

7 February 2005

WG NRMM Informal Meeting¹, 10th of January, 2005
UNECE, 49th GRPE, Geneva
(Chairman: Giovanni De Santi. Secretary: Giorgio Billi)

1. **Introduction and Welcome** by Giovanni De Santi highlighting the objectives for the afternoon meeting. He informed the experts on the progress of the work which had been initiated according to the strategy determined for the comparison between different regulations on NRMM (as approved on 12 January 2004, Geneva). The proposed agenda of the meeting was adopted.

2. General information on new developments regarding **NRMM legislation** was reported by:

2.1. Giorgio Billi on **European Union** (Enclosure 1);

2.2. Bill Charmley on **USA**, stating the importance, in view of the technical review of 2007, of:

- reproducing the real engine operation via a cold start phase of the transient cycle;
- taking into account a constant speed variable load cycle for typical NRMM.

Shirish Shimpi for EMA (Engine Manufacturers Association) announces a meeting in San Antonio on 24-25 January 2005 at SwRI of the CRC (Coordinating Research Council of USA) E-66 project funded by EMA, US EPA, US DOE and CARB dealing, inter alia, with PM collected by different filter media.

3. Rudolf Hummel summarises the work done since June, 2004 48th GRPE meeting (Enclosure 2). He reports on the good progress made by the working group due to the very constructive 3-day meeting in Ann Arbor c/o US EPA September, 2004. Already end of January 2005 a follow-up meeting is foreseen (3-day meeting in San Antonio) in order to complete the analysis of the comparison document. This document entails an extensive comparison of US CFR Part 1065 with ISO 8178, European directive 2004/26/EC and Japanese contributions. The spring meeting will be held on 12th/13th April 2005 (in conjunction with ISO TC70/SC8) at EC DG JRC in Ispra. Rudolf Hummel emphasizes that the working group is open to all contributing experts.

4. Rudolf Hummel presents the document “**Proposal for GTR** development concerning NRMM”^{2,3}. This document is the base for the formal request by the European Commission to AC.3 for the development of a GTR on NRMM⁴. Bill Charmley asks if the emission limits will be included in the GTR. Rudolf Hummel states that an official answer on the subject is expected⁵.

5. The chairman thanks the participants for their contribution. The **next NRMM meeting** within the frame of GRPE at Geneva will be held on Wednesday 1st of June 2005 09H30 – 12H30.

ENCLOSURES LIST:

- 1: New EU non-road engines directive (Giorgio Billi)
- 2: Activities and work-program of the NRMM WG (Rudolf Hummel)
- 3: Emission limits in a GTR (Bernard Gauvin)

¹ List of participants available on request

² <http://www.unece.org/trans/doc/2005/wp29grpe/TRANS-WP29-GRPE-49-inf09e.pdf>

³ Please see docs at <http://www.unece.org/trans/main/wp29/wp29wgs/wp29gen/wp29glob.html>

⁴ At the 49th GRPE meeting, GRPE endorsed that document and agreed that it should be submitted by its sponsor (EC) to WP.29/AC.3 for consideration at their March 2005 session.

⁵ In fact a ‘thinking’ paper on this issue is distributed by Bernard Gauvin on 13 January 2005, Enclosure 3.