



Rail Fleet Services Monthly Report January 2011



Metro

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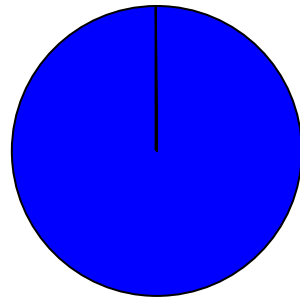
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Industrial Injuries – Lost Work Hours

January 2011

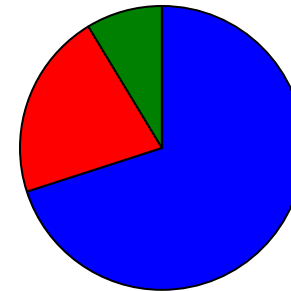
	Feb-10	Mar-10	Apr-10	May-10	Jun-10	Jul-10	Aug-10	Sep-10	Oct-10	Nov-10	Dec-10	Jan-11	Year to Date
Blue Line	160	264	256	328	424	496	472	352	352	336	368	344	4,152
Red Line	200	176	176	280	168	176	80	0	8	0	0	0	1,264
Green Line	168	136	16	3	0	56	128	0	0	0	3	0	510
Gold Line	0	0	0	0	0	0	0	0	0	0	0	0	0
Totals	528	576	448	611	592	728	680	352	360	336	371	344	5,926

January 2011 - Lost Work Hours



■ Blue Line ■ Red Line ■ Green Line ■ Gold Line

Year-to-Date Lost Work Hours



■ Blue Line ■ Red Line ■ Green Line ■ Gold Line

	Employees		January 2011 Lost Work Hours			
	Assigned	Active	Service Attendant	Maint. Specialist	Body Repairer /Painter	January 2011 Total Hrs.
Blue Line	110	107	0	176	168	344
Red Line	103	101	0	0	0	0
Green Line	46	44	0	0	0	0
Gold Line	51	49	0	0	0	0
Totals	310	301	0	176	168	344
Total Lost Work Hours for 12-months = 5,926 hours						

Rail Vehicle Accidents & Major Incidents

January 2011

Repair Costs	Feb-10	Mar-10	Apr-10	May-10	Jun-10	Jul-10	Aug-10	Sep-10	Oct-10	Nov-10	Dec-10	Jan-11	Totals
Blue Line	\$5,600	\$11,305	\$2,100	\$5,705	\$2,050	\$36,498	\$50,124	\$916	\$4,781	\$10,716	\$16,938	\$961	\$147,694
Red Line	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$562	\$0	\$562
Green Line	\$0	\$0	\$0	\$4,799	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$4,799
Gold Line	\$4,404	\$0	\$0	\$3,523	\$0	\$653	\$0	\$441	\$4,286	\$3,016	\$1,374	\$239	\$17,936
Totals	\$10,004	\$11,305	\$2,100	\$14,027	\$2,050	\$37,151	\$50,124	\$1,357	\$9,067	\$13,732	\$18,874	\$1,200	\$170,991

Rail Vehicle Accident Costs - January 2011				
Metro Blue Main Line				
2011	Incident #	Problem code	Incident Description	Cost
1/11/2011	1963765	(10-73) Train vs.Vehicle	Train #10 T-005 reports 10-73, Car (157A) 148-142 at Long Beach and Hill southbound.	189.00
2011	Incident #	Problem code	Incident Description	Cost
1/12/2011	1966524	(10-71) Train vs.Object	Car 159 strikes wheelchair on platform. Train 5, T-232 consist 164-140-159 103rd Station, Track 2 southbound.	0.00
2011	Incident #	Problem code	Incident Description	Cost
1/17/2011	1972463	(10-71) Train vs.Object	Train #3 strikes concrete debris at 92nd, loses air pressure at Century Blvd., consist 140b-127, T-264, Track 2 southbound.	189.00
2011	Incident #	Problem code	Incident Description	Cost
1/20/2011	1977583	(10-72) Train vs.Pedestrian	Train vs. Pedestrian at Wardlow grade crossing, Train 7, T-232, Track 1, (155) 149-150, northbound.	394.00
2011	Incident #	Problem code	Incident Description	Cost
1/25/2011	1980965	(10-71) Train vs.Object	Train vs. Object (car bumper), T-262, Train 7, (118A) 104-131, El Segundo GC, Track 2, southbound.	0.00
2011	Incident #	Problem code	Incident Description	Cost
1/30/2011	1982295	(10-73) Train vs.Vehicle	Train #1 at Long Beach Blvd., & 7th Street.	189.00
TOTAL FOR METRO BLUE LINE				961.00
Metro Gold Line				
2011	Incident #	Problem code	Incident Description	Cost
1/18/2011	1973151	(10-72) Train vs.Pedestrian	T-37, Train 12, cars 231-238 report patron stepping towards berthing train making contact with car mirror (238A).	0.00
2011	Incident #	Problem code	Incident Description	Cost
1/21/2011	1979484	(10-72) Train vs.Pedestrian	Train 14, Train operator T-36, Cars 706-707, Civic Center, Track 1, northbound.	239.00
TOTAL FOR METRO GOLD LINE				239.00
GRAND TOTAL				1,200.00
(10-71) = Train vs. Object, (10-72) = Train vs. Pedestrian, (10-73) = Train vs. Vehicle (10-74) = Train vs. MTA Vehicle, (10-75) = Derailment				



Metro

Service Delivery – AM/PM Pull-Outs January 2011

Cars Available for AM/PM Pull-Outs

Blue Line – Fleet Size 69 cars

Expo Line – Fleet Size 12 cars (prep for Expo service)

