

Priorities (based on WP 29 ECE/TRANS/WP.29/2021 rev1 2- 1e 02_02-2022 ~~and~~ update from GRBP meeting held on the 5th to 7th of September)]

"Table 2

Subjects under consideration by the Working Party on Noise and Tyres (GRBP)

GRBP							
N°	Title	Tasks / Deliverables	References	Allocations / IWGs	Timeline	Chair/Initiator	Comments
Priority 1	Real Driving Additional sound emission Provisions (ASEP)	Real driving sound emissions and the extended work of IWG ASEP such as manipulation-safe active components and software, anti-tampering, ASEP NORESS	UN-R51, R41, R59, R92	IWG ASEP	<ul style="list-style-type: none"> GRBP [2023/2024]: UN-R41 2nd step GRBP [2023/2024]: UN-R59 & R92 	Chair: Germany Secretariat: OICA	M ₁ , N ₁ (First step done in R 51) ₁ L ₃ and their NORESS To be extended to other regulations L ₃ and their NORESS for L3 and M1/N1
Priority 2	Measurement Uncertainties	Application to other regulations than UN-R51 and R117 UN- R 117	UN-R41, R59, R63, R92, R138, R28 R30, R54, R117, etc. UN R 117	IWG MU - To continue to work under this group IWG MU	<ul style="list-style-type: none"> GRBP-77 (Jan.Feb.2023): Working Doc. WP 29 June or November 2023 GRBP 78 sept 2023 Working doc for UN- R117 (step 1)	Chair : Norway Secretariat : OICA	Other regulations: Deadline to be defined Create priority list of UN Regs and not only limited to sound emission issues. Proposal to cluster the regulations per subject UN R138 and Draft WGWT test procedure.

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Priority3	Revision of UN-R138 -AVAS	<p>Review of UN-R138 for AVAS (technical, language, consistency, interpretation,operation range)</p> <p>Ensure compatibility/ consistency between UN R138 and Draft UN R51.034 RD-ASEP</p> <p>Define clear AVAS operation range.</p> <p>Ramp-up max. sound level curve under any driving condition to establish a handshake between UN R138 maximum sound and RD-ASEP of UN-R51.</p> <p>Review of UN R138 for AVAS (technical, language, consistency, interpretation ...)</p>	UN-R138 Draft UN-R51-03 (including RD-ASEP)4	New IWG, or existing IWG AVAS to be reactivated. TF QRTV (Work shared with IWG MU & IWG RD-ASEP)	<p>GRBP 76 (Sept.2022): Informal Doc.</p> <p>GRBP 77 (Jan.Feb.2023): Working Doc.</p> <p>1st step: GRBP-78 (Sept.2023): informal doc. GRBP-79 (Jan.2024): Working doc.</p> <p>2nd step: GRBP-80 (Sept.2024): Informal doc. GRBP-81 (Jan.2025): Working doc.</p>	Chair: France Secretary OICA See IWG RD-ASEP & MU	<p>To be considered:</p> <ul style="list-style-type: none"> - In a 2nd step L cat. - Non-sound emission devices as new safety features, replacing AVAS. <p>-US FMVSS 141 & UN-R138 AVAS. Review sound specifications & test conditions.</p> <p>ISO 16254 Technical results expected</p>
Recurrent4	Interaction UN-R51 & UN-R117	<p>Influence of tyres --> revision of UN-R117 vs. urban speeds to ensure tyres approved within the speed range which is aligned for both UN-R51 and UN-R117.</p> <p>Interactions between UN-R51 and UN-R117 to be achieved/improved by a step-by-step approach.</p>	UN-R117 UN-R51	GRBP	Informal Doc. for GRBP in 2022/22/2023	OICA ETRTO	With increased market penetration of EVs and according to the current forecast (especially due to the increase of the vehicle's weight with suitable tyres), to be considered in the future

