
Economic Commission for Europe**Inland Transport Committee**

16 June 2022

Working Party on the Transport of Dangerous Goods

English

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)**Fortieth session**

Geneva, 22-26 August 2022

Item 5 of the provisional agenda

Reports of informal working groups

Report of the first meeting of the informal working group on certificates and other shipboard documents in electronic form**Transmitted by the Government of the Netherlands****Related documents:**

Informal document INF.9 of the thirty-eight session
ECE/TRANS/WP.15/AC.2/78 (Paragraphs 9 and 10)
ECE TRANS/WP15/AC.2/2022/1
ECE/TRANS/WP.15/AC.2/80 (Paragraph 64)

1. The informal working group on certificates and other shipboard documents in electronic form held its first meeting on 21 and 22 June 2022 in a digital format, members of the Austrian, Belgian, Dutch, German and Luxembourg delegations, and representatives of the Central Commission for the Navigation of the Rhine (CCNR) secretariat, European Barge Union (EBU), European Skippers Organization (ESO), European Union (EU) Commission and FUELSEUROPE attended the meeting. The informal working group discussed the tasks set out for the group and the roadmap in document ECE/TRANS/WP.15/AC.2/2022/1.
2. A presentation on the work already done by the CCNR in the field of digitalization was given by Marlène Hirtz. The informal working group was determined to take the lessons learned by the CCNR into account, and decided to follow a step-by-step approach, as was also suggested in document ECE/TRANS/WP.15/AC.2/2022/1. The group decided to follow the proposed work schedule in the road map and to focus this first meeting on the task under III A; a review of the documents to be considered for dematerialization.
3. The group discussed a list of documents prepared by the CCNR secretariat. The following considerations were taken into account by the group while deciding whether a document could be considered for dematerialization:
 - (i) All certificates are excluded from the dematerialization project for the time being and must always be on board in physical form, corresponding the proposal in ECE/TRANS/WP.15/AC.2/2022/1.

- (ii) The data formats are not yet considered, some of the documents considered eligible for dematerialization could still require different data formats.
- (iii) It is expected that in the future all documents and certificates could be dematerialized, the documents currently selected for this project could be seen as a first step in the step-by-step approach.

4. On the basis of these considerations, the group decided whether each document on the list could be considered for dematerialization within the scope of this working group. The result can be seen in the Annex.

5. At least one more meeting is foreseen in which the group would like to discuss the task under III B; data formats to be considered. For now some initial thoughts were shared. The CCNR working group on Police Regulations had reached the conclusion that certain documents could be presented in PDF format (ISO 32000-1 standard), however some participants questioned whether the PDF format is the best suitable format for the documents considered within ADN for dematerialization.

6. The group also discussed the current developments of the eFTI Regulation. More clarity on the further implementation of the eFTI Regulation is expected in the spring of 2023. In the meantime this informal working group could continue its work.

Action to be taken

7. The ADN Safety Committee is requested to consider the report of the informal working group and to take action as it deems appropriate.

Annex

<i>Certificates and other documents to be reviewed for dematerialization</i>					
<i>Reference</i>	<i>Description</i>	<i>certificates</i>	<i>other documents</i>	<i>Dematerialization possible?</i>	<i>remarks</i>
ALL ADN - VESSELS					
8.1.2.1 a)	Certificate of approval	x		no	
8.1.2.1 a)	Provisional certificate of approval	x		no	
8.1.2.1 b)	Transport documents				Electronic transport document under the competency of the Joint Meeting
8.1.2.1 c)	Instructions		x	yes	
8.1.2.1 d)	ADN (latest version)				already possible
8.1.2.1 e)	Inspection certificate of the isolation resistance of the electrical installations and equipments	x		no	
8.1.2.1 f)	Certificate concerning the inspection of the fire-extinguishing hoses	x		no	
8.1.2.1 f)	Certificate concerning the inspection of the special equipment	x		no	
8.1.2.1 g)	Book with required measurement results		x	yes	
8.1.2.1 h)	Copy of the relevant text of the special authorisations		x	yes	
8.1.2.1 i)	Means of identification	x		no	
8.1.2.1 k)	Inspection certificate	x		no	
8.1.2.1 k)	Documentation of the calculated maximum load stress	x		no	