Weekday pull-out: 60 cars

Weekend pull-out: 36 cars

Monthly Mileage: 409,482 miles

Red Line - Fleet Size 104 cars

Weekday pull-out: 70 cars

Weekend pull-out: 48 cars

Monthly Mileage: 544,278 miles

Green Line – Fleet Size 29 cars

Weekday pull-out: 22 cars

Weekend pull-out: 14 cars

Monthly Mileage: 221,242 miles

Gold Line – Fleet Size 52 cars

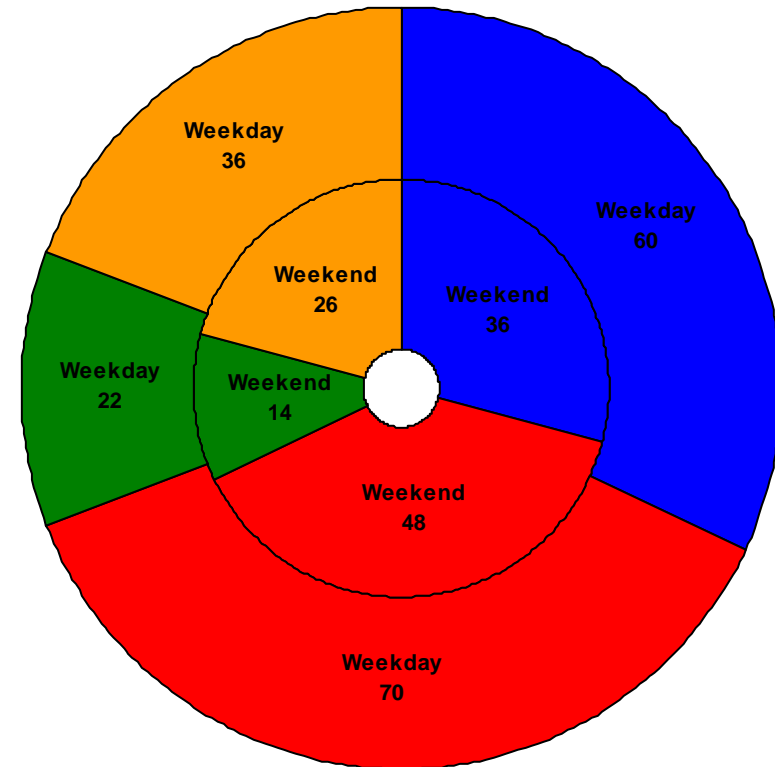
P2550 – Fleet Size 42 cars

P2000 – Fleet Size 10 cars

Weekday pull-out: 36 cars

Weekend pull-out: 26 cars

Monthly Mileage: 240,756 miles



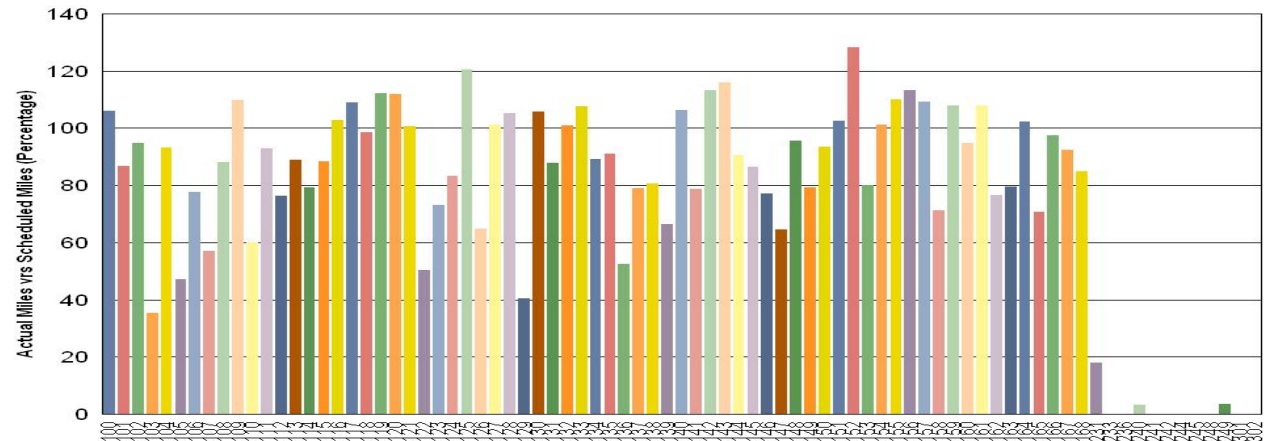
Vehicle Utilization January 2011

Metro Blue Line

Blue Line – The entire Expo Fleet (all 12 cars) are not in revenue service at this time, but are listed in our mileage chart due to adding miles and testing.

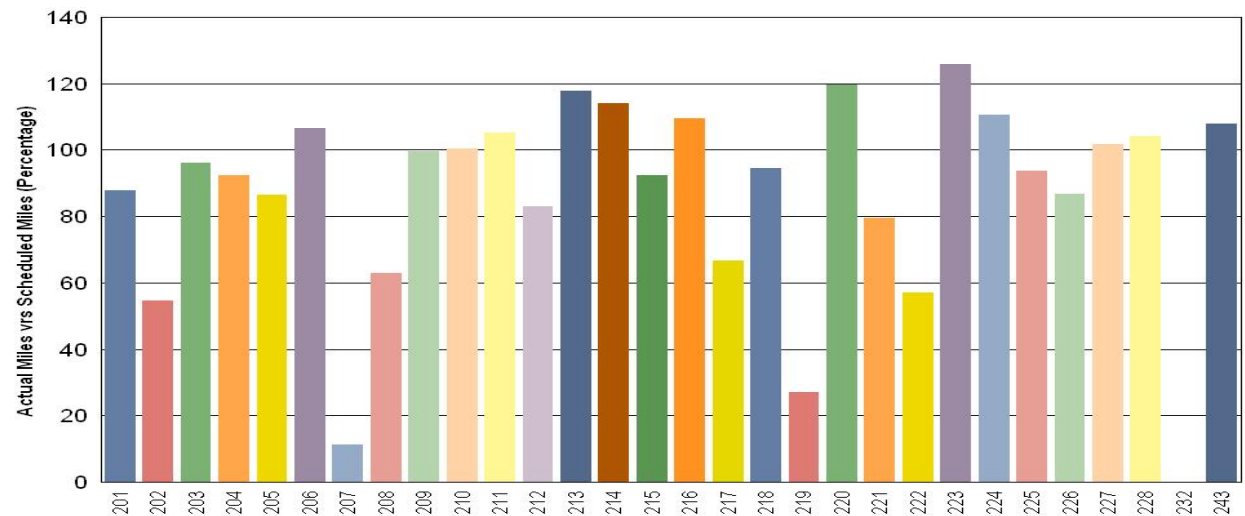
Mileage will be minimal each month until Expo opens.

