WEC COMMITTEE

TO: ☒ Teams ☒ Manufacturers

CATEGORY: ☐ Hypercar ☐ LMP2 ☒ LMGTE Am

DECISION N°: WEC_2023_D0045_LMGTE_Refuelling_LEMANS_Amended

DATE: 30/05/2023 **FROM:** The WEC Committee

SUBJECT: Refueling procedures in the LMGTE Am for the Le Mans Competition

APPLICABLE REGULATION

Article 6.3.2 ☒ *2023 Le Mans Supplementary Regulations*

DECISION

The calculation and application of LMGTE Am refuelling times for the Le Mans competition are detailed below.

1- The maximum onboard fuel volume is established in the BOP.

For LMGTE Am, the maximum onboard fuel volume can only be checked after the race.

2- During the race, the refuelling time (for all refuelling pitstops) must be more than:
$T_{\text{refuelling time}}\ (s) > (\ N_{\text{number of laps completed since the last refuelling}}\ (-) \times K_{\text{coefficient of second per lap completed}}\ (s)\ )$

In LMGTE Am, **K= 3.0 s** and therefore after 14 laps the minimum refuelling time will be 42 s.

For the first stint, the calculation will count from last refuelling prior to the lap to the grid before the start of the race.
For last stint, the calculation will stop in parc fermé.
All cars must have sufficient fuel to drive to parc fermé and undertake a fuel sample if required.

3- During the race, if a Competitor is refuelling under Full Course Yellow, the minimum refuelling time must be:
$T_{\text{refuelling time}}\ (s) > [\ (\ N_{\text{number of laps since last refuelling under green}}\ (-) \times K_{\text{coefficient of second per lap completed}}\ (s)\ ) - T_{\text{Art.14.5.2}}\ ]$

As example, T2 for LMGTE Am should be: T2 > [(14 + 2) x 3.0 – 4.8]

RUN (n-1)	PITSTOP (n-1)	RUN (n)	PITSTOP (n)
	under Art.14.5.2	Full Course Yellow	mandatory pitstop
14 laps	T1 = 4.8 s	2 laps	T2

4- During the race, if refuelling time is less than the above defined minimum refuelling time by an amount of T_{short}, the Competitor must extend (at his initiative) the next refuelling time by:
$P_{\text{time self-penalty}}\ (s) = (\ T_{\text{short}}\ (s) \times 4_{\text{penalty coefficient}}\ ) + 5$

If the last refuelling time of the race is less than the above defined minimum refuelling time by an amount of T_{short}, a time penalty of
$P_{\text{time penalty}}\ (s) = (\ T_{\text{short}}\ (s) \times 4_{\text{penalty coefficient}}\ ) + 5$ will be applied to the classification of the race.

5- By delegation of the Panel of Stewards (but without prejudice of the Technical Delegates' right to resort to it) any breach of the above rule will result in an added pit lane time penalty of :
$P_{\text{time penalty}}\ (s) = (T_{\text{short}}\ (s) \times 4_{\text{penalty coefficient}}) + 15$

6- Refuelling times will only be monitored using the fuel coupling sensor signal.

It is the Competitor's responsibility to ensure that the sensor's signal is correct. Any failure to do so will result in an immediate obligation to fix the problem. Any power cycle done during refuelling will result in a not compliant refuelling time.

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 event(s)**