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)
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**Annex I:** Texts adopted by the 6th 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 RID

Use 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 business

Report 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.
Annex I

Texts adopted by the 6th session of the RID Committee of Experts' standing working group

A. 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".
UN 3171 In column (20), insert:
"90".

UN 3528 In column (3b), insert:
"F3".
In column (20), insert:
"30".

UN 3529 In column (3b), insert:
"6F".
In column (20), insert:
"23".

UN 3530 In column (3b), insert:
"M11".
In column (20), insert:
"90".

Table B Amend the first amendment instruction to read as follows:
"Insert the following new entries:

<table>
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<tr>
<th>Name and description</th>
<th>UN No.</th>
<th>Note</th>
<th>NHM Code</th>
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<td>Calomel: see</td>
<td>2025</td>
<td></td>
<td>285200</td>
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<tr>
<td>ENGINE, FUEL CELL, FLAMMABLE GAS POWERED</td>
<td>3529</td>
<td></td>
<td>8407++</td>
</tr>
<tr>
<td>ENGINE, FUEL CELL, FLAMMABLE LIQUID POWERED</td>
<td>3528</td>
<td></td>
<td>8407++</td>
</tr>
<tr>
<td>ENGINE, INTERNAL COMBUSTION</td>
<td>3530</td>
<td></td>
<td>8407++</td>
</tr>
<tr>
<td>ENGINE, INTERNAL COMBUSTION, FLAMMABLE GAS POWERED</td>
<td>3529</td>
<td></td>
<td>8407++</td>
</tr>
<tr>
<td>ENGINE, INTERNAL COMBUSTION, FLAMMABLE LIQUID POWERED</td>
<td>3528</td>
<td></td>
<td>8407++</td>
</tr>
<tr>
<td>Name and description</td>
<td>UN No.</td>
<td>Note</td>
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<tr>
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<tr>
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<td>8407++</td>
<td></td>
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<tr>
<td>MACHINERY, FUEL CELL, FLAMMABLE LIQUID POWERED</td>
<td>3528</td>
<td>8407++</td>
<td></td>
</tr>
<tr>
<td>MACHINERY, INTERNAL COMBUSTION</td>
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<tr>
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<td>3528</td>
<td>8407++</td>
<td></td>
</tr>
<tr>
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<td>3527</td>
<td>3907++</td>
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<td>39+++++</td>
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<td>930690</td>
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</table>

[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 Code may be provided with the transport document."  

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."


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 POWERED 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:

