

Economic Commission for Europe**Inland Transport Committee**

English

22 August 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-ninth session**

Geneva, 22 - 26 August 2016

Item 5 of the provisional agenda

Reports of informal working groups

11th meeting of
by ADN Administrative Committee
Informal Group of Recommended Classification Societies

11 IG 99**Minutes of Meeting****Date:** March,17,2016**Place:** LEOPOLD HOTEL ANTWERP – QUINTEN MATSIJSLEI 25 – 2018 ANTWERPEN**Attendees:**

- Bureau Veritas (BV) : Robert Broere, Jean-Michel Chatelier ,Guy Jacobs
- DNV-GL : Torsten Dosdahl
- Lloyd's Register (LR) : Bas Joormann
- RINA : Paul Wylock
- Russian Maritime Register of Shipping : Sergey Legusha
- Russian River Register : Mikhail Kozin (excused)
- Shipping Register of Ukraine : Mykola Slozko
- *Observer from the ADN Safety Committee* : Benjamin Beldman (*The Netherlands*)

1. Opening:

The Chairman , Mr J.-M. Chatelier opens the meeting at 09:30.

Legend: (10.IGxx): Papers from 10th meeting

2. Items from ADN safety Committee meeting:**2.1. Definition of “barge” (ECE-TRANS-WP15-AC2-2016-20) (11.IG.01) ([action BV](#))**

During the 28th Session of the ADN Safety Committee , the Recommended ADN Classification Societies were invited to consider an appropriate definition for « barge » , taking into account the requirements applicable to barges within the framework of the Regulations annexed to ADN. (ECE/TRANS/WP.15/AC.2/58 – Item 40).

The Group has examined the definitions (barge , towed barge , pushed barge , ...) used in the ED/2006/87 and in the Resolution 61 of the UNECE. Mr Slozko has presented a proposition of definition.

Bureau Veritas will prepare a final document based on the proposition from the SRU ; once agreed by the Group this final document will be sent to the Safety Committee.

2.2. ISO 17020 (INF20-Jan2016) (11.IG.02)

The Group has examined a proposal for amendment of 1.15.3.8.

The text has to be further discussed during the next meeting of the Group.

2.3. Shower and eye/face bath (INF14-Jan2016 – item 20 ; 10.IG.20) (10.IG.20-Rev 01) (action BV)

The proposal of amendment has been adopted by the Group.

Bureau Veritas will prepare a final document and send it to the Safety Committee.

2.4. Reference to the Class Rules in the ADN (INF24-Jan2016) (action BV-other)

The Group has been invited by the Safety Committee to submit a new document identifying more specifically the parts of their rules corresponding with the requirements under the Regulations annexed to ADN and explaining any gaps (negative replies or blanks in the columns).

The concerned Recommended ADN Classification Societies have to send their revised table at the latest on July,15th to Bureau Veritas.

Bureau Veritas will prepare a consolidation of all the data ; once agreed by the Group , the relevant document will be sent to the Safety Committee for the 29th Session.

2.5. “Equipment” in the ‘highest class’ definition (INF31-Jan2016) (11.IG.05)

We have noted during the last meeting of the ADN Safety Committee a proposal (ECE/TRANS/WP.15/AC.2/2016.21) to add in the definition of the “Highest Class” the word « equipment » in the sentence « ... mechanical and electrical installations and equipment ... ». According the proposed document, this word covers only equipment having a potential source of ignition. The word “equipment” is used many times in ADN regulations and classification rules with other meanings.

The Group considers that this modification does not clarify the definition and recommend to maintain the actual definition of the “highest class”.

A document explaining this position had been already sent by the Group to the President of the corresponding Sub-Working Group.

2.6. Class A-60 fire protection (INF26-Jan2016) (action BV)

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

2.7. Explosion Group (IIB3) (ECE-TRANS-WP15-AC2-2016-4 + INF27)

The introduction of the Explosion Group for the non-electrical equipment in the ADN has been discussed.

The Group notes that the concept of explosion group in the present ADN rules is for electrical equipment ; requirements for the non-electrical equipment do not appear clearly:

- *The definition (1.2.1.) of “Explosion group” is “a grouping of flammable gases and vapours ..., and of electrical apparatus intended to be used in a potentially explosive atmosphere (see EN IEC 60079-0:2012)”;*

- In the Certificate of Approval (8.6.1.3) the explosion group is related only to the electrical equipment (see item 9 of the Certificate);
- In 3.2.3.3 (*Flowchart, schemes and criteria for determining applicable special requirements*) and in 3.2.4.3 (Criteria for assignment of substances), the determination of explosion group (Column (16)) is related only to standard IEC 60079-20-1 (see item 4.4 of the standard).

It makes sense for the Informal Group of the Recommended Classification Societies that non-electrical devices would meet the same level as the electrical equipment.