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Recurrent5	Special Purpose Vehicle	Adaptation of the prescriptions of measurement procedure for Special Purpose Vehicles, (SPV) like mobile cranes etc at UNECE level	UN R51 RE.3	GRBP	<ul style="list-style-type: none"> GRBP 75 (Feb.2022): General presentation To be worked at the ISO level: Work to start in March April 2022. For a proposal to be presented at GRBP Sept.2024 at the latest. 	... / OICA, EC	SPV like mobile cranes etc are not covered by UNECE, only inside EU Framework Regulation 2018/858. Deadline on EU side currently scheduled in 07/2027. Impact at least on noise limit values.
Recurrent6	Reference test track	Influence of surfaces on real sound emissions of the vehicles vs. ISO test track	All regulations concerned by	GRBP		... / Germany Secr : OICA	GRBP should take into account the test surfaces even if GRBP is not directly in charge of them and see how to manage these road surfaces. Other parties should be involved in this topic as EC DG/ENV.
Priority7	Tyre Abrasion Test method development	Microplastics from tyres, including: Method for rating tyres based on their abrasion performance. enabling the quantification of microplastic emissions from tyres. investigating correlation between abrasion rate and durability of tyres.	Current regulation or new regulation	Task Force TF-TA (in cooperation with GRPE)	78th GRBP (Sept 2023) Informal document (submitted to 88th GRPE in June 2023). 79th (GRBP Feb2024) working document (submitted for feedback to the 89th GRPE in January 2024).	Co-Chairs: EC & France Secretariat: ETRTO	C1 Taken into account through (EU) 2020/740 Regulation. Introduction in current UN regulations and/or new regulation under GRBP?
Priority	New limits on wet grip new tyres and rolling resistance new tyres for C1, C2, C3	Impact of tyres on safety and on exhaust emissions of vehicles and overall	UN-R117	GRBP	<ul style="list-style-type: none"> GRBP-75 (Feb.2022): Informal Doc. GRBP-76 (Sept.2022): Working Doc. 	EC	Both safety & env. will have to be considered. Cross-check between all tyre performances aiming to

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		vehicle energy efficiency and CO2 target			WP29 March 2023: Working Doc. o EIF Oct 2023		achieve the optimal values of tyre performance regulated parameters C1, C2, C3 new tyre. Linked to GRPE (low rolling resistance vs. WLTP). Cross check between all tyre performances aiming to achieve the optimal values of tyre performance regulated parameters
8	Wet grip new tyres C1	New limits	UN R117	GRBP	<ul style="list-style-type: none"> • GRBP 75 (Feb.2022): Informal Doc. • GRBP 76 (Sept.2022): Working Doc. • WP29 March 2023: Working Doc. ○ EIF Oct 2023 	ETRTO	Both safety & env. will have to be considered. Cross check between all tyre performances aiming to achieve the optimal values of tyre performance regulated parameters
9	New limits on wet grip new tyres and rolling resistance new tyres for C1, C2, C3	Impact of tyres on safety and on exhaust emissions of vehicles and overall vehicle energy efficiency and CO2 targets	UN R117	GRBP	<ul style="list-style-type: none"> • GRBP 75 (Feb.2022): Informal Doc • GRBP 76 (Sept.2022): Working Doc. • WP29 (March 2023): Working Doc ○ EIF Oct 2023 		Both safety & env. will have to be considered. Cross check between all tyre performances aiming to achieve the optimal values of tyre performance regulated parameters C1, C2, C3 new tyres Linked to GRPE (low rolling resistance vs. WLTP). Cross check between all tyre performances aiming to achieve the optimal values

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							of tyre performance regulated parameters
Priority+0	Expand the scope of UN-R28 for new functions	Review UN-R28 and cross-references to other UN Regulations, provide definitions and specifications (if needed); review Communication Form; check for application of UI	UN-R28, UN-R97, UN-R138, UN-R1xx (RWS), EU-NCAP Roadmap 2025	GRBP IWG or TF	GRBP-76 (Sept.2022) or 77 (Jan.Feb.2023): Working Doc. GRBP-78 (Sept.2023) (Jan.Feb.2024): Report	Chair: ... Secretary: OICA	Need for a group, to be discussed during GRBP-75/76. EU-NCAP with plan for 'child presence' inside the car. See WP 29 report Sound outside of the vehicles.
Recurrent+1	Review Sound specification of other UN Regulations. Doc. for reference regarding interior sound specification of various UN Regulations (UN-R158, ...)	Interior Sound Specifications for sonar systems according UN-R158	UN-R158, UN-R13H, UN-R16 UN-R48, UN-R79 UN-R100, UN-R131 UN-R152, Other?	GRBP IWG or TF	GRBP-76 (Sept.2022) or 77 (Jan.Feb.2023): Report GRBP-78 (Sept.2023) GRBP-79 (Jan.Feb.2024): Report	Chair: ... Secretary: OICA	Need for a group, to be discussed during GRBP-75
		Prepare uniform consideration, when interior sound shall be mandated by a UN Regulation for safety purposes	UN-R158, 121, 116	t.b.d.	2024 tbe GRBP-79 (Jan.Feb.2024): Report		General provisions for acoustic tell-tales
12	Type definition	Consideration on tolerances for type defining parameters and selection scheme for a representative vehicle.	UN R51, R41	?	?	?	

Transmitted by the Chair

Informal document **GRBP-76-36**
76th GRBP 5 -7 September 2022,
agenda item 1 &10

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13	Wet Grip on Worn Tyres (WGWT)	Additional prescriptions regarding performances on Wet Grip of Worn Tyres to be added in UN-R117.	UN-R117	IWG WGWT	• GRBP 79 (Jan 2024): Test precision. working document 79th GRBP (Feb 2024)	Co-Chairs: France & European Commission Secretariat: ETRTO	