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INLAND TRANSPORT COMMITTEE

World Forum for Harmonization of Vehicle Regulations

Working Party on Lighting and Light-Signalling

Sixtieth session

Geneva, 1 - 3 October 2008

Item 11(d) of the provisional agenda

NEW AGENDA ITEMS

Regulation No. 86

(Installation of lighting and light-signalling devices for agricultural or forestry tractors)

Proposal for draft Supplement 5 to Regulation No. 86

Submitted by the expert from the Netherlands */

The text reproduced below was prepared by the expert from the Netherlands, further clarifying that installation of headlamps equipped with gas-discharge light sources or Light Emitting Diode (LED) modules on agricultural or forestry tractors is prohibited. The modifications to the current text of the Regulation (including Supplement 4 to the original version of the Regulation) are marked in bold characters.

*/ 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. The present document is submitted in conformity with that mandate.

A. PROPOSAL

Paragraph 6.1.11., amend to read:

"6.1.11. OTHER REQUIREMENTS The sum of maximum intensities of driving beams which can be switched on simultaneously shall not exceed 225,000 cd. This maximum intensity shall be obtained by adding together the individual maximum intensities measured at the time of type-approval and shown on the relevant approval reports.
Installation of driving lamps (driving beam headlamps) equipped with gas-discharge light sources or LED modules is prohibited."

Paragraph 6.2.11., amend to read:

"6.2.11. OTHER REQUIREMENTS The requirements of paragraph 5.5.2 shall not apply to the passing lamps.
Installation of passing lamps (passing beam headlamps) equipped with gas-discharge light sources or LED modules is prohibited."

B. JUSTIFICATION

Recently, Regulation No. 112 was amended to allow the type-approval of headlamps equipped with LED modules. This amendment was part of a package, including amendments to Regulation No. 48 introducing the corresponding installation requirements for LED headlamps.

And only very recently GRE decided to amend Regulation No. 113 to allow the type-approval of headlamps equipped with gas-discharge light sources. This amendment was also part of a package, including corresponding amendments to Regulation No. 53, which had the aim to allow the installation of headlamps equipped with gas-discharge light sources on motorcycles.

However, due to previous changing of the scopes of the (lighting) Regulations, by specifying vehicle categories, the scopes of Regulation Nos. 112 and 113 are now as follows:

- a) Regulation No. 112: "**This Regulation applies to headlamps for vehicles of categories L, M, N and T**".
- b) Regulation No. 113: "**This Regulation applies to headlamps for vehicles of categories L and T**".

In order to avoid the misinterpretation that headlamps equipped with LED modules or gas-discharge light sources could now also be allowed on vehicles of category T, the expert from the Netherlands is of the opinion that it needs to be further clarified that this was never the intention.

To remove all doubt, it is proposed to additionally mention in Regulation No. 86 that the installation of headlamps equipped with gas-discharge light sources or LED modules is prohibited.
