



Railroad Safety Advisory Committee



Inward- and Outward-Facing Recording Devices Mounted in Controlling Locomotive Cabs (RSAC Task No. 14-01)

to the

51st Railroad Safety Advisory Committee Meeting

March 6, 2014
Washington, DC



Task No.: 14-01



Purpose:

To develop regulatory recommendations addressing the installation and use of inward- and outward-facing recording devices in controlling locomotive cabs. The recommendations should address installation requirements and timelines, technical controls, recording retention periods, retrieval of recordings, controlled custody of recordings, crashworthiness standards at least equivalent to those for locomotive event recorders, use of recordings for accident investigation and railroad safety study purposes, and use of recordings to conducting operational tests.



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Background:

In light of NTSB Recommendations R-10-1, R-10-2, and recent accidents, FRA believes it is appropriate to evaluate the adoption of regulations addressing inward- and outward-facing locomotive recording devices to advance railroad safety. Recordings would be utilized to assist in post-accident/incident investigations (railroad, highway-rail grade crossing, and trespasser), to assist in evaluating railroad employee fatigue, distraction, and crew interactions, for use as a training tool for railroad employees, and for use in conducting operational tests of railroad employees.



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Description:

- NTSB Recommendations R-10-1 and R-10-2
- 49 CFR Part 229-Railroad Locomotive Safety Standards
- 49 CFR Part 218-Subpart D, Prohibition against Tampering With Safety Devices.
- 49 CFR Part 217-Railroad Operating Practices
- Railroad Accidents, e.g., Chatsworth, CA, Goodwell, OK, Bronx, NY.



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Issues requiring specific report:

- All matters related to the development of regulatory standards governing the installation and use of inward- and outward-facing recording devices in controlling locomotive cabs, including economic data required for regulatory analysis.



Questions?

