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**Economic Commission for Europe**

Inland Transport Committee

**World Forum for Harmonization of Vehicle Regulations**

**Working Party on General Safety Provisions**

**127th session**

Geneva, 15–19 April 2024

Item 5 (b) of the provisional agenda  
**Amendments to External Projections Regulations:**

**UN Regulation No. 61 (External projections of commercial vehicles)**

Proposal for Supplement 4 to the Original Version of UN Regulation No. 61 (External projections of commercial vehicles)

Submitted by the expert from the Netherlands[[1]](#footnote-2)\*

The text reproduced below was prepared by the expert from the Netherlands, to update the references to the three-dimensional H-point (3-D "H"-point) measurement and calibration procedure, which is updated and moved from the Consolidated Resolution on the Construction of Vehicles (R.E.3) to Mutual Resolution No. 1 (M.R.1). The modifications to the current text of UN Regulation No. 61 are marked in bold for new and strikethrough for deleted characters.

**I. Proposal**

*Paragraph 1.1., footnote 1,* amend to read:

"1 As defined in the Consolidated Resolution on the Construction of Vehicles (R.E.3.), document ECE/TRANS/WP.29/78/Rev.~~4~~**7**- ~~www.unece.org/trans/main/wp29/wp29wgs/wp29gen/wp29resolutions.html~~  
[**https://unece.org/transport/vehicle-regulations/wp29/resolutions**](https://unece.org/transport/vehicle-regulations/wp29/resolutions)"

*Annex 3,* amend to read:

"Annex 3

Procedure for Determining the "H" Point and the Actual Torso Angle for Seating Positions in Motor Vehicles [[2]](#footnote-3)

**Appendix 1 - Description of the Three Dimensional "H" Point Machine (3-D H Machine)1**

**Appendix 2 - Three‑Dimensional Reference System1**

Appendix 3 - Reference Data concerning Seating Positions 1"

**II. Justification**

1. Correct the location of R.E.3 on the ECE/WP.29 website and update to the latest amendment (Revision 7) to R.E.3.

2. The specifications of the 3-D "H"-point machine have been updated and transferred from R.E.3. to M.R.1. A calibration procedure has also been added to ensure that the 3-D "H" point machine used for all testing in UN Regulations and UN Global Technical Regulations is consistent and provides consistent test results across Regulations.

1. \* In accordance with the programme of work of the Inland Transport Committee for 2024 as outlined in proposed programme budget for 2024 (A/78/6 (Sect. 20), table 20.5), 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. [↑](#footnote-ref-2)
2. **The procedure is described in Addendum 6 of Mutual Resolution No. 1 (M.R.1) (document ECE/TRANS/WP.29/1101/Amend.5);**

   **see** [**https://unece.org/transport/vehicle-regulations/wp29/resolutions**](https://unece.org/transport/vehicle-regulations/wp29/resolutions)" [↑](#footnote-ref-3)