

Comparison of ASEP Procedures under Discussion			D/F/J-1	D/F-2	OICA
			May 07	févr.08	févr.08
			ECE R 51.03	ECE R 51.03	ECE R 51.03
Limit Line Construction	Position	Analysis Reference Base	@Max_L	@Max_L / [BB']	BB'
	Anchor Point	General	from Annex 3	from Statistics	from Annex 3
		Reference Gear	Gear i	-	Gear i
		Nref	Nwoti	f(PMR)	Nwoti
		Sound Level	Lwoti	f(Limit, Lcrs, PMR)	Lwoti, Lcrs_i
	Tyre Correction	General	YES (Lroll)	YES	YES
		Where	Borderline	Borderline	Anchor Point
	Slope Definitions	n > Nref	6	5	Gear 2: 3-6dB Gear 3: 4-7dB
		n < Nref	3	4	NO
		Open Issue	Turbo vehicles unclear ? Examples required		
		Variable	NO	NO	YES
	Margins	General Margin	2	2	3
Limit Extra Margin		M_extra= Limit-Lurban	not needed	not needed	
Test Boundaries	Test Gears	Gear i and lower not 1st gear	Any Gear >=2	Gear 2 and Gear 3	
	Number of Measurements	Measurement Points	tbd	unspecified	4 per gear
		Repetitive Runs	tbd	tbd	1 Run per point
	Test Point Variability		tbd	full variable	fix (+- Tol.)
	Vehicle Speed Range	Min v at lin AA'	20 km/h	20 km/h	20 km/h
		Max v at line BB'	80 km/h	80 km/h	80 km/h
	Engine Speed Range	Min N at line AA'	tbd	tbd	<n_ref (tbd)
Max N at line BB'		f(PMR); <95%S	f(PMR); <95%S	f(PMR); ?	

technically accurate
acceptable for OICA

discussable
improvement requested

technically not acceptable
not feasible