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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**

Bern, 16–20 March 2020

Item 4 of the provisional agenda:

**Interpretation of RID/ADR/ADN****Tanks made with double walls, the space between being  
evacuated of air****Transmitted by the Government of France\*,\*\*****Introduction**

1. A tank built with double walls, the space between being evacuated of air, consists of a shell and an outer metal wall, the space between the shell and the outer wall being evacuated of air. Specifically, see 6.8.2.1.20 (b) 2 and 6.8.3.2.15.

2. Standard EN 13530, cited in 6.8.2.6.1, which applies to the design and construction of these tanks, defines the following terms:

“large transportable cryogenic vessels (tanks)

“thermally insulated vessel of more than 1 000 l intended for the transport of one or more cryogenic fluids, consisting of an inner vessel, an outer jacket, all of the valves and service equipment together with the structural equipment. This large transportable cryogenic vessel representing a complete assembly ready for putting into service.

“thermal insulation

“vacuum interspace between the inner vessel and the outer jacket. The space can or can not be filled with material to reduce the heat transfer between the inner vessel and the outer jacket.”

3. ADR 9.7.6, on rear protection of vehicles, specifies as follows:

“A bumper sufficiently resistant to rear impact shall be fitted over the full width of the tank at the rear of the vehicle. There shall be a clearance of at least 100 mm between the rear wall

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\* In accordance with the draft programme of work of the Inland Transport Committee for 2018–2019, (ECE/TRANS/WP.15/237, annex V, (9.2)).

\*\* Circulated by the Intergovernmental Organisation for International Carriage by Rail (OTIF) under the symbol OTIF/RID/RC/2020/16.



of the tank and the rear of the bumper (this clearance being measured from the rearmost point of the tank wall or from projecting fittings or accessories in contact with the substance being carried).”

4. In our view, it is clear from the definitions above that when the rear wall of the tank is mentioned, the meaning is the rear wall of the outer casing, not the rear wall of the inner shell.

## **Proposal**

5. France would like to hear the views of the Working Group on Tanks and of the Joint Meeting regarding this interpretation.

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