amended)

(RID:) 1.2.1 In the definition of “*Tank-wagon*”, replace “shells” by “tanks”.

(Reference document: informal documents INF.4 and INF.45, proposal 2)

Chapter 1.6

1.6.1.22 Delete and add “(Deleted)”.

(Reference document: informal document INF.14)

1.6.6.2.2 Amend to read: “1.6.6.2.2 No new manufacture of packagings to a package design meeting the provisions of the 1985 and 1985 (as amended 1990) editions of the IAEA Regulations for the Safe Transport of Radioactive Material shall be permitted to commence.”.

(Reference document: informal document INF.20 and informal document INF.49, consequential amendment)

1.6.6.3 Amend the title to read: “Packages excepted from the requirements for fissile materials under the 2011 and 2013 editions of ADR (2009 edition of the IAEA Regulations for the Safe Transport of Radioactive Material)”.

(Reference document: informal document INF.49)

Chapter 1.8

1.8.6.4.1 Replace “EN ISO/IEC 17025:2005” by “EN ISO/IEC 17025:2017 (except clause 8.1.3)”.

(Reference document: ECE/TRANS/WP.15/AC.1/2019/35, proposal 3 and ECE/TRANS/WP.15/AC.1/2019/36, proposal 2, as amended)

Chapter 2.1

2.1.3.8 In the second sentence, after “Other substances meeting the criteria of no other class”, add “or of no other substance of Class 9”.

(Reference document: ECE/TRANS/WP.15/AC.1/2019/47)

Chapter 2.2

2.2.2.3 In the table for “Other articles containing gas under pressure”, for classification code “6F”, insert the following entry after UN No. 3150:

“3358 REFRIGERATING MACHINES containing flammable, non-toxic, liquefied gas”

(Reference document: informal document INF.12)

(RID/ADR:) 2.2.9.1.10.6 Replace “, not otherwise classified under RID/ADR” by “that do not meet the classification criteria of any other class or another substance within Class 9”.

(Reference document: ECE/TRANS/WP.15/AC.1/2019/47)

2.2.9.1.14, Note In footnote 18/15/11, remove “used as coolant”.

(Reference document: ECE/TRANS/WP.15/AC.1/2019/45, proposal 2, as amended)

Chapter 2.3

2.3.2 In the heading, amend “Class 4.1” to read “Class 1 and Class 4.1”.

2.3.2.1 Delete current 2.3.2.1 and replace by:

“2.3.2.1 In order to determine the criteria of the nitrocellulose, the Bergmann-Junk test or the methyl violet paper test in the Manual of Tests and Criteria Appendix 10 shall be performed (see Chapter 3.3, special provisions 393 and 394). If there is doubt that the ignition

temperature of the nitrocellulose is considerably higher than 132°C in the case of the Bergmann-Junk test or higher than 134.5°C in the case of the methyl violet paper test, the ignition temperature test described in 2.3.2.5 should be carried out before these tests are performed. If the ignition temperature of nitrocellulose mixtures is higher than 180°C or the ignition temperature of plasticized nitrocellulose is higher than 170°C, the Bergmann-Junk test or the methyl violet paper test can be carried out safely.”

2.3.2.2 Delete.

2.3.2.3 Delete.

2.3.2.4 Delete.

2.3.2.5 Delete.

2.3.2.6 2.3.2.6 becomes 2.3.2.2. In the text, amend “2.3.2.9 and 2.3.2.10” to read “2.3.2.5”.

2.3.2.7 2.3.2.7 becomes 2.3.2.3. Replace “Before being dried as prescribed in 2.3.2.6 above, substances conforming to 2.3.2.2 shall” by “Before being dried as prescribed in 2.3.2.2 above, plasticized nitrocellulose shall”.

2.3.2.8 2.3.2.8 becomes 2.3.2.4. Replace “Weakly nitrated nitrocellulose conforming to 2.3.2.1 shall first undergo preliminary drying as prescribed in 2.3.2.7 above;” by “Weakly nitrated nitrocellulose shall first undergo preliminary drying as prescribed in 2.3.2.3 above”.

2.3.2.9 Delete.

2.3.2.10 2.3.2.10 becomes 2.3.2.5.

(Reference document: ECE/TRANS/WP.15/AC.1/2019/28)

Chapter 3.2, table A

(ADR:) For UN 2383, in column (16), delete “V8” and in column (19) delete “S4”.

