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Economic Commission for Europe**Inland Transport Committee****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)****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 Organization (ESO)*, *****Summary*

Referring documents: Informal document INF.12 of the fortieth session — Report of the Informal working group on substances, section P, paragraphs 64-66;

Working document ECE/TRANS/WP.15/AC.2/2022/15 of the thirty-ninth session, January 2022

Informal document INF.6 of the thirty-ninth session (including the table of the "triple point" of carbon dioxide), January 2022;

Informal document INF.18 of the fortieth session, August 2022.

* Distributed in German by the Central Commission for the Navigation of the Rhine under the symbol CCNR-ZKR/ADN/WP.15/AC.2/2023/6

** A/76/6 (Sect.20), para. 20.76.



Referring to the documents and discussions mentioned above and as concluded during the fortieth session of the ADN Safety Committee, EBU/ESO would like to propose the following two amendments to the ADN; amendments are indicated in **bold and underlined**:

(i) In 3.2.3.2 Table C add footnote 42 in the position of UN 2187 of column 20:

2187	CARBON DIOXIDE, REFRIGERATED LIQUID	2	3A	2.2	G	1	1	1	95	1	yes		no	PP	0	31,39, <u>42</u>
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(ii) In 3.2.3.1 add two extra sentences at the end of remark 42 of Table C, column 20:

“In the case of UN 2187 “CARBON DIOXIDE, REFRIGERATED LIQUID”, this provision applies when the possibility of solidification is avoided. Therefore, the transport temperature should stay away from the triple point of CO₂ by keeping the transport temperature above -41°C. The transport document shall contain a notice regarding the avoidance of solidification of the product.”