

Priorities (based on GRBP meeting held on the 8<sup>th</sup> to 11<sup>th</sup> of February and on WP 29 ECE/TRANS/WP.29/2022- 1e 02\_02-2022)

GRBP							
N°	Title	Tasks / Deliverables	References	Allocations / IWGs	Timeline	Chair/Initiator	Comments
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	IWG ASEP	<ul style="list-style-type: none"> <li>• <u>GRBP-74 (Sept.2021)</u>: Informal Doc. for amendments to UN-R51-04</li> <li>• <u>GRBP-75 (Feb.2022)</u>: Working Doc. UN-R51-04 (M<sub>1</sub>, N<sub>1</sub> vehicles)</li> <li>• <u>GRBP [2023/2024]</u>: UN-R41 2nd step</li> <li>• <u>GRBP [2023/2024]</u>: UN-R59 &amp; R9(2)</li> </ul>	Chair: Germany  Secretariat: OICA	M <sub>1</sub> , N <sub>1</sub> L <sub>3</sub> and their NORESS  To be extended to other regulations
2	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	<ul style="list-style-type: none"> <li>• <u>GRBP-74 (Sept.2021)</u>: Working Doc. for amendments to UN-R117 on C1 tyres</li> <li>• <u>GRBP-76 (Sept.2022)</u>: Working or informal Doc. for amendments to UN-R117 on C2, C3 tyres</li> <li>• <u>GRBP-76 (Sept.2022)</u>: Working Doc. for Suppl. 1 to R117 03 series on C1 tyres (molded worn tyres)</li> </ul>	Co-Chairs: France & European Commission  Secretariat: ETRTO	Through a new Series of amendment. For reminder, work on worn tyres linked to EU GSR2 (Reg. (EU) 2019/2144).
3	Measurement Uncertainties	Assessment of measurement uncertainties and track alignment	UN-R51 UN-R117 UN-R41 UN R 138	IWG-MU	<u>GRBP-74 (Sept.2021)</u> : <ul style="list-style-type: none"> <li>▪ Working Doc. for UN R 51 as Suppl.7</li> <li>▪ Informal Doc. containing general Guidelines</li> </ul> <u>GRBP-75 (Feb.2022)</u> : <ul style="list-style-type: none"> <li>▪ Working Doc. for UN-R51 as Suppl.8</li> </ul>	Chair: Norway  Secretariat: OICA:	R 51: Noise R117: Noise Other regulations: Deadline to be defined

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					<ul style="list-style-type: none"> <li>▪ Informal Doc. for amendments to UN-R117</li> <li>▪ Working doc containing general Guidelines <u>GRBP-76 (Sept. 2022)</u>: Working Doc. for UN-R117 (Tyre Noise step 1)</li> </ul>		For tyres, WG & RR to be considered in a Step 2
4	Reverse Warning Sound (RWS)	Harmonization of Reverse Warning Sound requirements (Components and vehicles) with the aim of lower sound emissions on a high safety level	New Regulation	TF-RWS	<ul style="list-style-type: none"> <li>• <u>GRBP-74 (Sept.2021)</u>: informal Doc.</li> <li>• <u>GRBP-75 (Feb.2022)</u>: working Doc.</li> </ul>	Chair: Japan Secretariat: OICA	M2>3,5tons, N2, M3, N3 MOIS, Reversing Safety, Camera Monitor systems as an alternative to RWS
<b>Other priorities 2022</b>							
5	Vehicles' Sound	Technical review	UN-R51, R9, R28, R41, R59, R63, R92, R117, R138, Future UN Reg. RWS	TF-VS	To be discussed in TF-VS	Chair: France Secretariat: OICA	M, N, L TF-SL (Sound Limits) renamed TF-VS (Vehicles Sound).
6	Revision of the existing traction tyre definition	Introduction of a revised traction tyre definition for C2 and C3 tyres	UN-R117	GRBP	<u>GRBP-76 (Sept.2022)</u> : Working Doc.	ETRTO	C2, C3 See previous Informal document GRBP-70-19. Impact on UN-R51 to be checked (deadline tbd. for such impact).

