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PROPOSAL FOR DRAFT AMENDMENTS TO THE VIENNA CONVENTION ON ROAD TRAFFIC (1968)

Transmitted by the Expert from the Working Party "Brussels 1952" (GTB)

Note: The text reproduced below was prepared by the expert from GTB with the aim to align the specifications in the Vienna Convention relating to the colour "selective yellow" to those in the ECE Regulations Nos. 112 and 113. The inserted text is in **bold** characters.

Note: This document is distributed to the Experts on Lighting and Light-Signalling only.

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A. PROPOSAL

- 1. Ad Annex 5 to the Convention (Technical conditions concerning motor vehicles and trailers)

Appendix

The values for colour selective yellow shall be read as follows:

"Selective yellow	limit towards red	$y = 0.138 + 0.580 x$
	limit towards green	$y = 1.290 x - 0.100$
	limit towards white	$y = 0.940 - x$ and $y = 0.440$ "

* * *

B. JUSTIFICATION

B.1. The selective yellow light is defined in the Vienna convention as:

Selective yellow light:

limit towards red:	$y = 0.138 + 0.580 x$
limit towards green:	$y = 1.290 x - 0.100$
limit towards white:	$y = 0.966 - x$ ($y = 0.940 - x$ and $y = 0.440$ for front fog lamps)
limit towards spectral value:	$y = 0.992 - x$;

B.2. While checking all filament lamp datasheets in Regulation No. 37, GTB detected that from the introduction of the H8 type onwards the colour 'yellow' was introduced instead of 'selective yellow' as before. This change was made at the time that selective yellow was deleted from the new headlamp Regulations Nos. 112 and 113. New selective yellow filament light sources from that moment onwards made no sense any longer except for those intended for front fog lamps, for which an enlarged area of colour boundaries is allowed. So the wording 'yellow' is the wording for selective yellow with colour boundaries as specified for front fog lamps. Selective yellow is specified in Regulation No. 37. Yellow is not defined in Regulation No. 37. A correction is necessary. In addition it seems appropriate that the Vienna convention be aligned to the ECE provisions applicable for the type approval of the vehicles and their lighting devices.
