

Metro Blue Line Performance

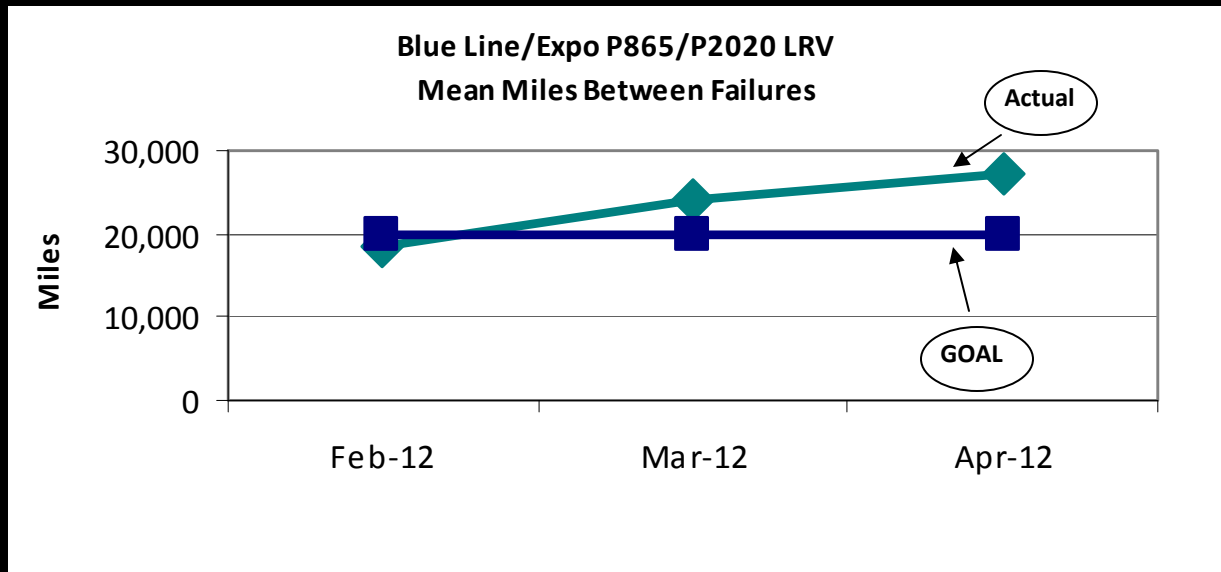
Systems Safety and Operations Committee

May 17, 2012



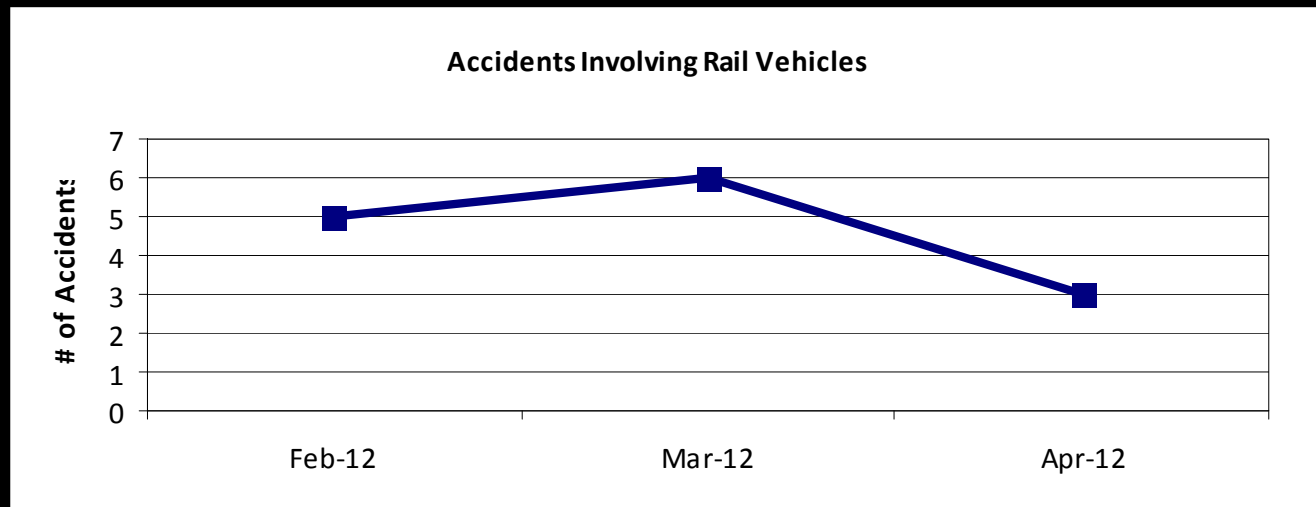
Metro

MBL Fleet Performance



- We are currently above our goal of 20,000 miles
- We have been continuously increasing our MMBF on the Blue Line Light Rail Vehicles since Feb 2012

Accidents

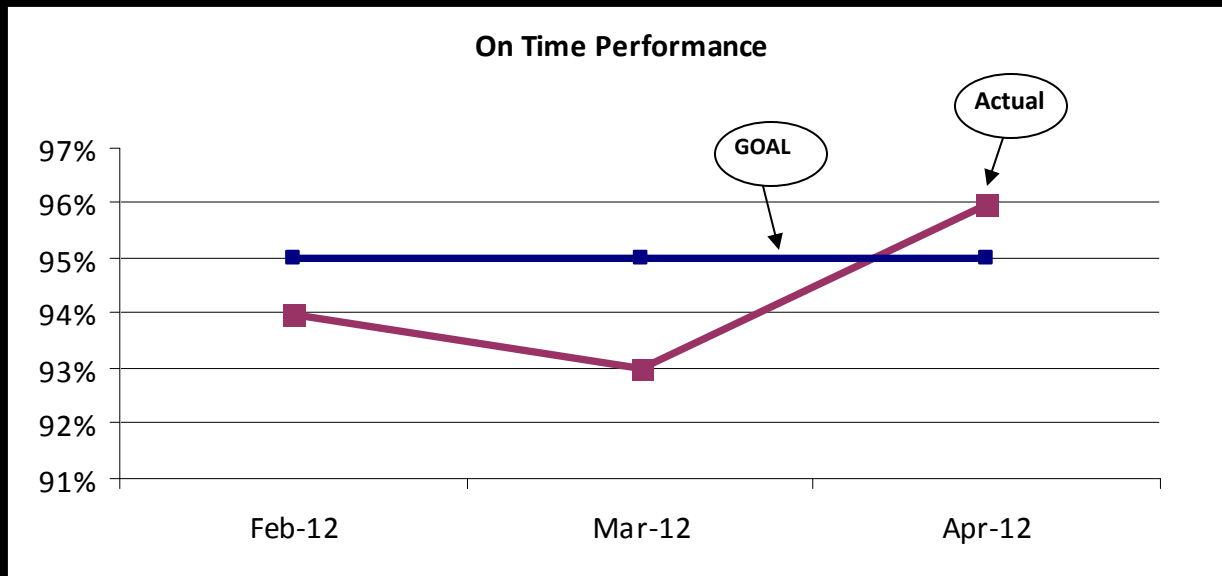


DOWN IS GOOD!!!



- Sheriff's department has increased monitoring of illegal left hand turns by motorists in known problem areas
- Increased instructional supervisory staff on board trains to ensure compliance with safety rules and regulations
- Re-established monthly Operations Safety Steering Committee to review accidents and safety violations

In Service On Time Performance



- For April, Blue Line OTP is above our target of 95%, and at 96%
- We continue to teach operators importance of time awareness

Blue Line Projects-Completed

- Rehabilitated and rebuilt track and pavement at grade crossings along the Metro Blue Line between Washington and Willow
- Overhauled all switch machines on the Metro Blue Line
- Replaced obsolete train control equipment
- Replaced existing fiber optic cable along entire rail line with a new higher capacity cable
- Installed 132 sets of Between Car Barriers
- Upgraded the UPS (Uninterruptible power source) cabinets along Long Beach loop
- Implemented Rail Station Cleanliness Program
- Added, upgraded and replaced station penal code, ADA, warning and station identification
- Completed 5 friction brake overhauls, 47 traction motors on 23 cars, 16 vital relays on 4 cars, motor alternator circuit breaker #1 train line reset on 42 cars



Blue Line Projects-In Process

- Replace and re-insulate rail in Long Beach
- Replace and upgrade passenger information equipment
- Assessment of train control equipment identified obsolete equipment in need of replacement
- Retrofitting the overhead catenary system to keep wire up even if insulators break
- Fleet appearance upgrades with interior and exterior graffiti removal and painting
- Improving landscaping, vegetation and irrigation systems at all stations
- Completing station painting rehab at 11 of 22 stations
- Replacing 20 existing traction power substations approaching their end-of-life
- Rehabilitate station Canopies
- Procuring new digital radio system
- Began component level overhaul- to improve fleet reliability and appearance; car body, couplers, passenger doors, HVAC, propulsion, pantograph, motor alternator, trucks, friction brakes, and automatic train protection