Amendment to ECE/TRANS/WP29/GRRF/2011/23, 24, 25 and 26

A. Proposal

Annex 3 of ECE/TRANS/WP29/GRRF/2011/24 and 25, amend to read

	Α	В	С	D	E	F	G	Н
	Stationary target			Mov		Moving	ng target	
		Timing of warning modes		Speed	Timing of warning modes		Speed	Target speed
Class		At least 1 haptic	At least 2	reduction	At least 1	At least 2	reduction	(ref.
		or acoustic	(ref.	(ref.	haptic or	(ref.	(ref.	paragraph
		(ref. paragraph	paragraph	paragraph	acoustic	paragraph	paragraph	6.5.1.)
		6.4.2.1.)	6.4.2.2.)	6.4.4.)	(ref.	6.5.2.2.)	6.5.3.)	
					paragraph			
					6.5.2.1.)			
1 ^[1/]	M_3 and N_3	Not later than 1.4	Not later	Not less than	Not later	Not later than	No impact	32 ± 2 km/h
	and	s. before start of	than 0.8 s.	10 km/h	than 1.4 s.	0.8 s. before		
	$N_2 > [8/7.5]t$	emergency	before start		before start	start of		
		braking phase	of		of	emergency		
			emergency		emergency	braking phase		
			braking		braking			
			phase		phase			
2 ^{2/}	M_2 and	[No restriction	[No	[0 km/h]	[No time	[Not later	[0 km/h]	$[32 \pm 2 \text{km/h}]$
	$N_2 \leq [8 / 7.5]t$	regarding timing	restriction		restriction]	than 1.4 s.		
		and warning	regarding			before start of		
		modes]	timing and			emergency		
			warning			braking		
			modes]			phase]		
		or	or	or	or	or	or	or
		[Blank]	[Blank]	[Blank]	[Blank]	[Blank]	[Blank]	[Blank]

Warning and activation test requirements – pass/fail values

[1/ Class 1 requirement is also applied with regards to vehicles, which belong to N2 of equal or less than [8 / 7.5]t, with pneumatic braking system.]

2/ Class 2 requirement is also applied with regards to vehicles, which belong to M3, N3 and N2 of more than [8 / 7.5]t, with [pneumatic-hydraulic braking system (AoH) and] hydraulic braking system.

Annex 3 of ECE/TRANS/WP29/GRRF/2011/23 and 26, amend to read

	Α	В	С	D	E	F	G	Н
		Stationary target		·	M		ing target	
Class		Timing of warning modes		Speed Timing of		rning modes	Speed	Target speed
		At least 1 haptic	At least 2	reduction	At least 1	At least 2	reduction	(ref.
		or acoustic	(ref.	(ref.	haptic or	(ref.	(ref.	paragraph
		(ref. paragraph	paragraph	paragraph	acoustic	paragraph	paragraph	6.5.1.)
		6.4.2.1.)	6.4.2.2.)	6.4.4.)	(ref.	6.5.2.2.)	6.5.3.)	
					paragraph			
					6.5.2.1.)			
1 ^[1/]	$M_{3,} N_{3}$ and	Not later than	Not later than	Not less	Not later	Not later	No impact	12 ± 2 km/h
	$N_2 > [8/7.5]t$	1.4 s. before	0.8 s. before	than 20	than 1.4 s.	than 0.8 s.		
		start of	start of	km/h	before start	before start		
		emergency	emergency		of emergency	of		
		braking phase	braking phase		braking	emergency		
					phase	braking		
						phase		
2 <u>2</u> /	\mathbf{M}_2 and	[No restriction	[No restriction	[0 km/h]	[No time	[Not later	[0 km/h]	$[12 \pm 2 \text{km/h}]$
	$N_2 \leq [8 / 7.5]t$	regarding	regarding		restriction]	than 1.4 s.		
		timing and	timing and			before start		
		warning modes]	warning			of		
			modes]			emergency		
						braking		
						phase]		
		or	or	or	or	or	or	or
		[Blank]	[Blank]	[Blank]	[Blank]	[Blank]	[Blank]	[Blank]

[1/ Class 1 requirement is also applied with regards to vehicles, which belong to N2 of equal or less than [8 / 7.5]t, with pneumatic braking system.]

2/ Class 2 requirement is also applied with regards to vehicles, which belong to M3, N3 and N2 of more than [8 / 7.5]t, with hydraulic braking system.