

## Economic Commission for Europe

### Inland Transport Committee

12 January 2016

#### 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) (ADN Safety Committee)

#### Twenty-eighth session

Geneva, 25 - 29 January 2016

Item 4 (e) of the provisional agenda

#### Implementation of the European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways (ADN) Matters related to classification societies

---

## Minutes of the tenth meeting of the Recommended ADN Classification Societies

### Transmitted by the Recommended ADN Classification Societies

**Date:** October, 14, 2015 from 09.30 to 17:00

**Place:** Bureau Veritas

Mechelsesteenweg 128 - 136

2018 Antwerpen (Belgium)

Attendees:

- Bureau Veritas (BV) : Robert Broere, Jean-Michel Chatelier, Guy Jacobs
- DNV-GL : Torsten Dosdahl
- Lloyd's Register : Bas Joormann
- RINA : Patrizio Di Francesco
- Russian Maritime Register of Shipping : Sergey Legusha
- Russian River Register : Mikhail Kozin
- Shipping Register of Ukraine: Mykola Slozko

### Agenda:

#### 1. Opening:

The Chairman, Mr J.-M. Chatelier opens the meeting.

## 2. Items from ADN Safety Committee meeting:

### (1) Class rules in line with ADN requirements (8.IG.04/3a) (action BV)

The Safety Committee had invited the Classification Societies to complete their work as soon as possible. At the latest on Dec, 31, 2015 all the Classification Societies would have sent their work to the Chairman. **Bureau Veritas** will prepare a consolidation of all the data and will add some explanations; once agreed by the CS, the relevant document will be sent to the Safety Committee for the 28th Session.

### (2) List of interpretation (8.IG.04 / 3b) (9.IG.02) (action LR)

The Safety Committee had invited the Classification Societies to complete their work as soon as possible. **Lloyd's Register** will prepare the document by mid-november.

### (3) Safe haven – participation to working group (8.IG.04 / 3d) (INF11-Aug2015) (10.IG.03)

Bureau Veritas had prepared a document with answers to several non-technical questions submitted by the IWG "Safe Haven". This document has not been discussed during this 10<sup>th</sup> Meeting because the Informal Group of the Recommended Classification Societies have been informed that some National Delegations will ask to the Safety Committee to cancel the provisions related to Safe Haven.

The Informal Group of the Recommended Classification Societies confirms their position about the Safe Haven: the Classification Societies don't support the concept of safe haven as means of evacuation, and particularly in case of fire. In the same way, they support the cancellation of the Safe Haven concept from the ADN requirements.

### (4) Certification in accordance with EN ISO/IEC 17020:2012 (INF07 & 21-Aug2015) (action RS)

The **Russian Maritime Register of Shipping** will prepare a document summarizing a common interpretation of the Informal Group of the Recommended Classification Societies.

Each members of the Informal Group will submit directly to the Safety Committee the answers/documents as required during the 27th Session of the Committee (see ADNSafety Committee-Report ECE/TRANS/WP.15/AC.2/56 dd Sept 16, 2015 – items 35 and 36).

### (5) Stability software - INF 30 harmonization for all SC (in particular § 37) (INF18 & 18r1-Aug2015) (action Chairman)

The **Chairman** will inform the UNECE Secretariat about need to improve the "Interpretation" published on the website, by means of a consolidated version (consolidation of the documents INF-30, INF-18 and INF18-r).

### (6) Intact stability for tankers with side compartments as ballast (cargo tank < 0,7 B) (9IG09) (ECE-TRANS-WP15-AC2-2015-23) (10.IG.06)

The Informal Group of the Recommended Classification Societies withdraws the request of amendment.

A WG of specialists inside the Informal Group would be created in view to submit a revision of all the stability prescriptions.

(7) **Criteria for Intermediate stage of flooding (9IG10) (ECE-TRANS-WP15-AC2-2015-24) (10.IG.07) (action BV)**

**Bureau Veritas** will prepare a revised document in view to reintroduce the former wording dated 2011.

(8) **Compressed air installation on deck (9.IG.11) (ECE-TRANS-WP15-AC2-2015-25) (action BV)**

The document 9IG11 proposed by the Recommended Classification Societies had been endorsed in principle in Aug 2015 by the Safety Committee.

**Bureau Veritas** has to send a new version of the document taking into account the remarks of the Safety Committee.

(9) **Transitional provision 1.6.7.5 (9IG12) (ECE-TRANS-WP15-AC2-2015-26)**

During the last session of the ADN Safety Committee, once clarified the proposal of amendment has been withdrawn by the representative of the Informal Group of the Recommended Classification Societies.

(10) **Equipment of vessels carried products for which explosion protection is not required (9.IG.13) (ECE-TRANS-WP15-AC2-2015-33)**

The subject and the proposition is also included in the document 2015/33; this topic will be examined by the Working Group “Explosion Protection on tank vessels”.

(11) **Cofferdam on board of tanker Type G (9IG17) (ECE-TRANS-WP15-AC2-2015-27)**

Taking into account the difficulties to establish the equivalence and that this situation would concern very few vessels, the Informal Group of the Recommended Classification Societies will not submit an amendment; the Informal Group notes the interpretation of the Safety Committee.

Based on the interpretation of the safety committee, taking into account the necessity and the difficulties to establish the equivalence for very few concerned vessels, the informal group of the recommended classification societies will not investigate this matter.

(12) **New Explosion Safety Measures (INF08-Aug2015) (10.IG.12)**

If they have questions / remarks about this INF-08, the Members of the Informal Group of the Recommended Classification Societies could contact their colleagues from DNV-GL and/or LR who attend the works of the “explosion safety measures working group”.