<table>
<thead>
<tr>
<th>Name and description</th>
<th>UN No.</th>
<th>Amendment</th>
</tr>
</thead>
<tbody>
<tr>
<td>ALDOL</td>
<td>2839</td>
<td>Amend the NHM Code in column (4) to read as follows: &quot;291249&quot;.</td>
</tr>
<tr>
<td>ALUMINIUM PHOSPHIDE PESTICIDE</td>
<td>3048</td>
<td>Amend the NHM Code in column (4) to read as follows: &quot;284800&quot;.</td>
</tr>
<tr>
<td>BENZOTRICHLORIDE</td>
<td>2226</td>
<td>Amend the NHM Code in column (4) to read as follows: &quot;290399&quot;.</td>
</tr>
<tr>
<td>BENZOTRIFLUORIDE</td>
<td>2338</td>
<td>Amend the NHM Code in column (4) to read as follows: &quot;290399&quot;.</td>
</tr>
<tr>
<td>BENZYL BROMIDE</td>
<td>1737</td>
<td>Amend the NHM Code in column (4) to read as follows: &quot;290399&quot;.</td>
</tr>
<tr>
<td>BENZYL CHLORIDE</td>
<td>1738</td>
<td>Amend the NHM Code in column (4) to read as follows: &quot;290399&quot;.</td>
</tr>
<tr>
<td>BENZYLIDENE CHLORIDE</td>
<td>1886</td>
<td>Amend the NHM Code in column (4) to read as follows: &quot;290399&quot;.</td>
</tr>
<tr>
<td>Name and description</td>
<td>UN No.</td>
<td>Amendment</td>
</tr>
<tr>
<td>-------------------------------------------------------</td>
<td>--------</td>
<td>---------------------------------------------------------------------------</td>
</tr>
<tr>
<td>BENZYL IODIDE</td>
<td>2653</td>
<td>Amend the NHM Code in column (4) to read as follows: &quot;290399&quot;.</td>
</tr>
<tr>
<td>BROMOBENZENE</td>
<td>2514</td>
<td>Amend the NHM Code in column (4) to read as follows: &quot;290399&quot;.</td>
</tr>
<tr>
<td>BROMOCHLOROMETHANE</td>
<td>1887</td>
<td>Amend the NHM Code in column (4) to read as follows: &quot;290379&quot;.</td>
</tr>
<tr>
<td>1-BROMO-3-CHLOROPROPANE</td>
<td>2688</td>
<td>Amend the NHM Code in column (4) to read as follows: &quot;290379&quot;.</td>
</tr>
<tr>
<td>BROMOTRIFLUOROETHYLENE</td>
<td>2419</td>
<td>Amend the NHM Code in column (4) to read as follows: &quot;290378&quot;.</td>
</tr>
<tr>
<td>BROMOTRIFLUOROMETHANE</td>
<td>1009</td>
<td>Amend the NHM Code in column (4) to read as follows: &quot;290376&quot;.</td>
</tr>
<tr>
<td>CAMPHOR, synthetic</td>
<td>2717</td>
<td>Amend the NHM Code in column (4) to read as follows: &quot;291249&quot;.</td>
</tr>
<tr>
<td>CHLORODIFLUOROBROMOMETHANE</td>
<td>1974</td>
<td>Amend the NHM Code in column (4) to read as follows: &quot;290376&quot;.</td>
</tr>
<tr>
<td>1-CHLORO-1,1-DIFLUOROETHANE</td>
<td>2517</td>
<td>Amend the NHM Code in column (4) to read as follows: &quot;290379&quot;.</td>
</tr>
<tr>
<td>CHLOROBENZENE</td>
<td>1134</td>
<td>Amend the NHM Code in column (4) to read as follows: &quot;290399&quot;.</td>
</tr>
<tr>
<td>CHLOROBENZOTRIFLUORIDES</td>
<td>2234</td>
<td>Amend the NHM Code in column (4) to read as follows: &quot;290399&quot;.</td>
</tr>
<tr>
<td>CHLOROBENZYL CHLORIDES, LIQUID</td>
<td>2235</td>
<td>Amend the NHM Code in column (4) to read as follows: &quot;290399&quot;.</td>
</tr>
<tr>
<td>CHLOROBENZYL CHLORIDES, SOLID</td>
<td>3427</td>
