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DTM

Doc No.: 4

AVL
RACETECH

BOP (v1.0)

Race 6, Spa-Francorchamps

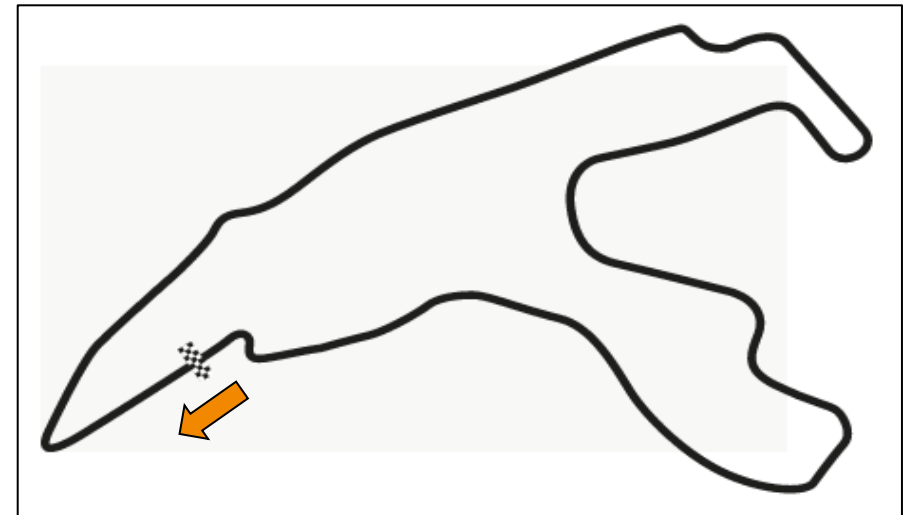
09. - 11. September 2022

Anton Schweinzer

DTM Race 6, Spa-Francorchamps General - Event and Track Information








Event:	DTM Race 6
Date:	09. - 11. September 2022

Track:	Spa-Francorchamps
Track Length:	7004m
Race 1:	13:30, 10. September 2022
Race 2:	13:30, 11. September 2022



DTM Race 6, Spa-Francorchamps BoP for Engine and Car weight







DTM		Balance of Performance, V1.0				AVL RACETECH	
		DTM Race 6, Spa-Francorchamps					
9. - 11. September 2022							
Brand	Typ	Restrictor [mm]	Boost ratio @ max Power [-]	DTM Car Weight [kg]	BoP Ballast [kg]	Total Car Weight [kg]	Total with Driver [kg]
	R8	2 x 37		1310	30	1340	<u>1420</u>
	M4		2.721	1310	0	1310	<u>1390</u>
	488		1.590	1295	25	1320	<u>1400</u>
	911	2 x 48		1275	0	1275	<u>1355</u>
	Huracan	2 x 41		1295	45	1340	<u>1420</u>
	GT3	2 x 36		1325	15	1340	<u>1420</u>

Note:
 1. The DTM Car Weight includes the empty ballast box and the onboard camera.
 2. The Total Car Weight includes the BoP Ballast.



