



Organisation intergouvernementale pour les transports internationaux ferroviaires
Zwischenstaatliche Organisation für den internationalen Eisenbahnverkehr
Intergovernmental Organisation for International Carriage by Rail

OTIF/RID/CE/GTP/2016-A

23 June 2016

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**TO THE GOVERNMENTS OF THE MEMBER STATES OF OTIF AND
TO REGIONAL ORGANISATIONS WHICH HAVE ACCEDED TO COTIF**

**Final report of the 6th session of the RID Committee of Experts'
standing working group**

(Berne, 23 and 24 May 2016)

TABLE OF CONTENTS

	Paragraphs	Page
ITEM 1: Approval of the agenda	1	3
ITEM 2: Presence	2 – 3	3
ITEM 3: Approval of amendments adopted by the RID/ADR/ADN Joint Meeting (Berne, 14 – 18 March 2016) for a date of entry into force of 1 January 2017	4 – 16	3
ITEM 5: Proposals to amend RID	17 – 28	5
ITEM 6: Harmonisation of RID and SMGS Annex 2	29 – 31	6
ITEM 7: Information from the European Railway Agency (ERA)	32 – 33	7
ITEM 8: Any other business	34 – 36	7
ITEM 9: Election of chair and vice chair	37 – 39	7
Annex I: Texts adopted by the 6 th session of the RID Committee of Experts' standing working group		
Annex II: List of participants		

ITEM 1: Approval of the agenda

Document: RID-16001-CE-GTP6 (Secretariat)

Informal document: INF.1 (Secretariat)

1. The meeting adopted the provisional agenda set out in the invitation letter RID-16001-CE-GTP6 dated 9 March 2016, with the list of documents published by the Secretariat in informal document INF.1.

ITEM 2: Presence

2. The following RID Contracting States took part in the work of the 6th session of the standing working group (see also Annex II):

Austria, Belgium, Czech Republic, Denmark, France, Germany, Hungary, Italy, Latvia, Lithuania, Netherlands, Poland, Romania, Spain, Sweden, Switzerland, Turkey and the United Kingdom.

The European Commission, the European Railway Agency (ERA) and the Organization for Cooperation of Railways (OSJD) were also represented.

The following non-governmental international organisations were represented: European Chemical Industry Council (CEFIC), European Association of Dangerous Goods Safety Advisers (EASA), International Dangerous Goods and Container Association (IDGCA), International Union of Railways (UIC), International Union of Wagon Keepers (UIP) and International Union of Combined Road-Rail Transport Companies (UIRR).

3. At the first session of the standing working group, Mr Helmut Rein (Germany) was elected Chairman until further notice and Mrs Caroline Bailleux (Belgium) was elected deputy Chairman.

ITEM 3: Approval of amendments adopted by the RID/ADR/ADN Joint Meeting (Berne, 14 – 18 March 2016) for a date of entry into force of 1 January 2017

Document: [OTIF/RID/NOT/2017] (Secretariat)

Informal documents: INF.2 (Secretariat)
INF.6 (Secretariat)

4. The working group examined all the texts in document [OTIF/RID/NOT/2017] that were not marked in grey, which were primarily texts adopted by the last RID/ADR/ADN Joint Meeting (Berne, 14 to 18 March 2016).
5. It also checked whether the texts in informal document INF.2, which were adopted by the 100th session of WP.15 (Geneva, 9 to 12 May 2016) could also be carried over into RID.
6. Lastly, it examined document INF.6, which contained further necessary amendments that had been noticed by the UNECE and OTIF Secretariats after the 100th session of WP.15.
7. The working group adopted all the amendments set out in the documents referred to, taking into account the following comments and exceptions (see Annex I).

1.1.3.2 and 1.1.3.3

8. In the Note to 1.1.3.2 (a) and 1.1.3.3 (a), the working group decided to use the more precise term of "railway vehicle" rather than the term "vehicle" (see Annex I).

1.1.3.7

9. On a proposal from the representative of France, 1.1.3.7 (c) was deleted, as the area it regulated was covered by the new special provisions 240, 666, 667 and 669 (see Annex I).

1.6.1.43

10. The result of a vote requested by France on the transitional provision in 1.6.1.43 adopted by the 100th session of WP.15 was as follows: 13 Member States supported the transitional provision, 1 Member State opposed.

Special provision 669

11. The working group decided to delete the words "as a part of a transport unit", as they were not necessary in RID.

5.1.5.5

12. The representative of Spain pointed out that in the thirteenth line of the table in 5.1.5.5, the reference to 1.6.6.2 could also be deleted, because this sub-section was already covered by the cross-reference to 1.6.6 in 6.4.22.9. **The working group agreed in principle, but indicated that as it was only an editorial issue, it was not urgent to deviate from ADR in this respect.** She was asked to submit a proposal to the Joint Meeting.

5.4.3.5

13. For RID, the working group rejected the inclusion of an obligation for RID Contracting States to provide the Secretariat of OTIF with official translations of the instructions in writing in their official national language(s) for publication on OTIF's website. In this context it was pointed out in particular that unlike ADR, no mandatory model of the instructions in writing was prescribed in RID and no sanctions were laid down in the event that a State did not notify its official translation.

