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Economic Commission for Europe

Inland Transport Committee

World Forum for Harmonization of Vehicle Regulations

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Item 13.2 of the provisional agenda
Consideration and vote by AC.3 of draft
global technical regulations and/or draft
amendments to established global technical regulations

Proposal for Corrigendum 2 to global technical regulation No. 2 (World-wide Motorcycle emission Test Cycle (WMTC))

Submitted by the Working Party on Pollution and Energy*

The text reproduced below was adopted by the Working Party on Pollution and Energy (GRPE) at its sixty-first session to insert a number of corrections in the current text of the global technical regulation. It is based on ECE/TRANS/WP.29/GRPE/2011/7, not amended (ECE/TRANS/WP.29/GRPE/61, para. 16). It is submitted to the World Forum for Harmonization of Vehicle Regulations (WP.29) and to the Executive Committee (AC.3) for consideration.

Paragraph 6.5.5.2.1.1., correct to read:

"6.5.5.2.1.1. Step 1 – Calculation of shift speeds

Upshift speeds ……

……

Equation 6-8:

$$v_{i \to i+1} = \left[(0.5753 \times e^{(-1.9 \times \frac{P_n}{m_k + 75})}) \times (s - n_{idle}) + n_{idle} \right] \times \frac{1}{ndv_{i-1}}, \ i = 3 \ \text{tong-1}$$

The results of shift speeds shall be mathematically rounded to the first place of the decimal point."

Paragraph 6.5.5.2.1.3., subparagraphs (b) and (c), correct to read:

"6.5.5.2.1.3. (b) No upshifts or downshifts by more than 1 gear, except from gear 2 to neutral during decelerations down to stop. Example:

4 4 4 4 3 3 3 1 1 1 1 will be replaced by 4 4 4 4 3 3 3 2 1 1 1

(c) Upshifts or downshifts for up to 4 seconds are replaced by the gear before, if the gears before and after are identical. Examples:

2 3 3 3 2 will be replaced by 2 2 2 2 2, and

4 3 3 3 3 4 will be replaced by 4 4 4 4 4 4

In the cases of consecutive circumstances, the gear used longer takes over. Example:

2 2 2 3 3 3 2 2 2 2 3 3 3 will be replaced by 2 2 2 2 2 2 2 2 2 2 3 3 3

If used for the same time, dominate a series of succeeding gears with a series of preceding gears. Example:

2 2 2 3 3 3 2 2 2 3 3 3 will be replaced 2 2 2 2 2 2 2 2 2 3 3 3"