



U.S. Department of  
Transportation

Federal Railroad  
Administration

**Railroad Safety Advisory Committee Task Statement:  
Inward- and Outward-Facing Recording Devices Mounted in Controlling Locomotive Cabs**

**Task No.: 14-01**

**Date initially presented to the RSAC:** March 6, 2014

**Purpose:** To develop regulatory recommendations addressing the installation and use of 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, use of recordings for accident investigation and railroad safety study purposes, and use of recordings in conducting operational tests.

**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, and for use as a training tool for railroad employees and in conducting operational tests of railroad employees.

**Description:** Review and evaluate the following:

- 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.

**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.

**Other Issues:**

**Refer to/establish following working group:** Inward/Outward-Facing Recording Device Working Group

**Target Dates:** Report recommendations to the Committee by April 1, 2015

**Disposition:** Accepted

**Accepted Date:** March 6, 2014