



**Economic and Social  
Council**

Distr.  
GENERAL

TRANS/WP.15/AC.2/9  
25 January 2001

ENGLISH  
Original: FRENCH

---

**ECONOMIC COMMISSION FOR EUROPE**

**INLAND TRANSPORT COMMITTEE**

Working Party on the Transport  
of Dangerous Goods

Joint Meeting of Experts on the Regulations  
annexed to the European Agreement concerning  
the International Carriage of Dangerous Goods  
by Inland Waterways (ADN)

(Fourth session, Geneva, 16-18 January 2001)

**REPORT OF THE MEETING OF EXPERTS ON ITS FOURTH SESSION  
(16-18 January 2001)**

CONTENTS

	<u>Paragraphs</u>	<u>Page</u>
Attendance .....	1 - 2	3
Adoption of the agenda .....	3 - 4	3
Election of officers .....	5	3

---

Distributed in German by the Central Commission for the Navigation of the Rhine under the symbol CCNR/ZKR/ADN/WP.15/AC.2/9.

CONTENTS (continued)

	<u>Paragraphs</u>	<u>Page</u>
Status of the European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways (ADN) .....	6 - 13	3
Restructuring of ADN .....	14 - 26	4
Appointment of provisional committees of experts to consider requests for recognition from classification societies .....	27 - 32	5
Proposals for amendments to the Regulations annexed to ADN .....	33 - 35	6
Recommendations for the implementation of the updates of the Regulations annexed to ADN at the national level .....	36 - 39	6
Programme of work and calendar of meetings .....	40 - 42	7
Adoption of the report .....	43	7

---

Annex

Amendments to the Regulations annexed to the European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways (ADN)

Addendum 1

The consolidated text of the amendments to the Regulations annexed to ADN will be circulated as an addendum to this report (TRANS/WP.15/AC.2/9/Add.1).

## **ATTENDANCE**

1. The Joint Meeting of Experts on the Regulations annexed to the European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways held its fourth session in Geneva from 16 to 18 January 2001. Representatives of the following countries took part in the work of the session: Austria; Belgium; Czech Republic; France; Germany; Netherlands; Russian Federation; Switzerland. The European Commission and the Danube Commission were also represented. In addition, the following non-governmental organization was represented: International Association of Classification Societies (IACS).
2. The secretariat of the Economic Commission for Europe and the secretariat of the Central Commission for the Navigation of the Rhine acted jointly as the secretariat.

## **ADOPTION OF THE AGENDA**

3. The Joint Meeting of Experts adopted the agenda of its fourth session as contained in document TRANS/WP.15/AC.2/8.
4. Since document TRANS/WP.15/AC.2/2001/1 was not available in Russian at the start of the session, it was decided to discuss agenda item 5 before agenda item 4 while waiting for the document to be made available to the Russian-speaking delegations.

## **ELECTION OF OFFICERS**

5. On the proposal of the representative of the Netherlands, Mr. H. Rein (Germany) was elected Chairman. On the proposal of the representative of Germany, Mr. M. Rak (Czech Republic) was elected Vice-Chairman.

## **STATUS OF THE EUROPEAN AGREEMENT CONCERNING THE INTERNATIONAL CARRIAGE OF DANGEROUS GOODS BY INLAND WATERWAYS (ADN)**

6. The Meeting noted that ADN had been signed by the following eight countries: Bulgaria, Croatia, Czech Republic, France, Germany, Italy, Netherlands, Slovakia.
7. The representative of the Russian Federation said that the signature and ratification procedure had not yet been initiated in his country because the Russian translation of the Regulations annexed to the Agreement had not yet been distributed by the Depositary.
8. The representative of Germany said that Germany was awaiting notification of the German translation of the annexes to complete the ratification procedure.
9. The representative of Austria said that his country was intending to accede definitively to ADN in the course of the year.
10. The representative of France said that procedures had been initiated for ratification but that he could give no indication of how long they would take.

11. The representative of the Czech Republic said that the documents required for the ratification procedure were being prepared.
12. The representative of the Netherlands said that he could not give any indication as to how long the ratification process would take for his country.
13. The representatives of Belgium and Switzerland said that their administrations had not yet undertaken any official steps to sign the Agreement.

