

This file is an update of informal document GRE-64-08 with additional points and corrections as amended at the 64th GRB session , sept 2016

No	Existing regulation (n°), New regulation (GTR, UN, RE3, SR1)	Topic	Explanations	Short, Mid or Long terms	When to start	When to close	Constructing parties and/or organization concern	Discussions in GRB, IWG, Task force	Priority	Comments
1	R51-03	Limit value	Evaluation of limit values of phase 3	M	2018	2020	EC, Japan, OICA, France, UK, NL		B	Préparation of the work in 2018: how to do ?  For EC: in the context of Article 11 of Regulation (EU) 540/2014, for the EC study on sound level limits, that should be published by 1/7/2021
2	R51-03	Annexe 3 - Update technical progress	Improvement of the test method for M3 gasoline vehicles, Non lockable gear for Passenger car, Hybrid vehicle	S	2016		EC, Japan, France, OICA, UK	GRB discussions with ISO input	A	
3	R51-03	Next-generation test methods	The current test methods take a great number of man-hours and a long time; next-generation test methods need to be studied.	M	2016	2020	Japan, OICA, France, UK		B	to be managed with phase 3
4	R51-03	ASEP	ASEP Work package : 1) update the text to improve clarity and simplification in short term 2) Missing sound limit values for N1 and Offroad in Annex7 para. 5.3 to be added. 3) Series hybrid vehicles are excluded from the ASEP until 30 June 2019; new test methods will be necessary in R51. 4) ASEP as a part of type approval (not as a manufacturer declaration)		2016	2019		IWG suggested	A	not only for R51-03.
5	R51-03	gtr on pass-by test procedure	As agreed in grb in 2002 (?), it should be considered to develop a gtr after finalization of R51.03	L	2018		OICA, France, UK		B	
6	R51-03, R41-04, R9 and R63	Pass by test light for roadside-checks and PTI	Because stationary noise has often lost the direct link of sound of vehicles in motion (e.g. mapping, variable geometries, gear sensors, OBD modifications, etc.) or when stationary noise test is not applicable (HEV) . The test should be performed easily at usual streets without buildings and walls and the result (OK or not OK) should consider differences in measurement and surface etc. (tolerances of speed, rpm, ageing of silencer/vehicle, etc.). It may be a longterm substitute to stationary sound	M	2016	2020	Germany, Japan, OICA, France, UK, NL, IMMA	To be define	A for L cat To be define for M & N category	Work in progress for L cat Clarification have to be done about scope, national regulation, responsibilities, ...
7	R51-03 or RE3	Special Purpose Vehicles	SPV like mobile cranes etc are not covered by UNECE (see Framework Directive 2007/46)	S	2016	ASAP	OICA, France, UK	GRB	A	
8	All vehicle regulation	Indoor type approval	Include indoor testing as an alternative to outdoor test tracks as test facility to noise tests	S / M	2017	2018 - 2019 (ECE51)	OICA, France, EC	GRB work with ISO	A	
9	All	Virtual Type Approval	Some Regulations enable an assessment of compliance by calculation, instead of physical testing. GRB should start considering to develop the framework for type approval based on calculation	L			OICA, France		B	
10	R9, R63, R92	Anti-Tampering, other requirements	Information / exchange of views on the probable tabling of proposals to GRB and the estimated time schedule;	S	2016	2017	EC, IMMA, Germany, Japan			To be include in line 9