Note: Percentage includes an average 4% mileage deduction for Yard mileage and Vehicle Testing.



Metro Green Line

Green Line – Vehicle 207 out of service due to inspection and overhaul work. Vehicle 219 out of service due to prop faults, flat spots, and parking brake problems. Car 232 is being used for training.

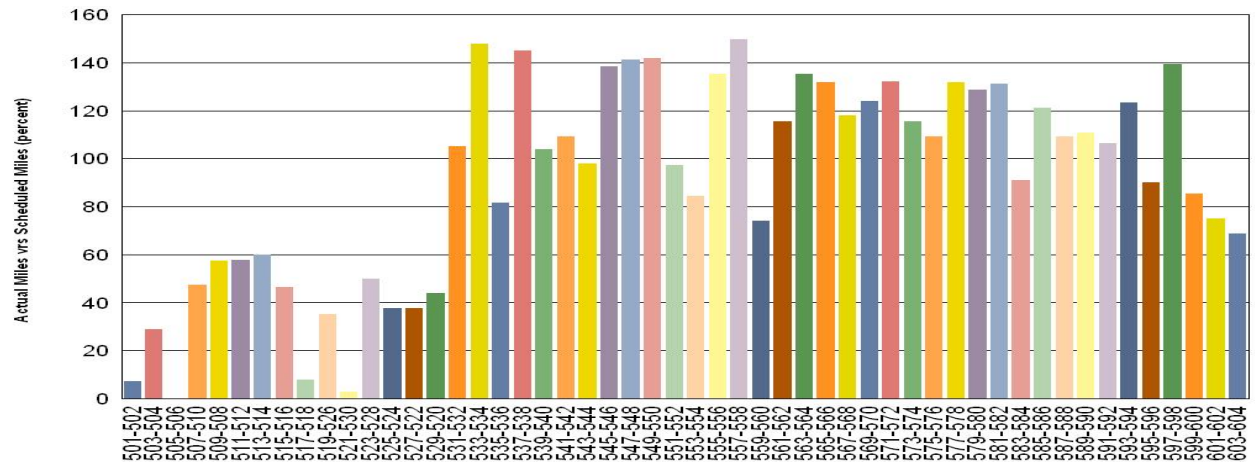


Vehicle Utilization January 2011

Red Line – Vehicles 501-502, 505-506, 517-518, 521-530, and 523-528 are flagged as low vehicle utilization due to Base-Buy fleet having propulsion and brake problems.

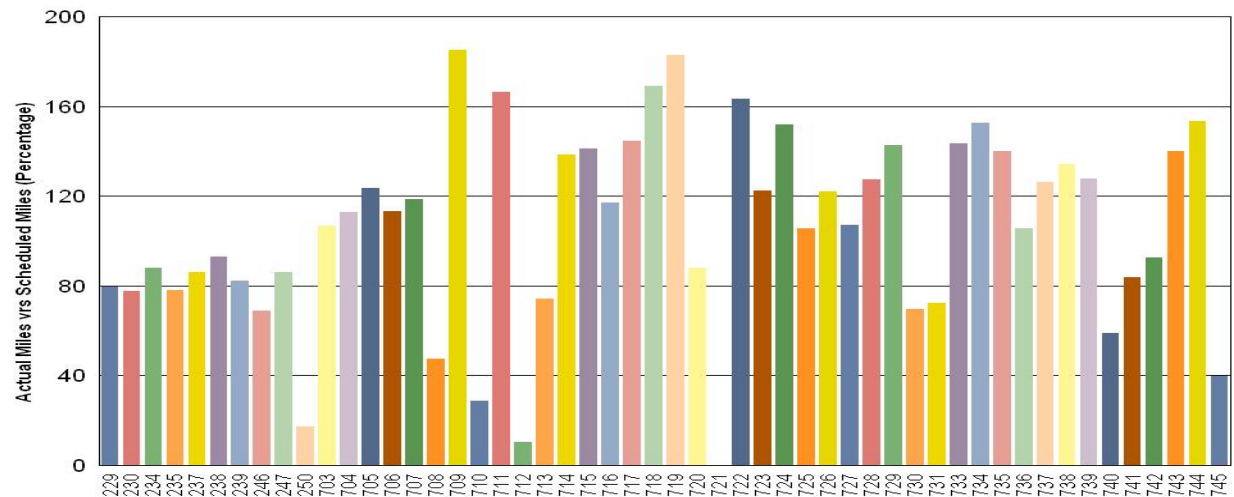
Percentage includes an average 4% mileage deduction for Yard mileage and Vehicle Testing.

Metro Red Line



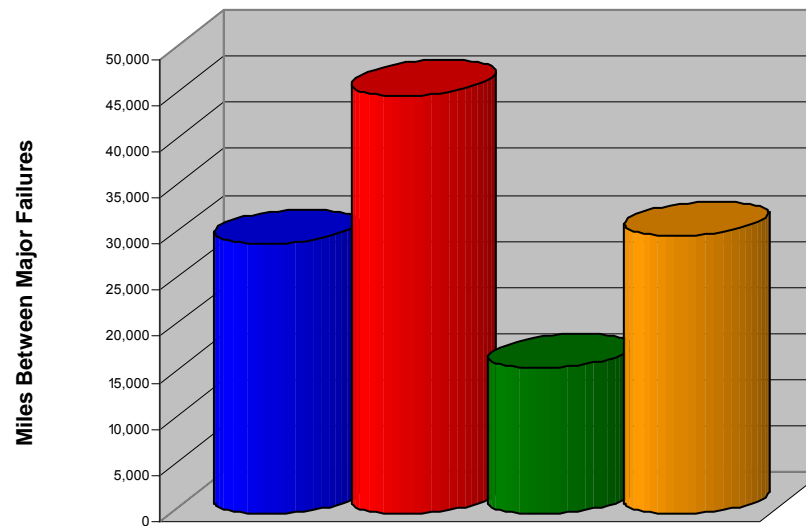
Gold Line – Vehicle 250- Mileage hold for 90K inspection and post inspection work orders. Vehicle 710 Mileage hold for 120K inspection and post inspection work orders. Vehicle 712 held for ATP warranty repair and 721 held for broken traction motor bolt, warranty repair. Both 712 & 721 were held for contractor to complete their repairs.