#### **RESTRUCTURING OF ADN**

14. The Chairman explained that CCNR was currently working on the restructuring of ADN on the model of the restructuring of RID and ADR and that a proposal would be made that the Regulations annexed to ADN should also be restructured accordingly.
15. Annexes A, B.1, B.2, C, D.1 and D.2 would be replaced by Regulations in nine parts.
16. Part 1 would comprise the general provisions, definitions, new provisions relating to the respective obligations of the various participants in the transport chain, new provisions concerning the safety adviser, and the provisions of Annexes C, D.1 and D.2.
17. Part 2 would take up Part 2 of the restructured ADR, including the new classification codes, with the additions specific to ADN.
18. Part 3 would take up Part 3 of ADR, adapted to ADN, with some additional provisions, and a Table C (equivalent to Appendix 4 to the present Annex B.2) concerning carriage in tank-vessels.
19. For Parts 4 and 6, concerning the use of packagings, tanks, etc. and their construction and approval, the Meeting was of the opinion that it would be unnecessary to reproduce the ADR texts, and that it would be preferable to indicate that the packagings, tanks, etc. authorized for carriage under the IMDG Code, RID, ADR and the ICAO Technical Instructions, were also authorized by ADN.
20. For Part 5, the Meeting noted that Germany would prepare a specific proposal adapted to carriage by inland waterway.
21. Part 7 would take up the conditions of carriage of present Annexes B.1 and B.2, with some adaptations in connection with the abandonment of the system of classification using item numbers and letters.
22. Part 8 would contain the operational provisions of the present Annexes B.1 and B.2, while Part 9 would concern the construction of vessels.
23. The Meeting noted that it was planned to prepare new provisions concerning the carriage of radioactive material in accordance with IAEA Regulations ST-1 (1996), but that it would not be possible to bring them into force on the Rhine before 1 January 2003. There would therefore

be a discrepancy with the other transport modes in 2002, but several delegations said that this would not cause any serious problems since the quantities of Class 7 carried by inland waterway were minimal and that it would always be possible to conclude special agreements if necessary.

24. The Meeting agreed that the work of restructuring could be carried out within CCNR in accordance with the above structure described and that the amendments to the Regulations annexed to ADN could be prepared without any need for the Joint Meeting of Experts to discuss the details, except for the substantive amendments which should be given particular attention at the next session.

25. Some delegations and the UN/ECE secretariat, however, said that it would be necessary for the texts to be adopted by the Meeting sufficiently in advance to permit countries applying the Regulations annexed to ADN nationally to implement the restructured text as from 1 January 2003. As from that date, the restructured ADR would be definitively applicable, and since it was incompatible with ADN in its present form, it would no longer be possible to apply ADN if it was not in line with ADR.

26. A member of the CCNR secretariat said that the texts of the restructured ADN were expected to be adopted in the autumn of 2001 and could then be submitted to the Joint Meeting of Experts for January 2002. A member of the UN/ECE secretariat said that in view of the time required for translation, the submission date was too late. He asked that the texts should be submitted section by section as soon as they were available, even before their final adoption by CCNR, and even if it meant making subsequent corrections. This would allow the translations to be spread over time and ensure that the texts were available in time. The Joint Meeting requested the secretariat of CCNR and the CCNR delegations concerned to follow this procedure and to reference clearly the texts submitted, indicating from which part of the restructured ADR or the current version of ADN the draft texts of the restructured ADN were taken.

#### **APPOINTMENT OF PROVISIONAL COMMITTEES OF EXPERTS TO CONSIDER REQUESTS FOR RECOGNITION FROM CLASSIFICATION SOCIETIES**

27. It was recalled that, in accordance with the resolution adopted by the Diplomatic Conference at the time of the adoption of the ADN Agreement (see ECE/TRANS/ADN/CONF/10/Add.1 and TRANS/WP.15/AC.2/8), the Joint Meeting of Experts had the mandate to appoint, amongst Contracting States and Signatory States, provisional committees of experts for preliminary consideration of requests from classification societies which wished to be recommended for recognition.

28. The representatives of the Netherlands, Germany, France, the Czech Republic and the Russian Federation said that they would nominate an expert to participate in the committee.

29. The Chairman reminded the representative of the Russian Federation that he could only nominate an expert if his country had signed the Agreement, which was not yet the case, or if it adhered to the Agreement after the period for signature (30 May 2001).

30. The Chairman said that Germany was intending to invite the committee to meet in Bonn during the second half of 2001; the committee's mandate at that meeting would be to define

guidelines for handling the candidatures of classification societies, on the understanding that for the time being it was merely a preliminary review to speed up procedures once the Agreement had entered into force.

31. The Meeting invited Contracting States or Signatory States to transmit to the secretariat the name and address of the expert they wished to nominate for the preliminary reviews, recalling, however, that the final nomination of the Committee of Experts to consider the candidatures of classification societies in accordance with Annex C, paragraph 2.2.2 of the ADN Agreement could be made only by the Administrative Committee of the Agreement.