(Reference document: informal document INF.20)

(ADR:) For UN 2522, in column (16), insert “V8” and in column (19) insert “S4”.

(Reference document: informal document INF.20)

For UN 2913, in column (2), replace “(SCO-I or SCO-II)” by “(SCO-I, SCO-II or SCO-III)”.

(Reference document: informal document INF.20)

Chapter 3.2, table B

For “RADIOACTIVE MATERIAL, SURFACE CONTAMINATED OBJECTS (SCO-I or SCO-II), non fissile or fissile-excepted”, replace “(SCO-I or SCO-II)” by “(SCO-I, SCO-II or SCO-III)”.

(Reference document: informal document INF.20)

Chapter 4.1

4.1.4.1, P200 (13) 2.4 Replace “EN 11114-2:2013” by “EN ISO 11114-2:2013”.

(Reference document: informal document INF.50)

4.1.6.15, in the table:

- For “4.1.6.2”, in the second column, replace “ISO 11114-2:2013” by “EN ISO 11114-2:2013”.
- For “4.1.6.4”, in the second column, replace “ISO 11621:1997” by “ISO 11621:1997 or EN ISO 11621:2005”. Delete the note in the third column.
- For “4.1.6.8 Valves with inherent protection”: In the first row, delete the note in the third column. In the third row, second column, replace “EN ISO 17879:2017” by “Annex A of EN ISO 17879:2017”.
- For “4.1.6.8 (b) and (c)”, Replace “ISO 11117:1998 or ISO 11117:2008 + Cor 1:2009” by “ISO 11117:1998 or EN ISO 11117:2008 + Cor 1:2009”.

(Reference document: informal document INF.50, as amended)

- 4.1.8.6 At the end of the sentence, add “, nor to UN No. 3549 MEDICAL WASTE, CATEGORY A, AFFECTING HUMANS or MEDICAL WASTE, CATEGORY A, AFFECTING ANIMALS”.

(Reference document: informal document INF.30, proposal 1)

Chapter 5.5

- 5.5.3 In the title, after “applicable to”, add “the carriage of dry ice (UN 1845) and to”.
- 5.5.3.2.1 After “containers”, add “in which dry ice (UN 1845) is carried or”.
- 5.5.3.2.4 After “containers”, add “in which dry ice (UN 1845) is carried or”.
- 5.5.3.3 After “Packages containing”, add “dry ice (UN 1845) or”.
- 5.5.3.3.3 After “Packages containing”, add “dry ice (UN 1845) or”.
- 5.5.3.4 In the title, after “Packages containing”, add “dry ice (UN 1845) or”.
- 5.5.3.4.1 At the beginning of the first sentence, replace “Packages” by “Packages containing dry ice (UN 1845) as a consignment shall be marked "CARBON DIOXIDE, SOLID" or "DRY ICE"; packages”.
- 5.5.3.6.1 After “containers containing”, add “dry ice (UN 1845) or”.
- 5.5.3.6.1 (a) After “harmful concentrations of”, add “dry ice (UN 1845) or”.
- 5.5.3.6.1 (b) Replace “The cooled” by “The dry ice (UN 1845) or cooled”.
- 5.5.3.7.1 After “having contained”, add “dry ice (UN 1845) or”.
- 5.5.3.7.1 (b) After “Chapter 3.2 followed”, add “, where appropriate”. After “"AS CONDITIONER"”, remove “as appropriate”.

(Reference document: informal document INF.48, as amended)

Chapter 6.2

- (RID/ADR:) 6.2.2.11 After the table, add the following sentence:

“For refillable pressure receptacles, the conformity assessment of valves and other demountable accessories having a direct safety function may be carried out separately from that of the pressure receptacles.”

(Reference document: ECE/TRANS/WP.15/AC.1/2019/29)

- 6.2.4.1 In the table, under “for design and construction”:

- For “EN ISO 9809-1:2010”, in column (4), replace “Until further notice” by “Between 1 January 2013 and 31 December 2022”. After the row for “EN ISO 9809-1:2010”, insert the following row:

EN ISO 9809-1:2019	Gas cylinders - Design, construction and testing of refillable seamless steel gas cylinders and tubes - Part 1: Quenched and tempered steel cylinders and tubes with tensile strength less than 1 100 MPa	6.2.3.1 and 6.2.3.4	Until further notice
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- For “EN ISO 9809-2:2010”, in column (4), replace “Until further notice” by “Between 1 January 2013 and 31 December 2022”. After the row for “EN ISO 9809-2:2010”, insert the following row:

EN ISO 9809-2:2019	Gas cylinders - Design, construction and testing of refillable seamless steel gas cylinders and tubes - Part 2: Quenched and tempered steel cylinders and tubes with tensile strength greater than or equal to 1 100 MPa	6.2.3.1 and 6.2.3.4	Until further notice
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- For “EN ISO 9809-3:2010”, in column (4), replace “Until further notice” by “Between 1 January 2013 and 31 December 2022”. After the row for “EN ISO 9809-3:2010”, insert the following row:

EN ISO 9809-3:2019	Gas cylinders - Design, construction and testing of refillable seamless steel gas cylinders and tubes - Part 3: Normalized steel cylinders and tubes	6.2.3.1 and 6.2.3.4	Until further notice
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(Reference document: informal document INF.50, as amended)

6.2.4.2 In the table, under “Periodic inspection and test”:

- For “EN ISO 10462:2013”, in column (3), replace “Until further notice” by “Until 31 December 2022”. After the row for “EN ISO 10462:2013”, insert the following row:

EN ISO 10462:2013 + A1:2019	Gas cylinders - Acetylene cylinders - Periodic inspection and maintenance - Amendment 1 (ISO 10462:2013 + A1:2019)	Mandatorily from 1 January 2023
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- For “EN 1803:2002 (except Annex B)”, in column (3), replace “Until further notice” by “Until 31 December 2022”. After the row for “EN 1803:2002 (except Annex B)”, insert the following row:

EN ISO 10460:2018	Gas cylinders - Welded aluminium-alloy, carbon and stainless steel gas cylinders - Periodic inspection and testing	Mandatorily from 1 January 2023
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(Reference document: informal document INF.50, as amended)

Chapter 6.7

6.7.3.2.12 (b) Replace “thermal conductance” by “heat transfer coefficient”.

(Reference document: informal document INF.20)

Chapter 6.8

(RID/ADR:) 6.8.2.1.11 Replace “welded tanks” by “welded shells”.

(Reference document: informal documents INF.4 and INF.45, proposal 3)

(ADR:) 6.8.2.1.20 (b) 1. In the second indent, replace “Volume contained” by “Capacity”.

(Reference document: informal documents INF.38 and INF.45, proposal 5)

(RID:) 6.8.2.2.2 German version only.

(Reference document: informal documents INF.4 and INF.45, proposal 4)

Chapter 6.10

(RID/ADR:) 6.10.3.8 (a) Add a new note to read as follows:

“NOTE: *This requirement may, for example, be complied with by the use of a vertical pipe or a low-level outlet with a connection which allows, when necessary, attachment of a hose.”*

(Reference document: ECE/TRANS/WP.15/AC.1/2019/26 and informal document INF.45, proposal 1 as amended)

Chapter 6.11

(RID/ADR:) 6.11.4.1 In the note, replace “the UIC leaflets 591, 592 and 592-2 to 592-4” by “IRS 50591 (Roller units for horizontal transshipment – Technical conditions governing their use in international traffic)* and 50592 (Intermodal Transport Units (other than semi-trailers) for vertical transshipment and suitable for carriage on wagons – Minimum requirements)** published by UIC”.

Footnotes * and ** read as follows (numbering to be adapted):

“* 1st edition of IRS (International Railway Solution) applicable as from 1 January 2020.

** 1st edition of IRS (International Railway Solution) applicable as from 1 January 2019.”

(Reference document: ECE/TRANS/WP.15/AC.1/2019/48)

Chapter 7.1

(RID/ADR:) 7.1.3 Replace “UIC leaflets 591 (status at 01.10.2007, 3rd edition), 592 (status at 01.10.2013, 2nd edition), 592-2 (status at 01.10.2004, 6th edition), 592-3 (status at 01.01.1998, 2nd edition) and 592-4 (status at 01.05.2007, 3rd edition)” by “IRS 50591 (Roller units for horizontal transshipment – Technical conditions governing their use in international traffic)* and 50592 (Intermodal Transport Units (other than semi-trailers) for vertical transshipment and suitable for carriage on wagons – Minimum requirements)** published by UIC”. At the end, replace “UIC leaflets 591, 592 and 592-2 to 592-4” by “IRS 50591 and 50592 of UIC”.

Footnotes * and ** read as follows (numbering to be adapted):

“* 1st edition of IRS (International Railway Solution) applicable as from 1 January 2020.