Metro Gold Line



Mean Miles Between Failures (Major) January 2011

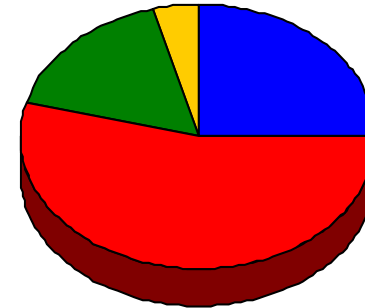
Line	Mean Miles	Major Failures
Blue	29,249	14
Red	45,357	12
Green	15,803	14
Gold	30,095	8
Siemens	11,208	3
AnsaldoBreda	41,426	5



■ Blue Line
 ■ Red Line
 ■ Green Line
 ■ Gold Line

Repeat Failures (Major) January 2011

Metro Blue Line: 6 Failures
Metro Red Line: 13 Failures
Metro Green Line: 4 Failures
Metro Gold Line: 1 Failures



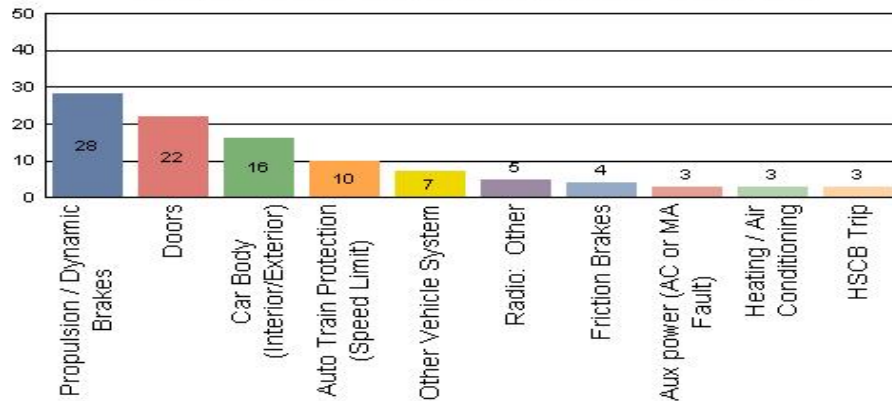
■ Blue Line
 ■ Red Line
 ■ Green Line
 ■ Gold Line

Repeater Car Details - January 2011								
System	Blue Line		Red Line		Green Line		Gold Line	
	Car #	Repeats	Car #	Repeats	Car #	Repeats	Car #	Repeats
Automated Train Protection	101	4			219	1		
Auxillary Power (AC/MA Fault)								
Destination Signs							247	1
Doors			566	1				
			596	4				
Friction Brakes			602	1				
Other Vehicle System	108	1						
Propulsion/Dynamic Brake	118	1	501	2	207	1		
			517	3	209	1		
			579	1				
			582	1				
Radio					220	1		
Trucks								
TOTALS	6		13		4		1	