Amendments to footnotes in various chapters of Part 6

14. The representative of Sweden pointed out that in connection with including provisions for flexible bulk containers in RID, a number of footnotes in the various chapters of Part 6 would no longer be needed. The Secretariat gave assurances that it would take account of the resulting renumbering of footnotes in the final version of the notification texts.

EN standard 14025

15. It was decided to adopt the reference to standard EN 14025:2013 + A1:2016 in 6.8.2.6.1. However, if this standard were not available on time, the Secretariat would issue a corrigendum to delete the reference to this standard.

Special provision CW36

16. In footnote 1) to special provision CW 36, the working group decided to replace "vehicle or container" by "cargo transport unit", as this reflected the text in special provision 965 of the IMDG Code (see Annex I).

ITEM 5: Proposals to amend RIDUse of the newly defined term "road vehicle" in RID

Document: OTIF/RID/CE/GTP/2016/1 (Secretariat)

17. Following a lengthy discussion, the working group adopted the proposal prepared by the Secretariat at the request of the working group to replace the term "vehicle" by "road vehicle" in various places in RID (see Annex I).

NHM Codes

Document: OTIF/RID/CE/GTP/2016/2 (UIC)

Informal document: INF.4 (UIC)

18. Together with the amendments set out in informal document INF.4, the working group adopted UIC's document OTIF/RID/CE/GTP/2016/2 which specified the NHM Codes to be allocated to the new substances to be included in Table B and proposed various amendments to the existing NHM Codes (see Annex I).

UIC leaflet 471-3 "Inspections to be carried out in the carriage of dangerous goods"

Document: OTIF/RID/CE/GTP/2016/4 (UIC)

19. In introducing his document, the representative of UIC pointed out that on the basis of various decisions by the working group (e.g. indicating the actual holding time in the transport document), point 5 of UIC leaflet 471-3 had been slightly amended. The working group adopted UIC's proposal to amend the footnote to 1.4.2.2.1 and to refer to the version of this UIC leaflet that would be in force from 1 January 2017 (see Annex I).
20. It was recalled that the carrier's basic obligations are set out in 1.4.2.2.1 and that point 5 of UIC leaflet 471-3 simply described one way of meeting the requirements of 1.4.2.2.1. Individual carriers were free to draft their own guidelines, but they would have to contain at least the elements set out in 1.4.2.2.1.

Check-lists for gas tank-wagons

Document: OTIF/RID/CE/GTP/2016/5 (Italy)

21. In his document OTIF/RID/CE/GTP/2016/5, the representative of Italy proposed check-lists for gas tank-wagons based on the check-lists for tank-wagons for the carriage of liquids.
22. Among the governmental representatives, the general consensus was that check-lists for gas tank-wagons were worthwhile. However, they should have the same legal quality as the check-lists for tank-wagons for the carriage of liquids, which had been developed by the associations concerned and included a disclaimer.
23. The representative of CEFIC thought that it should first be checked whether, in view of 4.3.3.4 RID, there was any need to do anything at all (see also Report OTIF/RID/CE/GTP/2014-B, paragraph 13, last indent). However, if check-lists were considered to be a suitable means of improving safety, CEFIC would be prepared to be involved in developing such check-lists.

24. Italy said it was prepared to host an informal working group on 27 and 28 October 2016 in order to develop further the check-lists for gas tank-wagons that had been submitted. The representatives of Belgium, France, Germany, the Netherlands, Turkey, CEFIC, UIC and UIP said they wished to take part in this work. Other associations concerned (AEGPL and EIGA) should also be invited to this working group. In order to prepare this meeting, delegations were asked to send the representative of Italy their comments by no later than the end of September.
25. The working group was of the view that the second proposal to require that documents attesting compliance with the obligations of Chapter 1.4 be kept for at least three months should be submitted to the Joint Meeting, as it did not concern rail transport alone. It should be made clear in this proposal which documents were concerned and what the aim of the proposal was. If the Joint Meeting adopted the proposal, the working group would subsequently have to consider the extent to which Technical Specifications for Interoperability that leave the type and extent of safety records up to the rail transport undertakings should be taken into account.

Appointment of dangerous goods safety advisers by tank-wagon operators

Informal document: INF.3 (EASA)

26. In its informal document, EASA proposed that tank-wagon operators should also be required to appoint a dangerous goods safety adviser. The representative of EASA pointed out that **Germany** already included this obligation in **its** national laws.
27. Various delegates emphasised that the definition of tank-wagon operator did not cover the undertaking that was directly involved in using the tank-wagon. A dangerous goods safety adviser did not seem to improve safety for the abstract person of the operator.
28. In order to ensure the equal treatment of operators of tank-containers, portable tanks or tank-wagons, the representative of EASA was asked to submit his proposal to the Joint Meeting first, together with justification dealing with the comments that had been made.

