

**Economic and Social Council**Distr.: General
22 July 2016

Original: English

Economic Commission for Europe**Inland Transport Committee****World Forum for Harmonization of Vehicle Regulations****Working Party on General Safety Provisions****111th session**

Geneva, 11–14 October 2016

Item 12 of the provisional agenda


Regulation No. 121 (Identification of controls, tell-tales and indicators)**Proposal for Supplement 1 to the 01 series of amendments to Regulation No. 121 (Identification of controls, tell-tales and indicators)****Submitted by the expert from the Russian Federation***

The text reproduced below was prepared by the expert from the Russian Federation on behalf of the Informal Working Group on Accident Emergency Call System (AECS) to add new requirements on the emergency call control and tell-tale. It is based on ECE/TRANS/WP.29/GRSG/2015/24 as amended by informal document GRSG-110-14, distributed during the 110th session of the Working Party on General Safety Provisions (GRSG) (see report ECE/TRANS/WP.29/GRSG/89, para. 44). The modifications to the current text of Regulation No. 121 are marked in bold for new characters.

* In accordance with the programme of work of the Inland Transport Committee for 2016–2017 (ECE/TRANS/254, para. 159 and ECE/TRANS/2016/28/Add.1, cluster 3.1), the World Forum will develop, harmonize and update Regulations in order to enhance the performance of vehicles. The present document is submitted in conformity with that mandate.

I. Proposal

Table 1, insert new item 45 including a new references to footnote ²¹, to read:

No.	Column 1	Column 2	Column 3	Column 4	Column 5
	ITEM	SYMBOL ²	FUNCTION	ILLUMINATION	COLOUR
...
45	Accident Emergency Call System (AECS)		Control	Yes	-
			Tell-tale	-	-

Insert new footnote ²¹, to read:

²¹ **If the control is covered, the item identification shall be repeated on this cover unless this cover is transparent. "SOS" shall be kept as a symbol. The telephone symbol may be reoriented."**

II. Justification

1. The GRSG Informal Working Group on AECS is currently addressing the issue of Human/Machine Interface (HMI). The group agreed that the new draft UN Regulation on AECS should focus on the time point when the warning indication shall be given to the driver, while the HMI dedicated Regulation (i.e. UN Regulation No. 121 on the identification of controls, tell-tales and indicators) should address how the warning shall be given. A similar approach is accepted on the AECS manual control.

2. A new row for the symbol no. 45 has been added above. The item is called "Accident Emergency Call System (AECS)" because AECS is defined as "Accident Emergency Call Device" if installed in the vehicle.

3. The proposed symbols are taken from Standard ISO 2575/A1, 2011 edition. As in the ISO standard, the proposal leaves the choice between the wording "SOS" and the same wording accompanied with the phone icon. There is a wide recognition that certain common texts or words (such as "SOS") can be used and understood as a symbol, as is already the case for the words "START" and "STOP" in the existing footnote ¹⁹.

4. The proposal addresses both the control and the tell-tale, where the tell-tale is part of the AECS information and warning signal foreseen in the draft UN Regulation on AECS and the manual control should be illuminated per paragraph 5.3.1. of UN Regulation No. 121.

5. A footnote was added because the draft UN Regulation on AECS requires that the "AECS control shall be designed and/or placed in such a way that the risk of an inadvertent activation is reduced". A means of achieving this requirement is to add a protective cover. In that case, only that part of the control should have mandatory identification, and only when the cover is not transparent, and the manufacturer should have the flexibility to orient the icon.