32. The Meeting agreed that, in order to ensure the neutrality of the Committee of Experts and its independence vis-à-vis the classification societies, the experts nominated should not in principle belong to the classification societies. The Meeting therefore recommended that the States concerned should as far as possible abide by this principle.

### **PROPOSALS FOR AMENDMENTS TO THE REGULATIONS ANNEXED TO ADN**

#### **Document: TRANS/WP.15/AC.2/2001/1 (CCNR)**

33. The Meeting adopted the amendments proposed by CCNR with some changes (see the annex to this report).

34. For marginals 11 403, 41 403 and 52 403, the Meeting adopted a different version based on informal document INF.3 prepared by the secretariat, specifying that substances for which marking with three blue cones or three blue lights was required could not be carried in the same hold as other dangerous goods unless they were in containers or road vehicles with full metallic walls (see the annex to this report). The other XX 403 marginals should also be brought into line accordingly.

#### **Document: TRANS/WP.15/AC.2/2001/2 (Belgium)**

35. The proposal by Belgium to replace the word “steersman” by “master” in the English text was adopted. The Russian term should also be amended (see the annex to this report).

### **RECOMMENDATIONS FOR THE IMPLEMENTATION OF THE UPDATES TO THE REGULATIONS ANNEXED TO ADN AT THE NATIONAL LEVEL**

36. It was recalled that, in addition to the amendments adopted at the current session, the Meeting had at its previous session adopted in advance a number of amendments to the Regulations annexed to the ADN Agreement (see TRANS/WP.15/AC.2/7, annex 1).

37. In accordance with paragraph 1 (a) (ii) of the resolution adopted on 26 May 2000 by the Diplomatic Conference for the adoption of the ADN Agreement (see the annex to the agenda TRANS/WP.15/AC.2/8), the Meeting recommended the implementation at the national level of the provisions of the Regulations annexed to ADN and the amendments adopted at the

previous and current sessions. These amendments, which had already entered into force for ADN on 1 January 2001, would be included in an addendum to the present report (TRANS/WP.15/AC.2/9/Add.1).

38. The representative of the Danube Commission announced that his organization was intending to establish a group of experts on the transport of dangerous goods to promote the implementation of the ADN Agreement and the amendments in the Danube basin. He said that the experts from all the member States of the Danube Commission had already made themselves familiar with the ADN Agreement through the Commission.

39. The representative of the Russian Federation said that national regulations in his country were being revised for adaptation to the provisions of ADN.

### **PROGRAMME OF WORK AND CALENDAR OF MEETINGS**

40. The programme of work of the Meeting for 2002 would consist essentially in considering the first report of the Committee of Experts on classification societies and in completing the restructuring of the Regulations annexed to ADN.

41. The Meeting noted that the week of 21 to 25 January 2002 had been reserved for the next session. However, since all the texts concerning the restructuring might not perhaps be definitively ready by that week, the Meeting was requesting the scheduling of a second session before July 2002, even if it might mean shortening the first session. The secretariat would be responsible for scheduling the final dates.

42. The first meeting of the Provisional Committee of Experts to consider requests from classification societies would be held in Bonn (Germany) from 11 to 12 September 2001. As host of the meeting, Germany would provide translations in German, English and French (see paragraph 30 above).

### **ADOPTION OF THE REPORT**

43. The Meeting adopted the report of its fourth session together with its annex on the basis of a draft prepared by the secretariat.

---

## Annex

### Amendments to the Regulations annexed to the European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways (ADN)

#### 1. Amendments in accordance with document TRANS/WP.15/AC.2/2001/1

Document TRANS/WP.15/AC.2/2001/1 was adopted with the following amendments:

#### Marginal

10 410            Replace “in vehicles” by “in the same hold”.

11 403 (1)        Amend to read:

“(1) Substances and articles of Class 1 for which marginal 10 500 prescribes marking with three blue cones or three blue lights shall not be stowed in the same hold together with other dangerous goods, unless they are carried in road vehicles with complete metal walls or containers.

When the substances and articles of Class 1 referred to above are carried in road vehicles with complete metal walls or containers, these vehicles or containers shall be separated from other dangerous goods by a distance of not less than 12 m.

When the substances and articles of Class 1 referred to above and other dangerous goods are carried in adjacent holds, they shall be separated by a distance of not less than 12 m.”

Make the same amendments to 41 403 and 52 403.

