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agenda item 4.2.)

PROPOSAL FOR DRAFT SUPPLEMENT 2 TO THE 05 SERIES OF AMENDMENTS
TO REGULATION No. 83

(Emissions of M1 and N1 categories of vehicles)

Transmitted by the expert from Norway

Note: The text reproduced below was prepared by the expert from Norway in order to fully harmonize the text of Regulation No. 83 to Directive 2001/1/EC. The suggested amendments are underlined. The proposal includes the proposed amendments in document TRANS/WP.29/GRPE/2002/13 ("PROPOSAL FOR A DRAFT CORRIGENDUM TO THE SUPPLEMENT 1 OF THE 05 SERIES OF AMENDMENTS TO REGULATION No. 83").

Note: This document is distributed to the Experts on Pollution and Energy only.

A. PROPOSAL

Paragraph 11.1.5.1., amend to read:

"11.1.5.1. Vehicles of category M₁ and N₁ and equipped with positive-ignition, petrol fuelled engines shall be equipped with on-board diagnostic systems, as specified in paragraph 3.1. to annex 11 of this Regulation, on the dates shown in paragraph 11.1.2.

Vehicles of other categories shall, in place of the dates specified in paragraph 11.1.2., comply with the requirement for on-board diagnostic systems as follows:

- (a) Vehicles of category M₁ equipped with compression-ignition engines, other than vehicles designed to carry more than six occupants (including the driver) or vehicles whose maximum mass exceeds 2,500 kg, from 1 January 2003 for new types and from 1 January 2004 for all types. */
- (b) Vehicles of category M₁, (not covered by (a) above) except vehicles of category M₁ equipped with compression-ignition engines and the maximum mass of which exceeds 2,500 kg, and vehicles of category N₁ class I, equipped with compression-ignition engines, from 1 January 2005 for new types and from 1 January 2006 for all types. **/
- (c) Vehicles in category N₁, classes II and III, equipped with compression-ignition engines and vehicles of category M₁ equipped with compression-ignition engines and the maximum mass of which exceeds 2,500 kg, from 1 January 2006 for new types and from 1 January 2007 for all types. ***/
- (d) Vehicles of category M₁ except vehicles whose maximum mass exceeds 2,500 kg, and vehicles of category N₁ class I equipped with positive-ignition engines running permanently or part-time on either LPG or natural gas, from 1 January 2003 for new types and from 1 January 2004 for all types.
- (e) Vehicles of category M₁, the maximum mass of which exceeds 2,500 kg, and vehicles of category N₁ class II and III equipped with positive-ignition engines running permanently or part-time on either LPG or natural gas, from 1 January 2006 for new types and from 1 January 2007 for all types."

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*/ An on-board diagnostic system fitted to a vehicle entering service prior to 1 January 2004 and equipped with a compression-ignition engine, shall satisfy the provisions of paragraphs 6.5.3. to 6.5.3.5. of annex 11, appendix 1.

**/ An on-board diagnostic system fitted to a vehicle approved prior to 1 January 2005 and equipped with a compression-ignition engine, shall satisfy the provisions of paragraphs 6.5.3. to 6.5.3.5. of annex 11, appendix 1.

***/ An on-board diagnostic system fitted to a vehicle approved prior to 1 January 2006 and equipped with a compression-ignition engine, shall satisfy the provisions of paragraphs 6.5.3. to 6.5.3.5. of annex 11, appendix 1.

B. JUSTIFICATION

Re. para. 11.1.5.1.: Directive 2001/1/EC postponed the dates of entry into force of the OBD requirements for gas fuelled passenger (M₁) and light duty (N₁) vehicles equipped with positive-ignition engines. For full harmonization it is therefore proposed to amend the regulation according to the Directive. Because the dates of entry into force for OBD for the different vehicle classes are complicated, the following table is shown to give an overview.

Cat./cl.		Vehicle weight, kg	Directive 70/220/EEC as amended by 98/69/EC, 1999/102/EC and 2001/1/EC					
Cat.	Cl.		Petrol		Diesel		LPG and natural gas	
			New	All	New	All	New	All
M ₁	-	MM ⁽²⁾ ≤ 2500	1/1-2000	1/1-2001	1/1-2003 1/1-2005 ⁽¹⁾	1/1-2004 1/1-2006 ⁽¹⁾	1/1-2003	1/1-2004
		MM > 2500	1/1-2001	1/1-2002	1/1-2006	1/1-2007	1/1-2006	1/1-2007
N ₁	I	RW ⁽³⁾ ≤ 1305	1/1-2000	1/1-2001	1/1-2005	1/1-2006	1/1-2003	1/1-2004
	II	1305 < RW ≤ 1760	1/1-2001	1/1-2002	1/1-2006	1/1-2007	1/1-2006	1/1-2007
	III	1760 < RW	1/1-2001	1/1-2002	1/1-2006	1/1-2007	1/1-2006	1/1-2007

- ⁽¹⁾ Vehicles equipped with compression-ignition engines designed to carry more than six occupants including the driver
⁽²⁾ Maximum mass
⁽³⁾ Reference weight