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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**

Berne, 20-24 March 2023

Item 2 of the provisional agenda

**Tanks****Modification of the definitions of "FRP tank" and "FRP shell" in chapter 6.9 of RID/ADR 2023****Transmitted by the Government of Poland\* \*\****Summary*

**Executive summary:** During the translation of the English version of ADR 2023 into Polish, it was found that the definition of fibre-reinforced plastics (FRP) tank so-called "FRP tank" adopted in chapter 6.9 of RID/ADR 2023 deviates from the general rule of the definition of a tank given in 1.2.1 of RID/ADR and the definition in 6.7.2.1 for portable tanks.

**Action to be taken:** Modify the definition of "FRP tank" and possibly the definition of "FRP shell" in Chapter 6.9 of RID/ADR.

**Introduction**

1. Currently, in 6.9.2.1 of RID/ADR 2023, the definition of an FRP tank is as follows:  
"FRP tank means a portable tank constructed with an FRP shell and ends (heads), service equipment, safety relief devices and other installed equipment."
2. In the opinion of Poland, there is no need to include the words "and ends (heads)" in the definition of an FRP tank.

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\* A/77/6 (Sect. 20), table 20.6.

\*\* Circulated by the Intergovernmental Organisation for International Carriage by Rail (OTIF) under the symbol OTIF/RID/RC/2022/16.

## Proposal 1

3. In 6.9.2.1 amend the definition of FRP tank to read as follows (deleted text is marked as ~~stricken through~~):

“*FRP tank* means a portable tank constructed with an FRP shell ~~and ends~~ (~~heads~~), service equipment, safety relief devices and other installed equipment.”

## Justification

4. The ends (heads) together with the cylindrical part form an FRP shell that is used for the carriage of chemical substances.

5. There is no need for an FRP tank, which generally consists of an FRP shell (which already contains ends) and service and structural equipment, to install additional ends, which in this case will not have any justification.

## Proposal 2

6. If there is a need to clearly indicate that ends (heads) are components of an FRP shell, Poland proposes to also modify in 6.9.2.1 the definition of an FRP shell as follows (new text is marked in **bold** and underlined):

“*FRP shell* means a closed part of cylindrical shape **and heads** with an interior volume intended for carriage of chemical substances.”

## Justification

7. The definition of an FRP shell presented in this way will clearly emphasize that the heads are primarily components of the shell.

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