



## Economic and Social Council

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### Economic Commission for Europe

#### Inland Transport Committee

#### World Forum for Harmonization of Vehicle Regulations

#### Working Party on General Safety Provisions

#### 101<sup>st</sup> session

Geneva, 18–21 October 2011

Item 13 of the provisional agenda

#### Consolidated Resolution on the Construction of Vehicles (R.E.3)

### **Proposal for amendments to the Consolidated Resolution on the Construction of Vehicles**

#### **Submitted by the expert from the Russian Federation\***

The text reproduced below was prepared by the expert from the Russian Federation amending the definition of N<sub>1</sub> vehicles to take into account the special design of electric vehicles. It is based on informal document GRSG-100-20. The modifications to the current text of the Regulation are marked in bold for new or strikethrough for deleted characters.

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\*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.

## I. Proposal

*Paragraph 2.3.1.*, amend to read:

"2.3.1. "Category N<sub>1</sub>": Vehicles used for the carriage of goods and having a maximum mass not exceeding 3.5 tons, **not including the mass of the batteries in case of electric vehicles.**"

## II. Justification

1. Batteries in electric vehicles increase the gross vehicle mass and the category of the basic vehicle may change. For example, the additional batteries mass of a category N<sub>1</sub> vehicle may then result in a category N<sub>2</sub> vehicle and, subsequently, has to comply with Regulation Nos. 58 (Rear underrun protective devices), 73 (Lateral protection of goods vehicles,) and others.

2. The experts from the Russian Federation propose, in a similar way to category L<sub>6</sub>-L<sub>7</sub> vehicles, not include the mass of batteries in determining category N<sub>1</sub> electrical vehicle.

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