

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**

Geneva, 19–29 September 2017

Item 2 of the provisional agenda

Tanks

19 September 2017

**Cross sectional shape of shells – comments on document
TRANS/WP.15/AC.1/2017/40**

Transmitted by the Government of France

1. In document TRANS/WP.15/AC.1/2017/20 presented in March 2017, we explained why we consider that a tank with a section including a concave part doesn't comply with the requirements of 6.8.2.1.18 and why such design may create safety issues regarding for example the joints between the convex (cylindrical) part and the concave part of the body formed by fillet welds located in highly stressed zones.

2. The Working Group on Tanks recognized that different interpretations were possible and that the regulations needed modification to allow for other designs and prevent different interpretations.

3. In document TRANS/WP.15/AC.1/2017/40, the Netherlands propose to introduce a new section in 6.8.2.1.29 to deal with such shapes.

4. In our opinion the following questions still need to be raised:

- How are these designs calculated?
- Do such designs require additional type test?
- What kind of welds are used?
- What are the NDT used?