<td>Amend the NHM Code in column (4) to read as follows: &quot;290399&quot;.</td>
</tr>
<tr>
<td>CHLORODIFLUOROMETHANE</td>
<td>1018</td>
<td>Amend the NHM Code in column (4) to read as follows: &quot;290379&quot;.</td>
</tr>
<tr>
<td>CHLOROPENTAFLUOROETHANE</td>
<td>1020</td>
<td>Amend the NHM Code in column (4) to read as follows: &quot;290377&quot;.</td>
</tr>
<tr>
<td>1-CHLORO-1,2,2,2-TETRAFLUOROETHANE</td>
<td>1021</td>
<td>Amend the NHM Code in column (4) to read as follows: &quot;290379&quot;.</td>
</tr>
<tr>
<td>CHLOROTOLUENES</td>
<td>2238</td>
<td>Amend the NHM Code in column (4) to read as follows: &quot;290399&quot;.</td>
</tr>
<tr>
<td>1-CHLORO-2,2,2-TRIFLUOROETHANE</td>
<td>1983</td>
<td>Amend the NHM Code in column (4) to read as follows: &quot;290379&quot;.</td>
</tr>
<tr>
<td>Name and description</td>
<td>UN No.</td>
<td>Amendment</td>
</tr>
<tr>
<td>--------------------------------------------------------------------------------------</td>
<td>--------</td>
<td>---------------------------------------------------------------------------</td>
</tr>
<tr>
<td>CHLOROTRIFLUOROMETHANE</td>
<td>1022</td>
<td>Amend the NHM Code in column (4) to read as follows: &quot;290377&quot;.</td>
</tr>
<tr>
<td>DIBROMOCHLOROPROPANES</td>
<td>2872</td>
<td>Amend the NHM Code in column (4) to read as follows: &quot;290379&quot;.</td>
</tr>
<tr>
<td>DIBROMODIFLUOROMETHANE</td>
<td>1941</td>
<td>Amend the NHM Code in column (4) to read as follows: &quot;290378&quot;.</td>
</tr>
<tr>
<td>α-DICHLOROBENZENE</td>
<td>1591</td>
<td>Amend the NHM Code in column (4) to read as follows: &quot;290399&quot;.</td>
</tr>
<tr>
<td>DICHLORODIFLUOROMETHANE</td>
<td>1028</td>
<td>Amend the NHM Code in column (4) to read as follows: &quot;290377&quot;.</td>
</tr>
<tr>
<td>DICHLOROFLUOROMETHANE</td>
<td>1029</td>
<td>Amend the NHM Code in column (4) to read as follows: &quot;290379&quot;.</td>
</tr>
<tr>
<td>1,2-DICHLORO-1,1,2,2-TETRAFLUOROETHANE</td>
<td>1958</td>
<td>Amend the NHM Code in column (4) to read as follows: &quot;290377&quot;.</td>
</tr>
<tr>
<td>DIKETENE, STABILIZED</td>
<td>2521</td>
<td>Amend the NHM Code in column (4) to read as follows: &quot;293220&quot;.</td>
</tr>
<tr>
<td>DIPHENYLMETHYL BROMIDE</td>
<td>1770</td>
<td>Amend the NHM Code in column (4) to read as follows: &quot;290399&quot;.</td>
</tr>
<tr>
<td>FLUOROBENZENE</td>
<td>2387</td>
<td>Amend the NHM Code in column (4) to read as follows: &quot;290399&quot;.</td>
</tr>
<tr>
<td>FLUOROTOLUENES</td>
<td>2388</td>
<td>Amend the NHM Code in column (4) to read as follows: &quot;290399&quot;.</td>
</tr>
<tr>
<td>HAFNIUM POWDER, DRY</td>
<td>2545</td>
<td>Amend the NHM Code in column (4) to read as follows: &quot;8112++&quot;.</td>
</tr>
<tr>
<td>HAFNIUM POWDER, WETTED with not less than 25% water</td>
<td>1326</td>
<td>Amend the NHM Code in column (4) to read as follows: &quot;8112++&quot;.</td>
</tr>
<tr>
<td>HEXACHLOROBENZENE</td>
<td>2729</td>
<td>Amend the NHM Code in column (4) to read as follows: &quot;290399&quot;.</td>
</tr>
<tr>
<td>HEXACHLOROCYCLOPENTADIENE</td>
