



**California Public  
Utilities Commission**

# FY2009/2010 ROSB Endeavors

***Rail Operations and Safety Branch***

***Consumer Protection and Safety Division***





# RSSIMS

- Rail Safety & Security Information System
  - Prototype is currently being built
  - Serves all three rail sections
  - Complements and may link to the FRA DASH system
  - General Order defects & violations
  - Accident investigations
  - Near-Miss Data Analysis
  - Suicide hotspots
  - Rulemakings and resolutions





# Safety – 24 Hours a Day

- ROSB supports around the clock coverage
  - ROSB safety inspection efforts and testing during non-conventional work hours has increased from 2% to 15%
  - Supervisors work with inspectors to include night and weekend inspections into their 40-hour week
  - Due to budget constraints, ROSB inspectors receive no incentive pay for night and weekend work
  - Safety initiatives don't cease at 5:00 p.m.

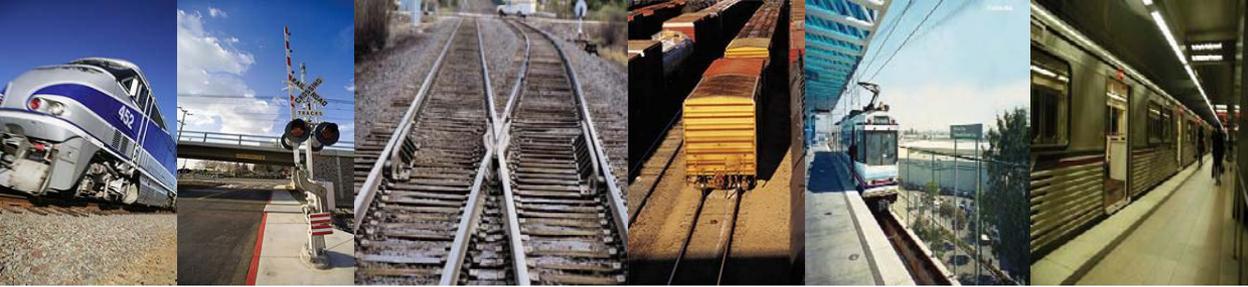




# Major Derailments

- Tehachapi Derailment - 2/20/2010
  - ROSB Track Inspector was first on the scene
  - Explosion and fire forced evacuation of nearby homes
  - ROSB staff updated and worked with FRA throughout the 3 day event
  - Primary cause determination: train handling





# Major Derailments

- Miramar Derailment – 3/15/2010
  - Identified “local hazard site”
  - Auto racks “stringlined” on a 10 degree curve
  - Railroad consulted with Rail Sciences
  - Cause determination: failure of distributive power





# Initiatives

- Red Signal Violation Initiative
  - Investigate red signal violations involving passenger trains as if they are accidents
  - Identify contributing factors
  - Amtrak 1 and Amtrak 3 near miss at Colton Diamond
  - Inspection of all diamonds in California to assess signal aspects





# Initiatives

- Oversight of Metrolink
  - ROSB Inspector assignment to oversee Metrolink's transition from Connex to Amtrak
  - Monitor Metrolink's progress with PTC implementation
  - Assessment of Metrolink's Dispatching Center
  - Interact with Metrolink's new CEO, executive staff and Board members





# Short Line Railroads

- California Short Line Railroad Association (CSLRA)
  - ROSB participation in the Annual Meeting of the CSLRA in July 2010
  - ROSB update of attendees on the latest federal and state rail safety initiatives and rulings
  - ROSB's annual security inspections of all short line railroads





# Quarterly Meetings

- Meet with BNSF Railway & Union Pacific Railroad on a quarterly basis
  - Senior Management - Regional Vice President and General Manager
  - Discuss issues from all viewpoints
  - Update on current endeavors such as PTC, shared corridors, signage
  - Two-way positive feedback

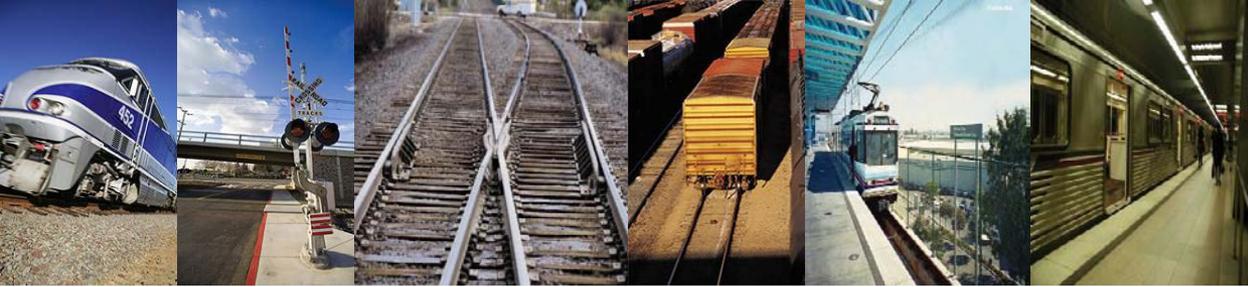




# PTC Progress In LA Basin

- Agreement to implement Positive Train Control by January 1, 2013
  - BNSF is beginning installation of ETMS in the LA Basin
  - UP & Metrolink are updating ROSB quarterly regarding their PTC progress
  - Tracking industry progress including data radio development & interoperability issues





# High Speed Rail

- CPUC's High Speed Rail (HSR) Team
  - Attend HSR meetings
  - Monitor changes in route proposals
  - Monitor mixed corridor issues
  - BCP requesting a senior engineer and a senior analyst to fully participate in HSR plan progress
  - Work with Parsons-Brinkerhoff regarding new state General Orders





# CPUC Upcoming Events

- Hosting West Coast SOFA Safety Summit
  - Working with FRA to include Labor, Senior Railroad Management, short lines, & government officials
  - Arranging hotel accommodations
  - Providing facilities for the SOFA Summit and for the working group meetings
  - Showcase the excellent work of the SOFA group





# CPUC Upcoming Events

- Director Clark's invitation to Metrolink CEO John Fenton to speak before the Commission
  - Positive & informative event for Californians attending in person or via podcast or streaming webcast
  - Will bring positive attention and credibility to ROSB's ongoing safety endeavors
  - Showcase positive safety initiatives being put in place in California and nationally

