

IWG for Wet Grip on Worn Tyres (WGWT)

Status report to 74th GRBP (September 2021)

Background and roles

- Roles

- Chair: France
- Co-chair: European Commission
- Secretary: ETRTO

- IWG WGWT webpage:

<https://wiki.unece.org/pages/viewpage.action?pageId=80380967>

Meetings and participants

- Meetings:

- 18th WGWT: 22 February (Webconference)
- 19th WGWT: 23 March (Webconference)
- 20th WGWT: 22 April (Webconference)
- 21st WGWT: 21 May (Webconference)
- 22nd WGWT: 15 June (Webconference)
- 23rd WGWT: 21 June (Webconference)
- 24th WGWT: 29 July (Webconference)
- 25th WGWT: 23 August (Webconference)
- 26th WGWT: 8 September (Webconference)
- 27th WGWT: 10 September (Webconference)
- 28th WGWT: 15 September (Webconference)

- Participants:

- CP: China, European Commission, France, Germany, Netherlands, Japan, Spain, India, United Kingdom.
- NGOs: ETRTO, ITMA, JATMA, OICA, ITTAC, USTMA

Work progress since last GRBP

- Test campaign completed
 - Logistics, buffing, testing
- Two subgroups created:
 - Drafting
 - working document GRBP/2021/12
 - Post processing
 - Objectif to build a model that considers influent parameters
 - Buffed/tread depth → agreed
 - Roughness → agreed
 - SRTT worn → agreed

Work progress since last GRBP

- Topics still open and to be assessed
 - Worn Profile (final assessment)
 - Fixing all the parameters for the equation.
 - Assessing the accuracy of the final formula based on weighted standard deviation and coefficient of variation.
 - Threshold definition depending on tyre clusters or peculiarities
 - Day to day variation
- Additional assessment requested by the IWG
 - Improve the stability of the reference tyre (SRTT worn)
 - Assess mould SRTT worn feasibility

Conclusions and next steps

- Updated ToR as per GRBP-74-xx
 - Keep March 22 WP29 as target for 03 series of amendment to R117 adoption
 - Introduce the work on mould SRTT worn as suppl. 1 to 03 series
 - For adoption at 76th GRBP in September 2022
- Submission of an informal document to partially complete GRBP/2021/12
 - Include the last conclusions as GRBP-74-33
 - For consideration and adoption at 74th GRBP (September 2021)
- Submission of an informal document to complete GRBP/2021/12
 - Finalise the proposal of the IWG as 03 series of amendment to R117
 - Submitted to 75th GRBP (February 2022)

New timeline

	2021							2022							2023															
	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N
Working document submittal for Sept-2021 GRBP	■																													
Informal document partially supplementing the working document			■																											
Informal document supplementing the March 22 WP29 working document as informal document for January 22 GRBP						■																								
WP29 adoption working document + informal document										■																				
Entry into force																■														
Mould SRTT worn assesement			■	■	■	■	■	■	■	■	■	■	■																	
Working document as suppl. 1 (mould SRTTworn) for September 22 GRBP												■			■															
Working document as suppl. 1 (mould SRTTworn) for March 23 WP29																	■			■										
Working document for new series (C2, C3) for September 22 GRBP												■			■															
Working document for new series (C2, C3) for March 23 WP29																	■			■										

- initial document adoption timeline
- additional request from the IWG to finalise C1 proposal
- mould SRTTworn assesement
- document submission timeline
- suppl. 1 adoption timeline (mould SRTTworn)

Thank you for your attention!