<td>2646</td>
<td>Amend the NHM Code in column (4) to read as follows: &quot;290389&quot;.</td>
</tr>
<tr>
<td>1-HYDROXYBENZOTRIAZOLE, ANHYDROUS, dry or wetted with less than 20% water, by mass</td>
<td>0508</td>
<td>Amend the NHM Code in column (4) to read as follows: &quot;293399&quot;.</td>
</tr>
<tr>
<td>1-HYDROXYBENZOTRIAZOLE MONOHYDRATE</td>
<td>3474</td>
<td>Amend the NHM Code in column (4) to read as follows: &quot;293399&quot;.</td>
</tr>
<tr>
<td>LONDON PURPLE</td>
<td>1621</td>
<td>Amend the NHM Code in column (4) to read as follows: &quot;284800&quot;.</td>
</tr>
<tr>
<td>Name and description</td>
<td>UN No.</td>
<td>Amendment</td>
</tr>
<tr>
<td>----------------------</td>
<td>--------</td>
<td>-----------</td>
</tr>
<tr>
<td>Monochlorobenzene: see</td>
<td>1134</td>
<td>Amend the NHM Code in column (4) to read as follows: &quot;290399&quot;.</td>
</tr>
<tr>
<td>NITROCELLULOSE MEMBRANE FILTERS, with not more than 12.6% nitrogen, by dry mass</td>
<td>3270</td>
<td>Amend the NHM Code in column (4) to read as follows: &quot;392099&quot;.</td>
</tr>
<tr>
<td>OCTAFLUOROCYCLOBUTANE</td>
<td>1976</td>
<td>Amend the NHM Code in column (4) to read as follows: &quot;290389&quot;.</td>
</tr>
<tr>
<td>POLYCHLORINATED BIPHENYLs, LIQUID</td>
<td>2315</td>
<td>Amend the NHM Code in column (4) to read as follows: &quot;290399&quot;.</td>
</tr>
<tr>
<td>POLYCHLORINATED BIPHENYLs, SOLID</td>
<td>3432</td>
<td>Amend the NHM Code in column (4) to read as follows: &quot;290399&quot;.</td>
</tr>
<tr>
<td>POLYHALOGENATED BIPHENYLs, LIQUID</td>
<td>3151</td>
<td>Amend the NHM Code in column (4) to read as follows: &quot;290399&quot;.</td>
</tr>
<tr>
<td>POLYHALOGENATED BIPHENYLs, SOLID</td>
<td>3152</td>
<td>Amend the NHM Code in column (4) to read as follows: &quot;290399&quot;.</td>
</tr>
<tr>
<td>POLYHALOGENATED TERPHENYLs, LIQUID</td>
<td>3151</td>
<td>Amend the NHM Code in column (4) to read as follows: &quot;290399&quot;.</td>
</tr>
<tr>
<td>POLYHALOGENATED TERPHENYLs, SOLID</td>
<td>3152</td>
<td>Amend the NHM Code in column (4) to read as follows: &quot;290399&quot;.</td>
</tr>
<tr>
<td>POTASSIUM FLUOROSILICATE</td>
<td>2655</td>
<td>Amend the NHM Code in column (4) to read as follows: &quot;282690&quot;.</td>
</tr>
<tr>
<td>REFRIGERANT GAS R 113</td>
<td>1082</td>
<td>Amend the NHM Code in column (4) to read as follows: &quot;290377&quot;.</td>
</tr>
<tr>
<td>REFRIGERANT GAS R 114</td>
<td>1958</td>
<td>Amend the NHM Code in column (4) to read as follows: &quot;290377&quot;.</td>
</tr>
<tr>
<td>REFRIGERANT GAS R 115</td>
<td>1020</td>
<td>Amend the NHM Code in column (4) to read as follows: &quot;290377&quot;.</td>
</tr>
<tr>
<td>REFRIGERANT GAS R 12</td>
<td>1028</td>
<td>Amend the NHM Code in column (4) to read as follows: &quot;290377&quot;.</td>
</tr>
<tr>
<td>REFRIGERANT GAS R 124</td>
<td>1021</td>
<td>Amend the NHM Code in column (4) to read as follows: &quot;290379&quot;.</td>
</tr>
<tr>
<td>REFRIGERANT GAS R 12B1</td>
<td>1974</td>
