

What is "Yaw Control via Engine" and "YC Brake Control"?

Question:

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Answer:

1. A yaw control via engine stability event records that the truck attempted to correct yaw by way of engine control, whether that be acceleration, deceleration, or otherwise.
 - a. State Signal which indicates that the Yaw Control (YC) has commanded engine control to be active. Within the physical limits, YC attempts to prevent yawing of the vehicle. Active means that YC actually tries to control the engine. This state signal is independent of other control commands to the engine which may have higher priority.
2. A yaw control/brake control is a state signal which indicates that Yaw Control (YC) has activated brake control. Active means that YC actually controls wheel brake pressure at one or more wheels of the vehicle or vehicle combination. Within the physical limits, YC attempts to prevent yawing of the vehicle.

YCb = Yaw Control brake

YCe = Yaw Control engine

ROPe = Roll Over Protection via engine

ROPb = Roll Over Protection via brake

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