Reported Incidents January 2011

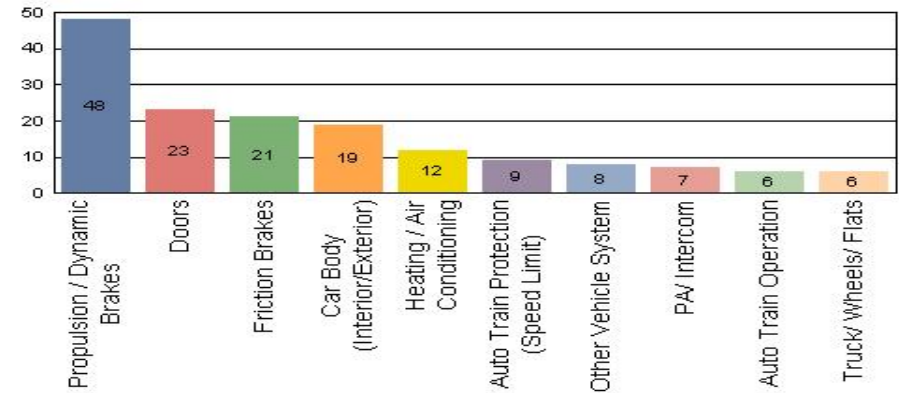
Metro Blue Line

Count of the Top 10 Incident Problems



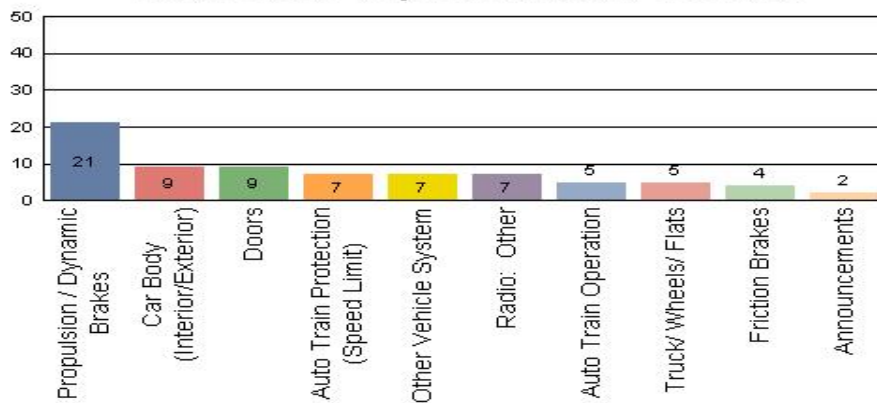
Metro Red Line

Count of the Top 10 Incident Problems



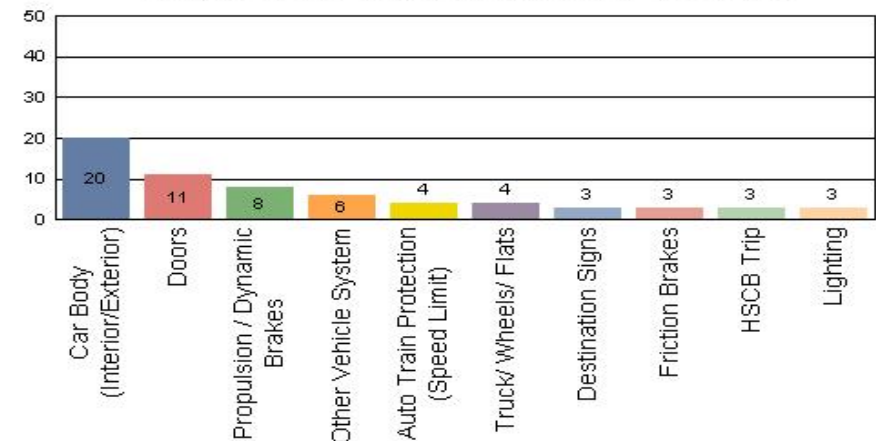
Metro Green Line

Count of the Top 10 Incident Problems



Metro Gold Line

Count of the Top 10 Incident Problems



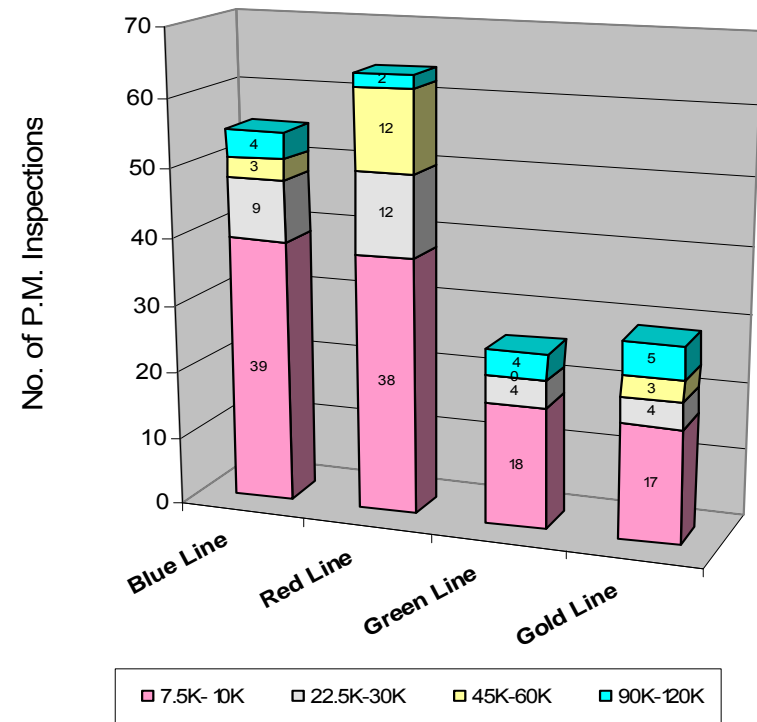
Preventative Maintenance Compliance

January 2011

Averages	Jan-10	Feb-10	Mar-10	Apr-10	May-10	Jun-10	Jul-10	Aug-10	Sep-10	Oct-10	Nov-10	Dec-10	Jan-11
Blue Line	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
Red Line	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	97%	100%	100%
Green Line	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
Gold Line	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%

January 2011 Preventative Maintenance Inspections

No. of P.M. Inspections	7.5K- 10K	22.5K- 30K	45K-60K	90K-120K	Totals	% Compliance
Blue Line	39	9	3	4	55	100%
Red Line	38	12	12	2	64	100%
Green Line	18	4	0	4	26	100%
Gold Line	17	4	3	5	29	100%
Totals:	112	29	18	15	174	100%

