

**PROPOSED AMENDMENTS TO REGULATION NO. 13**

(Braking)

The following text introduces transitional provisions for the mandatory installation of stability control systems for certain categories of vehicle. It is intended to complement document ECE/TRANS/WP.29/GRRF/2006/34, as amended by informal document No. GRRF-61-14, which contains the technical provisions for these systems, as agreed at the last meeting of the informal group on vehicle stability control.

**A. PROPOSAL FOR MODIFICATION TO ECE/TRANS/WP.29/GRRF/2006/34, AS AMENDED BY INFORMAL DOCUMENT No. GRRF-61-14**

Replace paragraph 5.2.1.32. with the following:

"5.2.1.32. Subject to the provisions of paragraph 12.4. to this Regulation, all vehicles in categories M2, M3, N2 and N3 shall be equipped with a stability control function. This shall include roll-over control and directional control and meet the technical requirements of Annex 21."

Replace paragraph 5.2.2.23. with the following:

"5.2.2.23. Subject to the provisions of paragraph 12.4. to this Regulation, all vehicles in categories O3 and O4 shall be equipped with a stability control function. This shall include at least roll-over control and meet the technical requirements of Annex 21."

TRANSITIONAL PROVISIONS

After paragraph 12.1.6., add a new paragraph 12.1.7. (with associated footnote) as follows:

"12.1.7. As from the official date of entry into force of the [ ] series of amendments, no contracting party applying this Regulation shall refuse to grant type-approval under this regulation as amended by the [ ] series of amendments. \*/"

After paragraph 12.3.1., add a new paragraph 12.4., with associated footnote, as follows:

"12.4. Mandatory Provisions for Vehicles Equipped with Stability Function

Requirements for the equipment of vehicles with vehicle stability functions as specified in paragraphs 5.2.1.32. and 5.2.2.23. of this Regulation, as amended by the [ ] series of amendments, shall be applied as follows:

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\*/ Nothing in this paragraph shall prevent Contracting Parties mandating electronic vehicle stability control systems meeting the requirements of this Regulation

Vehicle Category	Application date (period after entry into force of the [ ] series of amendments)		Applicable Requirements (paragraph)
	Contracting Parties shall refuse type approval to vehicles not meeting the applicable requirements.	Contracting Parties shall refuse first entry into service of vehicles not meeting the applicable requirements	
M2	48 months	72 months	<u>5.2.1.32</u>
M3 (class III) **/	12 months	36 months	<u>5.2.1.32</u>
M3 (other than above)	48 months	72 months	<u>5.2.1.32</u>
N2	48 months	72 months	<u>5.2.1.32</u>
N3 (covered by the provisions of Annex V to this Regulation)	12 months	36 months	<u>5.2.1.32</u>
N3 (other than above)	24 months	48 months	<u>5.2.1.32</u>
Semi-trailers of O3 and O4 (covered by the provisions of Annex V to this Regulation)	12 months	36 months	<u>5.2.2.23.</u>
Semi-trailers of O3 and O4 (other than above)	24 months	48 months	<u>5.2.2.23.</u>
Trailers (other than semi-trailers) of categories O3 and O4	36 months	60 months	<u>5.2.2.23.</u>

\*\*/ Class III tourist coaches as defined in UNECE Regulation No. 107

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Renumber existing paragraphs 12.4. and 12.4.1. as paragraphs 12.5. and 12.5.1.

## B. JUSTIFICATION

In line with discussions at the 60th GRRF session, a phased approach to the introduction of mandatory vehicle stability control is proposed. The priority vehicles are tourist coaches (M3, Class III) and vehicles used for the transport of dangerous goods as defined in Annex V to the Regulation. As a second step, it is proposed to include the vehicles making up the most common goods vehicle combination (N3 cab plus semi-trailer). Finally, other vehicles of categories M2, M3, N2, O3 and O4 should be covered. It is proposed that all powered vehicles are equipped with both directional and rollover control. Trailers shall be required to have at least rollover control.

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