

8 September 08

Detailed justification to document ECE/TRANS/WP.29/GRE/2009/8

Following text reproduced below was prepared by the expert from the Japan and complements the general justification of document ECE/TRANS/WP.29/GRE/2009/8.

DETAILED JUSTIFICATION:

Appendix 1,

Paragraph 1,

"1. CISPR 12 'Vehicles', motorboats' and spark-ignited engine-driven devices' radio disturbance characteristics — Limits and methods of measurement", **Amendment 1**, fifth edition ~~2001~~ **2005**."

Annex 7,

Paragraph 4.2., amend to read:

"4.2. Measurements can be performed with either quasi-peak or peak detectors. The limits given in paragraphs 6.2. and 6.5. of this Regulation are for quasi-peak detectors. If peak detectors are used a correction factor of 20 dB as defined in CISPR 12 (**amendment 1**, fifth edition ~~2001~~ **2005**) shall be applied."

In December 2007, ECE 10 was changed so that it refers to CISPR 12, amendment 1, fifth edition (2005) instead of CISPR 12, fifth edition. (2001) (See ECE-TRANS-WP29-1064e.doc, 44., p.12).

The change by amendment 1, fifth edition, concerning the conditions of broadband radiation tests on hybrid vehicles, makes it possible to use either simultaneous measurements or separate measurements, while the fifth edition had prescribed exclusively separate measurements.

Later, upon a re-examination in Japan for the adoption of R10, we found parts that do not refer to amendment 1, fifth edition (2005) (but refer to the fifth edition (2001)). After making sure that there is no other technical change than the above, we proposed referring to amendment 1, fifth edition. (2005).

Japan's proposal consists of unifying the instructions of reference concerned of CISPR 12 to those to amendment 1, fifth edition, thus correcting the current confusion of reference to the fifth edition and to amendment 1, fifth edition, after making sure that there is no technical change.

Annex 7,

Paragraph 3.2., amend to read:

"3.2. Alternative measuring location

As an alternative to an absorber lined shielded enclosure (ALSE) an open area test site (OATS), which complies with the requirements of ~~CISPR 16-1~~ (second

edition 2002) CISPR 16-1-4 (edition 1.1 2004) may be used (see Appendix 4 of this annex)."

Annex 8,

Paragraphs 3.2. and 3.3., amend to read:

"3.2. Alternative measuring location

As an alternative to an absorber lined shielded enclosure (ALSE) an open area test site (OATS) which complies with the requirements of ~~CISPR 16-1~~ (second edition 2002) **CISPR 16-1-4 (edition 1.1 2004)** may be used (see Appendix 4 to Annex 7).

The list of standards in Annex 1 refers to CISPR 16-1-4. Annex 7 and Annex 8 each refer only once to CISPR 16-1. In the parts that Annex 7 and Annex 8 refer to, there is no difference between CISPR 16 and CISPR 16-1-4, so we proposed amending the two instructions of reference to CISPR 16-1 to those to CISPR 16-1-4."

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