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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 3 (a) of the provisional agenda
**Amendments to Safety Glazing Regulations:**

**UN Global Technical Regulation No. 6 (Safety glazing)**

 Proposal for Amendment 4 to UN Global Technical Regulation No. 6 (Safety glazing)

 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 Global Technical Regulation No. 6 are marked in bold for new and strikethrough for deleted characters.

 **I. Proposal**

*Paragraph 3.13.2.,* amend to read:

"3.13.2. "H" Point means the pivot centre of the torso and the thigh of the ~~3 DH~~3-D "H" machine installed in the vehicle seat. The ~~3 DH~~3-D "H" machine corresponds to that described in ~~ISO Standard 6549~~ **Addendum 6 of Mutual Resolution No. 1 (M.R.1)1**. The coordinates of the H point are determined in relation to the fiducial marks defined by the vehicle manufacturer, according to the three-dimensional system corresponding to ~~ISO Standard 4130~~ **Addendum 6 of Mutual Resolution No. 1 (M.R.1).[[2]](#footnote-3)**"

 **II. Justification**

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. **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)