Informal document No 13

(43rd GRPE, 15-18 January 2002, agenda item 4.3)

PROPOSAL OF AMENDMENTS TO DOCUMENT TRANS/WP29/GRPE/2000/12/REV 1

(Emissions of carbon dioxide and fuel consumption of M1 and N1 vehicles)

(Transmitted by the expert from France)

<u>Title</u>: amend reference to supplement 4, to 5.

Paragraph 7.1. amend the title to read :

"7.1 Vehicles powered by an internal combustion engine, except vehicles equipped with a periodically regenerating emission control system."

Paragraph 7.2. amend to read :

"7.2 Vehicles powered by an internal combustion engine, and equipped with a periodically regenerating emission control system.
The type approval can be extended to vehicles from the same type or from a different type, differing with regard to the characteristics of Annex 3 given in 7.1.1 to 7.1.5 above, but not exceeding the family characteristics of Annex 8, if the CO2 emissions measured by the technical service do not exceed by more than 4% the type approved value, and where the same Ki factor is applicable.

The type approval can be extended also to vehicles from the same type, but with a different Ki factor, if the corrected CO_2 value measured by the technical service does not exceed by more than 4% the type approved value"

<u>Annex 1</u>,

1.2.11.2.1.10.1.	amend reference to annex 13, to annex 8.
1.2.11.2.1.10.4.	amend reference to annex 13, to annex 8.
1.2.11.2.5.4.1.	amend reference to annex 13, to annex 8.
1.2.11.2.5.4.4.	amend reference to annex 13, to annex 8.

Annex 8, amend as follows :

- 2.1.1 Identical parameters are :
 - Engine (a) : number of cylinders
 - (b) : engine capacity ($\pm 15\%$)
 - (c) : number of valves
 - (d) : fuel system
 - (e) : combustion process (2 stroke, 4 stroke, rotary)
- 3.1.1 Delete brackets of (± 4 per cent)
- 3.1.2 Delete content in brackets [or on a chassis dynamometer using an equivalent test cycle].