ITEM 6: Harmonisation of RID and SMGS Annex 2

Transitional provision 1.6.3.27

Document: OTIF/RID/CE/GTP/2016/3 (Latvia)

29. The working group adopted the Latvian delegation's proposal to add transitional provisions to 1.6.3.27 for tank-wagons with an automatic coupling device (see Annex I).
30. The representative of ERA asked whether it might not be more suitable in future to specify a minimum energy absorption value for the tank-wagon, rather than for the individual technical devices. The advantage of this would be that rail transport undertakings would be free to decide which means to employ in order to comply with the provisions, which would then spur the industry on to find innovative solutions.
31. On behalf of the working group, the Chairman asked the RID Committee of Experts' working group on tank and vehicle technology to consider at its next meeting whether the requirements concerning energy absorption in special provision TE 22 could be worded in a more abstract and non device-specific manner.

ITEM 7: Information from the European Railway Agency (ERA)

Informal document: INF.5 (ERA)

- 32. The working group noted informal document INF.5 introduced by the representative of ERA.
- 33. In order to respond to the question in paragraph 11 of the document as to whether, in the scope of the ECM certificates, it was necessary to distinguish between dangerous goods tank-wagons and other specialised dangerous goods wagons, the delegations were asked to obtain the necessary clarification from their national certification bodies by the next session of the standing working group.

ITEM 8: Any other businessReport of the working group on derailment detection

Document: OTIF/RID/CE/GTDD/2016-A (Secretariat)

- 34. The Chairman of the RID Committee of Experts' working group on derailment detection, Mr François Le Fort, introduced the final report of the 5th session (Berne, 19 and 20 April 2016).
- 35. The working group supported the next steps described in paragraphs 14 and 15 as well as Annex II of the final report OTIF/RID/CE/GTDD/2016-A.

Report of the working group on tank and vehicle technology

Document: OTIF/RID/CE/GTT/2016-A (Secretariat)

- 36. The working group noted and approved the report of the 14th session of the RID Committee of Experts' working group on tank and vehicle technology (Hamburg, 12 and 13 April 2016). The 14th session had looked at the new provisions in Canada and the USA that apply to the construction and retrofitting of tank-wagons for the carriage of flammable liquids and whether they were relevant to RID.

ITEM 9: Election of chair and vice chair

- 37. On a proposal from Germany, Mrs Caroline Bailleux (Belgium) was elected as the chair until further notice and Mr Colin Bonnet (Switzerland) was elected as the deputy chair.
- 38. Mrs Bailleux and Mr Bonnet thanked the meeting for entrusting them with this task. On behalf of the working group, the representative of the Netherlands thanked the outgoing Chairman for his always excellent chairmanship.

Next session

- 39. The 7th session of the RID Committee of Experts' standing working group will be held in Prague in the week from 21 to 25 November 2016.

Texts adopted by the 6th session of the RID Committee of Experts' standing working groupA. Document [OTIF/RID/NOT2017] adopted with the following modifications

Chapter 1.1

1.1.3.2 Replace "vehicle" by:
"railway vehicle" (twice).

1.1.3.3 Replace "vehicle" by:
"railway vehicle" (twice).

1.1.4.4.1 In the last amendment, replace "3544" by:
"3534".

Chapter 1.2

1.2.1 [The amendment to the definition of "**Liquefied Natural Gas (LNG)**" in the German version does not apply to the English text.]

Amend the second amendment to the definition of "**Manual of tests and criteria**" to read as follows:

"In the definition of "**Manual of Tests and Criteria**", replace "ST/SG/AC.10/11/Rev.5 as amended by documents ST/SG/AC.10/11/Rev.5/Amend.1 and ST/SG/AC.10/11/Rev.5/Amend.2" by:

"ST/SG/AC.10/11/Rev.6".

[Reference document: informal document INF.6]

[The amendments to the definition of "**Maximum working pressure**" in the French version do not apply to the English text.]

At the end of the new definition of "**Road vehicle**", add:

", by means of which *dangerous goods* are carried".

[Reference document OTIF/RID/CE/GTP/2016/1]

Chapter 2.2

2.2.1.2.2 [The amendment in the French version does not apply to the English text.]

Chapter 3.2
Table A

UN 3166 In column (20), insert:
"90".

[Reference document: informal document INF.6]

UN 3171 In column (20), insert:

"90".

[Reference document: informal document INF.6]

UN 3528 In column (3b), insert:

"F3".

In column (20), insert:

"30".

[Reference document: informal document INF.6]

UN 3529 In column (3b), insert:

"6F".

In column (20), insert:

"23".

[Reference document: informal document INF.6]

UN 3530 In column (3b), insert:

"M11".

In column (20), insert:

"90".

