

Economic Commission for Europe

Inland Transport Committee

22 July 2021

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)

Thirty-eighth session

Geneva, 23–27 August 2021

Item 4(b) of the provisional agenda

Proposals for amendments to the Regulations annexed to ADN: other proposals

UN 1972 - Request to correct an inconsistency in Table C, Column (2)

Transmitted by FuelsEurope

Introduction

1. With the introduction of a ship type G-2-4-1;3 capable of carrying UN 1972, a discrepancy between the existing and new entry was observed in Table C, Column (2).
2. The new (2nd) entry for UN 1972 in Table C omits to refer to the term : “LIQUID”, in line with Chapter 1.2.

UN No. or substance identification No.	Name and description	Class	Classification code	Packing group	Dangers	Type of tank vessel	Cargo tank design	Cargo tank type	Cargo tank equipment	Opening pressure of the pressure relief valve/relief valve/vent valve, in kPa	Maximum degree of filling in %	Relative density at 20 °C	Type of sampling device	Pump room below deck permitted	Temperature class	Explosion group	Anti-explosion protection required	Equipment required	Number of orange/blue lights	Additional requirements/Remarks
(1)	(2)	(3a)	(3b)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)
	3.1.2	2.2	2.2	2.1.1.3	5.2.2/ 3.2.3.1	1.2.1/ 7.2.2.0.1	3.2.3.1/ 1.2.1	3.2.3.1/ 1.2.1	3.2.3.1/ 1.2.1	3.2.3.1/ 1.2.1	7.2.4.21	3.2.3.1	3.2.3.1/ 1.2.1	3.2.3.1/ 1.2.1	1.2.1	1.2.1/ 3.2.3.3	1.2.1/ 3.2.3.3	8.1.5	7.2.5	3.2.3.1
1972	METHANE, REFRIGERATED LIQUID or NATURAL GAS, REFRIGERATED LIQUID, with high methane content	2	3F		2.1	G	1	1	1		95		1	no	T1 ^{12b}	IIA	yes	PP, EX, A	1	2; 31; 42
1972	METHANE, REFRIGERATED or NATURAL GAS, REFRIGERATED, with high methane content	2	3F		2.1	G	2	4	1; 3		95		1	no	T1 ^{12b}	IIA	yes	PP, EX, A	1	2; 31; 42

3. Chapter 1.2 – Definitions and units of measurements speaks of Liquefied Natural Gas (LNG) as “..a refrigerated liquefied gas...”.
4. With the exception of Table C, other references to this UN number in the English version of ADN (such as Column (20) remark 42, Table A as well as Table B correctly refer to METHANE, REFRIGERATED LIQUID or NATURAL GAS, REFRIGERATED LIQUID.
5. After having compared the official language versions, the English, German as well as the Russian language version would require a correction of the 2nd entry of UN 1972 in Table C.
6. The German version would further require the correction of a small typo in 3.2.3 and 3.2.4.3 – L : “Bemerkung 42”

7. The French version of ADN is not impacted. If the Russian version would need additional corrections on this UN number other than those proposed here below could however not be assessed.

Proposed corrections

(~~deletions~~ are stricken through, **additions** in bold and underlined)

8. Table C, UN 1972 second entry, in the English, German and Russian language versions:

1972	METHANE, REFRIGERATED <u>LIQUID</u> or NATURAL GAS, REFRIGERATED, <u>LIQUID</u> with high methane content	2	3F		2.1	G	2	4	1; 3		95		1	no	T1 ¹²⁾	IIA	yes	PP, EX, A	1	2; 31; 42
1972	METHAN, TIEFGEKÜHLT, <u>FLÜSSIG</u> oder ERDGAS, TIEFGEKÜHLT, <u>FLÜSSIG</u> mit hohem Methangehalt	2	3F		2.1	G	2	4	1; 3		95		1	nei n	T1 ¹²⁾	IIA	ja	PP, EX, A	1	2; 31; 42
1972	МЕТАН ОХЛАЖДЕННЫЙ <u>ЖИДКИЙ</u> или ГАЗ ПРИРОДНЫЙ ОХЛАЖДЕННЫЙ <u>ЖИДКИЙ</u> с высоким содержанием метана	2	3F		2.1	G	2	4	1; 3		95		1	нет	T1 ¹²⁾	IIA	да	PP, EX, A	1	2; 31; 42

9. Additionally, the German language version, Chapter 3.2.3 (Spalte (20) – Bestimmung der zusätzlichen Anforderungen oder Bemerkungen”) as well as Chapter 3.2.4.3 - L (Bestimmung der Eintragungen der zusätzlichen Anforderungen und Bemerkungen) both contain the same typo.

Bemerkung 42 : „ ...bei UN 1972 METHAN, TIEFGEHÜHLT TIEFGEKÜHLT, FLÜSSIG oder ERDGAS, TIEFGEKÜHLT, FLÜSSIG mit hohem Methangehalt“.

Request to the ADN Safety Committee

10. FuelsEurope invites the ADN Safety Committee to take note of the proposed corrections and when in agreement, to assess if these can be implemented effective ADN 2023.

11. If the proposed corrections under items 8 and 9 can be agreed upon, FuelsEurope furthermore asks the committee if a discussion needs to be started in WP.15, WP.15/AC.1, WP.15/AC1/HAR to harmonize the regulations.