

IWG for Wet Grip on Worn Tyres (WGWT)

Status report to 76th GRBP (September 2022)

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:

- 35th WGWT: 3rd February (Webconference)
- 36th WGWT: 4th March (Webconference)
- 37th WGWT: 6th April (Webconference)
- 37-bis WGWT: 20th April (Webconference)
- 38th WGWT: 28th April (Webconference)
- 39th WGWT: 13th May (Webconference)
- 40th WGWT: 25th May (Webconference)
- 41st WGWT: 7th June (Webconference)
- 42nd WGWT: 10th June (Webconference)
- 43rd WGWT: 5th July (Webconference)
- 44th WGWT: 27th July (Webconference)

- Participants:

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

Work progress since last GRBP

- IWG work
 - Finalise the second step approach for C1 clusters definitions and thresholds
 - Improve the stability of the reference tyre via a test campaign from April to June 2022
 - Then introduce moulded SRTT16 worn in the Regulation (03 and 04 series)
 - Introduce C2 and C3 concept, as per GRBP-75-26-Rev.1, in a new 04 series of amendments to R117
- Then
 - Submission for adoption at 76th GRBP session and consideration at March 2023 WP29 of
 - GRBP/2022/22 (R117, 03 series, supplement 1) and GRBP/2022/23 (R117, 04 series)
 - Informal documents GRBP-76-xx and xx to complete both working documents
- Two subgroups:
 - Post processing
 - Assess the stability of the reference tyre with the statistical analysis of the test campaign on moulded and buffed SRTT16 worn
 - Drafting
 - Preparation of the working documents GRBP/2022/22 and GRBP/2022/23
 - Preparation of informal documents to complete GRBP/2022/22 and 23

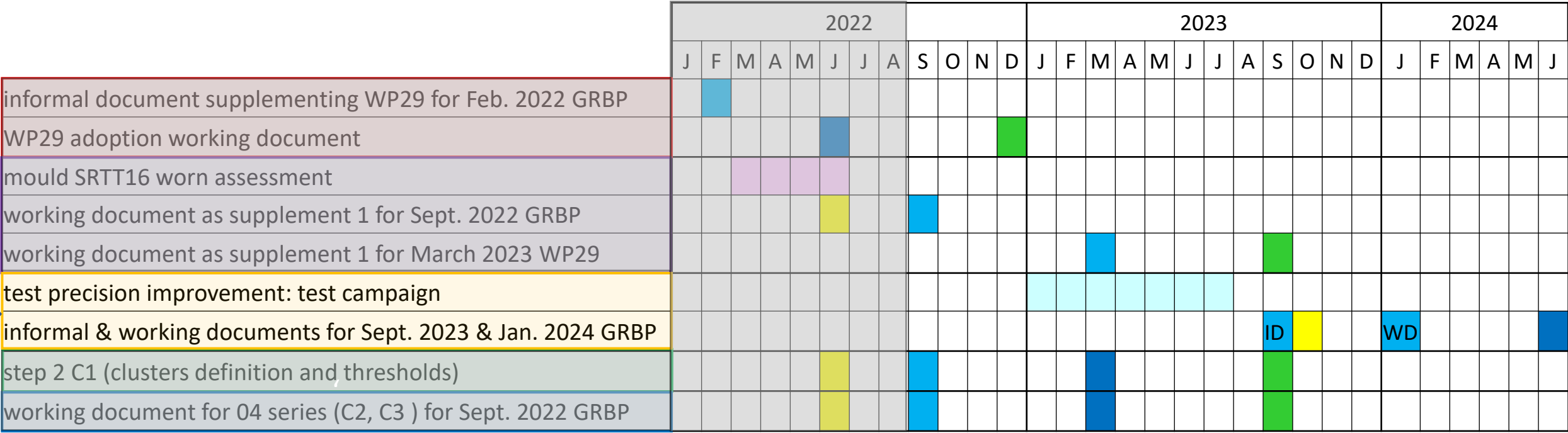
Next steps

- Introduce the ASTM standard reference for moulded SRTT16 worn
- Additional assessment requested by the IWG
 - Improve the test precision via a test campaign in 2023
 - Workplan under discussion
 - Budget to be confirmed
 - Assess and include if needed the conclusions of the European Commission test campaign

