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Item 3 (a) of the provisional agenda

Convention on Road Traffic (1968)

**Consistency between the Convention on Road Traffic (1968) and
Vehicle Technical Regulations**

Revised amendments to the 1968 Convention on Road Traffic and ECE/TRANS/WP.1/2017/1/Rev.1

Submitted by the Government of Slovakia

This document, submitted by Slovakia, contains amendment proposals to the 1968 Convention on Road Traffic. As a consequence, it also provides revisions to ECE/TRANS/WP.1/2017/1/Rev.1.

I. Ad proposal for amendment of Article 32 of the Convention (Rules of the use of lamps)

1. Amend paragraph 14, the last sentence by adding the word “special” after the words “The use of” as follows:

“The use of special warning lamps displaying other colours may be authorized by domestic legislation.”

II. Ad Article 34 of the Convention (Exemptions)

2. Amend paragraphs 1 and 2 as follows:

“1 When warned of the approach of a priority vehicle by its special warning lamp(s) and additional audible warning device(s) every road-user shall leave room clear for it to pass on the carriageway and shall, if necessary, stop.

2. Domestic legislation may provide that drivers of priority vehicles shall not be bound, when warning of their movement is given by special warning lamp(s) and additional audible warning device(s), and provided that they do not endanger other road-users, to comply with all or any of the provisions of this Chapter II other than those of Article 6, paragraph 2. The drivers of such vehicles shall operate the above-mentioned devices only when the urgency of their journey so warrants.“.

III. Ad proposal for amendment of Annex 5 of the Convention (Technical conditions concerning motor vehicles and trailers)

Chapter II point 19

3. Amend paragraph (i) as follows:

“(i) “Emergency stop signal” means an automatically generated signal to indicate to other road users to the rear of the vehicle that a high retardation force has been applied to the vehicle relative to the prevailing road conditions. The emergency stop signal is given by the simultaneous operation of all the stop or direction-indicator lamps of the vehicle.”

or as an alternative

“(i) “Emergency stop signal” means an automatically generated signal provided by the simultaneous operation of all the stop or direction-indicator lamps of the vehicle to indicate to other road users to the rear of the vehicle that a high retardation force has been applied to the vehicle relative to the prevailing road conditions;

4. Amend paragraph (j) as follows:

“(j) “Rear-end collision alert signal” means an automatically generated signal given by the leading vehicle to the following vehicle. It warns that the following vehicle needs to take emergency action to avoid a collision. The rear-end collision alert signal is given by the simultaneous operation of all the direction-indicator lamps.”

or as an alternative

“(j) Rear-end collision alert signal” means an automatically generated signal given by the simultaneous operation of all the stop or direction-indicator lamps of the vehicle given by the leading vehicle to the following vehicle to show that an emergency action needs to be taken by the driver of the following vehicle/or by the following vehicle to avoid a collision.”.

5. Amend paragraph (t) by deleting words “emitting blue, red or amber light intermittently for use on vehicles and” and by replacing the words “requires other road users to take special precautions” by the words “constitutes a danger or inconvenience to other road-users” as follows:

(t) “Special warning lamp” means a lamp ~~emitting blue, red or amber light intermittently for use on vehicles and~~ intended to indicate either priority vehicles or a vehicle or a group of vehicles whose presence on the road ~~requires other road users to take special precautions~~ constitutes a danger or inconvenience to other road-users, in

particular, convoys of vehicles, vehicles of exceptional size and road construction or maintenance vehicles or equipment;

6. Amend paragraph (u) by adding words “or for the registration number provided for in Annex 2” after the words “rear registration plate” as follows:

“(u) “Rear registration plate lamp” means a device used to illuminate the space reserved for the rear registration plate or for the registration number provided for in Annex 2; such a device may consist of several optical components;”

IV. Ad proposal for amendment of Annex 5 of the Convention (Technical conditions concerning motor vehicles and trailers)

Chapter II,

7. Amend point 21.4 by adding words “beam headlamps” after the word “driving” and deleting the word “lamps” as follows:

“21.4 The outer edges of the illuminating surfaces of the driving beam headlamps ~~lamps~~ shall in no case be closer to the extreme outer edge of the vehicle than the outer edges of the illuminating surfaces of the passing beam headlamps.”.

