List of priorities of GRs’ work for 2023-2024 – Informal meeting on 2023-05-15 ( chair)

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

| *GRBP* | | | | | | | | |
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| *N°* | *Title* | *Tasks / Deliverables* | *References* | *Allocations / IWGs* | *Timeline* | *Chair/Initiator* | *Comments* |
| Priority | 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-R41 | IWG ASEP | UN-R41 2nd step:   * GRBP-80 (Sept.2024): Informal doc. * GRBP-81 (Jan./Feb.2025): Working doc. | Chair: Germany  Secretariat: IMMA | The 2nd step for UN-R41 (L-cat.) still in progress and to be restarted with the group in 2023.  NORESS for L3 should be worked in parallel under GRBP. |
| RD-ASEP  UN-R51 | RD-ASEP monitoring:  GRBP-80 (Sept.2024): Report | Chair: Germany  Secretariat: OICA | Collection of data |
| Update of UN-R51:  GRBP-83 (Jan./Feb.2026): Working Doc. | Further work to be started in 2024 after the one-year monitoring period.  NORESS for M1/N1 should be worked in parallel under GRBP after the one-year monitoring period in UN-R51 from 2024. |
| Priority | Measurement Uncertainties | Application to UN- R117 | UN-R117  RE.3 | IWG MU | GRBP-78 sept 2023 Working doc for UN- R117 (step 1) | Chair : Norway  Secretariat : OICA | Target is to introduce MU in RE.3 (and/or any other relevant documents) for all technical services |
| Priority | Revision of UN-R138 -AVAS | Review of UN-R138 for AVAS (technical, language, consistency, interpretation, operation range)  Ensure compatibility/ consistency between UN R138 and Draft UN R51.03 RD-ASEP  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. | UN-R138  Draft UN-R51-03 (including RD-ASEP) | TF QRTV | 1st step:   * GRBP-78 (Sept.2023): Informal doc. * GRBP-79 (Jan./Feb.2024): Working doc.   2nd step:   * GRBP-82 (Sept.2025): Informal doc. * GRBP-83 (Jan./Feb.2026): Working doc. | Chair: Germany  Secretariat  OICA | To be considered:  - US FMVSS 141 & UN-R138 AVAS.  - Review sound specifications & test conditions.  - ISO 16254 Technical results expected  2nd step linked to RD-ASEP from UN-R51. |
| Priority | 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 (Feb.2024):   Informal document   * GRBP-80 (Sept. 24): Working document. * GRBP-82 (Sept.2025): Informal doc * GRBP -83 (Jan./Feb. 2026) Working document | Co-Chairs: France  Secretariat: ETRTO | Test precision improvement on water depth measurement  Test precision procedure |
| Priority | 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) | * GRBP-78 (Sept.2023)   Informal doc. with test methods description (status report to 89th GRPE in June 2023).   * GRBP-79 (Jan./Fev.2024)   Working doc. with test methods description (submitted for feedback to the 90th 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?  Market assessment and threshold definition in a later step.  C2, C3 at a later stage |
| Priority | Special Interest Group on Autonomous vehicles | Recommendations for optimizing the relevant GRBP regulations | GRBP-77-19  GRBP UN-R | Special interest group on Autonomous vehicles  SIG-AV | GRBP-78 (Sept.2023): Report  GRBP-79 (Jan./Feb.2024): Informal doc. (Status report) | Chair: NL  Secretary: OICA |  |
| Recurrent | Exterior Acoustic Signalling | Update of UN-R28, 138, 165 (including definitions, specifications, communication form, application of UI, …) with cross-references to acoustic & relevant non-acoustic UN-R | UN-R28,  UN-R97,  UN-R138,  UN-R165,  EU-NCAP Roadmap 2025 | GRBP | GRBP-79: Jan/Fevr.2024)  : Report  GRBP-80: (Sept. 2024): Informal doc. (Status report) | OICA | EU-NCAP with plan for ‘child presence’ inside the car. See WP 29 report  Sound outside of the vehicles.  Additional sounds may be expected in the future especially coming from automatic driven vehicles. |
| Recurrent | Small group on retreated tyres regulations | To amend UN-R108 and R109 by addressing the provisions for ~~snow~~ tyre for use in severe snow conditions in a new UN-Regulation | UN-R108  UN-R109 | GRBP | GRBP-78 (September 2023): Informal Doc.  GRBP-79 (Jan./Feb. 2024): Working Doc. | ETRTO | new UN-Regulation |
| Recurrent | Reference test track | Influence of surfaces on real sound emissions of the vehicles vs. ISO test track for exchange of information | All regulations concerned | GRBP |  |  | To take into account the test surfaces and see how to manage these road surfaces. Other parties are invited to be involved in this topic. |