

## **Proposal for draft amendments to ECE Regulations Nos. 13, 13-H, 79, 89 and draft Regulation on LDWS**

### **I. Proposal**

#### *Regulation No. 13*

*Paragraph 5.5.1.4.*, amend to read:

"5.5.1.4. The effectiveness of the braking systems, including the electric control line, shall not be adversely affected by magnetic or electrical fields. This shall be demonstrated by compliance with Regulation No. 10, ~~02 series of amendments.~~"

*Annex 13, paragraph 4.4.*, amend to read:

"4.4. The operation of the anti-lock system shall not be adversely affected by magnetic or electrical fields. This shall be demonstrated by compliance with Regulation No. 10, ~~02 series of amendments.~~"

*Annex 19, Appendix 7, paragraph 3.7.*, amend to read:

"3.7. Documentation demonstrating compliance with Regulation No. 10 ~~including the 02 series of amendments.~~"

#### *Regulation No. 13-H*

*Paragraph 5.1.1.4.*, amend to read:

"5.1.1.4. The effectiveness of the braking equipment shall not be adversely affected by magnetic or electrical fields. (This shall be demonstrated by compliance with Regulation No. 10, ~~02 series of amendments.~~)"

*Annex 6, paragraph 4.3.*, amend to read:

"4.3. The operation of the anti-lock system must not be adversely affected by magnetic or electrical fields. <sup>4/</sup> (This shall be demonstrated by compliance with Regulation No. 10, ~~02 series of amendments.~~)"

#### *Regulation No. 79*

*Paragraph 5.1.5.*, amend to read:

"5.1.5. The effectiveness of the steering equipment, including the electrical control lines, shall not be adversely affected by magnetic or electric fields. Conformity with the technical requirements of Regulation No. 10; ~~to the amendment in force at the time of Type Approval~~ shall be demonstrated."

#### *Regulation No. 89*

*Paragraph 5.2.2.*, amend to read:

"5.2.2. The ASLF shall operate satisfactorily in its electromagnetic environment and conform to the technical prescriptions of Regulation No. 10 ~~to the latest level of amendments in force at the time of type approval.~~"

*Paragraph 21.2.2.*, amend to read:

"21.2.2. The speed limitation function shall operate satisfactorily in its electromagnetic environment, in accordance with prescriptions of Regulation No. 10 to the latest level of amendments in force at the time of type approval."

*Document GRRF/2010/29/Rev.1 (Draft Regulation on LDWS)*

*Paragraph 5.1.2., amend to read:*

"5.1.2. The effectiveness of the LDWS shall not be adversely affected by magnetic or electrical fields. This shall be demonstrated by compliance with the technical provisions of Regulation No. 10, ~~03 Series of Amendments.~~"

## **II. Justification**

Making a simple reference to the Regulation N° 10, with no mention of any series of amendments, permits to avoid any conflict with the series of amendment applied by the relevant Contracting Party.

The level of severity of Regulation N°10 to which the vehicle must comply should at best be regulated by this Regulation N° 10, rather than by the regulation in stake, e.g. a braking regulation. It would indeed be not logical that the "braking regulation" influences the series of amendments of Regulation N°10 to which the vehicle type must comply.

The reference to UNECE Regulation N° 10 in Regulation N° 64 already follows this principle.

Should this approach be adopted by GRRF, it is recommended to extend it to other regulations under the responsibility of other GRs.

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