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)

Thirty-sixth session
Geneva, 27-31 January 2020
Item 4 (e) of the provisional agenda

Implementation of the European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways (ADN):
matters related to classification societies

About classification of zones - Zone 1

Transmitted by the Recommended ADN Classification Societies* **

Introduction

1. The wording for the definition of Zone 1 was discussed during the last meeting of the Recommended ADN Classification Societies and the group came to the conclusion that the wording is unclear for the different languages.

I. ADN Safety Committee – August 2019

2. Informal document INF.25 was submitted to the thirty-fifth session of the ADN Safety Committee as some discrepancies regarding the definition of Zone 1 in all language versions of ADN have been identified. The results of the discussion were reflected in the report of the session (see ECE/TRANS/WP.15/AC.2/72, para. 26) as follows:

"It was clarified that the intention in the original proposal was to describe the area between two concentric circles, where the inner circle was the opening and the outer circle had a radius equal to the radius of the inner circle + 2.50 m (or an outer rim with a width of 2.50 m). Regarding the height of the three-dimensional shape, it was stated that it should be 2.50 m over deck and 1.50 m over piping.

* Distributed in German by the Central Commission for the Navigation of the Rhine under the symbol CCNR/ZKR/ADN/WP.15/AC.2/2020/18.
** In accordance with the programme of work of the Inland Transport Committee for 2018–2019 (ECE/TRANS/2018/21/Add.1, cluster 9.3).
A proposal aimed at resolving these discrepancies will be drafted by the representatives of the Netherlands and the Recommended ADN Classification Societies for the next session of the Safety Committee.

II. Proposal of amendment

3. In 1.2.1, definition for “Classification of zones”, on the fifth indent of the paragraph “Zone 1 comprises” the text should be amended as follows:

“Every opening in zone 0 except the high velocity vent valves/safety valves of pressurized cargo tanks shall be surrounded by a cylindrical zone 1 having at least a width of 2.50 m, a cylindrical ring whose inner radius is that of the opening, the outer radius is equal to that of the opening plus 2.5 m and the height is 2.50 m above the deck and 1.50 m above the piping.

With openings of which the diameter is less than 0.026 m (1”), the distance to the outer cofferdam bulkhead may be reduced to 0.50 m, provided it is ensured that such an opening is not opened to the atmosphere within this distance.”