2.8. List of Interpretation (8.IG.04/3b) (9.IG.02 Rev1) (action LR)

The document has to include the references to the documents of the ADN Safety Committee. Lloyd's Register will prepare a final document ; once agreed by the Group, the relevant document will be sent to the Safety Committee

2.9. Stability software: consolidation of the interpretation (Chairman)

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

2.10. Creation - inside the Group - of a WG of specialists in stability matters in view to make a proposal to improve / modify the prescriptions (action BV)

Each member of the Group interested to join this WG must inform the Chairman and give the name (and email address) of its representative.

2.11. Compressed air installation on deck (ECE/TRANS/WP.15/AC.2/2015/25/Rev.1)

The proposal to add paragraphs 9.3.X.25.10 was adopted by the ADN Safety Committee with the addition of the wheelhouse as a space into which gas must not escape and a consequential amendment to 9.3.X.40.1 .

Therefore the subject is closed for the Group.

2.12. Loading instructions approved by the CS (INF23-Jan2016)

The proposal under paragraph 12 was withdrawn due to the explanations given in the informal document INF.23. (from the IG Recommended Classification Societies).

Therefore the subject is closed for the Group.

3. Technical issues:

3.1. Rapid Blocking Valve : clarification to be proposed (11.IG.13) (action DNV-GL and LR)

DNV-GL and LR will send their answer to the 2 questions asked in the document.

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

The subject has been postponed to the next meeting of the Informal Group of the Recommended Classification Societies. Bureau Veritas will prepare a document and will send it in due time to the Group.

3.3. Flame arrester plate stack (10.IG.99 / 19) (9.IG.15 Rev1) (action BV)

The proposal of amendment has to be finalized by Bureau Veritas : the definitions of "flame arrester" and "sampling device" would be improved .

Once agreed by the Group, the relevant document will be sent to the Safety Committee for the 29th Session.

3.4. Sliding seals (10.IG.99 / 22) (action DNV-GL and LR)

DNV-GL and LR will send their answer to the questions asked in the document.

3.5. Possibility of heating the cargo (10.IG.99 / 25)

The subject is withdrawn.

3.6. Alternative constructions (9.3.4) (11.IG.13) (action BV)

An alternative method to the FEM method has been presented : the super-elements method.

This other method has been found interesting ; an amendment of the ADN 9.3.4.4.1.1. should be proposed .

It has been decided to create a Working Group inside our Group. Each member of the Group interested to join this WG must inform the Chairman and give the name (and email address) of its representative. Mr Joormann will contact TNO to invite them to join this WG.

The goal is to present a proposal of amendment of 9.3.4 in Aug,2017.

4. Any Other Business:

4.1. Working Group « LNG prescriptions » : the attendance of RO's would be discussed

The first meeting of this WG would be held on May, 11 and 12. Some CS are still interested to attend the meeting.

4.2. Date and location of the next meeting : Oct , 26 , 2016

4.3. List of Products and Group Explosion IIB (10.IG.99 / 4.5) (11.IG.14) (action BV and DNV-GL)

Bureau Veritas will send to DNV-GL a proposal for addition to the Certificate of Approval (the item 9 “Electrical Equipment – Explosion Group” has to be completed by “Non-Electrical Equipment – Explosion Group”).

DNV-GL will prepare a final document including its proposition and that from BV ; once agreed by the Group, the relevant document will be sent to the Safety Committee for the 29th Session.

4.4. Flame arresters on the cofferdams (German ‘Wasserschutzpolizei’) (action LR)

The Group has discussed the issue of the flame arresters on the cofferdams.

Over the last couple of weeks the German ‘Wasserschutzpolizei’ has done a huge action on tanker vessels. Most of them have got a warning on the flame arresters because it cannot be demonstrated that the flame arrester on board is in accordance with the standard EN ISO 16852:2010.

The Group has noted that there is a transitional provision for the definition of the flame arrester ; this definition includes the reference to the standard EN ISO 16852:2010 , the application of this new standard on existing vessel is postponed as indicated in the transitional provision (see 1.6.7.2.2.2) : “N.R.M. from 1 January 2001 Renewal of the certificate of approval after 31 December 2034”.

Lloyd’s Register will prepare a letter.

The Group will re-examine its document 7.IG.03 dd 06.03.2014 (“Flame arrester on venting openings of cofferdam - 9.3.2.20.4, 9.3.3.20.4”) during its next meeting.

4.5. When an amendment to the ADN has been adopted by the ADN Safety Committee and the ADN Administrative Committee, is it possible to apply immediately this amendment or is it required to wait until it is in force with the next version of the ADN? (action BV)

After discussion, the Group has decided to forward the question to the ADN Safety Committee with an example. Bureau Veritas is in charge of doing it.

4.6. The next session of the Safety Committee would be held in Geneva from 22 to 26 August 2016 (deadline for the submission of documents: 27 May 2016).

4.7. Stability and exhaust pipes

After damage the exhaust pipes could be underneath the final waterline; those pipes could be fully filled up with water ; after calculation it has been concluded that pipes with common dimensions would be strong enough to withstand the load.

4.8.

Mr. Beldman draws the attention of the Group on the adopted proposal on the survey of the vessels. It's advised to check if survey reports should be amended to be compliant with the proposal.

5. End of the Meeting:

The Chairman closes the meeting at 15:30.
