

Specifications

Each vehicle with a DSSAD shall meet the requirements specified below:

2.2. Data elements

Each vehicle equipped with a DSSAD shall store the data elements listed below:

~~Original : [only one time stamp is allowed if the time stamp would be identical for more than one [significant] interaction]~~
~~Proposal 1 : Single time stamp may be allowed for multiple elements recorded simultaneously.~~

- ✧ Time stamped switches of the ALKS from a status to another status
- ✧ Time stamped Transition Demand by the ALKS, ~~including the identification whether the transition demand is requested by planned or unplanned event~~
- ✧ Time stamped Minimal Risk Maneuver engagement by the ALKS
- ✧ Time stamped Override through steering, brake, and accelerator control by the driver
- ✧ Time stamped Driver not available
- ✧ ~~Time stamped System failure~~
- ✧ ~~[Other data elements?]~~

~~Additional elements may be required at the national level.~~

2.3. Data format

Each data element listed in paragraph 2.2 shall be recognized without any possible confusion by the ~~[standardised format China: format]~~ chosen by the manufacturer]. Each timestamp attached to this data shall enable to determine when the interaction occurred with ~~[the resolution of at least 1 second]~~~~specified time stamp accuracy requirements]~~.

2.4. Data storage

2.4.1 DSSAD shall be able to store ~~[2500]~~~~minimum number OR minimum~~ time stamped interactions or ~~[minimum number OR minimum]~~6 months] period of use, whichever is achieved first.

Once these storage limits of DSSAD are achieved, additional data storage may erase the previous data.

~~2.4.2 Notwithstanding paragraph 2.4.1, data shall be stored according to national or regional law.~~

~~2.4.3~~ The DSSAD ~~[shall/may]~~ be fitted with an embedded hardware, allowing authentication and access to the over the air (OTA) interface.

Formatted: Font: 12 pt

Formatted: Normal, No widow/orphan control, Don't adjust space between Latin and Asian text, Don't adjust space between Asian text and numbers

Formatted: Font: 12 pt, Not Highlight

Formatted: Font: (Default) +Body (Calibri), 12 pt

Formatted: Font: 12 pt, Not Highlight

Formatted: Line spacing: single, No widow/orphan control, Don't adjust space between Latin and Asian text, Don't adjust space between Asian text and numbers

Formatted: Font: 12 pt

Formatted: Font: 12 pt, Font color: Auto

Formatted: English (United States)

Formatted: Normal, No widow/orphan control, Don't adjust space between Latin and Asian text, Don't adjust space between Asian text and numbers

Formatted: Font: 12 pt

Formatted: Font: 12 pt, English (United States)

Formatted: Font: 12 pt

Formatted: Strikethrough

Formatted: Not Highlight

Formatted: Not Highlight

Formatted: Font: (Default) +Body (Calibri), 12 pt, Not Bold, Font color: Auto

Formatted: Font: (Default) +Body (Calibri), 12 pt, Not Bold, Font color: Auto

2.2.5. Data retrievability

The data shall be retrievable by ~~{commercially available tool or electronic communication interface [2.11.6]}~~. If the main onboard vehicle power supply is not available, it shall be possible to retrieve stored timestamped data from the DSSAD.

~~Even after an impact {test procedures to be named R94/95 or equivalent test procedure},~~ it shall be possible to retrieve timestamped data stored from the DSSAD.

[2.6. Protection against manipulation

It shall be ensured that there is adequate protection against manipulation of stored data such as anti-tampering design.] ~~Deleted if the requirement for Cyber Security is introduced into ALKS,~~

2.7. Information to the {driver ~~or~~ vehicle owner}

Information provided to the {driver ~~or~~ vehicle owner}, if any, ~~shall~~ will be issued based on an issue if national oe regional law.

~~2.*~~

~~{Interaction is defined as xxx}~~

Formatted: Font: (Default) +Body (Calibri), 12 pt

Formatted: Font: (Default) +Body (Calibri), 12 pt

Formatted: Font: (Default) +Body (Calibri), 12 pt

Commented [NH1]: e.g. FMVSS 208、 214

Formatted: Font: 12 pt

Formatted: Font: (Default) +Body (Calibri), 12 pt

Formatted: Font: (Default) +Body (Calibri), 12 pt

Formatted: Font: (Default) +Body (Calibri), 12 pt