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11	R9, R63, R92	Limit value	The strengthening of the limit values as proposed by the European Commission will be considered.	S	2016		EC		A	- Review of R9 and R63 limit values not a priority for Japan. - EC foresees a strengthening of limit values for category L as outlined in the EU regulation. - IMMA and some CP's consider such exercise not useful until in use compliance problems are solved. Strengthening of type approval limit values would not solve concerns of citizens, which is caused by aftermarket (e.g. illegal or tampered mufflers); It would even give a
12	R41-04	Limit value	The strengthening of the limit values as proposed by the European Commission will be considered. Collecting information on experience with R41.04, that could lead to proposals for improvement : Clarification of the ASEP for motorcycles (CVT), hybrid electric vehicles	L (within 5 years)	2018		Japan, EC		B	- EC foresees a strengthening of limit values for category L as outlined in the EU regulation. - IMMA and some CP's consider such exercise not useful until in use compliance problems are solved. Strengthening of type approval limit values would not solve concerns of citizens, which is caused by aftermarket (e.g. illegal or
13	R28	"Pedestrian" horn	Much quieter than present situation (eg rgulation 3/2014/EC part 1 §1.3 and part 2 §1,5) Horn related to vehicle speed	S	2016	On going	Germany, France, India	IWG ?	B	
14	R28	Update technical progress	Revision of regulation	S	2016	On going	Russian federation, IMMA, OICA, France	IWG ?	A	
15	R28	Horn (bell)	EC L1A category tests Harmonize L1A AWD specification	S / M	2016	On going	France	IWG ?	B	
16	R28 or RE3 or new regulation	Reversing signal	Reversing alarm of M & N category vehicles because present situation causes a lot of negative reactions from peoples living in urban-areas (alarm belongs to road-building vehicles with road-building background noise), to include additionnal active safety	M	2016		Germany, France, OICA, Turkey	GRB	A to be confirm by GRB	
17	R117-03	Tyre noise limits related to ECE51.03	General discussion about the application of R117 in junction with OEM tyres Alternative Test Conditions (50 km/h cruising / acceleration)	M	2016		OICA	GRB	B	
18	R117-03	Tyre noise limits	NL proposal to amend R 117 with stage 3 limits	S	2015	2017-2018	NL			
19	R117-03	Tyre noise limits /retreaded tyres	- The scope of R117 may need to be extended with retreaded tyres (ref GRBinf doc 42-7). Or a separate regulation may be considered. Bipaver is studying a technical framework for the combination of different carcasses and tread profiles.	M			NL			
20	R117-03 (related to studless)	Clarification / addition of requirements	Addition of ice performance requirements for winter tyres	M		2020	Japan	GRRF & GRB	B	
21	QRTV (UN)	Non-acoustic measures and update of technical progress	QRTV Work package : 1) Non-acoustic measures : The new ECE Reg should be forwarded to other GRs for further development of alternative, non-acoustic measures according to the footnote of the scope of Regulation. 2) Update technical progress : Review more recent studies on EVs to verify the effectiveness of ECE Rxxx QRTV		2016	2017	OICA, JAPAN, France	other GR's and IWG QRTV for UN	B	
22	QRTV (GTR)	Early establishment of QRTV-UNR and gtr	Harmonisation with the gtr to be developed in the future	On going	2016	On going	Japan, OICA		A related to US regulation publication	
23	RE3 or GTR	Interior Noise	ISO is undertaking a full review of the scope and technical issues related to ISO 5128 - which is presently incorporated into RE3	M		On going	OICA, Hungria, Russian Federation		B	report from ISO
24		Sound emission by agricultural and forestry tractors	Sound emission by agricultural and forestry tractors, in view of the future update to technical progress of the new type approval. Opportunity to harmonize.	M		On going	EC, France		B	
25		Noise emitted by the engine cooling system		S / M		2020	Brazil, OICA		A related to Brazil	

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26	All	Update on instrumentation	Sound level meter specifications (analyzer, last IEC)	S		On going	France		A	
27		Method for evaluating effectiveness of noise regulations	Exchange information on methods to measure traffic noise, and relating these to the impact of vehicle regulations.	L			IMMA		B	
28	-	Delivery noise	Harmonize testing method on delivery vehicle	M			France, NL			Report from NL expected sept 2016
29	-	Quiet City Bus	Harmonize testing method for Quiet City Bus	M			OICA	ISO		
30	-	Siren	Harmonize testing method for siren To be include in RE3 or a new regulation	L			France		B	
31		Road noise	Method or recommandation for definition of the type of road surface regarding rolling noise.				Russian federation / EC / NL		B	
32	QRTV (UN/GTR)	Extension of the scope	Develop a definition for quiet vehicles (not just electrical or hybrid) and a qualification method for vehicles to be considered as quiet	M-L		2020+	Russian Federation looking for help of other CPs and OICA			
33		Infrasound	Assess the need for rulemaking as the first step. Information exchange.	M		2018?	Russian Federation looking for help of other CPs			
34	All	Clarification of interpretation	Definition of representative vehicle, ...	S	2016				A (A for ECES1.03)	
35	R117-03	Indoor testing (on drum)						ISO	B	
36	R117-03	Alignment ECE117 and ISO 13325,2003						ISO	B	
37	R117-03 + R51	Improve reproducibility	Track alignment and temperature correction						B	