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7	New radial tyre definition	Proposal to introduce new Radial Tyre definition	UN-R30	GRBP	WP29 (Nov.2022)	Proposal by France & EC at GRBP-72	Ensure consistency between UN Regs and UN GTRs under 1958 and 1998 Agreements respectively to avoid mismatch in definitions (e.g. UN-R30 vs. US-standard). US & Canada are assessing impact → to be followed at next GRBP (Feb. / Sept..2022 tbc)
8	New ice tyre definition	ERTRO Proposal to introduce in UN Regulation No.117 an Ice tyre definition for tyres of C1 class.	Amendment to UN-R117	GRBP	<b>Adopted at GRBP-74 (Sept.2021) for R117.</b> WP.29 March 2022	ETRTO	Ensure consistency between UN Regs and UN GTRs under 1958 and 1998 Agreements respectively. (Under consideration for GTR).
<b>New priorities</b>							
9	Measurement Uncertainties	Application to other regulations than UN-R51 and R117	UN-R41, R59, R63, R92, R138, R28 R30, R54, R117, etc.	IWG MU - To continue to work under this group	<ul style="list-style-type: none"> <li>• <b>GRBP-77 (Jan.Feb.2023):</b> Working Doc.</li> <li>• WP 29 June or November 2023</li> </ul>	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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10	Revision of UN-R138 -AVAS	Ensure compatibility/ consistency between UN R138 and Draft UN R51.04 RD-ASEP Define clear AVAS operation range. 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. Review of UN-R138 for AVAS (technical, language, consistency, interpretation ...)	UN-R138 Draft UN-R51-04	New IWG, or existing IWG AVAS to be reactivated.  Work shared with IWG MU & IWG RD-ASEP	<ul style="list-style-type: none"> <li>• <u>GRBP-76 (Sept.2022)</u>: Informal Doc.</li> <li>• <u>GRBP-77 (Jan.Feb.2023)</u>: Working Doc.</li> </ul>	Chair: Secretary  See IWG RD-ASEP & MU	To be considered: - In a 2 <sup>nd</sup> step L cat. - Non-sound emission devices as new safety features, replacing AVAS. -US FMVSS 141 & UN-R138 AVAS. Review sound specifications & test conditions.  ISO 16254 Technical results expected
11	Interaction UN-R51 & UN-R117	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. Interactions between UN-R51 and UN-R117 to be achieved/improved by a step-by-step approach.	UN-R117 UN-R51	GRBP	Informal Doc. for GRBP in 2022		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
12	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"> <li>• <u>GRBP-75 (Feb.2022)</u>: General presentation</li> <li>• To be worked at the ISO level: Work to start in March-April 2022.</li> </ul>	../ OICA, EC	SPV like mobile cranes etc are not covered by UNECE, only inside EU Framework Regulation 2018/858.

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					<ul style="list-style-type: none"> <li>For a proposal to be presented at GRBP Sept.2024 at the latest.</li> </ul>		Deadline on EU side currently scheduled in 07/2027. Impact at least on noise limit values.
13	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.
14	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 or/and IWG to be initiated in 2022 (in cooperation with GRPE)	Expected by 2023	Chair: ...  Secretariat: ETRTO	C1 Taken into account through (EU) 2020/740 Regulation. Introduction in current UN regulations and/or new regulation under GRBP?
15	Wet grip new tyres C1	New limits	UN-R117	GRBP	<ul style="list-style-type: none"> <li><u>GRBP-75 (Feb.2022): Informal Doc.</u></li> <li><u>GRBP-76 (Sept.2022): Working Doc.</u></li> <li><u>WP29 March 2023: Working Doc.</u> <ul style="list-style-type: none"> <li>o EIF Oct 2023</li> </ul> </li> </ul>	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

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16	New rolling resistance limits	Impact of tyres on exhaust emissions of vehicles and overall vehicle energy efficiency and CO2 targets	UN-R117	GRBP	<ul style="list-style-type: none"> <li>• <u>GRBP-75 (Feb.2022)</u>: Informal Doc</li> <li>• <u>GRBP-76 (Sept.2022)</u>: Working Doc.</li> <li>• <u>WP29 (March 2023)</u>: Working Doc               <ul style="list-style-type: none"> <li>○ EIF Oct 2023</li> </ul> </li> </ul>		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 of tyre performance regulated parameters
17	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	<u>GRBP-76 (Sept.2022) or 77 (Jan.Feb.2023)</u> : Working Doc.	Chair: ... Secretary: OICA	Need for a group to be discussed during GRBP-75. EU-NCAP with plan for 'child presence' inside the car. Sound outside of the vehicles.
18	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	<u>GRBP-76 (Sept.2022) or 77 (Jan.Feb.2023)</u> : 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 tbc.	OICA	General provisions for acoustic tell-tales
19	Type definition	Consideration on tolerances for type defining parameters and selection scheme for a representative vehicle.	UN-R51, R41	?	?	?	