

Data storage

| Data | Format/example | Explanation/Goal |
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| 1. VIN | Alphanumeric [A-Z; 0-9] Example: AAAAAA654398GFRDE | Identification of the vehicle |
| 2. Positioning Data | Data in global positioning system: Longitudinal and lateral position [±ddd.ddddd, in ± degrees (°) und decimal degrees, 5 places after decimal point] Altitude in meters | Location to identify local limits and environmental conditions for incidents that triggered assistance requirements or errors |
| 3. Count and operation times of the ADS | Count, Date (year:month:day), time (hour:minute:second), Example: 2019-07-16, 05:25:12 | Identification of entity in charge of dynamic driving task at time of events |
| 4. Count and point in time of remote approval of alternative manoeuvres | Count, date (year:month:day), time (hour:minute:second) | Identification of incidents that triggered the system to require assistance |
| 5. System monitoring data and software version | Alphanumeric [A-Z; 0-9] and explanation Example: P0601 engine control unit – checksum error in ECU memory | Identification of events that triggered errors or system immanent errors that triggered events |
| 6. Environmental and weather data | Temperature/°C, lightness/lux, windshield wiper on/off | Identification of conditions that triggered errors or events |
| 7. Connectivity data | Connectivity parameters such as latency and bandwidth | Identification of conditions that triggered errors or events |
| 8. Activated and deactivated safety systems, status of the systems, trigger | Emergency breaking system, active, trigger | Reaction of automated subsystem to events and incidents |
| 9. Lateral and longitudinal acceleration | Numeric in meters per second-square | Identification of vehicle conditions and reaction to input during events |

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| 10. Velocity | Numeric in meters per second | Identification of conditions that triggered errors or events |
| 11. Status of illumination systems | Left indicator light on/off Daytime running light on/off | Identification of conditions that triggered errors or events |
| 12. Status of the electric power supply | Numeric in volts | Identification of conditions that triggered errors or events |
| 13. External commands sent to the automated driving system | Send commands and metadata such as: file/packet size, format, source, destination, time of transfer | Traceability of external commands and information which lead to events or incidents |