Then

- Prepare informal document(s) for 78th GRBP session (September 2023)
- Prepare working document(s) for adoption at 79th GRBP session (January 2024)

IWG WGWT timeline

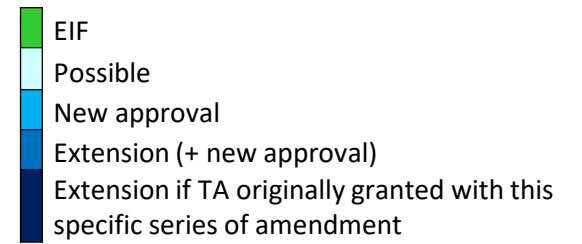


- New 03 series: C1 tyres in worn state
- C1 tyres in worn state – second step (clusters)
- 04 series: C2-C3 tyres in worn state
- Update: moulded SRTT16 worn
- Update: test precision improvement

- Document Submission Timeline
- Document Adoption Timeline GRBP
- Document Adoption Timeline WP29
- Entry into Force
- Moulded SRTT16 worn assessment
- Additional Test Campaign (test precision)

Thank you for your attention!

APPENDIX: transitional provisions



			2022					2023					2024					2025	2026					2027	2028																																		
			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	D		J	F	M	A	M	J	J	A	S	O	N	D		J	F	M	A	M	J	J	A	S	O	N	D
02 series	C1	S2WR2	[Dark Blue]																												[Cross-hatched]					[Cross-hatched]					[Cross-hatched]																		
	C2 ,C3	S2WR2	[Dark Blue]																												[Cross-hatched]					[Cross-hatched]					[Cross-hatched]																		
03 series	C1	S2WR2B						EIF	[Possible]																				[New approval]					[Extension (+ new approval)]																									
	C2 ,C3	S2WR2						EIF	[Possible]																				[New approval]					[Extension (+ new approval)]																									
	mould SRTT16	-	[Grey]																																																								
04 series	C1	S2W2R3B	[Grey]																																																								
	C2 ,C3	S2WR2B	[Grey]																																																								
	C2 ,C3	S2W2R3B	[Grey]																																																								
	mould SRTT16	-	[Grey]																																																								

Today
(June WP29)

			2022					2023					2024					2025	2026					2027	2028																																		
			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	D		J	F	M	A	M	J	J	A	S	O	N	D		J	F	M	A	M	J	J	A	S	O	N	D
02 series	C1	S2WR2	[Grey]																												[Extension (+ new approval)]					[Extension if TA originally granted with this specific series of amendment]								[Cross-hatched]					[Cross-hatched]										
	C2 ,C3	S2WR2	[Grey]																												[Extension (+ new approval)]					[Extension if TA originally granted with this specific series of amendment]								[Cross-hatched]					[Cross-hatched]										
03 series	C1	S2WR2B	[Grey]																												[Possible]					[Extension if TA originally granted with this specific series of amendment]								[Cross-hatched]					[Cross-hatched]										
	C2 ,C3	S2WR2	[Grey]																												[Possible]					[Extension if TA originally granted with this specific series of amendment]								[Cross-hatched]					[Cross-hatched]										
	mould SRTT16	-	[Grey]																																																								
04 series	C1	S2W2R3B	[Grey]																												[Possible]					[New approval]								[Extension (+ new approval)]								[Extension (+ new approval)]							
	C2 ,C3	S2WR2B	[Grey]																												[Possible]					[Extension if TA originally granted with this specific series of amendment]								[Cross-hatched]					[Cross-hatched]										
	C2 ,C3	S2W2R3B	[Grey]																												[Possible]					[New approval]								[Extension (+ new approval)]								[Extension (+ new approval)]							
	mould SRTT16	-	[Grey]																																																								

In October
2023 (EIF of
supp 1 to 03
series and 04
series)