



IWSC TECHNICAL BULLETIN #24-14c2

To: All IMSA WeatherTech SportsCar Championship Participants
From: IMSA Competition
Date: January 8, 2024
Re: IMSA DBC Updates – GTP, GTD, GTD-PRO **Corrected**

Bosch and IMSA have published updated CAN database files that can be downloaded [here](#). This change is effective immediately and IMSA expects full implementation for the Daytona ROAR Event.

DBC Change Log

IMSA_CAN2Public_TeamECU_rev13r.dbc

- General comment updates to class specific requirements, some messages previously labeled GTP Only, will now be required where the sensors are fitted in GTD and GTD Pro.
- 0x232
 - o Corrected message Type from signed to unsigned
Message is unsigned with an offset
- 0x233
 - o Corrected message Type from signed to unsigned
Message is unsigned with an offset
- 0x235
 - o Reinserted GTD only comment
This is a GTD and GTD-PRO only message
- 0x249
 - o Updated comment to include Pitot measurement message requirements:
In clear air, with no cross, head, or tail wind, the average of
 $(0.5 * \rho * Team_Pitot_Press^2) / \text{vehicle speed}$ over a lap should be equal to 1.

Continued on following page

One Daytona Blvd.
Daytona Beach, FL 32114
P: +1 (386) 310-6500





One Daytona Blvd.
Daytona Beach, FL 32114
P: +1 (386) 310-6500



TECHNICAL BULLETIN

0x250

o Updated comment to swap bit 5 and 6.

- Bit 0 = Power PU Illegal limit
- Bit 1 = ERS Deploy Spd under limit/50 Hz Violation (LMDh)
- Bit 2 = pBoost/Delta Torque limit (HYP)
- Bit 3 = Cockpit temp limit
- Bit 4 = Hybrid pwr limit (LMH)/50 Hz Regulated(LMDh)
- Bit 5 = Shift Cut Violation
- Bit 6 = Fuel/Energy Stint limit
- Bit 7 = Regen Energy limit

IMSA_CAN2Public_TeamECU_GTD_rev1r.dbc

0x233

o Corrected message Type from signed to unsigned
Message is unsigned with an offset

• This CAN database file represents the required messaging for the Single Public Bus Option described in 4.1.3 of the Bosch Scrutineering Manual for the GTD and GTD Pro Classes. Only messages pertaining to the GTD and GTD Pro Classes will be sent from the Scrutineering Logger. All team ECU messages are required where the sensors are fitted in GTD and GTD Pro, unless otherwise specified in the comments of the message.