
Economic Commission for Europe

Inland Transport Committee

English

Working Party on the Transport of Dangerous Goods

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

Twenty-ninth session

Geneva, 22 - 25 August 2016

Item 5 of the provisional agenda

Reports of informal working groups

Report on the 15th meeting of the informal working group on the training of experts

Transmitted by the Central Commission for the Navigation of the Rhine (CCNR)

1. The informal working group on the training of experts held its 15th meeting on 14 and 15 March 2016 in Strasbourg, under the chairmanship of Mr. Weiner (Germany). Representatives of the following countries took part in the work of the meeting: Austria, Germany and Netherlands. The following non-governmental associations were represented: European Barge Union (EBU), European Chemical Industry Council (CEFIC) and International Committee for the Prevention of Work Accidents in Inland Navigation (CIPA).

1. Adoption of the agenda

CCNR-ZKR/ADN/WG/CQ/ 2016/2 a (Agenda)

CCNR-ZKR/ADN/WP.15/AC.2/2015/31 (Report of the 14th meeting)

2. The agenda and report were adopted.
3. Mr. Weiner notifies that Mr. Bölker is unable to attend the meeting and that he is acting as chairman on his behalf.
4. The CEFIC representative reports that the association would like to include a more detailed consideration of the issue of sampling in its catalogue of questions. He proposes addressing the topic under item 5.1.

2. Calendar of work

CCNR-ZKR/ADN/WP.15/AC.2/2015/9 (Calendar of work)

5. The CCNR Secretariat introduces the calendar of work, and explains that it has not changed from the previous version.
6. As regards task 2.4 “Training of instructors, deliberation on the need for recommendations on minimum requirements and standards for the certification of instructors)” it was resolved at the last meeting of the working group that no further requirements regarding the recognition of training institutions be included in the ADN. The

safety committee confirmed this conclusion at its meeting in January 2016, but requested that the working group continue the dialogue on recognition criteria.

The informal working group agrees that the task should remain in the calendar of work with a new priority 3.

The informal working group considers and confirms the calendar of work for 2016. The calendar of work for 2017/2018 is to be updated at the next meeting.

3. Continuous alignment of the ADN 2017 catalogue of questions (item 1 of the calendar of work)

CCNR-ZKR/ADN/WP.15/AC.2/2015/7 – Com. Secr. (ADN 2015 catalogue of questions, General)

CCNR-ZKR/ADN/WP.15/AC.2/2015/5 – Com. Secr. (ADN 2015 catalogue of questions, Chemicals)

CCNR-ZKR/ADN/WP.15/AC.2/2015/6 – Com. Secr. (ADN 2015 catalogue of questions, Gases)

ECE/TRANS/WP.15/AC.2/2011/4 to 17 – Com. Secr. (Confidential documents, substantive questions, ADN 2011)

CCNR-ZKR/ADN/WP.15/AC.2/26/INF.7 – Com. Secr. (Synopsis, 2015 catalogue of questions, General)

CCNR-ZKR/ADN/WP.15/AC.2/26/INF.9 – Com. Secr. (Synopsis, 2015 catalogue of questions, Chemicals)

CCNR-ZKR/ADN/WP.15/AC.2/26/INF.10 – Com. Secr. (Synopsis, 2015 catalogue of questions, Gases)

CCNR-ZKR/ADN/WG/CQ/2016/4 rev. 1 – Com. Secr. (ADN 2017 catalogue of questions, General)

CCNR-ZKR/ADN/WG/CQ/2016/6 rev. 1 – Com. Secr. (ADN 2017 catalogue of questions, Chemicals)

CCNR-ZKR/ADN/WG/CQ/2016/5 rev.1 – Com. Secr. (ADN 2017 catalogue of questions, Gases)

3.1. ADN 2017 ((new) item 1.3 of the calendar of work)

7. The informal working group considers the catalogue of questions in its ADN 2015 version and agrees on changes that are independent of ADN 2017 (linguistic improvements, technical terms, formulae, new questions relating to means of evacuation. The catalogues of questions are distributed by the CCNR Secretary as revised versions.