(13) *Cancelled*

(14) **Construction Materials (ECE-TRANS-WP15-AC2-2015-19) (10.IG.14)**

**Bureau Veritas** has submitted a table to summarize the amended prescriptions, with comparison with the prescriptions of ADN2015.

The wording “plastic materials” is too much general. The physical and chemical properties could be much different.

Some “plastics” could be not appropriate to dangerous environment:

- Plastic with electrostatic characteristics / Conductivity of Plastics
- Plastic with bad fire reaction

The compatibility of plastics with product could be also different from one plastic to another.

Some other remarks:

- “engine parts” : all the parts ? or only the engine cover ? it must be more precise.
- “parts of the electrical installations” : it must be more precise.

For a better understanding it would be easier to present the prescriptions in the form of a table (before and after the amendment).

**(15) Substance list (ECE/TRANS/WP.15/AC.2/54 – item 45)**

The Informal Group of the Recommended Classification Societies has decided to withdraw their proposal for amendment; they will not prepare an official proposal .

The Informal Group agreed with issuance of a new Substance List every second year.

**(16) List of attestations of loading calculator on board (10.IG.16) (action all)**

During the 28<sup>th</sup> Session of the Committee, each Recommended Classification Societies could inform the Safety Committee about its own list of approved calculators.

**3. Technical issues:**

**(17) UN 1280 Propylene Oxide (8.IG.04/4a) (action BV)**

All the comments about the document have been sent to Bureau Veritas; **Bureau Veritas** will prepare a final document; this final document has to be approved by the other Classification Societies before sending it to the Safety Committee.

**(18) Pressure drop calculation (8.IG.04/4c)**

The subject has been forwarded to the next meeting of the Informal Group of the Recommended Classification Societies.

**(19) Type approved Flame Arrester Plate Stack (9.IG.15) (action BV)**

**Bureau Veritas** will prepare a proposition of amendment.

This proposition must be approved by the other Classification Societies before sending it to the Safety Committee.

**(20) Shower and eye/face bath (10.IG.20)**

In 7.2.4.60 and 9.3.x.60 a shower and an eye and face bath are required; they have to be kept ready in all weather conditions and directly accessible from the cargo area.

The Informal Group of the Recommended Classification Societies agrees that:

- (a) The water used has to be potable.
- (b) A connection of this special equipment with the area outside the cargo zone is accepted.
- (c) The tracing is a solution to avoid freezing of the product inside the piping.

**(21) Water fire-extinguishing system and products that react with water (9.3.x.40.1) (10.IG.21)**

According to 9.3.x.40.1, it must be possible to reach any point of the deck in the cargo area simultaneously with at least two jets of water. But on the other hand, some products have either one or both the following remarks from the column 20:

**Remark 8** («Double-hull spaces, double bottoms and heating coils shall not contain any water») and

**Remark 19** («Provision shall be made to ensure that the cargo does not come into contact with water...»).

How those two requirements could be fulfilled at the same time ?

The question would be submitted to the WG «Substances» of the ADN Safety Committee.

**(22) Sliding seals (requirements and list) (action all)**

All Class Societies shall collect examples of accepted and not accepted sliding seals, of their construction and send these informations to the Chairman. A 'definition' of a sliding seal (what is exactly a sliding seal ?) would be also helpfull. **Bureau Veritas** will summarize this information in a document for discussion during our 11th Meeting of March 2016.

**(23) Certificate of Classification and Attestation**

There is some confusion in the ADN2015 text with the use of the words “Certificate of Classification” and “Attestation”.

The Informal Group of the Recommended Classification Societies does not consider this matter as a priority.

**(24) High-velocity vent valves (10.IG.24)**

In 7.2.2.22 Cargo tank openings, it is required that :

«When substances for which a type C vessel is required in column (6) of Table C of

Chapter 3.2 are carried, the high-velocity vent valves shall be set so that blowing-off does not normally occur while the vessel is under way.»

According to the Informal Group of the Recommended Classification Societies, this article is correct; the requirement is only valid for the Type C vessel within the scope of transport of toxic products which are only carried by Type C vessels ; it is not applicable to Type N closed vessel because the Type N closed does not transport toxic product.

**(25) Possibility of heating the cargo (action BV)**

This matter will be discussed during the next Meeting of the Informal Group of the Recommended Classification Societies.

**4. Any Other Business****4.1. Correction in the ADN2015 (10.IG.26) (action BV)**

There is a difference between the German version and the French and English versions (the word “Maschinenräumen” is not included in the other languages version). **Bureau Veritas** will send a request for correction to the Safety Committee.

**4.2. The deadline for submission of documents for the next (28th) session of the ADN Safety Committee is 30 October 2015.**

**4.3. Date and location of the next meeting: March, 16, 2016 in Antwerpen .**

**4.4. Czech Inspection Body (10.IG.27)**

The Administrative Committee has suggested that the Czech inspection body could be invited to participate to a future meeting of the Recommended ADN Classification Societies (see Report ECE/ADN/33 dd 15/09/2015).

The Informal Group of the Recommended Classification Societies is not in favour of inviting an Inspection Body.

**4.5. List of Products (LoP) and Group Explosion IIB (action DNV-GL)**

**DNV-GL** will prepare a proposition of amendment.

This proposition must be approved by the other Classification Societies before sending it to the Safety Committee.

## **5. End of the Meeting**

The Chairman closes the meeting at 17:00.

---