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Economic Commission for Europe**Inland Transport Committee****World Forum for Harmonization of Vehicle Regulations****Working Party on Brakes and Running Gear****Seventy-fifth session**

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Item 3(d) of the provisional agenda

Regulations Nos. 13 and 13-H (Braking) –**Braking symbols in Regulation No. 121 (Identification of controls, tell-tales and indicators)****Proposal for amendments to Regulation No. 13 (Heavy vehicle braking)****Submitted by the expert from the United Kingdom***

The text reproduced below was prepared by the expert from the United Kingdom of Great Britain and Northern Ireland to review and simplify the transitional provisions. The modifications to the existing text of the Regulation are marked in bold for new or strikethrough for deleted characters.

* In accordance with the programme of work of the Inland Transport Committee for 2010–2014 (ECE/TRANS/208, para. 106 and ECE/TRANS/2010/8, programme activity 02.4), the World Forum will develop, harmonize and update Regulations in order to enhance the performance of vehicles. The present document is submitted in conformity with that mandate.

I. Proposal

Paragraph 12, amend to read:

- "12. Transitional Provisions
- 12.1. As from the official date of entry into force of the 11 series of amendments (11 July 2008), no Contracting Party applying this UN Regulation shall refuse to grant or refuse to accept UN type approvals under this UN Regulation as amended by the 11 series of amendments.
- 12.2. Contracting Parties applying this Regulation shall grant approvals only if the vehicle type to be approved meets the requirements of this Regulation as amended by the 11 series of amendments.
- Notwithstanding the above requirements, compliance with the requirements of Supplement 7 to the 11 series of amendments shall not be required for all new type approvals before 28 October 2014.
- 12.3. As from the application dates shown in the following table in respect of the 11 series of amendments to this Regulation, Contracting Parties applying this Regulation may refuse first national or regional registration (first entry into service) of a vehicle which does not meet the requirements of the 11 series of amendments to this Regulation.

<i>Vehicle category</i>	<i>Application date (as from the date after entry into force of the 11 series of amendments, 11 July 2008)</i>
M ₃ (Class III)	36 months (11 July 2011)
N ₃ (2 axle tractors for semi-trailers)	
O ₄	
M ₃ <16 tonnes (pneumatic transmission)	48 months (11 July 2012)
M ₃ (other than above)	
N ₃ (other than above)	
N ₃ (2 axle tractors for semi-trailers with pneumatic control transmission (ABS))	60 months (11 July 2013)
N ₃ (3 axles with electric control transmission (EBS))	
O ₃ (other than above)	
N ₂ (other than above)	72 months (11 July 2014)
N ₃ (2 and 3 axles with pneumatic control transmission (ABS))	
O ₃ (combined axle load between 3.5 - 7.5 tonnes)	
M ₂	84 months (11 July 2015)
M ₃ (Class II and B) (hydraulic transmission)	
M ₃ (Class III) (hydraulic transmission)	
N ₂ (hydraulic transmission)	
M ₃ (Class III) (pneumatic control transmission and hydraulic energy transmission)	96 months (11 July 2016)
M ₃ (Class II) (pneumatic control transmission and hydraulic energy transmission)	
N ₂ (pneumatic control transmission and hydraulic energy transmission)	

Notwithstanding the above requirements, from 24 October 2016, Contracting Parties applying this Regulation may refuse first national registration (first entry into service) of a vehicle which does not meet the requirements of Supplement 2 to the 11 series of amendments to this UN Regulation.

- 12.4. Contracting Parties applying this UN Regulation shall not refuse to grant extensions of UN type approvals for existing types which have been granted according to a preceding series of amendments to this UN Regulation.
- 12.5. Notwithstanding the transitional provisions above, Contracting Parties whose application of this Regulation comes into force after the date of entry into force of the most recent series of amendments are not obliged to accept approvals which were granted in accordance with any of the preceding series of amendments to this Regulation.
- 12.6. As from 24 months after the entry into force of the 01 series of amendments to UN Regulation No. 121, Contracting Parties applying this UN Regulation shall grant approvals to vehicle types only if the warning signal for vehicle stability function described in paragraphs 2.1.4 and 2.1.5 of Annex 21 to this Regulation satisfies the requirements of item 43 of Table 1 to UN Regulation No. 121.
- 12.7. For the purposes of type approval, Supplements to Regulation have immediate effect on their entry into force, unless delayed by a specific transitional provision. For clarity, Supplements to this Regulation entered into force on the following dates:

<i>Supplement level</i>	<i>Entry into force date</i>	<i>New type approvals</i>	<i>Existing type approvals</i>
1	22 July 2009	22 July 2009	---
2	24 October 2009	24 October 2013	24 October 2016
3	17 March 2010	17 March 2010	---
4	9 December 2010	9 December 2010	---
5	30 January 2011	30 January 2011	---
6	28 October 2011	28 October 2012	---
7	28 October 2011	28 October 2014	---
8	13 April 2012	13 April 2012	---
9	13 November 2012	13 November 2012	---
10	[TBC]		

"

Annex 21, paragraph 2.1.4., amend to read:

- "2.1.4. Interventions of the vehicle stability function shall be indicated to the driver by a flashing optical warning signal. The indication shall be present as long as the vehicle stability function is in an intervention mode. The yellow warning signal specified in paragraph 2.1.5. below ~~may~~ **shall** be used for this purpose.

Additionally, interventions ...

... driver can easily verify the satisfactory condition of the signal without leaving the driver's seat."

Annex 21, paragraph 2.1.5., amend to read:

- "2.1.5. A vehicle stability function failure or defect shall be detected and indicated to the driver by a yellow optical warning signal **using the symbols defined in Item 43 of Table 1 to UN Regulation No. 121.**

~~The warning signals specified in paragraph 5.2.1.29. of this Regulation shall not be used for this purpose.~~

The warning signal shall be constant and remain displayed as long as the failure or defect persists and the ignition (start) switch is in the "on" (run) position."

II. Justification

The Working Party on Brakes and Running Gear requested an ad hoc group form to clarify and update the existing transitional provisions of the current level of UN Regulation No. 13. The transitional provisions above reflect the view of the United Kingdom and not necessarily the view of all of the ad hoc group members.