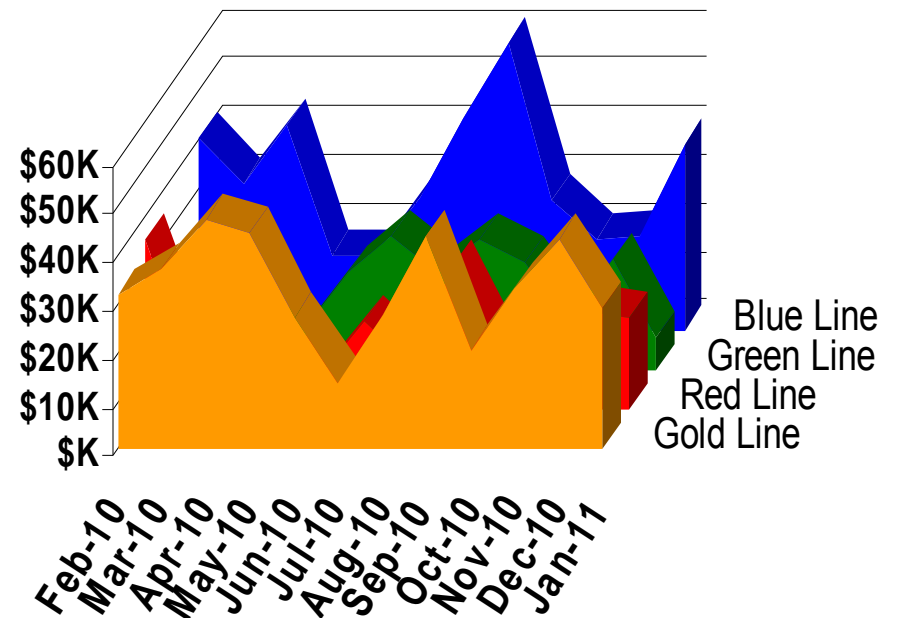


Vandalism & Graffiti Report

January 2011

	Feb-10	Mar-10	Apr-10	May-10	Jun-10	Jul-10	Aug-10	Sep-10	Oct-10	Nov-10	Dec-10	Jan-11	Year-to-Date
Blue Line	\$40K	\$31K	\$43K	\$16K	\$16K	\$28K	\$44K	\$60K	\$27K	\$19K	\$20K	\$39K	\$383K
Green Line	\$16K	\$21K	\$8K	\$9K	\$21K	\$28K	\$20K	\$28K	\$23K	\$10K	\$23K	\$7K	\$213K
Red Line	\$35K	\$11K	\$12K	\$11K	\$8K	\$19K	\$10K	\$30K	\$12K	\$12K	\$20K	\$19K	\$199K
Gold Line	\$32K	\$37K	\$48K	\$45K	\$27K	\$14K	\$28K	\$44K	\$20K	\$33K	\$44K	\$29K	\$402K
Totals:	\$123K	\$100K	\$110K	\$81K	\$71K	\$89K	\$102K	\$162K	\$82K	\$75K	\$107K	\$94K	\$1,196K

January 2011 Vandalism & Graffiti - All Rail				
	Qty	Labor	Materials	Totals
Windows replaced	22	\$4K	\$5K	\$9K
Vandal Shields	398	\$10K	\$4K	\$14K
Vandal Shields - Other	0	\$K	\$K	\$K
Seats Cleaned	1,067	\$3K	\$K	\$3K
Seats Replaced	932	\$6K	\$7K	\$13K
Ext/Int Repairs	57	\$1K	\$K	\$1K
Exterior Graffiti Clean	2,811	\$50K	\$4K	\$54K
Totals for January 2011		\$73K	\$21K	\$94K



Graffiti Pictures January 2011



A - Metro Blue Line



B - Metro Green Line



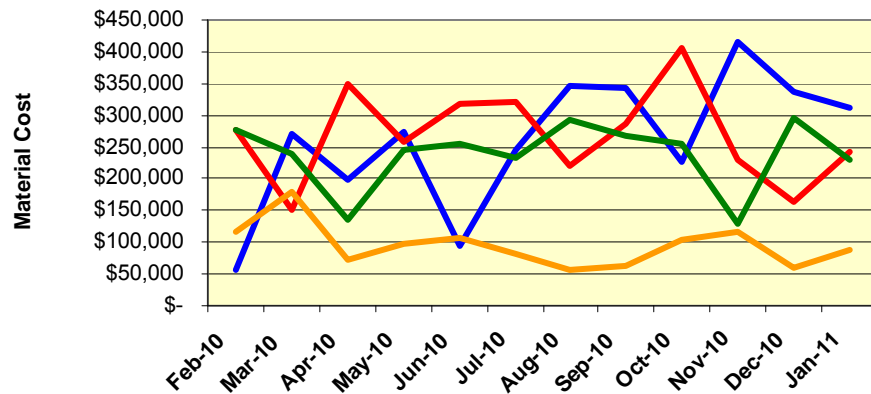
C - Metro Gold Line

Material and Labor Costs

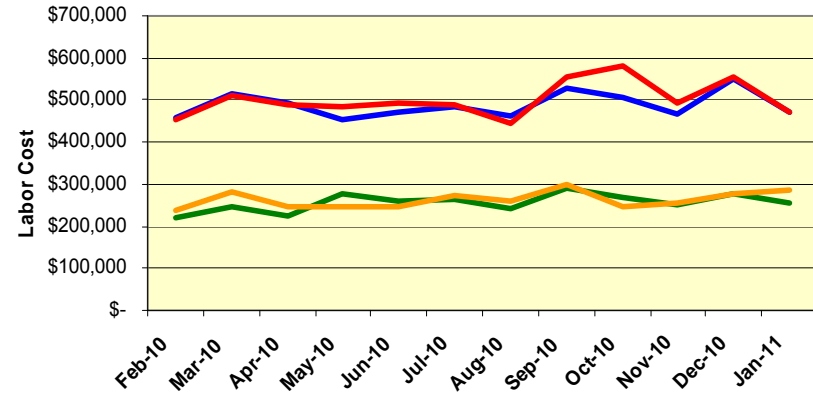
January 2011

MATERIALS	Feb-10	Mar-10	Apr-10	May-10	Jun-10	Jul-10	Aug-10	Sep-10	Oct-10	Nov-10	Dec-10	Jan-11	Totals
Blue Line	\$ 57,633	\$ 270,743	\$ 197,253	\$ 272,347	\$ 94,924	\$ 245,000	\$ 347,681	\$ 341,681	\$ 225,412	\$ 416,656	\$ 337,959	\$ 311,345	\$ 3,118,635
Red Line	\$ 275,856	\$ 149,720	\$ 348,088	\$ 258,558	\$ 317,139	\$ 321,375	\$ 219,030	\$ 285,906	\$ 406,465	\$ 230,298	\$ 162,960	\$ 240,990	\$ 3,216,385
Green Line	\$ 276,116	\$ 240,194	\$ 136,768	\$ 244,408	\$ 256,000	\$ 231,296	\$ 291,938	\$ 267,489	\$ 253,619	\$ 128,574	\$ 295,924	\$ 228,636	\$ 2,850,962
Gold Line	\$ 117,356	\$ 179,658	\$ 72,343	\$ 98,102	\$ 105,801	\$ 81,897	\$ 57,693	\$ 61,673	\$ 104,711	\$ 117,573	\$ 58,796	\$ 86,984	\$ 1,142,587
Totals	\$ 726,961	\$ 840,315	\$ 754,453	\$ 873,415	\$ 773,864	\$ 879,567	\$ 916,342	\$ 956,749	\$ 990,206	\$ 893,102	\$ 855,640	\$ 867,955	\$ 10,328,569

