

EDR Final Rule and Petitions for Reconsideration

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Event Data Recorders Final Rule

Event Data Recorder (EDR) final rule published August 28, 2006

- Established uniform set of criteria for EDRs voluntarily installed in vehicles
- Required standardized statement in owners manual to notify consumers that vehicle is equipped with EDR and outlining its functions
- Petition for reconsideration period ended October 12, 2006



2



Event Data Recorders Final Rule

Standardized 15 data elements for EDRs voluntarily installed in vehicles

- Delta-V
- Vehicle speed indicated
- Engine throttle
- Status of service brake, seat belts, and air bag systems
- Ignition cycle at time of event and download
- Number of events recorded, and
- Timing of events



3



Event Data Recorders Final Rule

Standardized format for additional 30 data elements if recorded by EDRs voluntarily installed in vehicles

- Accelerations
 - Longitudinal, lateral, and normal
- Lateral delta-V
- Vehicle safety systems status (ABS, stability control, etc.)
- Air bag deployment times and stages
- Occupant classifications and positioning



4



Event Data Recorders Final Rule

Standardized notification statement in vehicle owner's manual

- Inform consumer of presence of EDR in vehicle
- Identify the purpose of the EDR
- Identify the type of data collected by the EDR



5



Petitions for Reconsideration

Agency received 8 petitions for reconsideration and over 400 comments on the final rule

Petitions addressed 7 basic areas of the final rule

- Event data storage
 - Storage in case of multiple events
 - Event Recording Intervals
 - Reusability of EDRs
- Sensor range and accuracy
 - Wider sensor tolerancing
 - Alternative data element ranges



6



Petitions for Reconsideration

Petitions addressed 7 basic areas of the final rule

- Data format
 - “Recorded” vs. “Reported” data
 - Data filter class
- Data survivability and retrieveability
- Required data elements
- Effective date, and
- Public privacy and notification



7



For More Information

NHTSA Website:

www.nhtsa.gov

Docket Management System (DMS)

Docket number 25666

<http://dms.dot.gov>



8

