WGWT-35-11

35th session of the GRBP Informal Working Group

on Wet Grip on Worn Tyres (WGWT), February 3rd 2022

**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), February 3rd 2022

**Draft minutes of the 35th session of the Informal Working Group WGWT**

**February 3rd (9:00 – 12:00 CET) 2022 Webconference**

[TEAMS LINK](https://teams.microsoft.com/l/meetup-join/19%3Ameeting_ZDk5ZWY1YzUtN2QzNi00YTg1LTk2ZTMtZDQ4MzUxZDNkZDQ5%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**  |  |
| 1. T
 | **Introduction of participants** Attendance list as per WT-35-08 |  |
|  | **Adoption of the agenda and the minutes of previous meeting**Agenda was adoptedPrevious meeting minutes were adopted | WT-34-08WT-35-01 |
|  | **Objective of the meeting*** **Feedback from JASIC – ETRTO meeting on track friction range**
* **C2 and C3**
* **Status report to GRBP 75th session**
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|  |  **Feedback from JASIC – ETRTO meeting on track friction range****Track Friction Range**ETRTO presented per document WT-34-05 a proposal for track friction range for the Wet Grip in worn state.JASIC presented as per document WT-34-06 their proposal to remove in the regulatory text proposal annex 9 the (c) in paragraphs 2.4.1.1.2 and 2.4.2.1.2.Discussion took place with the following arguments:JASIC requested to remove the sentence as long the SRTT stability is not fixed (that should be solved with moulded worn SRTT).ETRTO emphasized that the proposal to limit the friction range will solve the JASIC concern to reduce the track to track variability. ETRTO reiterated its opinion that the buffed SRTT is not the main source of variability (but waterdepth is playing a major role) and considers that for that purpose their proposal should be included in R117.03.JASIC could agree with ETRTO track friction range proposal, as long the reference tyre is stable (moulded worn SRTT). Buffed SRTT is not sufficient for JASIC.The chair invited JASIC and ETRTO to have a dedicated worksession to work on an agreeable proposal.JASIC - ETRTO meeting is fixed on 31 January 8:00 -9:00 CET.JASIC and ETRTO will inform IWG WGWT during next IWG meeting.JASIC and ETRTO convened on 31 January and 2 February to clarify the item on track friction range.JASIC reserved its position until the IWG WGWT 35th session, but agreed that the document WT-35-04 (ETRTO clarification document) could be presented to IWG WGWT.**IWG WGWT agreed with the track friction range proposal made by document WT-35-04**.IWG WGWT also agreed to consider JASIC request as per document WT-35-05 to further considering the friction ranges in next testing campaigns:• Introduction of Moulded SRTTworn (Sep/2022 GRBP\*)• Improvement of test precision based on additional assessment which will be done in 2023 (Jan/2024 GRBP\*)(\* Submission timing of Working document to GRBP)**IWG agreed that the document WT-35-06 can be sent as IWG WGWT Informal document to GRBP 75th session, that is completing the proposal for C1 Wet Grip on Worn tyre.****Action item WT-35-01**The secretary will send the Informal Document urgently to GRBP secretariatThe Chair proposed that in case some mistakes are detected, those can always be addressed during next GRBP.CATARC informed IWG WGWT that after internal assessment, China can agree with the threshold definition (Step 2) agreed in the IWG WGWT | WT-34-04WT-34-05WT-35-04 |
| 6. | **Status Mould SRTT**The subject was not discussed in detail, but the IWG WGWT secretary reminded the participants to this test campaign to prepare the logistical details and inform ETRTO accordingly.Michelin informed IWG WGWT that the moulded SRTT and New SRTT will be provided in time.**Action item WT-35-02**Test centers to provide the logistic information to Michelin. |  |
| 7. | **C2 and C3****European Commission study**Document WT-35-02 is the interim report of the EC study on wet grip on worn tyres C2 and C3.IDIADA, that is performing the EC study, provided the following additional information:* Aim of the study: to provide objective data on the behaviour of C2 and C3 tyres in Wet grip conditions
	+ Literature review
	+ Major part will start in the next months with:
		- Battery of testing
		- Testing most common, C2 and C3 sizes
		- Test in new, half worn and worn conditions.
	+ Majority of tests will be performed with vehicle test method, but some trailer tests will be done for C2 tyres (with the purpose to compare 2 test methods)
	+ Tests will be done with SRTT in new state and SRTT in worn state (following the IWG WGWT buffing process)
* Timeline:
	+ Test campaign to start in March 2022
	+ Additional test on few C1 tyres for confirmation purpose
	+ Final conclusions expected by August 2022

**ETRTO additional test campaign** Document WT-35-03 is the update C2 C3 concept proposal based on additional ETRTO test campaign (with collaboration of ITMA for tyre deliveries) providing additional results for C2 tyres.IWG WGWT thanked ETRTO for the additional test results provided, that also considered the German request to have:- More inside data from the already provided results on C2 and C3.- More data to confirm the assumptions and preliminary results presented to GRBP and IWG WGWT.- To check that the test sample is representative of the market.ETRTO proposed to the IWG WGWT to present the document as IWG informal document to GRBP.IDIADA highlighted they would prefer to wait on the results of the EC study before addressing it to GRBP.Germany, France, ETRTO and Japan have no real concern to already present it to GRBP 75th session.Finally, IWG agreed to proceed as following:1. Consultation of EC on their agreement to present the document (WT-35-07)
2. Pending EC agreement, presentation will be made on behalf of IWG WGWT
3. The presentation (WT-35-07) includes a sentence that EC study results will be considered when available for drafting the C2/C3 wet grip on worn tyre proposal.

The secretary sent the document WT-35-07 to EC for approval before GRBPIn the meantime, EC agreed with the IWG proposal to address the document to GRBP.  | WT-20-02WT-35-02WT-35-03 |
| 8. | **IWG WGWT Status report to GRBP 75th session.**Status report WT-35-09 and revised ToR WT-35-10 were prepared and reviewed during the IWG meeting.**Action item WT-35-03**IWG WGWT experts to provided final comments to be provided by 4 February COB. IWG chair will send the 2 documents to GRBP secretariat on 7 February morning. |  |
|  | Next meeting(s)

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| TIMELINE | IWGWGWT | WTPP | Drafting group |
|  | 4 March 9:00-12:00 | Placeholder 18 February 9:00 – 11:00 |  |

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| 9 | Adjourn The Chair thanked the IWG for their contribution. |  |

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All documents of this IWG WT are/will be available via the UNECE website: [IWG Worn tyres session 35 - Transport - Vehicle Regulations - UNECE Wiki](https://wiki.unece.org/display/trans/IWG%2B%2BWorn%2Btyres%2Bsession%2B35)