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Working Party on Lighting and Light-Signalling

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Item 7 (b) of the provisional agenda

Device UN Regulations:

UN Regulation No. 149 (Road Illumination Devices)

Proposal for a Supplement to the 01 series of amendments to UN Regulation No. 149

**Submitted by the experts from the International Automotive Lighting
and Light-Signalling Expert Group ***

The text reproduced below was prepared by the experts from the International Automotive Lighting and Light-Signalling Expert Group (GTB) with the aim to clarify the marking requirements for headlamp functions. The proposed modifications to the current text of the UN Regulations are marked in bold for new or strikethrough for deleted characters.

* In accordance with the programme of work of the Inland Transport Committee for 2025 as outlined in proposed programme budget for 2025 (A/79/6 (Sect. 20), table 20.6), the World Forum will develop, harmonize and update UN Regulations in order to enhance the performance of vehicles. The present document is submitted in conformity with that mandate.

I. Proposal

Paragraphs 3.3.2.4.8. and 3.3.2.4.9., amend to read:

- “3.3.2.4.8. On headlamps meeting the requirements of this Regulation in respect of the passing beam of Class C and the driving beam of Class B, "HCR" may be marked as the symbols for passing beam and driving beam. **If both passing-beam and driving-beam headlamps constitute a matched pair, then "YHCR" may be marked.**
- 3.3.2.4.9. On headlamps meeting the requirements of this Regulation in respect of both the passing beam and the driving beam and they have same Classes BS, CS or DS, the letters "CR-BS" for Class BS headlamps or "WCR-CS" for Class CS headlamps or "WCR-DS" for Class DS headlamps. **If both passing-beam and driving-beam headlamps constitute a matched pair and they have same Class BS, CS or DS, then "YCR-BS" for Class BS headlamps, "YCR-CS" for Class CS headlamps or "YCR-DS" for Class DS headlamps may be marked.**”

II. Justification

1. The marking symbol “Y” has been introduced for matched pair functions other than an adaptive front-lighting system (AFS) with the 01 series of amendments to UN Regulation No. 149. However, it is still unclear how to mark “Y” a headlamp that has both driving beam and passing beam.
2. In order to avoid confusion, it is proposed to amend the paragraphs 3.3.2.4.8. and 3.3.2.4.9. to clarify this occurrence.
