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agenda item 2.4.)

PROPOSAL FOR DRAFT AMENDMENTS TO REGULATION No. 116

(Protection of motor vehicles against unauthorized use)

Transmitted by the expert from Germany

Note: The text reproduced below was prepared by the expert from Germany in order to establish alternative power supply systems for vehicle alarm systems (VAS) and for alarm systems (AS) in Regulation No. 116. The modifications to the existing text are marked in **bold** characters.

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Note: This document is distributed to the experts on General Safety Provisions only.

**A. PROPOSAL**

Paragraph 6.3.10., amend to read:

"6.3.10. Power supply

The source of power for the VAS may be the vehicle battery. **As an alternative, an additional rechargeable or non-rechargeable battery may be used. This shall by no means supply energy to other parts of the vehicle electrical system."**

Paragraph 7.3.10., amend to read:

"7.3.10. Power supply

The source of power for the AS may be the vehicle battery. **As an alternative, an additional rechargeable or non-rechargeable battery may be used. This shall by no means supply energy to other parts of the vehicle electrical system."**

**B. JUSTIFICATION**

New developments of non-rechargeable batteries, especially the increase of their energy capacity, expand their range of use. Due to adequate costs, it is now possible to provide the VAS/AS with such energy supply. With this power supply, the VAS/AS is able to perform up to 500 alarm signals in combination with piezo-speakers without volume degradation. Advantages: high energy capacity, long service life, high temperature stability, small dimensions, low weight, low costs.

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