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Economic Commission for Europe**Inland Transport Committee****World Forum for Harmonization of Vehicle Regulations****Working Party on Lighting and Light-Signalling****Seventieth session**

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Item 7 of the provisional agenda

Regulation No. 7 (Position, stop and end-outline lamps)**Proposal for Supplement 24 to the 02 Series of Regulation
No. 7****Submitted by the expert from the International Automotive Lighting
and Light Signalling Expert Group (GTB)***

The text reproduced below was prepared by the expert from the GTB to clarify the intensity ratio requirement for stop lamps reciprocally incorporated with position or rear end outline marker lamps. 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, 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 6.2.4.2., amend to read:

"6.2.4.2. If a rear position lamp is reciprocally incorporated with a stop-lamp **and/or, if the stop lamp is reciprocally incorporated with a rear end outline marker lamp** producing either steady or variable luminous intensity, the ratio between the luminous intensities actually measured of the two lamps when turned on simultaneously at the intensity of the rear position lamp when turned on alone should be at least 5: 1 in the field delimited by the straight horizontal lines passing through $\pm 5^\circ$ V and the straight vertical lines passing through $\pm 10^\circ$ H of the light distribution table.

If the rear position lamp or the stop lamp or both contain more than one light source and are considered as a single lamp, the values to be considered are those obtained with all **light** sources in operation;"

II. Justification

1. The current provisions in Regulation No.7 do not clearly indicate how the intensity ratio requirement, for stop lamps reciprocally incorporated with position or rear end outline marker lamps, needs to be applied in the case of a lamp having more than one light source.
2. This proposal, developed by the GTB Photometry Working Group, intends to clarify the requirements, including the case of where the rear end outline marker lamp (which is in principle a position lamp) is also reciprocally incorporated with a stop lamp.