Material Costs



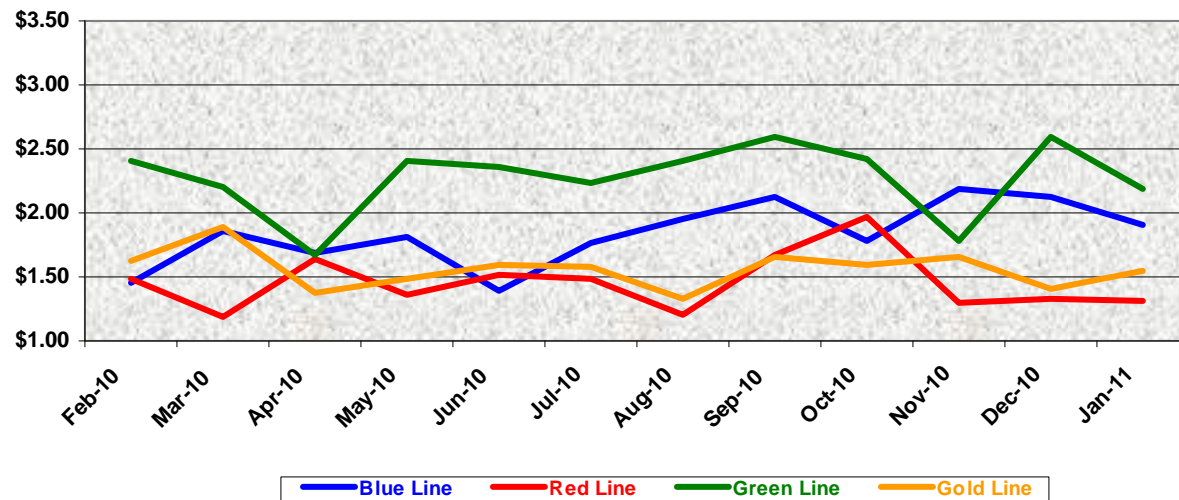
Labor Costs



LABOR	Feb-10	Mar-10	Apr-10	May-10	Jun-10	Jul-10	Aug-10	Sep-10	Oct-10	Nov-10	Dec-10	Jan-11
Blue Line	\$ 458,335	\$ 515,305	\$ 492,862	\$ 451,979	\$ 472,293	\$ 484,536	\$ 462,218	\$ 529,087	\$ 504,876	\$ 466,805	\$ 549,827	\$ 470,555
Red Line	\$ 453,580	\$ 510,664	\$ 487,627	\$ 482,974	\$ 492,936	\$ 487,742	\$ 442,482	\$ 555,982	\$ 581,709	\$ 491,124	\$ 556,636	\$ 472,105
Green Line	\$ 218,637	\$ 248,224	\$ 225,004	\$ 276,665	\$ 258,297	\$ 262,563	\$ 241,807	\$ 291,569	\$ 269,647	\$ 249,736	\$ 279,447	\$ 255,429
Gold Line	\$ 237,594	\$ 279,935	\$ 247,135	\$ 247,474	\$ 247,000	\$ 271,885	\$ 257,900	\$ 299,833	\$ 245,423	\$ 255,054	\$ 278,165	\$ 285,821
Totals	\$ 1,368,146	\$ 1,554,128	\$ 1,452,628	\$ 1,459,092	\$ 1,470,526	\$ 1,506,727	\$ 1,404,407	\$ 1,676,471	\$ 1,601,654	\$ 1,462,719	\$ 1,664,075	\$ 1,483,910

Cost Per Mile January 2011

Cost per mile:	Feb-10	Mar-10	Apr-10	May-10	Jun-10	Jul-10	Aug-10	Sep-10	Oct-10	Nov-10	Dec-10	Jan-11	Average
Blue Line	\$1.45	\$1.85	\$1.69	\$1.82	\$1.39	\$1.77	\$1.95	\$2.13	\$1.79	\$2.18	\$2.12	\$1.91	\$1.84
Red Line	\$1.48	\$1.19	\$1.64	\$1.36	\$1.51	\$1.48	\$1.21	\$1.67	\$1.96	\$1.30	\$1.33	\$1.31	\$1.45
Green Line	\$2.41	\$2.20	\$1.67	\$2.41	\$2.36	\$2.24	\$2.40	\$2.60	\$2.43	\$1.78	\$2.59	\$2.19	\$2.27
Gold Line	\$1.62	\$1.89	\$1.37	\$1.49	\$1.59	\$1.59	\$1.33	\$1.65	\$1.60	\$1.65	\$1.41	\$1.55	\$1.56



No facility costs are included

Absences vs. Overtime

January 2011

ABSENCE TYPE and HOURS	3940	3941	3942	3943	3944	Total
BER-BEREAVEMENT	0	24	0	40	0	64
CTO-COMPENSATORY TIME OFF	32	256	160	144	96	688
CVA - CASUAL VACATION	0	0	476	0	104	580
DSL-DISABILITY LEAVE/LONG	0	216	168	0	0	384
EFH-EMG. FLOAT HOL.	0	8	24	24	8	64
ETO-EXCUSED TIME OFF	0	28	17	5	37	86
FML-FAMILY CARE LEAVE	136	136	518	242	400	1,432
HLF-HOLIDAY FLOATING	16	112	120	112	96	456
HNP-HOLIDAY NOT PAID	0	0	16	16	16	48
HOL-HOLIDAY LEGAL	96	416	432	104	80	1,128
II-INDUSTRIAL INJURY	0	344	0	0	0	344
JUR-JURY DUTY	0	104	32	16	0	152
LC1-LABOR CODE 233	16	313	389	74	136	927
MLN-MILITARY ABSENCE-UN	0	0	104	0	0	104
OWP-OFF WITH PERMISSION	0	0	2	0	8	10
RTO-REQUESTED TIME OFF-NO PAY	0	9	0	56	0	65
SCK-SICK PAY	48	199	192	139	120	698
SCW-SICK WITHOUT PAY	0	56	0	327	16	399
SUP-TEMPORARY SUPERVISOR	0	552	748	482	249	2,031
VAC-VACATION	56	505	212	360	92	1,225
Total Absence Hours	400	3,277	3,609	2,140	1,458	10,884
Number of Work Force (assigned)	20	110	103	46	51	330
Full Work Force hours/month	3,466	19,063	17,850	7,972	8,838	57,189
Absence as a % of Work Force	12%	17%	20%	27%	16%	19%
OVERTIME TYPE and HOURS	3940	3941	3942	3943	3944	Total
CTB-COMPENSATORY TIME TO BANK	4	257	47	47	86	442
OTP-PREM OVERTIME	148	975	975	1421	1134	4653
WLO-Worked Lunch Overtime	0	19	53	38	56	165
Total	152	1251	1075	1506	1276	5260
Overtime as a % of Work Force	4%	7%	6%	19%	14%	9%
UNCOVERED ABSENCES	3940	3941	3942	3943	3944	Total
Absences FTE	2	19	21	12	8	63
OTP FTE	1	7	6	9	7	30
FTE Difference	1	12	15	3	1	33

