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Economic Commission for Europe**Inland Transport Committee****World Forum for Harmonization of Vehicle Regulations****Working Party on General Safety Provisions****117th session**

Geneva, 8-11 October 2019

Item 14 of the provisional agenda

UN Regulation No. 121 (Identification of controls, tell-tales and indicators)**Proposal for Supplement 11 to the original series of amendments
and Supplement 4 to the 01 series of amendments to UN
Regulation No. 121 (Identification of controls, tell-tales and
indicators)****Submitted by the expert from the International Organization of Motor
Vehicle Manufacturers***

The text reproduced below was prepared by the expert from the International Organization of Motor Vehicle Manufacturers (OICA) to extend the quality of information possible to convey via existing tell-tales in UN Regulation No. 121. It is mainly based on informal document GRSG-110-06, presented at the 110th session of the Working Party on General Safety Provisions (GRSG), and supersedes ECE/TRANS/WP.29/GRSG/2018/06 tabled at the 114th GRSG session. The modifications to the current text of UN Regulation No. 121 are marked in bold characters.








* In accordance with the programme of work of the Inland Transport Committee for 2018–2019 (ECE/TRANS/274, para. 123 and ECE/TRANS/2018/21/Add.1, Cluster 3.1), 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 (adding the references to footnote 18):

"

| No. | Column 1 | Column 2 | Column 3 | Column 4 | Column 5 |
|-----|---|---|-----------|--------------|----------|
| | Item | Symbol ² | Function | Illumination | Colour |
| | ... | | | | |
| 7. | Front fog lamps |  1, 18 | Control | No | |
| | | | Tell-tale | Yes | Green |
| 8. | Rear fog lamp |  1, 18 | Control | No | |
| | | | Tell-tale | Yes | Yellow |
| | ... | | | | |
| 17. | Windscreen defrosting and defogging system (with separate operating control) |  18 | Control | Yes | |
| | | | Tell-tale | Yes | Yellow |
| 18. | Rear window defrosting and defogging system (with separate operating control) |  18 | Control | Yes | |
| | | | Tell-tale | Yes | Yellow |
| | ... | | | | |
| 20. | Parking lamps |  18 | Control | No | |
| | | | Tell-tale | Yes | Green |
| | ... | | | | |
| 31. | Diesel pre-heat |  18 | Tell-tale | Yes | Yellow |
| 32. | Choke (cold starting device) |  18 | Control | No | |
| | | | Tell-tale | | Yellow |
| | ... | | | | |

¹⁸ Symbol may be shown in other colours than specified in column 5 in order to convey different meanings according to the general colour coding as proposed in paragraph 5 of ISO 2575-2004.

II. Justification

1. GRSG-110-06 proposed to add Footnote 18 to Symbol 2 (Headlamp passing beam) and Symbol 19 (Position, side marker, and/or end-outline marker lamps) based on the fact that underlying UN Regulations Nos. 7, 48 and 87 required an indication of failure (red) in addition to indication of activity (green/blue). This light signalling function already existed for the Light Emitting Diode (LED) dipped beam headlamps, but the possibility to use a different colour to indicate the failure was not allowed for the related tell-tale. Based on these considerations, GRSG extended the application of Footnote 18 in table 1 (the text of the note is reproduced above without any change in the proposal, for easy reference only) allowing

for the use of different colours to convey different meanings or indication of a different state for the involved functions.

2. In the justification of that change (GRSG-110-06), it was already noted that the proposed amendments to UN Regulation No. 121 are in line with the concept of the use of different colours to indicate a change in the status of the involved function expressed in paragraph 5. of International Standard Organization (ISO) standard ISO 2575.

3. In ECE/TRANS/WP.29/GRSG/2018/06 (presented at the 114th session) OICA informed the multiplication of available functions together with the new possibilities offered by the new display technologies. The proposal aimed at simplifying the handling of colours in line with ISO 2575 with the aim of conveying appropriate information about the underlying functions to the driver for additional 20 tell-tales. There was however no consensus within the GRSG on this approach.

4. The present proposal, following bilateral exchanges with several GRSG representatives, amends the flexibility of colours (Footnote 18) for 7 tell-tales which have been identified as relevant per GRSG-110-06 (possible extension to light sources).

5. The proposed amendments do not change any of the existing technical requirements of UN Regulation No. 121. Therefore, this proposal does not contain transitional provisions.
