WGWT-24-04

24th session of the GRBP Informal Working Group

on Wet Grip on Worn Tyres (WGWT), July 29th 2021

**ECONOMIC COMMISSION FOR EUROPE**

INLAND TRANSPORT COMMITTEE

World Forum for Harmonization of Vehicle Regulations (WP.29)

Working Party on Noise and Tyres (GRBP)

Working Group on Wet Grip on Worn Tyres (WGWT), July 29th 2021

**Draft minutes of the 24th session of the Informal Working Group WGWT**

**July 29th (9:00- 12:00 CET) Webconference**

[TEAMS LINK](https://teams.microsoft.com/l/meetup-join/19%3Ameeting_NTIxZjJkNTUtZDdhNy00NTEyLTllZmEtMDQzZTNlMDFkNDkx%40thread.v2/0?context=%7b%22Tid%22%3a%220a059498-0e48-4cd6-9486-261f37097265%22%2c%22Oid%22%3a%2286ffda28-54bf-46cb-8307-ac4eaeeea850%22%7d)

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|  |  | Working Documents |
|  | **Welcome and opening remarks**  |  |
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 | **Introduction of participants and organizations**Attendance list: WT-24-03 | WT-24-03 |
|  | **Adoption of the agenda and the minutes of previous meeting**Previous meeting minutes were adopted.Agenda is approved. | WT-23-07v1WT-24-01 |
|  | **Objective of the meeting*** **Status post processing activity**
* **Informal document (to amend GRBP/2021/12)**
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|  | * **Roughness measurements**

Action item WT-21-01Specification of roughness measurement tool used to be shared by testing centers to the IWG, if this parameter is confirmed as relevant by the post processing group.Action item is replaced by:**Action item WT-24-03**IWG WGWT to check whether it is relevant to have the roughness measurement specifications in the regulation? (example: Annex 6 of R117, ISO) |  |
|  | **Definition of worn tyre****Ageing****Action item WT-03-03**Tyre industry will investigate whether publications are available on the average mileage/tyre, or if a different way to estimate the average mileage of tyres is existing.Action item is still open. |  |
|  | **Worn Tyre Drafting Group: review amendment proposal to R117****Action item WT-22-01**Buffing centers will provide the specification of the roughness measurement tool to IWG WGWT secretary by 30 June.ETRTO members provided the following input:* Mitutoyo SJ-410
* camera 2D measurement
* NanoFocus optical non-contact confocal microscope CCD camera
* Innovatest TR-110

**Action item WT-24-01**To check if the non-contact measurement tools fits with the new ISO FDIS 21920 standard**Action item WT-24-02**The test centers are requested to check whether their roughness measurement tools are compliant with the proposed specifications in the R117 amendment proposal.IWGWGWT agreed that the roughness measurement specifications will be considered in the Informal document amending the Working Document.**WTPP agreed to keep the prescription of max 20µm in R117** |  |
|  | **Status report Post Processing core team**WTPP group presented its status and guidance request with document WT-24-02.WTPP explained in detail the 2 positions in the WTPP, and the need to receive from IWG WGWT the right guidance to continue the work.IWG provided the following comments:Germany:* Appreciated the work done
* the water depth measurement seems to be an important parameter: suggest to find/develop a standard way for water depth measurement
* The statistical significance R² for calculating the correlation is maybe not the most suitable method
* Agree with the Jasic proposal to have a molded worn SRTT, but not today as there is the need to respect the IWG timeline

Japan:* There is a need for a 2nd phase of assessment to improve the formula.
* Cannot agree with the stepwise approach as proposed

CATARC:* Agree to go in a stepwise approach
* Other issues to be fixed
* SRTT worn need to be consistent
* Cost and buffing of SRTTworn to be considered
* Reanalyze the formula for consistency
* SRTT worn usage conditions (age, storage, etc)
* Will come with suggestions for the water depth measurement

Chair:* Understood the technical discussion, and reminded the IWG WGWT mandate.
* Proposed the stepwise approach for the SRTT worn
* GRBP Sept 21: Informal document amending Working Document with IWG agreed parameters 🡪 WP.29 March 22
* GRBP Jan 22: Informal Document with finalisation open parameters. 🡪 Informal Document to WP.29 March 22

ETRTO:* Molded SRTT is feasible, but timeline for ASTM standard: not before 2023 (due to Standardization process)

Chair:* To respect the timeline and Jasic request, the 2 steps approach (step 1: buffed SRTT, step 2: molded SRTT worn (through new supplement))

JASIC:* Reiterate the objection for a stepwise approach
* Request Scenario B (further assessment, final proposal September 2022)

Idiada:* Will follow the IWG decision

Netherland:* Will follow the IWG decision

France:* Agree with a stepwise approach

**Action item WT-24-03**ETRTO is requested to check whether it is possible considering (for homologation purpose and technical readiness) the adoption of a Working Document in September 2022 with the application of the regulation in July 2024Conclusion:The IWG didn’t found a compromise and the right guidance to WTPP to proceed further. For this, the following decision was taken:* Urgent meeting on 23 August to inform EC on the status

IWG reviewed the Working Document GRBP-2021-12, and brought the additional inputs as per document WT-24-05 during the meeting to prepare the Informal Document | WT-24-02WT-24-05 |
|  | **C2 and C3**- Need to consider the specificities of Nordic winter tyres (Ice tyres).- Buffing procedure for C2 and C3 tyres to be drafted.- To consider ISO15222 (C3 narrow and C3 wide)**Action item WT-20-02**ETRTO will study the raised questions from Germany and investigate whether some information or data can be found to respond to Germany questions.Action item is still open.Not discussed during the 24th session | WT-20-02 |
|  | Next meeting(s)* ***Official sessions of IWG WGWT:***

23 August 10:00 – 11:30 (info to EC on WTPP status)8 or 10 September 9:00 – 12:00 (placeholder) (IWG status report to GRBP)* ***Post Processing team:*** 26 August (9:00 – 11:00)
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|  | Adjourn Meeting ended at 11:55 |  |

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All documents of this IWG WT are/will be available via the UNECE website: [IWG Worn Tyres session 24 - Transport - Vehicle Regulations - UNECE Wiki](https://wiki.unece.org/display/trans/IWG%2BWorn%2BTyres%2Bsession%2B24)