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World Forum for Harmonization of Vehicle Regulations

Working Party on Lighting and Light-Signalling

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Item 15(f) of the provisional agenda

OTHER BUSINESS

Regulation No. 50

(Position, stop, direction indicator lamps for mopeds and motorcycles)

Proposal for Supplement 13 to Regulation No. 50

Submitted by the expert from the International Motorcycle Manufacturers Association */

The text reproduced below was prepared by the expert from the International Motorcycle Manufacturers Association (IMMA) in order to support the introduction of amber colour front position lamp to Regulation No. 50. The modifications to the current text 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 3.1.2., amend to read:

"3.1.2. In the case of a front position lamp an indication whether it is intended to emit white **or amber** light."

Insert a new paragraph 7.7.3., to read:

"7.7.3. if an amber front position lamp is reciprocally incorporated with a front direction indicator lamp, the ratio between the luminous intensities actually measured for the two lamps when turned on simultaneously shall be at least 5:1 for the eleven measuring points defined in Annex 4, situated in the field delimited by straight vertical lines passing through 0 degrees V/ \pm 10 degrees H and the straight horizontal lines passing through \pm 5 degrees V/0 degrees H of the light distribution table;

If the amber front position lamp or the front direction indicator lamp or both, contain more than one light source and are considered as a single lamp, as defined in paragraph 7.5.2. above, the values to be considered are those obtained with all light sources in operation."

Paragraph 7.7.3. (former), renumber as paragraph 7.7.4.

Paragraph 9., amend to read: 1/ 2/

"9. COLOUR OF LIGHT EMITTED

Stop lamps and rear position lamps shall emit red light, front position lamps may emit white **or amber** light, direction indicators shall emit amber light....."

B. JUSTIFICATION

The expert from IMMA is submitting the present proposal in order to support the introduction of an amber position lamp (APL). This document is a consequential amendment for the same proposal. The concrete proposals are to approve the amber colour for front position lamp and introduce a requirement for an intensity ratio when the APL and front direction indicator lamp are reciprocally incorporated.
