

UN ECE GRPE Informal WG NRMM Meeting
Minutes of the meeting at Ottawa, Canada
27th to 29th September 2006

Objective of the meeting:

Discussion of first level gtr draft and collection of all expert's comments, thus allowing the derivation of a second level draft.

Structure of meeting:

1. Presentation by the different experts in order to update on current developments
2. Presentation of proposed gtr draft followed by discussion (segment by segment)
3. Presentation of preliminary / progress report

Agenda item 1

Mr. Hummel welcomed the participants on behalf of the Chairman of the group, who could not attend the meeting, and thanked Mrs. Davidson for inviting the group in Ottawa. He welcomed Mr Muralidharan from India who participated to the NRMM WG for the first time.

Agenda item 2 and 3 and 4

Agenda (enclosure 1) of Meeting adopted.
Minutes of Genève Meeting June 2006 approved.
List of participants (enclosure 2).

Agenda item 5A

Mr. Shimpi reported about the analysis of PM measurements with Partial flow dilution sampling systems. (enclosure 3)

Agenda item 5B

Mr. Hummel informed that the discussion of the scope would be postponed until after the November 2006 AC.3 meeting.

Agenda item 6

Excerpt from April 2006 Minutes:

“The first draft sections were developed based on the agreed structure for the GTR (Sep 2005 Ann Arbor meeting). Draft documents (Chapter 7.0, 7.2, 7.3 plus initial guidelines) were sent to the experts before the meeting. ... Giorgio Cornetti presented the draft documents. The following discussion showed good approval and support of the approach taken. ... After a longer discussion the group agreed on the proposal ... to elaborate one section (chosen section 7.2 ‘measurement instruments’) step by step applying a colour scheme suggested by the WG’s secretary. ... The colours indicate text to be deleted, or text foreseen for the guidelines, or text to be added, or text left for further consideration/comment and content identified as open issue. Half a day of very productive work resulted in an agreed version for section 7.2. The experts agreed that this is the way forward to derive the GTR from the segments circulated by DG-JRC. As sections will be

elaborated by DG-JRC, they will be circulated to the experts. They will evaluate the document applying the same colour scheme. Thus the group will arrive, in reasonable time, at an accepted draft text.”

During the summer 2006 further segments of the draft gtr were distributed and commented by the experts. The draft has been composed taking items from several sources including EPA Part 1065 and WHDC gtr. These items have been used in a complementary manner. Few parts from the EU Directives 97/68/EC, 2005/78/EC, ISO 8178 and 16183, UN ECE Regulations R 96 and R 120, and US EPA part 1039 were also inserted where relevant. The items were set in the framework of the gtr structure unanimously agreed during the 2005 Ann Arbor meeting.

Before the Ottawa meeting the missing segments of the gtr were developed and distributed to the experts (19th September 2006 and a few segments at the beginning of the Ottawa meeting). The aim was to complete a first level draft for discussion at the Ottawa meeting. Evidently, the first level draft is a discussion document and it will need substantial revision.

During the day 1 segments from the chapters 4,5,6 were presented and discussed. During the day 2 segments from the chapters 7 were presented and discussed. During day 3 the parallel mass and molar based calculations for emission evaluation were presented and discussed. It had been agreed during the San Antonio meeting in January 2005 to include molar and mass based calculation in a parallel fashion in order to facilitate the readability of the gtr and to create a harmonised approach reflecting the calculation part in the legislation in US, Japan and Europe.

The discussion in Ottawa showed much greater difference in opinion than expected. During the discussion strong challenges on the method itself emerged. The meeting did not conclude the discussion of all segments.

The meeting was followed during October by discussion between different parties.¹

In order to surpass the problems encountered and to make the approach more transparent to all experts, a second level draft of parts of the chapter 7 (where comments had already been collected) will be presented at a special editorial committee meeting for further discussion. This should make the process more transparent to all experts how their comments are taken into account at the second level and how some more general criticism were considered.

It was decided to hold the next meeting of the editorial committee on the 18th and 19th of December 2006 in Frankfurt, Germany.

Other observations

The division into legal text and guidelines, as decided during the September 2005 Ann Arbor meeting, needs to be presented to the GRPE. This should clarify questions raised related to this approach.

Several experts asked the secretary to distribute the minutes of the last meetings to the participants of the Ottawa meeting. This was agreed.

Agenda item 9

R. Hummel presented the preliminary and progress report to the experts. This report will suffice some procedural requirements and inform GRPE (January 2007) and WP.29 AC.3 (probably June

¹ The section in bold has been added as information for the experts, as it refers to events after the Ottawa meeting.

2007) about the progress made in the development of a non-road gtr by the NRMM WG. The experts were asked to supply their final comments within October to allow the document to be introduced to GRPE as informal document before end November 2006.

Agenda item 10

R. Hummel and all experts thanked Environment Canada for organising the meeting in Ottawa. All experts were indeed pleased with the venue and organisation. Special thanks was expressed to Josephine Davidson for all the preparation and to Jacek Rostkowski for the very interesting lab tour of Environment Canada's facilities.