[Reference document: informal document INF.6]

Table B Amend the first amendment instruction to read as follows:

"Insert the following new entries:

Name and description	UN No.	Note	NHM Code
Calomel: see	2025		285200
ENGINE, FUEL CELL, FLAMMABLE GAS POWERED	3529		8407++
ENGINE, FUEL CELL, FLAMMABLE LIQUID POWERED	3528		8407++
ENGINE, INTERNAL COMBUSTION	3530		8407++
ENGINE, INTERNAL COMBUSTION, FLAMMABLE GAS POWERED	3529		8407++
ENGINE, INTERNAL COMBUSTION, FLAMMABLE LIQUID POWERED	3528		8407++

Name and description	UN No.	Note	NHM Code
HALOGENATED MONOMETHYLDIPHENYL-METHANES, LIQUID	3151		290399
HALOGENATED MONOMETHYLDIPHENYL-METHANES, SOLID	3152		290399
MACHINERY, FUEL CELL, FLAMMABLE GAS POWERED	3529		8407++
MACHINERY, FUEL CELL, FLAMMABLE LIQUID POWERED	3528		8407++
MACHINERY, INTERNAL COMBUSTION	3530		8407++
MACHINERY, INTERNAL COMBUSTION, FLAMMABLE GAS POWERED	3529		8407++
MACHINERY, INTERNAL COMBUSTION, FLAMMABLE LIQUID POWERED	3528		8407++
POLYESTER RESIN KIT, solid base material	3527		3907++
POLYMERIZING SUBSTANCE, LIQUID, STABILIZED, N.O.S.	3532		39++++
POLYMERIZING SUBSTANCE, LIQUID, TEMPERATURE CONTROLLED, N.O.S.	3534	Prohibited	
POLYMERIZING SUBSTANCE, SOLID, STABILIZED, N.O.S.	3531		39++++
POLYMERIZING SUBSTANCE, SOLID, TEMPERATURE CONTROLLED, N.O.S.	3533	Prohibited	
ROCKET MOTORS	0510		930690
Table tennis balls, see	2000		950640
VEHICLE, FLAMMABLE LIQUID POWERED	3166		8407++
VEHICLE, FUEL CELL, FLAMMABLE GAS POWERED	3166		8407++
VEHICLE, FUEL CELL, FLAMMABLE LIQUID POWERED	3166		8407++

[Reference document: OTIF/RID/CE/GTP/2016/2, as amended by informal document INF.4]

Chapter 3.3

SP 317 [The amendment in the German version does not apply to the English text.]

SP 636 In paragraph (b), in the first indent, replace "lithium metal cells with an aggregate lithium content" by:

"lithium metal batteries with an aggregate lithium content".

[The amendments to the second indent and the Note of paragraph (b) in the French version does not apply to the English text.]

SP 666 [The amendment to paragraph (d) in the French version does not apply to the English text.]

SP 669 Delete:

"as a part of a transport unit".

Chapter 4.1

4.1.4.3

LP 200 [The amendment in the German version does not apply to the English text.]

Chapter 4.3

4.3.2.3.7 Replace "6.8.3.4.10" by:

"6.8.3.4.12".

Chapter 5.2

5.2.2.1.2 Amend the amendment to read as follows:

"5.2.2.1.2 Replace "markings" by:

"marks"."

Chapter 5.4

5.4.2 Amend the fourth amendment to read as follows:

"After the Note, add a new paragraph and a new Note to read as follows:

"If the carriage of dangerous goods in a vehicle precedes a voyage by sea, a container/vehicle packing certificate conforming to section 5.4.2 of the IMDG Code¹¹ may be provided with the transport document¹²."

NOTE: For the purposes of this section the term "vehicle" includes wagon."

Delete the seventh and eighth amendments.

[Reference document: informal document INF.6]

Chapter 6.2

6.2.2.3 In the new row for "ISO 10297:2014", in the second column, delete the Note.

[Reference document: informal document INF.6]

6.2.2.6.5 [The amendment in the French version does not apply to the English text.]

6.2.9.3.9.2 [The amendment in the German version does not apply to the English text.]

Chapter 6.4

6.4.23.12 (a) [The amendment in the French version does not apply to the English text.]

6.4.23.16 (b) [The amendment in the French version does not apply to the English text.]

Chapter 6.8

6.8.2.6.1 In the Table, for standard EN 14025:2013 + A1:[2016], delete the square brackets.

[Reference document: informal document INF.2]

6.8.3.5.4 [The amendment in the French version does not apply to the English text.]

Chapter 6.11

6.11.5.5.1 In paragraph (e), replace "; as indicated by the distinguishing sign for motor vehicles in international traffic²" by:

", indicated by the distinguishing sign used on vehicles in international road traffic²".

Amend footnote 2 to read as follows:

² Distinguishing sign of the State of registration used on motor vehicles and trailers in international road traffic, e.g. in accordance with the Geneva Convention on Road Traffic of 1949 or the Vienna Convention on Road Traffic of 1968."

Chapter 7.5

7.5.7.6.1 After "within a wagon", insert:

"or container".

7.5.11

CW 36 In footnote 1, replace "the vehicle or container" by:

"the cargo transport unit".

B. Additional amendments

Table of Contents

1.3.2.1 [The amendment in the German and French version does not apply to the English text.]

6.4.19 [The amendment in the German version does not apply to the English text.]

Insert the following line:

"6.11.5 Requirements for the design, construction, inspection and testing of BK 3 flexible bulk containers".

