



# 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 Lighting and Light-Signalling

#### Seventy-second session

Geneva, 14 – 17 April 2015

Item 7 (c) of the provisional agenda

#### Other Regulations - Regulation No. 10 (Electromagnetic compatibility)

## **Proposal for Supplement 1 to the 05 series of amendments to Regulation No. 10 (Electromagnetic compatibility)**

### **Submitted by the expert from the International Organization of Motor Vehicle Manufacturers (OICA)\***

The text reproduced below was prepared by the expert from OICA in order to amend the 05 series of amendments to Regulation No. 10. The modifications to the existing 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 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.

## I. Proposal

Paragraph 14., amend to read:

- "14. Names and addresses of Technical Services conducting approval tests and of Type Approval Authorities
- 14.1.** The Parties to the 1958 Agreement applying this Regulation shall communicate to the United Nations Secretariat the names and addresses of the Technical Services conducting approval tests and of the Type Approval Authorities which grant approvals and to which forms certifying approval or extension, refusal or withdrawal of approval, issued in other countries, are to be sent.
- 14.2.** **The Parties to the 1958 Agreement applying this Regulation may designate laboratories of manufacturers as approved test laboratories."**

## II. Justification

1. For many years, electromagnetic compatibility (EMC) tests for complete passenger cars and commercial vehicles were carried out by independent Technical Services in the test facilities of vehicle manufacturers.
  2. For reasons of high investment and a low number of vehicle tests, the majority of independent Technical Services do not own EMC facilities equipped for the testing of passenger car and/or commercial vehicles.
  3. Thus, Technical Services frequently performed EMC tests at vehicle manufacturer's test sites.
  4. This implied that the relevant manufacturers had the technical and administrative knowledge to guarantee compliance of technical products to the legal requirements.
  5. EMC laboratories of manufacturers are required to have an accreditation according to standard ISO17025. This standard ensures that Type Approval Authorities are capable of controlling and verifying the technical and administrative abilities. It is on this basis that test laboratories are nominated as Technical Service for EMC.
  6. The proposal follows the wording of Regulation No. 30, paragraph 12.2.
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