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Item 4.6.29 of the provisional agenda

1958 Agreement:

Consideration of draft amendments to existing

UN Regulations submitted by GRE

Proposal for Supplement 7 to UN Regulation No. 86 (Installation of lighting and light-signalling devices for agricultural vehicles)

Submitted by the Working Party on Lighting and Light-Signalling*

The text reproduced below was adopted by the Working Party on Lighting and Light-Signalling (GRE) at its seventy-ninth session (ECE/TRANS/WP.29/GRE/79, para. 9). It is based on ECE/TRANS/WP.29/GRE/2018/10 and Annex III to the report. The text refers to the three new simplified UN Regulations on Light-Signalling Devices (LSD), Road Illumination Devices (RID) and Retro-Reflecting Devices (RRD) (ECE/TRANS/WP.29/2018/157, ECE/TRANS/WP.29/2018/158 and ECE/TRANS/WP.29/2018/159, respectively). It is submitted to the World Forum for Harmonization of Vehicle Regulations (WP.29) and to the Administrative Committee AC.1 for consideration at their November 2018 sessions.

* 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

Supplement 7 to the original series of amendments to UN Regulation No. 86 (Installation of lighting and light-signalling devices for agricultural vehicles)

Paragraph 2.20.1., amend to read:

"2.20.1. "Slow-Moving Vehicles (SMV) rear marking plate", a triangular plate with truncated corners with a characteristic pattern faced with retro-reflective and fluorescent material or devices (class 1); or with retro-reflective materials or devices only (class 2) (see UN Regulation No. 69 or [RRD])."

Paragraph 6.1., amend to read:

"6.1. Main-beam headlamps (UN Regulations Nos. 98, 112 and 113 or [RID])"

Paragraph 6.2., amend to read:

"6.2. Dipped-beam headlamps (UN Regulations Nos. 98, 112 and 113 or [RID])"

Paragraph 6.3., amend to read:

"6.3. Front fog lamps (UN Regulation No. 19 or [RID])"

Paragraph 6.4., amend to read:

"6.4. Reversing lamp(s) (UN Regulation No. 23 or [LSD])"

Paragraph 6.5., amend to read:

"6.5. Direction-indicator lamps (UN Regulation No. 6 or [LSD])"

Paragraph 6.7. and 6.7.1., amend to read:

"6.7. Stop lamps (UN Regulation No. 7 or [LSD])"

6.7.1. Presence: S1 or S2 of devices as described in UN Regulation No. 7 or [LSD]:
Mandatory on all vehicles.

S3 or S4 of devices as described in UN Regulation No. 7 or [LSD]: Optional
on all vehicles."

Paragraph 6.8., amend to read:

"6.8. Front position lamps (UN Regulation No. 7 or [LSD])"

Paragraph 6.9., amend to read:

"6.9. Rear position lamps (UN Regulation No. 7 or [LSD])"

Paragraph 6.10., amend to read:

"6.10. Rear fog-lamps (UN Regulation No. 38 or [LSD])"

Paragraph 6.11., amend to read:

"6.11. Parking lamps (UN Regulations Nos. 77, 7 or [LSD])"

Paragraph 6.12., amend to read:

"6.12. End-outline marker lamps (UN Regulation No. 7 or [LSD])"

Paragraph 6.14., amend to read:

"6.14. Rear retro-reflectors, non-triangular (UN Regulation No. 3 or [RRD])"

Paragraph 6.14.2., amend to read:

"6.14.2. Number: Two or four (see paragraph 6.14.5.1.)."

Paragraph 6.15., amend to read:

"6.15. Side retro-reflectors, non-triangular (UN Regulation No. 3 or [RRD])"

Paragraph 6.15.2., amend to read:

"6.15.2. Number:

Such that the requirements for longitudinal positioning are complied with. The performances of these devices shall conform to the requirements concerning Class IA or IB retro-reflectors in UN Regulation No. 3 or [RRD].

Additional retro-reflecting devices and materials (including two retro-reflectors not complying with paragraph 6.15.4. below), are permitted provided they do not impair the effectiveness of the mandatory lighting and light-signalling devices."

Paragraph 6.16., amend to read:

"6.16. Rear registration plate illuminating device (UN Regulation No. 4 or [LSD])"

Paragraph 6.17., amend to read:

"6.17. Front retro-reflectors, non-triangular (UN Regulation No. 3 or [RRD])"

Paragraph 6.18., amend to read:

"6.18. Side-marker lamps (UN Regulation No. 91 or [LSD])"

Paragraph 6.19., amend to read:

"6.19. Daytime running lamp (UN Regulation No. 87 or [LSD])"

Paragraph 6.20., amend to read:

"6.20. Cornering lamp (UN Regulation No. 119 or [RID])"

Paragraph 6.21., amend to read:

"6.21. Conspicuity markings (UN Regulation No. 104 or [RRD])"

Paragraph 6.22., amend to read:

"6.22. SMV rear marking plate (UN Regulation No. 69 or [RRD])"

6.22.1. Presence: Optional on vehicles with a maximum design speed of not more than 40 km/h. Prohibited on all other vehicles.

6.22.2. Number: According to Annex 15 of UN Regulation No. 69 or Annex 25 of UN Regulation No. [RRD].

6.22.3. Arrangement: According to Annex 15 of UN Regulation No. 69 or Annex 25 of UN Regulation No. [RRD].

6.22.4. Position

Width: According to Annex 15 of UN Regulation No. 69 or Annex 25 of UN Regulation No. [RRD].

Height: No individual specifications.

Length: According to Annex 15 of UN Regulation No. 69 or Annex 25 of UN Regulation No. [RRD].

- 6.22.5. Geometric visibility: According to Annex 15 of UN Regulation No. 69 or Annex 25 of UN Regulation No. [RRD].
- 6.22.6. Orientation: According to Annex 15 of UN Regulation No. 69 or Annex 25 of UN Regulation No. [RRD]."

Paragraph 6.24., amend to read:

"6.24. Manoeuvring lamps (UN Regulation No. 23 or [LSD])"

Paragraph 6.24.9.2., amend to read:

"6.24.9.2. The requirement of 6.24.9.1. shall be verified by a drawing or simulation or deemed be satisfied if the installation conditions comply with paragraph 6.2.2. of UN Regulation No. 23 or paragraph 5.10.2. of UN Regulation No. [LSD], as noticed in the communication document in Annex 1, paragraph 9."