DTM Race 6, Spa-Francorchamps

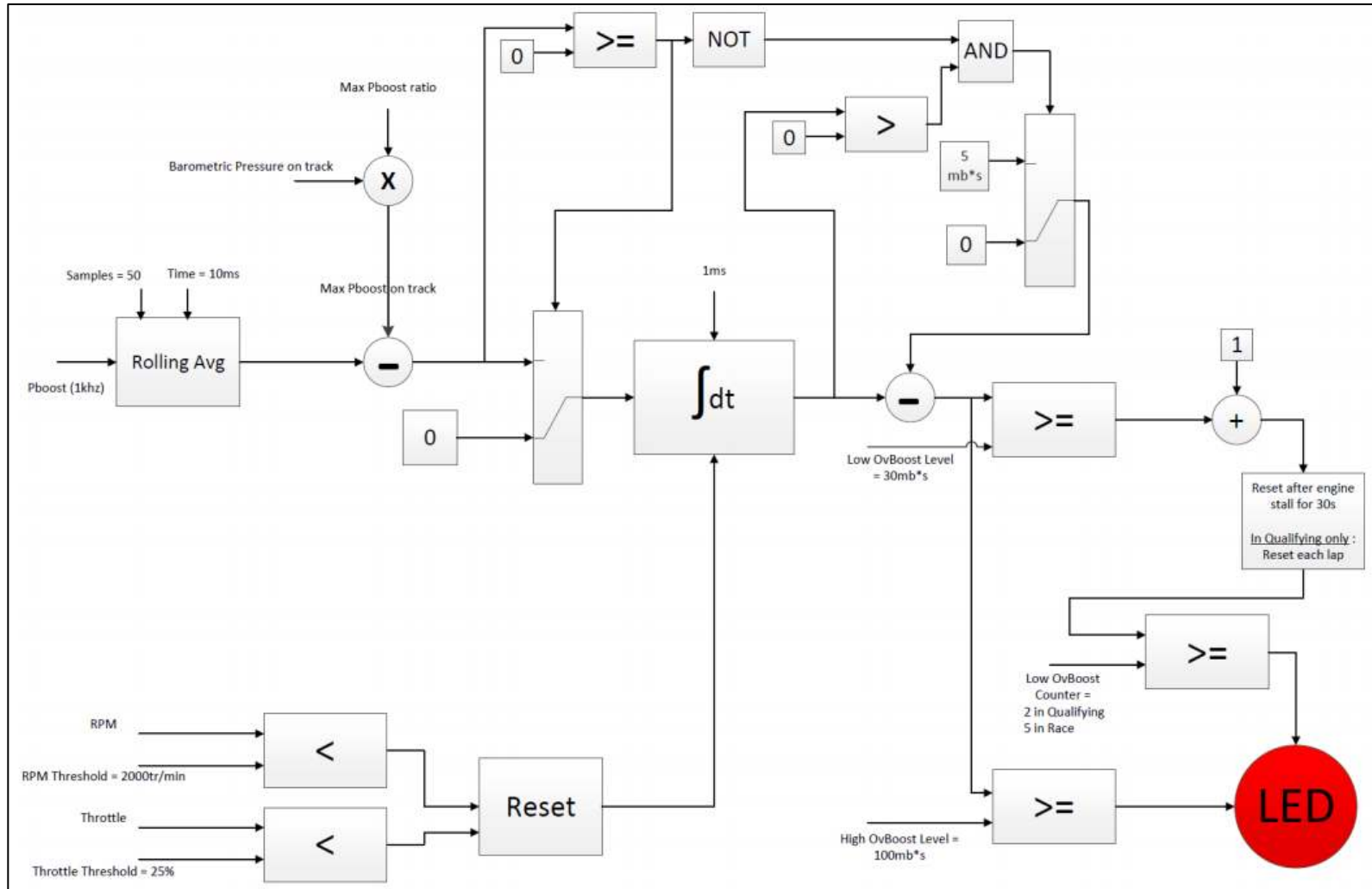
BoP for P_boost Ratio

DTM		Balance of Performance, V1.0		
		DTM Race 6, Spa-Francorchamps		
9. - 11. September 2022				
P_Boost ratio for Turbo Engines				
				
n	P_boost ratio		P_boost ratio	
3000	1.486		x	
3500	1.537		2.357	
4000	1.606		2.409	
4500	1.673		2.493	
5000	1.727		2.591	
5250	x		2.637	
5500	1.751		2.683	
5750	x		2.720	
6000	1.733		2.724	
6250	x		2.721	
6500	1.662		2.648	
6750	x		2.528	
7000	1.590		2.394	
7500	1.539		x	

Note:

1. The P_boost ratio in the table has to be multiplied with the P_Ambient pressure to get the P_boost limits.
2. P_Ambient will be communicated by the Organisation.
3. Boost pressure control like FIA strategy, see next figure.
4. The interpolation between the breakpoints is linear.

DTM Race 6, Spa-Francorchamps FIA Boost Control



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