8. The informal working group agrees to consider the following issues at its next meeting:

- What provisions are there governing the use of the terms “fuel” and ‘combustible’? The informal group could take a lead from the ADR.
- Under 7.1.4.4.2 ADN, first bullet point, are metal container decks required in order to apply the exception?

- In the case of 7.1.4.4.3 ADN, are particular provisions required for flexible bulk containers?
 - As regards questions about gas measurements and sampling facilities, is the term “device” to be amended in each case to “equipment”?
 - Is question 232 06.0-05 to be redrafted as regards the information about the lower explosive limit? (Is there really a risk of explosion at 60% of the LEL?)
9. The informal working group agrees to delete question 232 06.0-10 from the catalogue of questions as LNG is carried in a pressurised tank and therefore no vapour return piping is required. Questions 232 08.0-11 and 232 08.0-12, 232 09.0-11 are postponed for further work.
10. The ADN safety committee could consider whether the vapour return piping required under 7.2.4.25.5 ADN is also to be used when using pressurised tanks.
11. The informal working group also agreed that in the case of questions 331 02.0-02, 31 02.0-10 and 331 02.0-21 the temperature to be used for calculation purposes must be in degrees Kelvin and not in degrees Celsius and that as regards questions pertaining to the carriage of chemicals, pressure data is to be provided in “overpressure [kPa]”.
12. The informal working group requests the ADN safety committee, at its next meeting, to discuss whether the flashpoint of fuels must be a minimum of 55° C or more than 55° C. (Reference: question 110 02.0-05 (Source: 7.1.3.41.3, 7.2.3.41.3, 9.1.0.31.1, 9.1.0.41.2, 9.2.0.41.2, 9.3.X.31.1 and 9.3.x.41.2)).
13. For question 120 08.0-14 the UNECE Secretariat is requested to check that the term “ambient-air-dependent breathing apparatus” has been correctly translated in the English and French translation of answer D.
14. The Chair notes that the substantive questions were last revised in 2011. He suggests revising the substantive questions at the next meeting of the informal working group. The member states could come up with proposals for this.
15. The working group agrees that further work on the catalogue of questions will once again be divided among the working group’s participants once the changes decided upon for ADN 2017 have been adopted.
16. The Secretariat agrees to distribute the amended texts for ADN 2017 within the working group by the end of May. At the forthcoming meeting of the safety committee in August, further changes to protection from explosion and arising from the joint meeting, as well as a number of corrections are expected.
17. The revision of the catalogue of questions is to be concluded at a meeting of the working group at the end of September 2016.

3.2. Modification of the directive for the use of the catalogue of questions for ADN expert examination (item 2.1 of the calendar of work)

CCNR-ZKR/ADN/WP.15/AC.2/2016/27 – Com. BE (Directive - catalogue of questions)

18. At the last meeting of the ADN safety committee, Belgium submitted a proposal containing amendments to the “directive for the use of the catalogue of questions for ADN expert examination”. The working group considers the proposals and recommends that the Belgian delegation’s proposals be accepted with the exception of the proposed numbering

19. The informal working group supplements Belgium's proposals with an addition on page 2 of the directive (page 4 of the document) under II "Numbering of examination questions in the catalogue" in the table, penultimate row, third column "according to this directive".

20. The informal working group was unable to consider question E-2 on the extinguishing process as Belgium's explanation contains no reference to the question in the catalogue of questions.

21. The working group confirms Belgium's opinion, that the term "examination" in 3.1.2 of this directive needs to be replaced in the English, French and Russian version by "test" in accordance with ADN 8.2.1.4 and requests the UNECE's Secretariat to do the necessary.

