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Item 4.8.9. of the provisional agenda

**1958 Agreement – Consideration of draft amendments
to existing Regulations submitted by GRSP**

Proposal for Supplement 1 to the 02 series of amendments to Regulation No. 100 (Electric power trained vehicles)

Submitted by the Working Party on Passive Safety*

The text reproduced below was adopted by the Working Party on Passive Safety (GRSP) at its fifty-third session (ECE/TRANS/WP.29/GRSP/53, para. 38). It is based on ECE/TRANS/WP.29/GRSP/2013/11, not amended. It is submitted to the World Forum for Harmonization of Vehicle Regulations (WP.29) and to the Administrative Committee AC.1 for consideration.

* In accordance with the programme of work of the Inland Transport Committee for 2010–2014 (ECE/TRANS/208, para. 106 and ECE/TRANS/2010/8, 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.

List of Annexes,

Annex 6, amend to read:

"Annex 6

...

Part 2: ...

Part 3: Essential characteristics of road vehicles or systems with chassis connected to electrical circuits....."

Paragraph 2.20., amend to read:

"2.20. "High voltage bus" means the electrical circuit, including the coupling system for charging the REESS that operates on high voltage.

Where electrical circuits, that are galvanically connected to each other, are galvanically connected to the electrical chassis and the maximum voltage between any live part and the electrical chassis or any exposed conductive part is ≤ 30 V AC and ≤ 60 V DC, only the components or parts of the electric circuit that operate on high voltage are classified as a high voltage bus."

Insert a new paragraph 2.39., to read:

"2.39. "Chassis connected to the electric circuit" means AC and DC electric circuits galvanically connected to the electrical chassis."

Paragraph 5.1.3., amend to read:

"5.1.3. Isolation resistance

This paragraph shall not apply to chassis connected electrical circuits where the maximum voltage between any live part and the electrical chassis or any exposed conductive part does not exceed 30V AC (rms) or 60 V DC."

Annex 6, insert new Part 3, to read:

"Annex 6 - Part 3

Essential characteristics of road vehicles or systems with chassis connected to electrical circuits

1. General
- 1.1. Make (trade name of manufacturer):.....
- 1.2. Type:
- 1.3. Vehicle category:
- 1.4. Commercial name(s) if available:
- 1.5. Manufacturer's name and address:
- 1.6. If applicable, name and address of manufacturer's representative:
- 1.7. Drawing and/or photograph of the vehicle:
- 1.8. Approval number of the REESS:

- 2. REESS
 - 2.1. Trade name and mark of the REESS:
 - 2.2. The cell chemistry:.....
 - 2.3. Electrical specification:
 - 2.3.1. Nominal voltage (V):
 - 2.3.2. Capacity (Ah):.....
 - 2.3.3. Maximum current (A):.....
 - 2.4. Gas combination rate (in per cent):.....
 - 2.5. Description or drawing(s) or picture(s) of the installation of the RESSS in the vehicle:.....
- 3. Additional data
 - 3.1. Working voltage (V) AC circuit:
 - 3.2. Working voltage (V) DC circuit: "
