

ISO11992 Developments

The following represents the status of ISO11992 following the requests made by the EVSC Group and representation made at the TF-4 meeting held on 25 January 2006.

VDC Active Definition:

The definition has been amended as follows:

6.4.2.2.3.6.

“VDC (Vehicle Dynamic Control) means an electronic “vehicle stability function” which is a function within the braking system and reacts to stabilise the vehicle during dynamic manoeuvres. VDC includes Roll-Over Control or Directional Control.

The parameter “VDC Active” shall only be set when a “vehicle stability function” event occurs where the intent is to impact on vehicle stability. Interventions by the “vehicle stability function” in any process designed to determine the physical characteristics of the vehicle are not considered to be “VDC Active” events.

Signals Requested by the EVSC Group:

Have separate messages that independently define semi and centre axle trailers –
included in the current draft (EBS24 bytes 1 & 2)

Trailer does/does not support braking via the electric control line
– included in the current draft (EBS22 byte 4 bits 7 – 8)

Request to reduce engine power – VDC Roll over control active – ***No longer required***

Signals that are to be introduced into the Standard:

Towing Vehicle to Trailer:

- Towing vehicle is/is not equipped with directional control. ^{1/}
- Towing vehicle is/is not equipped with roll over control. ^{1/}
- Request for the trailer roll over control to be disabled ^{2/}
- Request for the trailer directional control to be disabled ^{2/}

Trailer to Towing Vehicle:

- Trailer is/is not equipped with a directional control.
- Trailer roll over control has/has not been disabled ^{2/}
- Trailer directional control has/has not been disabled ^{2/}

1/ TF4 will combine these signals into one group.

2/ There was a request from industry that the repetition rate of these signals should be 0.010secs to align with the repetition rate of the demand from the tractor for independent front/rear or left right braking. However this would result in an unacceptable bus load and may cause operating problems. TF4 is to give consideration as to how this can be resolved.

