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Working Party on Brakes and Running Gear (GRRF)
(Forty-ninth session, 29 January - 2 February 2001,
agenda item 1.4.)

PROPOSAL FOR DRAFT AMENDMENTS TO REGULATION No. 13
(Braking)

Addendum 1

Transmitted by the Expert from the United Kingdom

Note: The text reproduced below was prepared by the expert from the United Kingdom in order to update his proposal. The amendments refer to document TRANS/WP.29/GRRF/2000/12.

Note: This document is distributed to the Experts on Brakes and Running Gear only.

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A. PROPOSAL

Annex 4,

Insert a new paragraph 1.2.11., to read:

"1.2.11. For a vehicle with electrically actuated service brakes powered from traction batteries (or an auxiliary battery) which receive(s) energy only from an independent external charging system, these batteries shall, during braking performance testing, be at an average of not more than 5 per cent above that state of charge at which the brake failure warning prescribed in paragraph 5.2.1.27.6. is required to be given.

If this warning is given, the batteries may receive some recharge during the tests, to keep them in the required state of charge range."

Paragraph 1.4.1.2.2., amend by the addition of a new footnote 3/, to read:

"

This requirement is deemed to be satisfied if the batteries are at one of the following state of charge 3/ conditions:

.....

3/ The state of charge of traction batteries is determined in accordance with SAE Recommended Practice J227a (Electric Vehicle Test Procedure 1976, Section 3.2.1. to 3.2.4. using instrumentation from paragraph 3.4.1.)"

Paragraph 1.5.3.1.3., correct the reference to "paragraph 1.4.3.2." to read "paragraph 1.4.2."

Annex 13,

Paragraph 5.2.5., amend by the addition of a new footnote 8/ to read:

"5.2.5. The condition $\dot{a} \geq 0.75$ shall be

.....

8/ Until a uniform "
