

**TO:**  Teams  Manufacturers

**CATEGORY:**  Hypercar  LMP2  LMGTE Pro  LMGTE Am

**DECISION N°:** WEC\_2021\_D0028\_Hypercar\_LMGTE\_BOP\_PORT\_v2

**DATE:** 05/06/2021 **FROM:** The WEC Committee

**SUBJECT:** BOP for Hypercar and LMGTE for Portimão Competition

## APPLICABLE REGULATION

**Article 6.3.2**  2021 FIA World Endurance Championship Sporting Regulations

## DECISION

In application of Article 6.3.2 of the 2021 FIA World Endurance Championship Sporting Regulations, please find below: the Hypercar BOP table, the LMGTE Pro BOP table and the LMGTE Am BOP & success ballast tables.

## PERIOD OF VALIDITY/APPLICATION OF THE DECISION

This decision comes into effect:

- with immediate application**  
 from:

And is applicable:

- until further notice**  
 for the mentioned Competition(s) only

## HYPERCAR

TOYOTA GAZOO RACING GR010 HYBRID			
	prev. (1)	adjust. (2)	final
MINIMUM DRY WEIGHT (*)	1040 kg	+26 kg	1066 kg
MAXIMUM STINT ENERGY	964 MJ	-2 MJ	962 MJ
<b>POWER LEVEL (kW vs RPM N/Nmax)</b>			
0,550	256 kW	-2 kW	254 kW
0,575	279 kW	-3 kW	276 kW
0,600	300 kW	-3 kW	297 kW
0,625	322 kW	-3 kW	319 kW
0,650	343 kW	-3 kW	340 kW
0,675	365 kW	-4 kW	361 kW
0,700	387 kW	-4 kW	383 kW
0,725	409 kW	-4 kW	405 kW
0,750	430 kW	-4 kW	426 kW
0,775	449 kW	-4 kW	445 kW
0,800	467 kW	-4 kW	463 kW
0,825	482 kW	-5 kW	477 kW
0,850	494 kW	-5 kW	489 kW
0,875	505 kW	-5 kW	500 kW
0,900	512 kW	-5 kW	507 kW
0,925	517 kW	-5 kW	512 kW
0,950	520 kW	-5 kW	515 kW
0,975	518 kW	-5 kW	513 kW
1,000	514 kW	-5 kW	509 kW
1,025	444 kW	-4 kW	440 kW

GLICKENHAUS 007 LMH			
	prev. (1)	adjust. (2)	final
MINIMUM DRY WEIGHT (*)	1030 kg	-	1030 kg
MAXIMUM STINT ENERGY	965 MJ	-	965 MJ
<b>POWER LEVEL (kW vs RPM N/Nmax)</b>			
0,550	256 kW	-	256 kW
0,575	279 kW	-	279 kW
0,600	300 kW	-	300 kW
0,625	322 kW	-	322 kW
0,650	343 kW	-	343 kW
0,675	365 kW	-	365 kW
0,700	387 kW	-	387 kW
0,725	409 kW	-	409 kW
0,750	430 kW	-	430 kW
0,775	449 kW	-	449 kW
0,800	467 kW	-	467 kW
0,825	482 kW	-	482 kW
0,850	494 kW	-	494 kW
0,875	505 kW	-	505 kW
0,900	512 kW	-	512 kW
0,925	517 kW	-	517 kW
0,950	520 kW	-	520 kW
0,975	518 kW	-	518 kW
1,000	514 kW	-	514 kW
1,025	444 kW	-	444 kW

ORECA REBELLION R13			
	prev. (1)	adjust. (2)	final
MINIMUM DRY WEIGHT (*)	930 kg	+22 kg	952 kg
MAXIMUM STINT ENERGY	920 MJ	-2 MJ	918 MJ
<b>POWER LEVEL (kW vs RPM N/Nmax)</b>			
5000	267 kW	-3 kW	264 kW
5500	316 kW	-3 kW	313 kW
6000	348 kW	-3 kW	345 kW
6500	400 kW	-4 kW	396 kW
7000	441 kW	-4 kW	437 kW
7500	455 kW	-4 kW	451 kW
8000	451 kW	-4 kW	447 kW
8500	454 kW	-4 kW	450 kW

Notes:

- Adjustments are made with:
- the waivers required;
  - with the data provided by the manufacturers;
  - with the information provided by the manufacturers;
  - with analysis made by FIA/ACO.

