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## Economic Commission for Europe

### Inland Transport Committee

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

Joint Meeting of the RID Committee of Experts and the  
Working Party on the Transport of Dangerous Goods

4 March 2021

Bern, 15-19 March 2021

Item 2 of the provisional agenda

Tanks

### **Tanks: Clarification of the thickness required by partitions and surge-plates in RID/ADR 6.8.2.1.20**

**Transmitted by the Government of the United Kingdom**

*Summary*

**Executive summary:** The United Kingdom would welcome an exchange of views on the interpretation of RID/ADR 6.8.2.1.20 (b) and whether an amendment might be appropriate.

**Action to be taken:** An exchange of views on the interpretation of RID/ADR 6.8.2.1.20 (b).

1. RID/ADR 6.8.2.1.19 allows tank shells to have a reduced thickness in cases where the tank is protected against damage through lateral impact or overturning in accordance with the requirements laid down in RID/ADR 6.8.2.1.20.
  2. RID/ADR 6.8.2.1.20 (b) states that the protection against damage referred to in 6.8.2.1.19 requires the shell to be reinforced with either stiffening rings or partitions and surge-plates. ADR 6.8.2.1.20 (b) requires the thickness of partitions and surge plates to “in no case be less than that of the shell”. As drafted, ADR 6.8.2.1.20 (b) applies the minimum thickness requirements for partitions and surge plates in all cases. However, we question whether this is the intention.
  3. In cases where the protection against damage of the shell is provided by stiffening rings and the partitions and surge-plates do not contribute to other calculations relating to the design or provide protection against damage of the shell, it would seem superfluous to require partitions and surge-plates to have such a minimum thickness.
  4. The United Kingdom would appreciate the views of delegates to the Joint Meeting and the Working Group on Tanks on the requirement for partitions and surge-plates to have a thickness that is no less than that of the shell. If the consensus is that an amendment to ADR should be made for such cases, the United Kingdom will look to propose a suitable amendment for the next session of the Joint Meeting.
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