Certificates and other documents to be reviewed for dematerialization

<i>Reference</i>	<i>Description</i>	<i>certificates</i>	<i>other documents</i>	<i>Dematerialization possible?</i>	<i>remarks</i>
DRY CARGO VESSELS					
8.1.2.2 a)	Stowage plan		x	yes	
8.1.2.2 b)	ADN specialized knowledge certificate	x		no	
8.1.2.2 c)	Damage-control plan	x		no	
8.1.2.2 c)	Documents on intact stability	x		no	
8.1.2.2 c)	Certificate of the recognized classification society	x		no	
8.1.2.2 d)	Inspection certificate for fixed fire extinguishing systems	x		no	
8.1.2.2 e)	General plan indicating the fixed installations and equipment suitable for use at least in zone 1		x	yes	
8.1.2.2 f)	List of or a general plan indicating the fixed installations and equipment which are not authorized for use during loading and unloading, during a stay near to or within an onshore assigned zone		x	yes	
8.1.2.2 g)	Plan indicating the boundaries of the zones and the location of the electrical and non-electrical equipment installed in the relevant zones intended for use in explosion hazardous areas		x	yes	
8.1.2.2 h)	List of installations and equipment in case of electrical equipment for use in zone 1 in case of electrical equipment for use in zone 2 and in the case of non-electrical equipment for use in zone 1 and zone 2		x	yes	

Certificates and other documents to be reviewed for dematerialization

<i>Reference</i>	<i>Description</i>	<i>certificates</i>	<i>other documents</i>	<i>Dematerialization possible?</i>	<i>remarks</i>
TANKVESSELS					
8.1.2.3 a)	Stowage plan		x	yes	
8.1.2.3 b)	ADN specialized knowledge certificate	x		no	
8.1.2.3 c)	Damage-control plan		x	yes	
8.1.2.3 c)	Documents concerning intact stability		x	yes	
8.1.2.3 c)	Proof of the loading instrument		x	yes	
8.1.2.3 e)	Certificate of class	x		no	
8.1.2.3 f)	Certificates concerning the inspection of the gas detection systems and the oxygen measuring system	x		no	
8.1.2.3 g)	Vessel substance list		x	yes	
8.1.2.3 h)	Inspection certificate for the hose assemblies for loading and unloading	x		no	
8.1.2.3 i)	Instructions relating to the loading and unloading flows		x	yes	
8.1.2.3 j)	Inspection certificate of the cargo pump-rooms	x		no	
8.1.2.3 k)	Heating instructions		x	yes	
8.1.2.3 m)	registration document referred to in 8.1.11		x	yes	
8.1.2.3 n)	For the carriage of refrigerated substances, the instruction required		x	yes	
8.1.2.3 o)	Certificate concerning the refrigeration system	x		no	
8.1.2.3 p)	inspection certificates concerning the fixed fire extinguishing systems	x		no	
8.1.2.3 q)	Determination of the holding time and documentation on the heat transmission coefficient		x	yes	

Certificates and other documents to be reviewed for dematerialization

<i>Reference</i>	<i>Description</i>	<i>certificates</i>	<i>other documents</i>	<i>Dematerialization possible?</i>	<i>remarks</i>
8.1.2.3 r)	A list of or a general plan indicating the fixed installations and equipment suitable to be used at least in zone 1		x	yes	
8.1.2.3 s)	list of or a general plan indicating the fixed installations and equipment which are not authorized for use during loading and unloading, degassing or during a stay near to or within an onshore assigned zone		x	yes	
8.1.2.3 t)	Plan approved by a recognized classification society indicating the boundaries of the zones		x	yes	
8.1.2.3 u)	List of installations and equipment in the case of electrical equipment for use in zone 0 or zone 1 and, in the case of non-electrical equipment for use in zone 0 in the case of electrical equipment for use in zone 2 and in the case of non-electrical equipment for use in zone 1 and zone 2 Self-protection system		x	yes	
8.1.2.3 v)	list of or general plan indicating the fixed installations and equipment installed outside the explosion hazardous areas		x	yes	
8.1.2.3 w)	Certificates required under 3.2.3.1, Explanations concerning Table C, explanatory note for column (20), remark 12	x		no	
8.1.2.3 x)	Certificates required under 3.2.3.1, Explanations concerning Table C, explanatory note for column	x		no	

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<i>Reference</i>	<i>Description</i>	<i>certificates</i>	<i>other documents</i>	<i>Dematerialization possible?</i>	<i>remarks</i>
	(20), remark 33				
	ALL ADN - VESSELS				
8.6.3	ADN Checklist		x	yes	
8.6.4	Checklist degassing to reception facilities		x	yes	
