

UN ECE 47 GRPE Informal WG NRMM

Minutes of the meeting in Geneva on 12 January 2004

1. **Introduction** and welcome by Giovanni De Santi highlighting the objectives for the half day meeting.

2. The **agenda** of the meeting is attached to the minutes (Enclosure 1 and Informal document No. GRPE-47-7).

3. General information on new developments regarding **NRMM legislation** has been reported by:

3.1. Kenji Kamita for Japan (Enclosure 2): Japan is preparing its first regulation on non-road mobile machinery, only part of which up to now are classified as 'special vehicles'. Furthermore, they are collecting the typical operational modes of NRMM and they are evaluating the consistency between their records and the established transient cycle, which has been accepted in USA and EU. They expect their final conclusion within May 2004. This underlines the attention paid by the Japanese Government (MoE) to the work carried out within WG NRMM.

3.2. Karl Simon and Maureen Delaney for USA (Enclosure 3): US EPA has adopted a regulation for emission control for spark ignition engines below 37 kW. US EPA keeps contacts with all the stakeholders to finalise the regulation on non-road mobile diesel engines in view of the release of the final rule in April 2004.

3.3. Giorgio Billi for EU (Enclosure 4): The amended directive (COM2002-765final) has been approved in first reading by the European Parliament on 22 October 2003. The comparison of the approved EU emission limits with the proposed US standards shows a good alignment between the two.

4. The **activities** of the NRMM WG since the 46th GRPE meeting and the **work-program** have been reported by Rudolf Hummel (Enclosure 5). The strategy of the WG, as presented and accepted at the 46th GRPE meeting, has been refined during the September 12, 2003 meeting in Ann Arbor. Details of the work-program can be found in the Informal document No. GRPE-47-1.

5. The **base-procedure** (Enclosure 6) prepared by Matt Spears was presented by Karl Simon.

Giorgio Cornetti described the concept behind the **strategy** and the work done so far giving examples of the two parallel lines of action (Enclosure 7):

1.) Comparison of the different test procedures (Japan, USA, EU and ISO);

2.) Definition of the points where a major difference exists among the test procedures.

This **approach** has been presented to and **approved by the experts** participating to the 47 GRPE WG NRMM meeting: US EPA (Karl Simon), UK (Mike Dunne), Russia (Sergey Aleshin), South Africa (Michael Bond), CEMA (Eddie Tarling), CEFIC / AECC (Dirk Bosteels), EMA (Hans Gehrig), CECE (Bengt Johansson), EUROMOT (Juergen Stein), Japan (Kenji Kamita), Netherlands (Rob Cuelenaere), Norway (Erleno Oxseth), Belgium (Michel Campinne), Canada (Malcolm McHattie), Czech Republic (Milan Woitsch), Finland (Jumani Laurikko), India (Manohar K. Chaudhari), Germany (Winfried Matatko), Hungary (Ivan Pollak).

6. The **archive** of the documents used in the NRMM WG has been described by Rudolf Hummel. The list of documents is available for all the members of the WG.

7. Future work will deal with:

1. the systematic comparison of the test procedures 1065 and ISO standard (European and Japanese regulations derive mostly from ISO) will start on the basis of the examples shown today; the aim is to arrive at a first draft document for the April 2004 NRMM meeting.
2. the examination of the major differences among the procedures and possible ways to overcome them; a document will be presented for discussion at the April meeting.

The completeness of these documents depends strongly on the active support and the contributions by the members of the NRMM WG.

8. The next meeting of the NRMM WG is planned for the **20th April 2004** in Ispra c/o DG JRC.

ENCLOSURES LIST:

- 1: Agenda
- 2: Evolution of Japanese legislation (Kenji Kamita)
- 3: Status of the proposed NRMM legislation in USA (Maureen Delaney)
- 4: New EU non-road engines directive (Giorgio Billi)
- 5: Activities and work-program of the NRMM WG (Rudolf Hummel)
- 6: US EPA 1065 prepared by Matt Spears and presented by Karl Simon
- 7: Work strategy (Giorgio Cornetti)

(The enclosures are not part of the GRPE informal document. Please contact Rudolf Hummel, DG-JRC, European Commission, for the enclosures).