Chapter 1.1

1.1.3.2 In paragraph (a), replace "in the tanks" by:

"in the fuel tanks or cylinders".

[Reference document: informal document INF.2]

1.1.3.7 Amend paragraph (c) to read as follows:

"(c) (Deleted)".

1.2.1 In the definition of "**Conveyance**", replace "vehicle" by:

"road vehicle".

[Reference document: OTIF/RID/CE/GTP/2016/1]

[The amendment to the definition of "**Criticality safety index (CSI)**" in the German version does not apply to the English text.]

Chapter 1.3

1.3.2.1 [The amendment in the German and French version does not apply to the English text.]

Chapter 1.4

1.4.2.2.1 Amend the beginning of the last but one subparagraph to read as follows:

"This shall be done on the basis of ...".

Amend footnote 12 to read as follows:

"¹² Version of the UIC leaflet applicable as from 1 January 2017."

[Reference document: OTIF/RID/CE/GTP/2016/4]

Chapter 1.6

1.6.1 At the end, add the following new 1.6.1.43:

"1.6.1.43 Vehicles registered or brought into service before 1 July 2017, as defined in special provisions 240, 385 and 669 of Chapter 3.3, and their equipment intended for use during carriage, which conform to the requirements of RID applicable until 31 December 2016 but containing lithium cells and batteries which do not conform to the requirements of 2.2.9.1.7 may continue to be carried as a load in accordance with the requirements of special provision 666 of Chapter 3.3."

[Reference document: informal document INF.2]

1.6.3.27 In paragraph (a), in the introductory sentence, after "battery-wagons", insert:

"not fitted with automatic couplers".

In paragraph (a), at the end, add:

"Tank-wagons and battery-wagons for the carriage of these gases and substances fitted with automatic couplers, constructed before 1 July 2015 and which do not conform to the applicable requirements of special provision TE 22 of 6.8.4 in force from 1 January 2015, may continue to be used until 31 December 2020."

In paragraph (b), in the introductory sentence, after "battery-wagons", insert:

"not fitted with automatic couplers".

In paragraph (b), at the end, add:

"Tank-wagons and battery-wagons for the carriage of these gases and substances fitted with automatic couplers, constructed before 1 July 2015 and which do not conform to the applicable requirements of special provision TE 22 of 6.8.4 in force from 1 January 2015, may still be used."

[Reference document: OTIF/RID/CE/GTP/2016/3]

1.6.6.3 [The amendment in the German version does not apply to the English text.]

Chapter 1.8

1.8.3.12.4 [The amendment in the German version does not apply to the English text.]

Chapter 2.2

2.2.2.3 At the end of classification code "6F", insert:

"3529 ENGINE, INTERNAL COMBUSTION, FLAMMABLE GAS POWERED or
3529 ENGINE, FUEL CELL, FLAMMABLE GAS POWERED or
3529 MACHINERY, INTERNAL COMBUSTION, FLAMMABLE GAS POWERED
or
3529 MACHINERY, FUEL CELL, FLAMMABLE GAS POWERED".

[Reference document: informal document INF.6]

2.2.3.3 At the end of classification code "F3", insert:

"3528 ENGINE, INTERNAL COMBUSTION, FLAMMABLE LIQUID POWERED or
3528 ENGINE, FUEL CELL, FLAMMABLE LIQUID POWERED or
3528 MACHINERY, INTERNAL COMBUSTION, FLAMMABLE LIQUID POW-
ERED or
3528 MACHINERY, FUEL CELL, FLAMMABLE LIQUID POWERED".

[Reference document: informal document INF.6]

2.2.7.2.4.1.5 In paragraph (b), replace "2.2.7.2.4.5.1" by:

"2.2.7.2.4.5.2".

[Reference document: informal document INF.2]

2.2.9.1.2 For classification code "M11", after "substances", insert:

"and articles".

[Reference document: informal document INF.6]

2.2.9.3 Amend classification code "M11" as follows:

- In the text before classification code "M11", replace "Other substances or articles" by:

"Other substances and articles".

- In the text before the list of UN numbers, after "substances", insert:
"and articles".
- At the end of the list of UN numbers, insert:
"3530 ENGINE, INTERNAL COMBUSTION or
3530 MACHINERY, INTERNAL COMBUSTION".

[Reference document: informal document INF.6]

Chapter 3.2

3.2.1 In the explanatory note for column (15), replace "for the purposes of exemption from transport operations" by:

"for the purposes of exempting transport operations".

Table A

UN 2022 [The amendment in the French version does not apply to the English text.]

UN 3138 In column (18), delete:

"CW30".

Table B

[The amendment to UN 2022 in the French version does not apply to the English text.]

Amend the following entries:

Name and description	UN No.	Amendment
ALDOL	2839	Amend the NHM Code in column (4) to read as follows: "291249".
ALUMINIUM PHOSPHIDE PESTI- CIDE	3048	Amend the NHM Code in column (4) to read as follows: "284800".
BENZOTRICHLORIDE	2226	Amend the NHM Code in column (4) to read as follows: "290399".
BENZOTRIFLUORIDE	2338	Amend the NHM Code in column (4) to read as follows: "290399".
BENZYL BROMIDE	1737	Amend the NHM Code in column (4) to read as follows: "290399".
BENZYL CHLORIDE	1738	Amend the NHM Code in column (4) to read as follows: "290399".
BENZYLIDENE CHLORIDE	1886	Amend the NHM Code in column (4) to read as follows: "290399".

