



# Economic and Social Council

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## Economic Commission for Europe

Inland Transport Committee

World Forum for Harmonization of Vehicle Regulations

### **Mutual Resolution No. 1 (M.R.1) of the 1958 and the 1998 Agreements**

**Concerning the description and performance of test tools and devices necessary for the assessment of compliance of wheeled vehicles, equipment and parts according to the technical prescriptions specified in Regulations and global technical regulations\***

#### **Amendment 1**

*Note:* The text reproduced below contains an amendment concerning an Addendum 2 to M.R.1. to include specifications of the 50<sup>th</sup> percentile World Side Impact dummy (WorldSID 50<sup>th</sup> male). It complements the new Regulation No. [135] and global technical regulation No. 14 concerning the vehicle test requirements on their Pole Side Impact performance. It was adopted by the World Forum for Harmonization of Vehicle Regulations (WP.29) at its 164<sup>th</sup> session (ECE/TRANS/WP.29/1112, paras. 83 and 110). It is based on document ECE/TRANS/WP.29/2014/89.

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\* In accordance with the programme of work of the Inland Transport Committee for 2012–2016 (ECE/TRANS/224, para. 94 and ECE/TRANS/2012/12, 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.

Contents, amend to read:

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Preamble.....

I. Statement of technical rationale and justification .....

II. Mutual Resolution (M.R.1) of the 1958 and 1998 Agreements concerning the description and performance of test tools and devices necessary for the assessment of compliance of wheeled vehicles, equipment and parts according to the technical prescriptions specified in Regulations and global technical regulations.....

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Addendum 2 - Specifications for the Construction, Preparation and Certification of the World Side Impact 50<sup>th</sup> percentile adult male anthropomorphic test device (WorldSID 50<sup>th</sup> male) .....

Section II,

Paragraphs 3. and 3.1., Specific provisions, amend to read:

**"3. Specific provisions**

3.1. The table below details the individual addenda to this Mutual Resolution in which details of the design, construction, maintenance and preparation of the test devices or equipment can be found.

<i>ECE/TRANS/WP.29/1101</i>	<i>Generic name of the Test Tool</i>	<i>Regulation(s) Requiring the test Tool Device</i>	<i>Global technical regulation(s) requiring the Test Tool or Device</i>	<i>Date of adoption of the Addendum</i>
...	(Reserved)	...	...	...
- Addendum 1 to M.R.1	BioRID Dummy			
Amend.1 - Addendum 2 to M.R.1	WorldSID 50 <sup>th</sup> male Dummy	No. [135]	No. 14	12 Nov. 2014

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*Appendix*, amend to read:

**"Addendum 1 – [Reserved for Bio Rear Impact Dummy (BioRID) specifications]**

**Addendum 2 – Specifications for the Construction, Preparation and Certification of the World Side Impact 50<sup>th</sup> percentile adult male anthropomorphic test device (WorldSID 50<sup>th</sup> male)**

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**Specifications for the Construction, Preparation and Certification of the World Side Impact 50<sup>th</sup> percentile adult male anthropomorphic test device (WorldSID 50<sup>th</sup> male)**

**1. General provisions**

- 1.1. This Addendum provides the specifications for the WorldSID 50<sup>th</sup> percentile adult male anthropomorphic test device (WorldSID 50<sup>th</sup> male) to be used for testing of road vehicles for side impact occupant protection. Detailed specifications for the design, certification and assembly/disassembly of the WorldSID 50<sup>th</sup> male have been published by the International Organization for Standardization (ISO) under the reference ISO 15830:2013. It is the intention for the relevant specifications to be incorporated within this Addendum at the earliest opportunity.
- 1.2. WP.29 introduced a global technical regulation on Pole Side Impact under the 1998 Agreement and more recently a Regulation concerning the approval of vehicles with regard to their Pole Side Impact performance under the 1958 Agreement. In order to ensure consistency in the application of the test requirement within these regulations, it is imperative to include within the reference materials available to regulators, Type Approval Authorities and Technical Services, accurate information on the test devices.
- 1.3. Until such time as the relevant specifications are incorporated within this Addendum, the WorldSID 50<sup>th</sup> male to be used for regulatory testing in accordance with the above mentioned Regulations shall be assembled and certified in accordance with the requirements of ISO 15830:2013 for the dummy fitted with two half arms.
- 1.4. Details of the H-point locator assembly (H-point tool) to be used in conjunction with the WorldSID 50<sup>th</sup> male, including dimensions, are specified in ISO 15830-2:2013, drawing number W50-82500."