Economic Commission for Europe
Inland Transport Committee
World Forum for Harmonization of Vehicle Regulations

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.

* 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 16):*

<table>
<thead>
<tr>
<th>No.</th>
<th>Column 1</th>
<th>Column 2</th>
<th>Column 3</th>
<th>Column 4</th>
<th>Column 5</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Item</td>
<td>Symbol 2</td>
<td>Function</td>
<td>Illumination</td>
<td>Colour</td>
</tr>
<tr>
<td>42a.</td>
<td>Low tyre pressure (including malfunction)</td>
<td><img src="image" alt="Symbol" /></td>
<td>Tell-tale</td>
<td>Yes</td>
<td>Yellow</td>
</tr>
<tr>
<td>42b.</td>
<td>Low tyre pressure (including malfunction) that identifies affected tyre</td>
<td><img src="image" alt="Symbol" /></td>
<td>Tell-tale</td>
<td>Yes</td>
<td>Yellow</td>
</tr>
</tbody>
</table>

16 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 M₂, M₃, N₂, N₃, O₃ and O₄ 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.