

The Vehicle is Categorized by the type of Autonomous Driving System equipped on the vehicle

- Based on the type of system, the data elements to be recorded will be specified
- Try not to duplicate Data Elements in vehicle categories
- Data Element recording interval, resolution, range to be specified as a minimum requirement

All Vehicles EDR (A) – for Crash Reconstruction

- Vehicle Speed
- Service Brake
- Accelerator Pedal % Full ...

Vehicles equipped with ADS w/o a User EDR (B1) for Crash Reconstruction

- ADS Requested Lateral Motion Control
- ADS Requested Longitudinal Motion Control
- ADS Requested Exterior Lighting ...

Vehicles equipped with ADS with a User EDR (B2) for Crash Reconstruction

- ADS Mode -(DDT (nominal), DDT fallback (non-nominal), Request to intervene, Minimal risk maneuver, Not-operating)
- ADS Fallback User Intervention
- ADS HMI Status ...

ADS System Performance Monitoring/In-Service Monitoring reported by Manufacturer

- Data Element recording is the total number of times a Flag(s) have been set during the reporting period of time. Does not require recording interval, resolution or range to be specified

DSSAD -Vehicles equipped with ADS w/o a User (C1) for In-Service Monitoring

- ODD Lost Flag
- Near Miss Flag
- AEB Flag ...

DSSAD -Vehicles equipped with ADS with a User (C2) for In-Service Monitoring

- Driver Over-ride Flag (Steering, Accelerator, Brake)
- Inattentive Driver Flag
- Passenger-Initiated Emergency Stop (PES) Flag (if equipped)...