

GRPE/WHDC/EC 1
September 2005

Report from Meeting of the WHDC Editorial Committee
Chicago, 16 September 2005

The WHDC editorial committee met at EPA's Chicago offices. The purpose of the meeting was final review of the draft GTR (revision 1 to informal document TRANS-WP29-GRPE-50-inf04e) and discussion of the comments submitted before and at the editorial committee meeting. After the 50th GRPE, comments have been submitted by USA, Japan, Hungary, Germany and the European Commission.

The secretary informed that the deadline for submitting the official document to GRPE secretariat is 28 October 2005 due to postponement of the 51st GRPE to 17 - 20 January 2006.

Agreed:

- Reference to vehicles will be deleted from title, since GTR deals with engine testing only
- Reference to dual fuel engines will be deleted
- Definition of "rated speed" will be added
- "Test shop system" will be replaced by "test laboratory system"
- "Particulate system" will be added to figure 3
- u value for LPG will be added to table 4
- Annex I (engine description), which is blank in the current draft, will be deleted, since it is under responsibility of the Contracting Parties
- Only particulate filters of 47 and 70 mm diameter will be permitted, but decision left to discretion of Contracting Parties
- Equivalency criterion will be changed to 90%; EPA to check t-test formula
- Multiple weighing of the particulate sample filter will be permitted; Mr. Shimpi to send text to secretary
- WHSC will be run as Ramped Modal Cycle (RMC = version a in current draft)
- Calculation of emissions during regeneration will be changed to using the ki factor known from ECE R 83
- Buoyancy correction will be added for PM measurement
- NOx humidity correction factor will be changed according to EPA Part 1065
- Denormalization formula will be supported by adding diagram on determination of npref
- Diesel reference fuels of EU, USA and Japan will be listed as examples in Annex II; CNG and LPG reference fuels will not be listed due to big differences in local quality

Open Issues:

- EPA to check t-test formula in Part 1065
- EPA to submit wording on acceptance of partial flow dilution systems
- Secretary to submit wording on the use of 47 and 70 mm filters and on performance requirements for the PM balance
- EPA to submit data that demonstrate necessity of tighter weigh room requirements (± 1 K)

- Based on tests with aftertreatment systems, OICA is concerned about non-representative cooling down of the catalyst. EPA was asked to find out the reason for the 20 minutes soak time and to check into the possibility of reducing it to e.g. 5 minutes. OICA considers this to be more representative of a hot start. OICA was asked to make a counter-proposal to the definitions of soak time and hot start.
- The expression "harmonized" limit values had been copied from the WMTC GTR and is being understood as being in line with AC. 3 intentions. Commission was asked to clarify their opposition.
- Mr. Shimpi was asked to submit the following material a.s.a.p:
 - NOx humidity correction factor from Part 1065
 - Filter weighing procedure from Part 1065

Jürgen Stein, WHDC Secretary
