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INLAND TRANSPORT COMMITTEE

World Forum for Harmonization of Vehicle Regulations

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Geneva, 13 - 16 November 2007
Item 4.2.18. of the provisional agenda

1958 AGREEMENT

Consideration of draft amendments to existing Regulations

Proposal for the 04 series of amendments to Regulation No. 48
(Installation of lighting and light-signalling devices)

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 fifty-eighth session (ECE/TRANS/WP.29/GRE/58). It is based on ECE/TRANS/WP.29/2007/20/Rev.1 and aims at amending the specifications for automatic switching and the transitional provisions for the application of the new series. It is submitted to WP.29 and AC.1 for consideration.

*/ In accordance with the programme of work of the Inland Transport Committee for 2006-2010 (ECE/TRANS/166/Add.1, programme activity 02.4), the World Forum will develop, harmonize and update Regulations in order to enhance performance of vehicles with respect to lighting and light-signalling. The present document is submitted in conformity with that mandate.

Page 2, the new paragraph 6.2.7.1., amend to read (including the references to footnotes 7/ and 8/ and footnotes 7/ and 8/):

"6.2.7.1. Dipped-beam headlamps shall be switched ON and OFF automatically relative to the ambient lighting conditions (e.g. during nighttime driving conditions, tunnels, etc.). 7/ 8/ However, it shall be always possible to manually switch the dipped-beam headlamps ON and OFF under the following conditions:

7/ Provision in paragraph 6.2.7.1. shall not apply to vehicles on which daytime running lamps are not present as per footnote 10/ in paragraph 6.19. For these vehicles the dipped beam headlamps may be switched ON and OFF manually or automatically.

8/ The conditions for automatic switching will be developed by GRE within 24 months after the 04 series of amendments enters into force."

Page 2, insert new paragraphs 6.2.7.1.1. to 6.2.7.1.2., to read:

"6.2.7.1.1. When the dipped beam headlamps are manually switched ON, either of the following applies:

6.2.7.1.1.1. the dipped beam headlamps may continue to operate until the device that activates the propulsion system of the vehicle is switched OFF, at which time the automatic switching shall be restored, or

6.2.7.1.1.2. an audible warning shall be given, if the device that activates the propulsion system of the vehicle is switched OFF and the driver's door is opened while the dipped beam headlamps switch is in the ON position.

6.2.7.1.2. When the dipped beam headlamps are manually switched OFF, the dipped beam headlamps or daytime running lamps shall switch ON automatically depending on the ambient lighting conditions.

However, the dipped beam headlamps and the daytime running lamps may remain switched OFF, if the transmission control is in the park or neutral position or the parking brake is applied."

Page 3, paragraph 6.2.9., the reference to footnote 8/ and footnote 8/, renumber as footnote 9/.

Page 3, paragraphs 6.19., the reference to footnote 9/ and footnote 9/, renumber as footnote 10/ and amend to read:

"6.19. DAYTIME RUNNING LAMP (Regulation No. 87) 10/

....

10/ Contracting Parties not applying Regulation No. 87 may prohibit the presence of Daytime Running Lamp (DRL) (as specified in paragraph 5.22.) on the basis of national regulations."

Page 3, paragraph 6.21.4.2.3., the reference to footnote 10/ and footnote 10/, renumber as footnote 11/.

Page 4, paragraph 12.13., amend to read:

"12.13. As from 30 months for vehicles of categories M₁ and N₁ and 48 months for vehicles of other categories after the date of entry into force of the 04 series of amendments, Contracting Parties applying this Regulation shall grant ECE approvals only if the vehicle type to be approved meets the requirements of this Regulation as amended by the 04 series of amendments with the exception of the requirements of paragraph 6.2.7.1. Fitting automatic switching of dipped beam headlamps is optional."
