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: [only one time stamp is allowed if the time stamp would be identical for more than one [significant] interaction]

* Time stamped switches of the ALKS from a status to another status
* Time stamped Transition Demand by the ALKS
* 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**:chosen by the manufacturer]. Each timestamp attached to this data shall enable to determine when the interaction occurred with [specified time stamp accuracy requirements].

2.4. Data storage

2.4.1 DSSAD shall be able to store [minimum number OR minimum] time stamped interactions or [minimum number OR minimum] 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.**

**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], 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.]

2.7. Information to the [driver OR vehicle owner]

Information provided to the [driver OR vehicle owner], if any, will be an issue if national law.

2.x

[Interaction is defined as xxxx]