4. ADN expert examination (item 2 of the calendar of work)

4.1. Recognition of training in accordance with 8.2

CCNR-ZKR/ADN/WG/CQ/2014/1 – Com. DE

CCNR-ZKR/ADN/WP.15/AC.2/48, para. 25

ECE/TRANS/WP.15/AC.2/56, para. 25

22. The representative of the Dutch training organiser STC reports on the recognition criteria for training providers in the Netherlands. Certification of training courses is limited to 5 years. There were no particular requirements regarding the legal status and organisational structure of training organisers, he said, meaning that individuals could also be recognised. The instructors of his own company were all trained teachers and permanently employed, he said. [They should also hold an ADN expert training qualification] Training dates would be notified to the competent authority. As a rule, he said, it was difficult to find suitable instructors for the ADN as there are only a few individuals with this special knowledge who are also able to teach the subject matter.

23. The CIPA representative confirms that it is exceedingly difficult to find suitable instructors, but what was important is that they possess the necessary expertise.

24. The Austrian delegation reports that there is no defined catalogue of criteria in Austria for the certification of instructors.

25. The Chair reports that in Germany the competent authority decides on instructors as part of the recognition of the training courses in accordance with ADN regulations. There were no other directives, he said. By way of example, he reports on the recognition of ADR training courses (Dangerous goods Road) by the German Chambers of industry and commerce, in the course of which prospective instructors are individually checked as to their suitability and qualifications in a face-to-face meeting prior to the courses being recognised. He proposes that the individual member states exchange their recognition criteria for training courses. He invites the member states to pass these criteria to the informal working group.

4.2. Format of the expert certificate under 8.2

CCNR-ZKR/ADN/WP.15/AC.2/56, para. 26

26. The Chair reports on the last meeting of the safety committee, the proposed introduction of a cheque card format for the expert certificate was accepted. Germany has

agreed, he said, to prepare an application for introduction of the cheque card format, to come into force with effect from 1 January 2019.

27. The Chair presents the draft of a German document for the safety committee, and explains the changes required in the ADN for introduction of the cheque card format. He further explains that the proposed amendments had been developed based on the ADR. He suggests looking at the draft at the next meeting of the informal working group.

4.3. Harmonization of Chapter 8.2 “Requirements concerning training” with 8.2 of ADR

CCNR-ZKR/ADN/WG/CQ/2014/4 – Com. DE

CCNR-ZKR/ADN/WG/CQ/2013/3 – Com. DE

CCNR-ZKR/ADN/WP.15/AC.2/2013/17, paras.13-15

CCNR-ZKR/ADN/WP.15/AC.2/2013/31, paras 29-30

28. The informal working group will continue the work at the next meeting.

4.4. Evaluation of examination statistics

CCNR-ZKR/ADN/WP.15/AC.2/54, para. 37

CCNR-ZKR/ADN/WP.15/AC.2/56, para. 31

29. The informal working group will continue the work at the next meeting. It requests those delegations that have not yet submitted any information in the safety committee to support their work.

5. General issues concerning the catalogue of questions (item 3 of the calendar of work)

5.13 Training courses

30. Whether and how the carrying out of gas measurements is dealt with in the training courses was briefly touched upon. The measuring of poisonous and explosive gases was taught as part of the practical exercises. Those present were unable to provide any detailed information on the amount of time dedicated to the subject, nor the measuring methods/measuring devices employed.

31. The CEFIC representative reports on the conclusions drawn by a sampling working group organised by CEFIC and the shipping industry. This working group recommends including training material on the subject of sampling in ADN training courses.

The Expert Training Informal Working Group was of the opinion that making the individuals involved more aware of these issues was certainly desirable. But this is not primarily about safe carriage; the focus instead is on the quality assurance of the samples and the cooperation of the individuals involved in the sampling. This was not covered in the ADN expert training, he said.

The CEFIC representative then held out the prospect that the Sampling Working Group could instead draw up best practice guidelines on this matter.

6. Calendar

32. The group decided to hold its next meeting in Strasbourg from 26 to 28 September 2016, from 14 a.m. to 12 p.m.