<td>Amend the NHM Code in column (4) to read as follows: &quot;290376&quot;.</td>
</tr>
<tr>
<td>REFRIGERANT GAS R 13</td>
<td>1022</td>
<td>Amend the NHM Code in column (4) to read as follows: &quot;290377&quot;.</td>
</tr>
<tr>
<td>REFRIGERANT GAS R 133a</td>
<td>1983</td>
<td>Amend the NHM Code in column (4) to read as follows: &quot;290379&quot;.</td>
</tr>
<tr>
<td>Name and description</td>
<td>UN No.</td>
<td>Amendment</td>
</tr>
<tr>
<td>---------------------------------------------------</td>
<td>--------</td>
<td>---------------------------------------------------------------------------</td>
</tr>
<tr>
<td>REFRIGERANT GAS R 13B1</td>
<td>1009</td>
<td>Amend the NHM Code in column (4) to read as follows: &quot;290376&quot;.</td>
</tr>
<tr>
<td>REFRIGERANT GAS R 142b</td>
<td>2517</td>
<td>Amend the NHM Code in column (4) to read as follows: &quot;290379&quot;.</td>
</tr>
<tr>
<td>REFRIGERANT GAS R 21</td>
<td>1029</td>
<td>Amend the NHM Code in column (4) to read as follows: &quot;290379&quot;.</td>
</tr>
<tr>
<td>REFRIGERANT GAS R 22</td>
<td>1018</td>
<td>Amend the NHM Code in column (4) to read as follows: &quot;290379&quot;.</td>
</tr>
<tr>
<td>REFRIGERANT GAS RC 318</td>
<td>1976</td>
<td>Amend the NHM Code in column (4) to read as follows: &quot;290389&quot;.</td>
</tr>
<tr>
<td>SODIUM CARBONATE PEROXY-HYDRATE</td>
<td>3378</td>
<td>Amend the NHM Code in column (4) to read as follows: &quot;283699&quot;.</td>
</tr>
<tr>
<td>SODIUM FLUOROSILICATE</td>
<td>2674</td>
<td>Amend the NHM Code in column (4) to read as follows: &quot;282690&quot;.</td>
</tr>
<tr>
<td>TERPINOLENE</td>
<td>2541</td>
<td>Amend the NHM Code in column (4) to read as follows: &quot;3805++&quot;.</td>
</tr>
<tr>
<td>TRIAZINE PESTICIDE, LIQUID, FLAMMABLE, TOXIC,</td>
<td>2764</td>
<td>Amend the NHM Code in column (4) to read as follows: &quot;380893&quot;.</td>
</tr>
<tr>
<td>flash-point less than 23 °C</td>
<td></td>
<td></td>
</tr>
<tr>
<td>TRIAZINE PESTICIDE, LIQUID, TOXIC</td>
<td>2998</td>
<td>Amend the NHM Code in column (4) to read as follows: &quot;380893&quot;.</td>
</tr>
<tr>
<td>TRIAZINE PESTICIDE, LIQUID, TOXIC, FLAMMABLE,</td>
<td>2997</td>
<td>Amend the NHM Code in column (4) to read as follows: &quot;380893&quot;.</td>
</tr>
<tr>
<td>flash-point not less than 23 °C</td>
<td></td>
<td></td>
</tr>
<tr>
<td>TRIAZINE PESTICIDE, SOLID, TOXIC</td>
<td>2763</td>
<td>Amend the NHM Code in column (4) to read as follows: &quot;380893&quot;.</td>
</tr>
<tr>
<td>TRICHLOROBENZENES, LIQUID</td>
<td>2321</td>
<td>Amend the NHM Code in column (4) to read as follows: &quot;290399&quot;.</td>
</tr>
<tr>
<td>TRIFLUOROCHLOROETHYLENE, STABILIZED</td>
<td>1082</td>
<td>Amend the NHM Code in column (4) to read as follows: &quot;290377&quot;.</td>
</tr>
<tr>
<td>XYLYL BROMIDE, LIQUID</td>
<td>1701</td>
<td>Amend the NHM Code in column (4) to read as follows: &quot;290399&quot;.</td>
</tr>
<tr>
<td>XYLYL BROMIDE, SOLID</td>
<td>3417</td>
<td>Amend the NHM Code in column (4) to read as follows: &quot;290399&quot;.</td>
</tr>
</tbody>
</table>