** 1st edition of IRS (International Railway Solution) applicable as from 1 January 2019.”

(Reference document: ECE/TRANS/WP.15/AC.1/2019/48)

Document ECE/TRANS/WP.15/AC.1/2019/22/Add.1 adopted with the following modifications:

Chapter 1.2, 1.2.1, definition of “Self-accelerating decomposition temperature (SADT)”:

- The first modification does not apply to the English text.
- Replace “, tank or portable tank” by “or tank”.

(Reference documents: informal documents INF.20 and INF.31)

1.6.6.1 Amend the title to read: “Packages not requiring competent authority approval of design under the 1985, 1985 (as amended 1990), 1996, 1996 (revised), 1996 (as amended 2003), 2005, 2009 and 2012 editions of the IAEA Regulations for the Safe Transport of Radioactive Material”.

(Reference document: informal document INF.49)

1.6.6.1 (a) Amend to read: “(a) Packages that meet the requirements of the 1985 or 1985 (as amended 1990) editions of the IAEA Regulations for the Safe Transport of Radioactive Material:”.

(Reference document: informal document INF.49)

1.6.6.1 (b) Amend to read: “(b) Packages that meet the requirements of the 1996, 1996 (revised), 1996 (as amended 2003), 2005, 2009 or 2012 editions of the IAEA Regulations for the Safe Transport of Radioactive Material:”.

(Reference document: informal document INF.49)

1.6.6.2 Amend the title to read: “Package designs approved under the 1985, 1985 (as amended 1990), 1996, 1996 (revised), 1996 (as amended 2003), 2005, 2009 and 2012 editions of the IAEA Regulations for the Safe Transport of Radioactive Material”.

(Reference document: informal document INF.49)

1.6.6.2.1 (a) Amend to read: “(a) Packagings that were manufactured to a package design approved by the competent authority under the provisions of the 1985 or 1985 (as amended 1990) editions of the IAEA Regulations for the Safe Transport of Radioactive Material may continue to be used provided that all of the following conditions are met:”.

(Reference document: informal document INF.49)

1.6.6.2.1 (b) Amend to read: “(b) Packagings that were manufactured to a package design approved by the competent authority under the provisions of the 1996, 1996 (revised), 1996 (as amended 2003), 2005, 2009 or 2012 editions of the IAEA Regulations for the Safe Transport of Radioactive Material may continue to be used provided that all of the following conditions are met:”.

(Reference document: informal document INF.49)

1.6.6.2.3 Amend to read: “1.6.6.2.3 No new manufacture of packagings of a package design meeting the provisions of the 1996, 1996 (revised), 1996 (as amended 2003), 2005, 2009 or 2012 editions of the IAEA Regulations for the Safe Transport of Radioactive Material shall be permitted to commence after 31 December 2028.”.

(Reference document: informal document INF.49)

1.6.6.4 Amend the title to read: “Special form radioactive material approved under the 1985, 1985 (as amended 1990), 1996, 1996 (revised), 1996 (as amended 2003), 2005, 2009 and 2012 editions of the IAEA Regulations for the Safe Transport of Radioactive Material”.

(Reference document: informal document INF.49)

- 1.6.6.4 Amend the paragraph under the title to read: “Special form radioactive material manufactured to a design that had received unilateral approval by the competent authority under the 1985, 1985 (as amended 1990), 1996, 1996 (revised), 1996 (as amended 2003), 2005, 2009 and 2012 editions of the IAEA Regulations for the Safe Transport of Radioactive Material may continue to be used when in compliance with the mandatory management system in accordance with the applicable requirements of 1.7.3. There shall be no new manufacture of special form radioactive material to a design that had received unilateral approval by the competent authority under the 1985 or 1985 (as amended 1990) editions of the IAEA Regulations for the Safe Transport of Radioactive Material. No new manufacture of special form radioactive material to a design that had received unilateral approval by the competent authority under the 1996, 1996 (revised), 1996 (as amended 2003), 2005, 2009 and 2012 editions of the IAEA Regulations for the Safe Transport of Radioactive Material shall be permitted to commence after 31 December 2025.”.

(Reference document: informal document INF.49)

Chapter 1.10, table 1.10.3.1.2: In the last amendment, remove the square brackets.

Chapter 2.2, 2.2.1.1.7.2: Remove the square brackets.

Chapter 2.2, 2.2.7.2.4.1.3 (f): Replace “shall apply” by “applies”.

