



Economic and Social Council

Distr.: General
27 April 2012

Original: English

Economic Commission for Europe

Inland Transport Committee

World Forum for Harmonization of Vehicle Regulations

Working Party on Pollution and Energy

Sixty-fourth session

Geneva, 5–8 June 2012

Item 3(d) of the provisional agenda

Light vehicles: Regulation No. 101
(CO₂ emissions/fuel consumption)

Proposal for the Supplement 1 to the 01 series of amendments to Regulation No. 101

Submitted by the experts from the International Organization of Motor Vehicle Manufacturers*

The text reproduced below was prepared by the experts from the International Organization of Motor Vehicle Manufacturers (OICA) to add transitional provisions to the 01 series of amendments to Regulation No. 101, to solve a discrepancy between the 06 series of amendments to Regulation No. 83 and the 01 series of amendments to Regulation No. 101. This document is based on Informal document GRPE-63-08, distributed at the sixty-third session of the Working Party on Pollution and Energy (GRPE) (see ECE/TRANS/WP.29/GRPE/63, para. 24). The modifications to the original English text are marked using track changes. The same modifications in the French and Russian versions are marked in bold for new or strikethrough for deleted characters.

* 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

Insert new paragraphs 13. to 13.5., to read:

"13. Transitional Provisions

- 13.1. As from 9 December 2010, no Contracting Party applying this Regulation shall refuse to grant or refuse to accept UN type approvals under this Regulation as amended by the 01 series of amendments.**
- 13.2. Contracting Parties applying this Regulation shall not refuse to grant extensions of UN type approvals for vehicle types which have been issued according to the preceding series of amendments to this Regulation.**
- 13.3. Contracting Parties applying this Regulation may continue to grant UN type approvals to those types of vehicles which comply with the requirements of this Regulation in any of its versions, provided that the vehicles are approved or are intended to be approved to any series of amendments preceding the 06 series of amendments to Regulation 83.**
- 13.4. After the entry into force of the 01 series of amendments to this Regulation, Contracting Parties applying this Regulation shall not be obliged to accept, for the purpose of national or regional type approval, a vehicle type approved to the preceding series of amendments to this Regulation, unless they accept vehicles approved to any series of amendments preceding the 06 series of amendments to Regulation 83."**

II. Justification

1. Regulation No. 101 was amended to 01 series in order to align the reference fuel specification with 06 series of amendments to Regulation No. 83. The 06 series of amendments to Regulation No. 83 includes its transitional provisions so that new approval and new extension of type approval of 05 series of amendments can be granted after the date of entry into force of 06 series of amendments. Regulation 83.06 became applicable on 9 December 2010 (type approval mandatory) but Regulation No. 83 (05 series of amendments) can still be used for export ("Contracting Parties applying this Regulation may continue to grant approvals to those vehicles which comply with previous levels of this Regulation, provided that the vehicles are intended for export to countries to apply the relating requirements in their national legislations"). However, on the other hand, with lack of transitional provisions, it is impossible to obtain new approval or new extension of type approval of the first version of Regulation No. 101 after 01 series of amendments enter into force. There is, therefore, a discrepancy between Regulation No. 83 (06 series of amendments) and Regulation No. 101 (01 series of amendments), at least for export vehicles, which needs to be solved.

2. For this reason, vehicles to be introduced in the Contracting Parties which applies 05 series of amendments to Regulation No. 83 (in which reference fuels E0 and B0 are allowed to use) must test its fuel consumption with different fuels (E5 and B5) after its first test using E0 or B0 for 05 series of amendments to Regulation No. 83. Moreover, in case of extension of the vehicles which acquired approval of 05 series of amendments to Regulation No. 83 and the first version of Regulation No. 101, retesting is also required. Since Regulation No. 101 was amended in order to align the fuel quality with Regulation No. 83 which covers transitional provisions, 01 series of amendments to Regulation No. 101 should be amended to include its transitional provisions.

3. E5 and B5 are not widely available in the Contracting Parties applying 05 series of amendments to Regulation No. 83. This situation should be reflected to the reference fuel of Regulation No. 101.