Adapt 21 403, 31 403, 42 403, 43 403, 51 403, 61 403, 71 403, 81 403 and 91 403 accordingly. (Same text as above, but replacing “substances and articles of Class 1” by “substances and articles” and “other dangerous goods” by “goods of Class ...”, and indicating the class in question).

11 501 }            Read “Mode of navigation” instead of “Mode of carriage”.  
51 501 }

31 302 (1)        The proposed amendment concerns marginal 31 301 (1).

41 501            The amendment concerning the amendment of the heading was not adopted.

42 260 (4)        Replace “three blue cones or three blue lights” by “two blue cones or two blue lights”.

51 501 The amendments proposed concern 52 501; the amendment concerning the heading was not adopted.

110 292 (Concerns the German text only).

120 231 (2) The amendment is also applicable to 110 231 (2).

## Annex B.2

The proposed amendment concerning 20 014 applies to the proposed 210 014.

Delete “eductor” in the definition of “high-velocity vent valve” and replace it by “high-velocity vent valve” in the rest of the text.

210 307 (12) The proposed amendment applies to 210 307 (2).

210 315 (5) Instead of the proposed amendment to the second sentence, add “(see also Annex C, 6.4.3)”.

210 416 (7) Read:

“(7) When a tank vessel conforms to marginal 321 222 (5) (d) or 331 222 (5) (d), the shut-off devices of the individual cargo tanks shall be closed off during transport and opened during loading and gas-freeing.”

210 419 Heading, replace by “Inert gas systems in vessels”.

221 418 Heading, replace “Inerting of” by “Introducing inert gas in”.

Replace “éloigné” by “purgé” (concerns the French text only).

311 210 (3) }  
 321 210 (3) } (Does not concern the English text)  
 331 210 (3) }

331 292 (Concerns the German text only).

321 200 (1) (c) } Amend to read:  
 331 200 (1) (c) }

Add: The inside of vapour pipes and gas discharge pipes shall be protected against corrosion”.

321 220 (4) Replace “Add a new paragraph (4)” by “withstanding a deflagration”, at the end of paragraph (4).

- 321 221 (7) Instead of “Last paragraph”, amend to read:
- “Add at the end a new indent as follows” and insert the following text at the beginning of this paragraph:
- “When it is prescribed in column 20 of the list of substances, the instrument for measuring the overpressure of the gaseous phase” (... shall activate ...) (remainder unchanged).
- 321 222 (4) (a) (Does not concern the English text).
- (5) Delete “(a)” after “(5)”.
- 321 292 (Concerns the German text only).
- 331 211 (7) Insert the proposed amendment to paragraph (7) as a new paragraph (7) after paragraph (6).
- 331 211 Replace the proposed amendments to paragraphs 9 to 11 by the following:
- “After new paragraph (7) above, insert: “(8) Reserved”.
- Renumber existing paragraphs (7) to (9) as paragraphs (9), (10) and (11).
- In paragraph (11) (former (9)), replace “paragraphs (4) to (6)” by “paragraph(6) (c)”.
- 331 221 (5) Read: “Add the following text as (c)”.
- 331 221 (7) Same amendments as in 321 221 (7).

#### **Appendix 4, Annex B.2**

- 2.1 Add entry 1605
- 2.3 Delete entry 2448.
- 2.6 Add entry 2023.

4.1 Add the following new entry 1038:

1038	ETHYLENE, REFRIGERATED LIQUID	2, 3°F	2 + 3	G	1	1	1		95	0.57	1	no	T1	IIB	+	+	-	1	
------	-------------------------------------	--------	-------	---	---	---	---	--	----	------	---	----	----	-----	---	---	---	---	--

4.2 Add to the table:

1708	TOLUIDINE, (p-Toluidine)	6.1, 12° b)	6.1	C	2	2	2	25	95	1.05	2	no	-	-	-	+	2	7; 17; 20: +72° C
2430	ALKYLPHENOLS SOLID, NOS. (nonylphenol, isomeric mixture, molten)	8, 39° b)	8	N	3	3	2		95	0.95	3	yes	-	-	-	-	0	7; 17; 20: +125° C

**Annex D.1** Transitional provisions

At the end, insert in the third column of the table the texts relating to Remarks 5, 6 and 7, with the following references in the first and second columns:

Annex B.2, Appendix 4, Column 20	Remark 5	.....
Annex B.2, Appendix 4, Column 20	Remarks 6 and 7	.....

**2. Amendments in accordance with document TRANS/WP.15/AC.2/2001/2**

Replace “Steersman” by “Master” when it appears in the Regulations annexed to ADN.

(Make the same amendment to the Russian text).

-----