

Proposal from the European Commission on behalf of the GRRF informal group on AEBS/LDWS for amendments to the document GRRF/2011/26.

The changes indicated in bold and strikethrough characters in the base document GRRF/2011/26 are assumed to be adopted, and changes to document GRRF/2011/26 are shown in bold for new or strikethrough for deleted characters.

I. Proposal

Paragraph 12, amend to read (keep the [] around the whole paragraph)

[12. Transitional provisions

~~[12.1. As from the official date of entry into force of the 01 series of amendments, no Contracting Party applying this Regulation shall refuse to grant UNECE type approvals under this Regulation as amended by the 01 series of amendments.]~~

[12.2. Contracting Parties applying **[the 00 Series of Amendments to]** this Regulation shall not be prohibited from granting UNECE type approvals and extensions of UNECE type approvals to the 00 series of amendments to this Regulation.]

[12.3. As from the official date of entry into force of the 01 series of amendments, no Contracting Party applying this Regulation shall refuse national or regional type approval of a vehicle type approved to the 01 series of amendments to this Regulation.]

~~[12.4. As from the official date of entry into force of the 01 series of amendments, no Contracting Party applying this Regulation shall refuse first national or regional registration of a vehicle which complies with the requirements of the 01 series of amendments to this Regulation.]~~

[12.5. Until [1 November 2016 / **1 November 2012**], no Contracting Party applying this Regulation shall refuse national or regional type approval of a vehicle type approved to the 00 series of amendments to this Regulation.]

[12.6. Until [1 November **2020** / **1 November 2018**] [1 November **2020** / **1 November 2014**], no Contracting Party applying this Regulation shall refuse first national or regional registration of a vehicle which complies with the requirements of the 00 series of amendments to this Regulation.]

Annex 3, the table, replace by the table below:

“Warning and activation test requirements – pass/fail values

A	B	C	D	E	F	G	H		
	Stationary target			Moving target					
	Timing of warning modes		Speed reduction	Timing of warning modes		Speed reduction	Target speed		
	At least 1 haptic or acoustic (ref. paragraph 6.4.2.1.)	At least 2 (ref. paragraph 6.4.2.2.)	(ref. paragraph 6.4.4.)	At least 1 haptic or acoustic (ref. paragraph 6.5.2.1.)	At least 2 (ref. paragraph 6.5.2.2.)	(ref. paragraph 6.5.3.)	(ref. paragraph 6.5.1.)		
M ₃ and N ₃ 1/, [3/]	Not later than 1.4 s. before start of emergency braking phase	Not later than 0.8 s. before start of emergency braking phase	Not less than 20 km/h	Not later than [1.4 / 2.0] s. before start of emergency braking phase	Not later than 0.8 s. before start of emergency braking phase	No impact	12 ± 2 km/h	1	
N ₂ >8 t [3/]	Not later than 1.4 s. before start of emergency braking phase	Not later than 0.8 s. before start of emergency braking phase	Not less than 20 km/h	Not later than [1.4 / 2.0] s. before start of emergency braking phase	Not later than 0.8 s. before start of emergency braking phase	No impact	12 ± 2 km/h	2	
N ₂ ≤ 8 t and M ₂ 2/, 4/	[No restriction regarding timing and warning modes ^a] or [Blank] 4/	[No restriction regarding timing and warning modes ^a] or [Blank] 4/	[0 km/h ^b] or [Blank] 4/	[No time restriction] or [Blank] 4/	[Not later than 1.4 s. before start of emergency braking phase ^c] or [Blank] 4/	[0 km/h ^d] or [Blank] 4/	[12 ± 2 km/h] or [Blank] 4/	3	

1/ Vehicles of category M3 with hydraulic braking system are subject to the requirements of row 3

2/ Vehicles with pneumatic braking system are subject to the requirements of row 1

[3/ applicable only to vehicles with pneumatic rear axle suspension]

4/ Reservation from J for light M2/N2 vehicles

^a For zero speed reduction, start of emergency braking phase is time to collision. In this case, paragraph 6.4.3. does not apply.

^b Speed reduction optional.

^c For zero speed reduction, start of emergency braking phase is time to collision.

^d In this case, paragraph 6.5.3. does not apply. Speed reduction optional.”