Name and description	UN No.	Amendment
BENZYL IODIDE	2653	Amend the NHM Code in column (4) to read as follows: "290399".
BROMOBENZENE	2514	Amend the NHM Code in column (4) to read as follows: "290399".
BROMOCHLOROMETHANE	1887	Amend the NHM Code in column (4) to read as follows: "290379".
1-BROMO-3-CHLOROPROPANE	2688	Amend the NHM Code in column (4) to read as follows: "290379".
BROMOTRIFLUOROETHYLENE	2419	Amend the NHM Code in column (4) to read as follows: "290378".
BROMOTRIFLUOROMETHANE	1009	Amend the NHM Code in column (4) to read as follows: "290376".
CAMPHOR, synthetic	2717	Amend the NHM Code in column (4) to read as follows: "291249".
CHLORODIFLUOROBROMO-METHANE	1974	Amend the NHM Code in column (4) to read as follows: "290376".
1-CHLORO-1,1-DIFLUOROETHANE	2517	Amend the NHM Code in column (4) to read as follows: "290379".
CHLOROBENZENE	1134	Amend the NHM Code in column (4) to read as follows: "290399".
CHLOROBENZOTRIFLUORIDES	2234	Amend the NHM Code in column (4) to read as follows: "290399".
CHLOROBENZYL CHLORIDES, LIQUID	2235	Amend the NHM Code in column (4) to read as follows: "290399".
CHLOROBENZYL CHLORIDES, SOLID	3427	Amend the NHM Code in column (4) to read as follows: "290399".
CHLORODIFLUOROMETHANE	1018	Amend the NHM Code in column (4) to read as follows: "290379".
CHLOROPENTAFLUOROETHANE	1020	Amend the NHM Code in column (4) to read as follows: "290377".
1-CHLORO-1,2,2,2-TETRAFLUOROETHANE	1021	Amend the NHM Code in column (4) to read as follows: "290379".
CHLOROTOLUENES	2238	Amend the NHM Code in column (4) to read as follows: "290399".
1-CHLORO-2,2,2-TRIFLUOROETHANE	1983	Amend the NHM Code in column (4) to read as follows: "290379".

Name and description	UN No.	Amendment
CHLOROTRIFLUOROMETHANE	1022	Amend the NHM Code in column (4) to read as follows: "290377".
DIBROMOCHLOROPROPANES	2872	Amend the NHM Code in column (4) to read as follows: "290379".
DIBROMODIFLUOROMETHANE	1941	Amend the NHM Code in column (4) to read as follows: "290378".
o-DICHLOROBENZENE	1591	Amend the NHM Code in column (4) to read as follows: "290399".
DICHLORODIFLUOROMETHANE	1028	Amend the NHM Code in column (4) to read as follows: "290377".
DICHLOROFLUOROMETHANE	1029	Amend the NHM Code in column (4) to read as follows: "290379".
1,2-DICHLORO-1,1,2,2-TETRAFLUOROETHANE	1958	Amend the NHM Code in column (4) to read as follows: "290377".
DIKETENE, STABILIZED	2521	Amend the NHM Code in column (4) to read as follows: "293220".
DIPHENYLMETHYL BROMIDE	1770	Amend the NHM Code in column (4) to read as follows: "290399".
FLUOROBENZENE	2387	Amend the NHM Code in column (4) to read as follows: "290399".
FLUOROTOLUENES	2388	Amend the NHM Code in column (4) to read as follows: "290399".
HAFNIUM POWDER, DRY	2545	Amend the NHM Code in column (4) to read as follows: "8112++".
HAFNIUM POWDER, WETTED with not less than 25% water	1326	Amend the NHM Code in column (4) to read as follows: "8112++".
HEXACHLOROBENZENE	2729	Amend the NHM Code in column (4) to read as follows: "290399".
HEXACHLOROCYCLOPENTADIENE	2646	Amend the NHM Code in column (4) to read as follows: "290389".
1-HYDROXYBENZOTRIAZOLE, ANHYDROUS, dry or wetted with less than 20% water, by mass	0508	Amend the NHM Code in column (4) to read as follows: "293399".
1-HYDROXYBENZOTRIAZOLE MONOHYDRATE	3474	Amend the NHM Code in column (4) to read as follows: "293399".
LONDON PURPLE	1621	Amend the NHM Code in column (4) to read as follows: "284800".