8. Amend point 33 to read:

“33. Special warning lamp shall emit a rotating or flashing light beam. Colour of this light beam shall conform to the provisions of Article 32 paragraph 14 of this Convention.”.

9. Amend points 35 and 36 to read:

“35. Every motor vehicle may be so equipped that it can emit an emergency stop signal.

36. Every motor vehicle may be so equipped that it can emit a rear-end collision alert signal.”.

10. Amend point 41.1 by deleting words “the hazard warning signal” after the word “direction-indicator lamps” and by replacing the word “signals” by the word “signal” as follows:

41.1 No lamps, other than direction-indicator lamps, ~~the hazard warning signal~~, stop lamps when operated as emergency stop ~~signals~~ signal and special warning lamps, shall emit a flashing light beam. Side-marker lamps may flash at the same time as direction-indicator lamps.

V. Ad proposal for amendment of Annex 5 of the Convention (Technical conditions concerning motor vehicles and trailers)

Chapter IV, point 61

11. Amend point 61 paragraph (c) by replacing the words “Revolving, winking or flashing” by the words “Special warning” as follows:

“(c)~~Revolving, winking or flashing~~ Special warning lamps of priority vehicles”.

12. Amend point 61 paragraph (d)

“(d) [former (e)] By authorizing the emission of blue light towards the front and towards the rear for ~~revolving, winking or flashing~~ special warning lamps;”.

Explanatory Memorandum (Justification of the proposed amendments)

I. Ad proposal for amendment of Article 32 of the Convention (Rules of the use of lamps)

1. Amend paragraph 14, the last sentence

The proposed amendment takes into account the difference between “special warning lamps” and other lamps used to give warning, e.g. within the meaning of Article 28 or Article 32, paragraph 3 or 13.

II. Ad Article 34 of the Convention (Exemptions)

2. Amend paragraphs 1 and 2

The proposed amendment aims to bring the text of Article 34, paragraphs 1 and 2 into line with the terminology used in the Article 32, paragraph 14 and in Annex 5, Chapter III, paragraph 48.

III. Ad proposal for amendment of Annex 5 of the Convention (Technical conditions concerning motor vehicles and trailers)

Chapter II, point 19

3. Amend paragraphs (i)

4. Amend paragraphs (j)

The proposed amendments aim to add additional information on “emergency stop signal” and “rear-end collision alert signal” into definitions of signals. By taking this additional information out from paragraphs 35 and 36, the proposals reflect the philosophy applied to the definition of “hazard warning signal” in the current text of Convention and in the wording proposed by ECE/TRANS/WP.1/2017/1/Rev.1, (definition and paragraph 34).

5. Amend paragraphs (t)

The colours of light emitted by special warning lamps are laid down in Article 32, paragraph 14. The proposed amendment replaces setting out rules for other road users in respect of movement of vehicles using special warning lamps by information on possible danger as a definition of device in Annex 5 should not set out the rules for road users.

6. Amend paragraphs (u)

The proposed amendment takes possibility to paint a registration number on a vehicle into account.

VI. Ad proposal for amendment of Annex 5 of the Convention (Technical conditions concerning motor vehicles and trailers)

Chapter II,

7. Amend point 21.4

Proposed amendment to bring wording of the paragraph into line with the laid down terminology.

8. Amend point 33

Proposed amendment to bring wording of the paragraph into line with ECE Regulation No. 65, point 1.2.4.

9. Amend points 35 and 36

The amendments proposed to ensure consistent wording with paragraph 34.

10. Amend point 41.1

the “hazard warning signal” is not a lamp, it is a signal given by lamps;
need to define when stop lamps are allowed to emit interrupted light beam;
need to ensure consistency with ECE Regulation No. 65, point 1.2.4.

VII. Ad proposal for amendment of Annex 5 of the Convention (Technical conditions concerning motor vehicles and trailers)

Chapter IV, point 61

Amend point 61 paragraph (c)

Amend point 61 paragraph (d)

No need to use classification/characteristics of special warning lamps as the characteristics of the lamp is laid down in Chapter II, paragraph 41.1 and is reflecting their classification/characteristics according to ECE Regulation No. 65.
