**Economic Commission for Europe**

Inland Transport Committee

**Working Party on the Transport of Dangerous Goods**

**114th session 18 September 2023**

Geneva, 6-10 November 2023

Item 5 (a) of the provisional agenda

**Proposals for amendments to annexes A and B of ADR:**

**Construction and approval of vehicles**

9.8.4 Stability of MEMUs

Transmitted by the Government of Finland

Introduction

1. In 2023 ADR, paragraph 9.7.5.1 (Stability of tank-vehicles) was amended to read as follows (added text in bold):

“9.7.5.1 The overall width of the ground­level bearing surface (distance between the outer points of contact with the ground of the right­hand tyre and the left­hand tyre of the same axle) **of the axle with greatest width** shall be at least equal to 90 % of the height of the centre of gravity of the laden tank­vehicle. In an articulated vehicle the mass on the axles of the load­carrying unit of the laden semi­trailer shall not exceed 60 % of the nominal total laden mass of the complete articulated vehicle.”

2. ADR 9.8.4 also includes requirements for stability of MEMUs:

“The overall width of the ground­level bearing surface (distance between the outer points of contact with the ground of the right­hand tyre and the left­hand tyre of the same axle) shall be at least equal to 90 % of the height of the centre of gravity of the laden vehicle. In an articulated vehicle the mass on the axles of the load-carrying unit of the laden semi-trailer shall not exceed 60 % of the nominal total laden mass of the complete articulated vehicle.”

3. However, this paragraph was not amended at the same time as the requirements for tank-vehicles. Finland considers that similar requirements should be mutually equivalent.

4. The following amendment is proposed to ensure that stability requirements are the same for tank vehicles and MEMUs:

9.8.4.1 In the first sentence, after the phrase in parentheses, insert “of the axle with greatest width”.