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## Economic Commission for Europe

Inland Transport Committee

World Forum for Harmonization of Vehicle Regulations

Working Party on General Safety Provisions

122nd session

Geneva, 12–15 October 2021

Item 12 of the provisional agenda

UN Regulation No. 121 (Identification of controls, tell-tales and indicators)

### **Proposal for supplement [4] to the 01 series of amendments of UN Regulation No. 121**

**Submitted by the expert from the Netherlands on behalf of the  
GRBP Task Force Tyre Pressure Monitoring System and Tyre  
Installation (TF TPMSTI) \***

The text reproduced below was prepared by the GRBP Task Force on TPMSTI to apply the same tell-tale requirements for tyre pressure refill systems (TPRS) and central tyre inflation systems (CTIS) as already in place for tyre pressure monitoring systems (TPMS). The modifications to the current text of the UN Regulation are marked in bold for new or strikethrough for deleted characters.


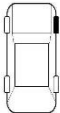
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\* In accordance with the programme of work of the Inland Transport Committee for 2021 as outlined in proposed programme budget for 2021 (A/75/6 (Sect.20), para 20.51), the World Forum will develop, harmonize and update UN Regulations in order to enhance the performance of vehicles. The present document is submitted in conformity with that mandate.



## I. Proposal

Table 1, amend to read (revised footnote <sup>16</sup>):  
 ”

No.	Column 1	Column 2	Column 3	Column 4	Column 5
	Item	Symbol <sup>2</sup>	Function	Illumination	Colour
42a.	Low tyre pressure (including malfunction)	 16	Tell-tale	Yes	Yellow
42b.	Low tyre pressure (including malfunction) that identifies affected tyre	 16, 17	Tell-tale	Yes	Yellow

...  
<sup>16</sup> Additionally, either of the low tyre pressure tell-tales may be used to indicate a tyre pressure monitoring system (TPMS), **tyre pressure refill system (TPRS) and central tyre inflation system (CTIS)** malfunction.  
 ...”

## II. Justification

With the introduction of vehicles of category M<sub>2</sub>, M<sub>3</sub>, N<sub>2</sub>, N<sub>3</sub>, O<sub>3</sub> and O<sub>4</sub> into the scope UN Regulation No. 141 through its 01 series of amendments, the tyre pressure refill system (TPRS) and the central tyre inflation system (CTIS) will be introduced in this UN Regulation. For type approval applications these systems can be seen as equivalent to tyre pressure monitoring systems (TPMS) and need to be able to use the same tell-tales and tell-tale functions.