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Item 2.8. of the provisional agenda

PROPOSAL FOR DRAFT AMENDMENTS TO REGULATION No. 121

(Hand controls, tell-tales and indicators)

Submitted by the expert from the the International Organization of
Motor Vehicle Manufacturers (OICA)

Note: The text reproduced below was prepared by the expert from OICA in order to allow displaying controls, tell-tales and indicators in more than one colour as well as to introduce an additional symbol for low tyre pressure monitoring purposes. The text is based on informal document No. GRSG-90-19, distributed during the ninetieth GRSG session (ECE/TRANS/WP.29/GRSG/69, para. 36). The modifications to the current text of the Regulation are marked in **bold** characters.

Note: This document is distributed to the Experts on General Safety Provisions only.

A. PROPOSAL

Paragraphs 5.2.1. and 5.4.1., amended to read:

- "5.2.1. Where fitted, the controls, tell-tales and indicators, listed in **column 3** of table 1, shall be identified by symbols designated for where that symbol is suitable for the application concerned.
- 5.4.1. Light of each tell-tale listed in table 1 shall be of the colour shown in column 5 of this table. **Each symbol may be shown in other colours in order to convey different meanings according to the general colour coding as proposed in paragraph 5. of ISO 2575: 2000.**"

Table 1, Symbols, their illumination and colours, amend to read (including the insertion of the references to the new footnotes 16/ and 17/ and the new footnotes 16/ and 17/):

| No. | Column 1 ITEM | Column 2 SYMBOL <u>2/</u> | Column 3 FUNCTION | Column 4 ILLUMINATION | Column 5 COLOUR |
|--------|--|---|----------------------|--------------------------|--------------------|
| " | | | | | |
| 42a. | Low tyre pressure (including malfunction) |  <u>16/</u> | Tell-tale | Yes | Yellow |
| 42b. | Low tyre pressure (including malfunction) that identifies affected tyre |  <u>16/ 17/</u> | Tell-tale | Yes | Yellow |

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16/ Additionally, either of the low tyre pressure tell-tales may be used to indicate a tyre pressure monitoring system (TPMS) malfunction.

17/ The vehicle outline shown is not intended to be restrictive, but is the recommended outline. Alternative vehicle outlines may be used in order to better represent the actual outline of a given vehicle."

B. JUSTIFICATION

Reference to paragraph 5.2.1.

An editorial amendment correcting that controls, tell-tales and indicators are listed in column 3 of table 1 and not in column 1 where the generic functions are listed.

Reference to paragraph 5.4.1.

The current text of the paragraph may be interpreted as a mandatory requirement for a tell-tale to have the unique colour coding, as specified in column 5 of table 1, and prohibiting to use other colours to indicate different warning levels for the same item. The proposed additional sentence from the present version of standard ISO 2575:2004 aims to clarify the wording of the Regulation as well as brings forward more flexibility in vehicle design.

Reference to table 1

If a vehicle is equipped with a system that controls tyre pressure it is necessary to indicate low tyre pressure. This should be done by a yellow tell-tale.

The information the driver will get depends on the symbol that is installed. With the symbol 42a it could be only indicated that there is a problem with the tyre pressure. But the driver will not be informed which tyre has to be checked. The symbol 42b informs the driver which tyre has low pressure.

It should also be possible to use either tell-tale to indicate a TPMS malfunction. For that purpose footnote 16/ is introduced.

When using the new symbol 42b the outline of the vehicle should not be restricted to that shown. It should be possible for each manufacturer to better represent actual outline of a particular vehicle. Therefore, footnote 17/ has been proposed.