(Reference document: informal document INF.20)

Chapter 2.2, 2.2.7.2.4.1.4 (c): Replace “shall apply” by “applies”.

(Reference document: informal document INF.20)

Chapter 2.2, 2.2.7.2.4.1.7 (e): Replace “shall apply” by “applies”.

(Reference document: informal document INF.20)

Chapter 3.1, 3.1.2.8.1.4 Delete the text in square brackets.

Chapter 3.2, table A, new entries:

- For UN 3549, first entry: Delete “[6XX]” in column (6) and, for RID and ADR, replace “MP6” by “MP2” in column (9b).
- Delete the second entry for UN 3549.

Chapter 3.3, SP 309: Replace “an ANE” by “an ammonium nitrate emulsion, suspension or gel, intermediate for blasting explosives (ANE)”.

(Reference document: informal document INF.20)

Chapter 3.3, SP 360: Remove the square brackets.

Chapter 3.3, SP 376, Note: The modification does not apply to the English text.

(Reference document: informal document INF.31, as amended)

Chapter 3.3, SP 376 (b): The modification does not apply to the English text.

(Reference document: informal document INF.31)

Chapter 3.3, SP 388: Remove the square brackets.

Chapter 3.3, SP 393 and 394: Remove the square brackets.

Chapter 3.3, SP 6XX: Delete.

Chapter 4.1, 4.1.4.1, P400 (2) and (3): The modification does not apply to the English text.

(Reference document: informal document INF.31)

Chapter 4.1, 4.1.4.1, P622, additional requirement 4: Replace “to at least 165 g” by “of at least 165 g” and “to at least 480 g” by “of at least 480 g”.

(Reference document: informal document INF.20)

Chapter 4.1, 4.1.4.1, P622, additional requirement 7: The modification does not apply to the English text.

(Reference document: informal document INF.31)

Chapter 4.1, 4.1.4.1, P801 (2) (a) and (c): Remove the square brackets.

Chapter 4.1, 4.1.4.3, LP622, additional requirement 4: Replace “to at least 165 g” by “of at least 165 g” and “to at least 480 g” by “of at least 480 g”.

(Reference document: informal document INF.20, consequential amendment)

Chapter 4.1, 4.1.4.3, LP622, additional requirement 7: The modification does not apply to the English text.

(Reference document: informal document INF.31)

Delete the amendments to 4.1.6.15.

(Reference document: informal document INF.50)

(RID/ADR:) Chapter 5.1, 5.1.5.3.2: Replace “conveyance” by “wagon”/“vehicle”.

(Reference document: ECE/TRANS/WP.15/AC.1/2019/31)

Chapter 5.1, 5.1.5.3.2: The modification does not apply to the English text.

(Reference document: informal document INF.31)

Delete the amendments to Chapter 5.3

(ADN:) Chapter 5.4, 5.4.1.2.2: Remove the square brackets.

Chapter 6.1, 6.1.1.1 (b): Amend the amendment to read as follows:

“6.1.1.1 (b) Replace “packing instruction P621” by “packing instructions P621 and P622”.”

(Reference document: informal document INF.20)

Chapter 6.1, 6.1.3.14: The modification does not apply to the English text.

(Reference document: informal document INF.31)

Chapter 6.5, 6.5.2.1.3: The modification does not apply to the English text.

(Reference document: informal document INF.31)

Chapter 6.6, 6.6.3.4: The modification does not apply to the English text.

(Reference document: informal document INF.31)

Chapter 6.7, 6.7.2.19.6: In the heading, replace “Filling” by “Inspection and filling”.

(Reference document: informal document INF.20)

Chapter 6.7, 6.7.3.15.6: The modification does not apply to the English text.

(Reference document: informal document INF.20)

Chapter 6.7, 6.7.4.14.6: The modification does not apply to the English text.

(Reference document: informal document INF.20)

(ADN:) Chapter 7.1, 7.1.4.14.7.3.3 (b): Replace “radiation limits” by “dose rate limits”.

(Reference document: informal document INF.20)

(RID/ADR:) Chapter 7.5, 7.5.11, CW33/CV33 (3) (3.3) (b): Replace “radiation limits” by “dose rate limits”.

(Reference document: informal document INF.20)

Annex III

Guidelines for the use of 5.4.0.2 in RID/ADR/ADN

(see paragraph 48)

In ECE/TRANS/WP.15/AC.1/2019/44, annex B, replace the pictogram by:


