Fixed-route Bus Service

• Performance Statistics
• Bus Maintenance
  – Daily Cleaning
  – Inspection
  – Hi-tech
  – Training
• Summary
Average Weekday Ridership

FY2011
FY2012

New Farebox Collection System - July 2011
Monthly Farebox Revenue

FY2011

FY2012

New Farebox Collection System - July 2011
Missed Schedules

Annual Total
FY2007 94
FY2008 81
FY2009 48
FY2010 53
FY2011 61

434,000 annual trips
On-time Performance

- Goal: 85%
- CUB Contractor

Graph showing the on-time performance from July 2009 to February 2012, indicating the performance trend of SamTrans, Goal 85%, and CUB Contractor.
Fleet Reliability

135 new buses
summer 2010

Average Miles Between Service Calls

Goal (19,000 Miles)

Average Miles Between Service Calls

- Average Miles Between Service Calls
- Goal (19,000 Miles)
Bus Maintenance - Daily Cleaning

Each night the buses are fueled and cleaned - both interior & exterior

- Utility Worker uses air wand to blow debris to front of bus
- Floors are mopped with a disinfectant
- All purpose disinfectant used for areas wiped by hand
- “Adios” cleaner used to remove graffiti
- Windex is used on windows
Bus Maintenance - Daily Cleaning

• More than 77,000 buses cleaned annually
• More than 700 buses detailed annually
• Industrial cleaners – liquid soaps
• Quaternary disinfectants – bacteria, viruses, pathogenic fungi, and mycobacteria
• Aerosol cleaners
• Upholstery cleaners
Bus Maintenance - Inspection

- Lights inside & out
- Air leak
- Coolant leak
- Engine oil leak
- Transmission oil leak
- Fan drive leak
- Fuel leak
- Ride height
- Brake shoe contact
- Push rod travel
- Schedule reline
- Slack adjuster
- Back up alarm
- Lift/ramp
- Defect - down bus
Bus Maintenance – Hi-tech

Numerous computer systems on each bus:

- Engine
- Transmission
- Braking system
- Video cameras
- Destination sign
- Radio/AVL system
- Air conditioning
- Rear door
- Artic dampener
- Clean air muffler
- Farebox
- Clipper
Bus Maintenance – Hi-tech

Full brake service:
- brake shoes
- s cam bushings
- s cam shaft/activator

Clipper
Farebox revenue collection system

Hydraulic dampener keeps articulated bus riding straight – being pushed by rear wheels
Bus Maintenance - Training

- Diesel engine systems, electrical systems, hazardous materials response
- Shop safety, GFI farebox, automatic transmission, HVAC
- 24 regional mechanics through 2011 program
- 33 regional mechanics registered for 2012 program
- Realizing MTC Transit Sustainability Project strategy through better coordination with other transit systems
Summary

- Bus ridership lower than prior year, but trend may be changing for the better
- Monthly farebox revenue is up
- Missed schedules remains extremely low
- On-time performance is returning closer to historical levels
- Consumer Reports and Complaints are back to historical levels
- Fleet reliability is very high – good maintenance practices
- Realizing MTC Transit Sustainability Project strategy through better coordination with other transit systems