TO:  ☒ Teams  ☒ Manufacturers  

CATEGORY:  ☒ Hypercar  ☐ LMP2  ☐ LMGTE Am  

DECISION N°: WEC_2023_D0041_Hypercar_Gear changing_Amended  

DATE:  30/05/2023  FROM: The WEC Committee  
SUBJECT:  Gear changing for Hypercar category  

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### APPLICABLE REGULATION

- Article 5.1.2  ☒ 2023 Le Mans Hypercar Technical Regulations  
- Article 5.1.2  ☒ 2023 LMdH Technical Regulations  

### DECISION

Following the Technical Wording group, the WEC Committee will adapt the Technical Regulations as follows:

- Instantaneous gearshifts are forbidden. Gearshifts must be distinct sequential actions where the extraction of the actual gear engagement is subsequently followed by an insertion of the target gear engagement.  
- Only one single barrel shift mechanism or one H-pattern gearshift mechanism is permitted. The gearshift mechanism must operate all forward gears, the reverse gear may be operated by a separate actuation system.  
- An engine cut must be applied for a minimum of 30 ms during upshift, meaning the average over 30ms of the sum of the torques given by the 2 rear driveshaft torque sensors must be lower than 50% of the torque given by the same torque sensors just before the shift happens.  
- During this 30 ms engine cut, the average of IVT sensor signal must be lower than 10 kW and higher than -10 kW.  

### 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) only  

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Any decision taken by the WEC Committee is not subject to appeal.  