

PROGRESS REPORT AND FURTHER WORK TO COMPLETE THE
DRAFT GLOBAL TECHNICAL REGULATION (gtr):

UNIFORM PROVISIONS CONCERNING THE TECHNICAL REQUIREMENTS FOR
ON-BOARD DIAGNOSTIC SYSTEMS (OBD) FOR ROAD VEHICLES

Draft gtr on world-wide harmonized on-board diagnostics for heavy-duty vehicles (WWH-OBD)

Since its inception, the GRPE Working Group on WWH-OBD has discussed at length the elements of a draft proposal for a global technical regulation (gtr) covering on-board diagnostic (OBD) systems for heavy-duty compression-ignition (diesel) engines. Over the last two years, the working group has made progress in the development of a proposal for a draft gtr which the Chairman of WWH-OBD will submit to GRPE in January 2006.

However, in order to meet the late October 2005 deadline for submission of a formal document for the next GRPE, the WWH-OBD group will not be able to complete all aspects of the draft gtr. In addition, the Draft International Standard (DIS) entitled "Road vehicles - implementation of emissions-related WWH-OBD requirements - Part 1: General information and use case definition, Part 2: Common data dictionary, Part 3: Common message dictionary, Part 4: Wired connection and Part 6: Conformance test", in preparation by ISO technical committee ISO/TC22, must be incorporated by reference into the draft gtr after the compatibility of the ISO DIS with the objectives of this gtr has been confirmed (and also vice-versa). This will not be possible until mid of 2006.

Therefore, the WWH-OBD working group proposed that a formal document (draft GTR) will be submitted to GRPE in January 2006, as far as it is completed by the late October 2005 deadline and a supplementary informal document will be submitted at that GRPE to complete, as far as possible at that time, the formal document.

In that regard, the formal document will contain the elements shown in table A below as either complete sections or sections in square brackets in order to denote where the supplemental informal document to GRPE will provide additional elaboration and/or clarification.

Next steps / timing for WWH-OBD group

The WWH-OBD group has agreed, in principle, on the following timetable of actions:

- WWH-OBD draft GTR submitted to UN-ECE in Geneva by [28th] October 2005 in order to provide a formal document (draft GTR) for GRPE in January 2006;
- When available on the GRPE web-site (or if see before), interested parties are invited to send any comments to the chairman of WWH-OBD prior to GRPE in January 2006;
- WWH-OBD will continue to work on the draft GTR and prepare an informal document for GRPE in January 2006 that will supplement the formal document;
- WWH-OBD group will meet for two days [12-13th January 2006] in Geneva to complete the supplemental informal document for GRPE;
- Half-day meeting of plenary WWH-OBD at GRPE in January 2006. WWH-OBD group will recommend that the GTR is not adopted until the June 2006 session of GRPE;
- Three day meeting [in late February 2006 in Tokyo] to complete the draft GTR for GRPE in June 2006;

- Submit WWH-OBD GTR by deadline [20th March 2006] for GRPE in June 2006;
- Adopt WWH-OBD GTR at GRPE in June 2006 for transmission to WP29 in November 2006;
- Any necessary further action to reference the ISO DIS in the draft GTR will be addressed directly to WP29.

Table A - Status of draft gtr on WWH-OBD:

Module A	Technical rational, justification, economic impacts, anticipated benefits, procedural background	Module A may be improved by WWH-OBD prior to GRPE and any subsequent amendments elaborated in a supplemental informal document to GRPE in January 2006.
Module B	Generic provisions of the GTR	To link with draft ISO standard (DIS)
Module C	Scope and application	Nominally completed.
	Definitions	This section may be improved by WWH-OBD prior to GRPE and any subsequent amendments elaborated in a supplemental informal document to GRPE in January 2006.
	Malfunction classification	Nominally completed.
	OBD test-cycle thresholds	Nominally completed.
	Demonstration procedures	This section may be improved by WWH-OBD and any subsequent amendments elaborated in a supplemental informal document to GRPE in January 2006.
	Monitoring requirements	To be elaborated in a supplemental informal document submitted to GRPE in January 2006.
	Documentation requirements	To be elaborated in a supplemental informal document submitted to GRPE in January 2006.
	OBD family concept	Nominally completed.
	Disablement conditions	Nominally completed.
	Deficiencies	To be elaborated in a supplemental informal document submitted to GRPE in January 2006.
	Installation requirements	This section may be improved by WWH-OBD and any subsequent amendments elaborated in a supplemental informal document to GRPE in January 2006.
	Links with WHDC and WWH-OCE GTRs	To be elaborated in a supplemental informal document submitted to GRPE in January 2006.