[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 A1 and A2 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".
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:

  
<table>
<thead>
<tr>
<th>(1)</th>
<th>(2)</th>
<th>(3)</th>
<th>(4)</th>
<th>(5)</th>
</tr>
</thead>
<tbody>
<tr>
<td>&quot;EN ISO 10297:2014</td>
<td>Gas cylinders – Cylinder valves – Specification and type testing (ISO/DIS 10297:2012)</td>
<td>6.2.3.1 and 6.2.3.3</td>
<td>Until further notice</td>
<td></td>
</tr>
</tbody>
</table>

- At the end, add the following new standard:

  
<table>
<thead>
<tr>
<th>(1)</th>
<th>(2)</th>
<th>(3)</th>
<th>(4)</th>
<th>(5)</th>
</tr>
</thead>
<tbody>
<tr>
<td>&quot;EN ISO 14246:2014</td>
<td>Gas cylinders – Cylinder valves – Manufacturing tests and examinations (ISO 14246:2014)</td>
<td>6.2.3.1 and 6.2.3.4</td>
<td>Until further notice</td>
<td></td>
</tr>
</tbody>
</table>

[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.]
Annex II

Liste des participants
Teilnehmerliste
List of participants

I. États parties au RID/RID-Vertragsstaaten/RID Contracting States

Allemagne/Deutschland/Germany

Mr Helmut Rein
Mr Alfons Hoffmann
Mr Benjamin Körner

Autriche/Österreich/Austria

Mr Othmar Krammer
Mr Gerhard Mayer

Belgique/Belgien/Belgium

Ms Caroline Bailleux

Danemark/Dänemark/Denmark

Ms Bolette Daugaard
Mr Steen Riis Thomsen

Espagne/Spanien/Spain

Ms Silvia García Wolfrum
Mr Luis del Prado Arévalo

France/Frankreich/France

Mr Michel Korhel

Hongrie/Ungarn/Hungary

Ms Árpádné Hudák

Italie/Italien/Italy

Mr Benedetto Legittimo
Mr Rocco Cammarata
Mr Daniele Perticoni
Lettonie/Lettland/Latvia
Mr. Dainis Lacis
Mr. Valērijs Stuppe

Lituanie/Litauen/Lithuania
Ms Liubovė Meilė Vancevičienė

Pays-Bas/Niederlande/Netherlands
Mr. Henk Langenberg

Pologne/Polen/Poland
Ms Joanna Dolińska
Mr. Szczepan Budzyński

République tchèque/Tschechische Republik/Czech Republic
Mr. Luboš Knížek
Mr. Stanislav Hájek
Mr. Vladimír Hájek

Roumanie/Rumänien/Romania
Ms Valerica Stan
Ms Silvica Nica

Royaume-Uni/Vereinigtes Königreich/United Kingdom
Mr. Ian Boddington
Mr. Arne Bale

Suède/Schweden/Sweden
Mr. Bo Zetterström

Suisse/Schweiz/Switzerland
Mr. Colin Bonnet

Turquie/Türkei/Turkey
Mr. Haydar Ufuk Kale
Mr. Esat Emre Koç
II. Organisations internationales gouvernementales/
    Internationale Regierungsorganisationen/ International governmental organisations

Union européenne/Europäische Union/European Union

Mr Roberto Ferravante

Agence ferroviaire européenne/Europäische Eisenbahn-Agentur/European Railway Agency
    (ERA)

Mr Emmanuel Ruffin

Committee of the Organization for Cooperation of Railways (OSJD)

Mr Ehsan Arfa

III. Organisations internationales non gouvernementales
    Internationale Nichtregierungsorganisationen
    International non-governmental organisations

CEFIC

Mr Torsten Klein
Mr Erwin Sigrist

EASA

Mr Stefan Jenny

IDGCA

Mr. Emil Akhundov

UIC

Mr Jean-Georges Heintz

UIP

Mr Oliver Behrens
Mr Philipe Laluc

UIRR

Mr Ullrich Lück
Mr Onorato Zanini
IV. Secrétariat/Sekretariat/Secretariat
Mr Jochen Conrad
Ms Katarina Guricová

V. Interprètes/Dolmetscher/Interpreters
Mr Werner Küpper
Mr David Ashman