(\*): weight including camera (or dummy) equipment

- (1): the previous value is referring to the previous BOP  
(2): the adjustments are related to the changes done for this BOP

## LMGTE PRO

FERRARI - 488 GTE EVO	prev. (1)	adjust. (2)	final
MINIMUM CAR WEIGHT (kg) (*)	1260 kg	-	<b>1260 kg</b>
MAXIMUM ONBOARD FUEL VOLUME (liter)	93 l.	-	<b>93 l.</b>
DECLARED MINIMUM LAMBDA			<b>1,10</b>
Engine power - Pboost ratio max vs RPM			
4000	1,81	-	<b>1,81</b>
4500	1,78	-	<b>1,78</b>
5000	1,79	-	<b>1,79</b>
5500	1,78	-	<b>1,78</b>
6000	1,71	-	<b>1,71</b>
6500	1,62	-	<b>1,62</b>
7000	1,50	-	<b>1,50</b>
7100	1,10	-	<b>1,10</b>

CORVETTE C8.R	prev. (1)	adjust. (2)	final
MINIMUM CAR WEIGHT (kg) (*)	1235 kg	-	<b>1235 kg</b>
MAXIMUM ONBOARD FUEL VOLUME (liter)	103 l.	-5 l.	<b>98 l.</b>
DECLARED MINIMUM LAMBDA			<b>0,88</b>
Engine power - Air restrictor diameter			
2 x MAXIMUM RESTRICTOR DIAMETER (mm)	43,5 mm		<b>43,5 mm</b>

PORSCHE 911 RSR - 19	prev. (1)	adjust. (2)	final
MINIMUM CAR WEIGHT (kg) (*)	1259 kg	-	<b>1259 kg</b>
MAXIMUM ONBOARD FUEL VOLUME (liter)	99 l.	-	<b>99 l.</b>
DECLARED MINIMUM LAMBDA			<b>0,89</b>
Engine power - Air restrictor diameter			
2 x MAXIMUM RESTRICTOR DIAMETER (mm)	30,8 mm		<b>30,8 mm</b>

## LMGTE AM

FERRARI - 488 GTE EVO	prev. (1)	adjust. (2)	final
MAXIMUM ONBOARD FUEL VOLUME (liter)	90 l.	-	<b>90 l.</b>
DECLARED MINIMUM LAMBDA			<b>1,10</b>
Engine power - Pboost ratio max vs RPM		Pboost ratio Max (-)	
4000	1,77	-	<b>1,77</b>
4500	1,74	-	<b>1,74</b>
5000	1,75	-	<b>1,75</b>
5500	1,74	-	<b>1,74</b>
6000	1,67	-	<b>1,67</b>
6500	1,58	-	<b>1,58</b>
7000	1,46	-	<b>1,46</b>
7100	1,06	-	<b>1,06</b>

ASTON MARTIN VANTAGE AMR	prev. (1)	adjust. (2)	final
MAXIMUM ONBOARD FUEL VOLUME (liter)	93 l.	-	<b>93 l.</b>
DECLARED MINIMUM LAMBDA			<b>0,94</b>
Engine power - Pboost ratio max vs RPM		Pboost ratio Max (-)	
4000	1,48	-	<b>1,48</b>
4500	1,53	-	<b>1,53</b>
5000	1,53	-	<b>1,53</b>
5500	1,54	-	<b>1,54</b>
6000	1,54	-	<b>1,54</b>
6500	1,49	-	<b>1,49</b>
7000	1,40	-	<b>1,40</b>
7200	1,37	-	<b>1,37</b>
7300	1,20	-	<b>1,20</b>

PORSCHE 911 RSR - 19	prev. (1)	adjust. (2)	final
MAXIMUM ONBOARD FUEL VOLUME (liter)	96 l.	-	<b>96 l.</b>
DECLARED MINIMUM LAMBDA			<b>0,89</b>
Engine power - Air restrictor diameter		Pboost ratio Max (-)	
2 x MAXIMUM RESTRICTOR DIAMETER (mm)	30,3 mm		<b>30,3 mm</b>

COMPETITOR NAME	MINIMUM CAR WEIGHT (kg) (**)					
	Initial	SB (race-1)	SB (race-2)	SB (champ.)	offset (**)	final
TF SPORT - #33	1247	10		10	0	<b>1267</b>
TEAM PROJECT 1 - #46	1269					<b>1269</b>
CETILAR RACING - #47	1270	5		5		<b>1280</b>
AF CORSE - #54	1270					<b>1270</b>
TEAM PROJECT 1 - #56	1269					<b>1269</b>
IRON LYNX - #60	1270					<b>1270</b>
DEMPSEY-PROTON RACING - #77	1269					<b>1269</b>
AF CORSE - #83	1270	15		15		<b>1300</b>
IRON LYNX - #85	1270					<b>1270</b>
GR RACING - #86	1269					<b>1269</b>
DEMPSEY-PROTON RACING - #88	1269					<b>1269</b>
ASTON MARTIN RACING - #98	1247					<b>1247</b>
D'STATION RACING - #777	1247					<b>1247</b>

**Notes:**

*Adjustments are made with:*

- the waivers required;
- with the data provided by the manufacturers;
- with the information provided by the manufacturers;
- with analysis made by FIA/ACO.

*(\*): weight including camera (or dummy) equipment*

*(1): the previous value is referring to the previous BOP*

*(2): the adjustments are related to the changes done for this BOP*

*(\*): weight including camera (or dummy) equipment*

*(\*\*): for tyre safety boundaries*