Name and description	UN No.	Amendment
Monochlorobenzene: see	1134	Amend the NHM Code in column (4) to read as follows: "290399".
NITROCELLULOSE MEMBRANE FILTERS, with not more than 12.6% nitrogen, by dry mass	3270	Amend the NHM Code in column (4) to read as follows: "392099".
OCTAFLUOROCYCLOBUTANE	1976	Amend the NHM Code in column (4) to read as follows: "290389".
POLYCHLORINATED BIPHENYLS, LIQUID	2315	Amend the NHM Code in column (4) to read as follows: "290399".
POLYCHLORINATED BIPHENYLS, SOLID	3432	Amend the NHM Code in column (4) to read as follows: "290399".
POLYHALOGENATED BIPHENYLS, LIQUID	3151	Amend the NHM Code in column (4) to read as follows: "290399".
POLYHALOGENATED BIPHENYLS, SOLID	3152	Amend the NHM Code in column (4) to read as follows: "290399".
POLYHALOGENATED TERPHENYLS, LIQUID	3151	Amend the NHM Code in column (4) to read as follows: "290399".
POLYHALOGENATED TERPHENYLS, SOLID	3152	Amend the NHM Code in column (4) to read as follows: "290399".
POTASSIUM FLUOROSILICATE	2655	Amend the NHM Code in column (4) to read as follows: "282690".
REFRIGERANT GAS R 1113	1082	Amend the NHM Code in column (4) to read as follows: "290377".
REFRIGERANT GAS R 114	1958	Amend the NHM Code in column (4) to read as follows: "290377".
REFRIGERANT GAS R 115	1020	Amend the NHM Code in column (4) to read as follows: "290377".
REFRIGERANT GAS R 12	1028	Amend the NHM Code in column (4) to read as follows: "290377".
REFRIGERANT GAS R 124	1021	Amend the NHM Code in column (4) to read as follows: "290379".
REFRIGERANT GAS R 12B1	1974	Amend the NHM Code in column (4) to read as follows: "290376".
REFRIGERANT GAS R 13	1022	Amend the NHM Code in column (4) to read as follows: "290377".
REFRIGERANT GAS R 133a	1983	Amend the NHM Code in column (4) to read as follows: "290379".

Name and description	UN No.	Amendment
REFRIGERANT GAS R 13B1	1009	Amend the NHM Code in column (4) to read as follows: "290376".
REFRIGERANT GAS R 142b	2517	Amend the NHM Code in column (4) to read as follows: "290379".
REFRIGERANT GAS R 21	1029	Amend the NHM Code in column (4) to read as follows: "290379".
REFRIGERANT GAS R 22	1018	Amend the NHM Code in column (4) to read as follows: "290379".
REFRIGERANT GAS RC 318	1976	Amend the NHM Code in column (4) to read as follows: "290389".
SODIUM CARBONATE PEROXY-HYDRATE	3378	Amend the NHM Code in column (4) to read as follows: "283699".
SODIUM FLUOROSILICATE	2674	Amend the NHM Code in column (4) to read as follows: "282690".
TERPINOLENE	2541	Amend the NHM Code in column (4) to read as follows: "3805++".
TRIAZINE PESTICIDE, LIQUID, FLAMMABLE, TOXIC, flash-point less than 23 °C	2764	Amend the NHM Code in column (4) to read as follows: "380893".
TRIAZINE PESTICIDE, LIQUID, TOXIC	2998	Amend the NHM Code in column (4) to read as follows: "380893".
TRIAZINE PESTICIDE, LIQUID, TOXIC, FLAMMABLE, flash-point not less than 23 °C	2997	Amend the NHM Code in column (4) to read as follows: "380893".
TRIAZINE PESTICIDE, SOLID, TOXIC	2763	Amend the NHM Code in column (4) to read as follows: "380893".
TRICHLOROBENZENES, LIQUID	2321	Amend the NHM Code in column (4) to read as follows: "290399".
TRIFLUOROCHLOROETHYLENE, STABILIZED	1082	Amend the NHM Code in column (4) to read as follows: "290377".
XYLYL BROMIDE, LIQUID	1701	Amend the NHM Code in column (4) to read as follows: "290399".
XYLYL BROMIDE, SOLID	3417	Amend the NHM Code in column (4) to read as follows: "290399".

[Reference document: OTIF/RID/CE/GTP/2016/2, as amended by informal document INF.4]

Chapter 3.3

SP 369 Replace "2.2.7.2.3.6" by:

"2.2.7.2.3.5".

[Reference document: informal document INF.2]

SP 376 At the end, add the following new sentence:

"In this case the cells and batteries are assigned to transport category 0."

[Reference document: informal document INF.2]

SP 545 [The amendment in the French version does not apply to the English text.]

Chapter 4.1

P 200 In Table 3, delete the line corresponding to "UN 1790 HYDROFLUORIC ACID, solution, with more than 85% hydrofluoric acid".

[Reference document: informal document INF.2]

P 603 (former packing instruction P 805) Under "Special packing provision", delete:

"and 6.4.11.2".

[Reference document: informal document INF.2]

Chapter 4.3

4.3.3.2.5 [The amendments to UN numbers 1028 and 1060 in the French version do not apply to the English text.]

Chapter 5.1

5.1.5.1.2 [The amendment in the German version does not apply to the English text.]

