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Working Party on the Construction of Vehicles

Working Party on Noise (GRB)

(Thirty-first session, 16 and 17 September 1999,
agenda item 1.)

PROPOSAL FOR ADDITIONAL DRAFT AMENDMENTS
TO THE DRAFT REGULATION CONCERNING THE APPROVAL OF TYRES
WITH REGARD TO ROLLING SOUND EMISSIONS

(Document TRANS/WP.29/GRB/1999/3)

Transmitted by the Expert from the European Tyre and Rim
Technical Organization (ETRTO)

Note: The text reproduced below was prepared by the expert from ETRTO in
order to improve the wording of Annex 3 - Appendix 1 to document
TRANS/WP.29/GRB/1999/3.

Note: This document is distributed to the Experts on Noise only.

A. PROPOSAL

Annex 3, Appendix 1, amend to read:

"Annex 3 Appendix 1

TEST REPORT

The test report, issued by the Technical Service for the type of tyre, shall include the following information:

- (a) meteorological conditions, inclusive of wind speed and direction and background noise,
- (b) date and method of the compliance check to the prescriptions for the test surface, (as per annex 4),
- (c) identification data of the tyre tested (manufacturer, trade mark, trade designation, tyre Class, category of use, tyre size designation, load index and reference pressure P_r),
- (d) test rim width,
- (e) test vehicle description and wheel base,
- (f) test mass Q_t , in kg and in per cent of the reference load Q_r , on each tyre,
- (g) cold inflation pressure P_t , in bar or in kPa, for each tyre,
- (h) the complete set of valid measured noise levels L_i , the relevant test surface temperatures \bar{e}_i and vehicle speeds V_i , for each coast-by and each microphone,
- (i) the test result $L_R(\bar{e}_{ref})$ in dB(A), at the reference speed V_{ref} ,
- (j) the final result after applying paragraphs 4.4 and 4.5 of annex 3."

B. JUSTIFICATION

ETRTO believes that the text of Annex 3-Appendix 1 should be improved in order to avoid inconsistencies or redundancies and to make available for test agencies useful guidelines to be used to report test results correctly and completely.
