

Economic and Social Council

Inland Transport Committee

25 January 2023

Working Party on the Transport of Dangerous Goods

Original: 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)

Forty-first session

Geneva, 23-27 January 2023

Item 5 (b) of the provisional agenda

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

Transport of Carbon Dioxide (CO₂), refrigerated, liquid.

Transmitted by European Barge Union (EBU), and European Skippers Organisation (ESO)

EBU/ESO proposes the following text to adapt the proposed amendment of remark 42, after having discussed the working document ECE/TRANS/WP.15/AC.2/2023/6 on 24 January 2023:

English:

1. When refrigerated liquefied gases are carried using a system according to 9.3.1.24.1 (b) or 9.3.1.24.1 (c), a refrigeration system is not required:

"In the case of UN 2187 "CARBON DIOXIDE, REFRIGERATED LIQUID", this provision applies when the possibility of solidification is avoided. To ensure the product remains in the liquid phase, the temperature shall be kept at 15 °C above the solidification temperature at the required pressure during the transport.

The transport document shall contain a notice regarding the avoidance of solidification of the product."

Deutsch:

1. In Unterabschnitt 3.2.3.1 am Ende der Bemerkung 42 zu Tabelle C Spalte 20 zwei zusätzliche Sätze hinzufügen:

„Für UN-Nummer 2187 „KOHLENDIOXID, TIEFGEKÜHLT, FLÜSSIG“ gilt diese Vorschrift, wenn die Möglichkeit der Erstarrung vermieden wird. Um sicherzustellen dass das Produkt in der Flüssigkeitsphase bleibt, muss die Temperatur 15° C über der Erstarrungstemperatur, unter Einhaltung des erforderlichen Drucks, während des Transports betragen.“

In 3.2.3.3/3.2.4.3:

English:

2. Remark 42: Reference shall be made in column (20) to remark 42 for UN No. 1038 ETHYLENE, REFRIGERATED LIQUID and for UN No. 1972 METHANE REFRIGERATED LIQUID or NATURAL GAS, REFRIGERATED LIQUID, with high methane content, UN 2187, CARBON DIOXIDE, REFRIGERATED LIQUID.

Deutsch:

2. Bemerkung 42: Bemerkung 42 ist in Spalte (20) einzutragen bei UN 1038 ETHYLEN, TIEFGEKÜHLT, FLÜSSIG und bei UN 1972 METHAN, TIEFGEKÜHLT, FLÜSSIG oder ERDGAS, TIEFGEKÜHLT, FLÜSSIG, mit hohem Methangehalt, UN 2187 KOHLENDIOXID, TIEFGEKÜHLT, FLÜSSIG.