5.1.5.5 Amend the Table as follows:

- In the first row ("Calculation of unlisted A_1 and A_2 values"), in the last column, replace "-" by:

"2.2.7.2.2.2 (a), 5.1.5.2.1 (d)".

- [The amendment to the eighth row in the German version does not apply to the English text.]

- In the tenth row ("Low dispersable radioactive material"), in the first column, replace "dispersable" by:

"dispersible".

- In the tenth row ("Low dispersible radioactive material"), in the last column, replace "6.4.22.3" by:

"6.4.22.5".

- In the thirteenth row ("Approved packages designs subjected to transitional measures"), in the last column, delete:

"1.6.6.1, "

- In the thirteenth row ("Approved packages designs subjected to transitional measures"), at the end of the last column, insert:

", 6.4.22.9".

- Add the following new rows:

Alternative activity limits for an exempt consignment of instruments or articles	–	Yes	Yes	No	5.1.5.2.1 (e), 6.4.22.7
Fissile material excepted in accordance with 2.2.7.2.3.5 (f)	–	Yes	Yes	No	5.1.5.2.1 (a) (iii), 6.4.22.6

[Reference document: informal document INF.2]

Chapter 5.2

5.2.2.1.11.1 [The amendment in the German version does not apply to the English text.]

Chapter 5.4

5.4.1.1.6.3 In paragraph (b), replace "vehicles" by:

"road vehicles".

[Reference document: OTIF/RID/CE/GTP/2016/1]

5.4.1.1.12 Replace "1 JANUARY 2015" by:

"1 JANUARY 2017".

5.4.1.2.1 [The amendment in the German version does not apply to the English text.]

5.4.2 Amend footnote 12 as follows:

- At the beginning, after "IMDG Code", insert:

"(Amendment 38-16)".

- In paragraph ".2" of 5.4.2.1 of the IMDG Code, replace "7.2.2.3" by:

"7.3.4.1".

- In paragraph ".6" of 5.4.2.1 of the IMDG Code, replace "7.4.6" by:

"7.1.2".

- At the end of 5.4.2.1 of the IMDG Code, in the Note, replace "tanks" by:

"portable tanks".

[Reference document: informal document INF.6]

- In 5.4.2.4 of the IMDG Code, replace "dangerous goods transport document" by "container/vehicle packing certificate".

Chapter 6.1

6.1.5.5.4 [The amendments in the French version do not apply to the English text.]

Chapter 6.2

6.2.4.1 Amend the Table, under "for closures", as follows:

- For standard "EN ISO 10297:2006", in column (4), replace "Until further notice" by:

"Between 1 January 2009 and 31 December 2018".

- After standard "EN ISO 10297:2006", insert the following new row:

(1)	(2)	(3)	(4)	(5)
"EN ISO 10297:2014	Gas cylinders – Cylinder valves – Specification and type testing (ISO/DIS 10297:2012)	6.2.3.1 and 6.2.3.3	Until further notice	

- At the end, add the following new standard:

(1)	(2)	(3)	(4)	(5)
EN ISO 14246:2014	Gas cylinders – Cylinder valves – Manufacturing tests and examinations (ISO 14246:2014)	6.2.3.1 and 6.2.3.4	Until further notice	

[Reference documents: informal document INF.2]

Chapter 6.4

6.4.11.8 (a) [The amendment in the French version does not apply to the English text.]

6.4.11.14 [The amendment in the German version does not apply to the English text.]

6.4.13 [The amendment in the German version does not apply to the English text.]

6.4.19 [The amendment in the German version does not apply to the English text.]

6.4.23.15 [The amendment in the German version does not apply to the English text.]

6.4.23.17 [The amendment in the German version does not apply to the English text.]

Chapter 6.5

6.5.6.2.2 [The amendment in the French version does not apply to the English text.]

Chapter 6.7

6.7.2.1 In the definition of "Portable tank", replace "a vehicle" by:
"a road vehicle".

[Reference document: OTIF/RID/CE/GTP/2016/1]

[The second amendment in the French version does not apply to the English text.]

6.7.3.1 In the definition of "Portable tank", replace "a vehicle" by:
"a road vehicle".

[Reference document: OTIF/RID/CE/GTP/2016/1]

[The second amendment in the French version does not apply to the English text.]

6.7.3.15.3 [The amendment in the French version does not apply to the English text.]

6.7.4.1 In the definition of "Portable tank", replace "a vehicle" by:
"a road vehicle".

[Reference document: OTIF/RID/CE/GTP/2016/1]

[The second amendment in the French version does not apply to the English text.]

6.7.4.5.12 [The amendment in the French version does not apply to the English text.]

6.7.4.14.10 [The amendment in the French version does not apply to the English text.]

6.7.5.2.1 In the last sentence, replace "a vehicle" by:
"a road vehicle".

[Reference document: OTIF/RID/CE/GTP/2016/1]

[The second amendment in the French version does not apply to the English text.]

Chapter 6.8

6.8.3.2.9 [The amendment in the French version does not apply to the English text.]

Chapter 7.5**7.5.11**

CW 33 [The amendments to paragraphs (3.3) and (4.2) in the German version do not apply to the English text.]

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