Rail Vehicle Engineering Project Summary

January 2011

Technical Specifications	
MBL, MGL, MRL, MGD (all fleets):	P2000 HVAC Suttrak Units Overhaul Systra Contract for Expo Fleet MBL Articulation Bellow P2000 Doors MBL Gear box P2000 Wheel/Axle Gear Box
Active Test Bulletins	
MBL (P865/P2020):	Inspection interval investigation (5K-7.5K) Door Capacitor Raise Motor Alternator Trip Setting Replace GRS/TWC with H&K TWC Horn Journal Bearing
MRL (A650 Base):	Chevron Springs DC-AC Traction Motor Blower GE Gear Unit Blower Unit (L) Coupler Shield A21 Power Supply A16A1 Board Speed Sensor Removal
MRL (A650 Option):	Pinion Shaft Emergency door seal Gearbox Air Spring Brushes Motor Evaporator Speed Sensor Removal
MGDL (P2000):	Luminator LED Destination Sign
MGL (P2000):	Door Operator Assembly Electric Cabinet Cooling
Active Modification Bulletins	
MBL (P865/P2020):	Watch Gap, Wheelchair, Security Cameras Battery Disconnect Decals Gearbox Long Breather Tube Flashing Circuit
MBL (P2000):	Add TWC Route Select Feature No Acceleration during ATP Overspeed
MRL (A650 Option/Base):	FCC High Voltage Decal Remove Trip Switch Wiring Manual Controller Modification by American Transit Front Door Latch Replace End Door Threshold Plate Dead Battery Start Buss Bar Isolation ATO Overspeed Brake Rate
MGL (P2000):	Master Controller with New Cam Profiles Removal of Convex Mirror Head Protran 1 Wayside Worker Protection
MGDL (P2000):	Battery Disconnect Decals
Active Technical Request Form	
MBL (P865/P2020):	Destination Signs Journal Bearing Air Compressor Motor Chopper Intake Damper Assembly Knorr Washer Motor Alternator Set CB1 Tripping Problem 3-Way Valve Berthing Bypass
MRL (A650 Option/Base):	ATO Berthing Flender Gearbox Pinion Shaft Coupler Corrosion Cover Gate Drive Power Supply Location Decal Rectifier Door Latching Relay Twist Lug Connector Thermistor & TLR Circuit Failures PA System & Air Whistle/Horn Faults Safety Cable Hand Assistance Strap Contact Adhesive Flooring H-4 Glass Blower Motor Impeller
MGL (P2000):	Door Operator Assemble Repair Vendor Air Vent Grille Exterior Rear View Mirror Sun Shade Gear Latch EMI Trip Faults HVAC Motor Sunshade Gear Latch

P2550 Vehicle Acceptance Program

January 2011

Vehicle Status Update:

- 43 cars at Metro
- A total of 42 Cars Conditionally Accepted (CA)
- 7 Cars at Pittsburg Assembly Plant

Engineering Activities Update:

- Event recorder – Is under final qualification testing. New propulsion software 12.c is in process for release. During qualification it was noticed that signal delays from LON/MVB buss are showing time delays.
- Traction Motor HV Junction Box – Upgraded prototype brackets are installed and working.
- Brake Caliper Overhaul – To date 4 revenue cars have been overhauled.
- Reliability Program – AB has reviewed and compiles work order data from April through December 2010. Preliminary results show that 7 of the 12 subsystems are above contractual specification for reliability.

Production Car Status – Pittsburg:

- Car 747 - 99% complete. Final inspection has started.
- Car 748 - 90% complete. Assembly in process.
- Car 749 - 750 70% complete. Assembly in process.
- Cars 701& 702 - Re-configuration of car in progress, rewiring and repining of cables 100 % complete.

Project Management:

- No cars were Conditionally Accepted in January.
- Contract spares are in process and delivered to Metro. Estimated at 85% complete.
- Daily and weekly meetings with AB Project Management to solve revenue service issues.
- AB provided list of “missing” production parts for final assembly of remaining vehicles. The list is comprehensive and inclusive of order date with part ETA. The Project Team is concerned with further project delays and therefore requested AB top management to meet with Metro executives to determine path forward and updated delivery schedule. Meeting is to take place in February 2011.

Fleet Revenue Service Summary:

- 3.2 million miles since March 2008 - - 189713 miles in January
- 4 mainline incidents.

QA-Warranty Program Projects Summary

January 2011

ADMINISTRATION / ERS ACTIVITIES

- QA Oil Analysis Program - On going. Currently addressing water issues in gear boxes, also investigating gasket wear.
- Ultra Sonic Phase Array equipment training scheduled for February. QA and Instruction staff to participate.
- QA supported CEO-COO Interest Base Maintenance Assessment Inspection / Audit. (Div 20 was very successful).
- P2550 Contract Programs - On track. Management & ERS oversee M3, Acceptance, Warranty & Delivery tracking.
- ERS' continues to support all divisions and administrative staff.
- Gage & tool Calibration Program, ERS over see recall system, scan all certificates and load info into QA-Warranty's M-Drive.
- ERS' responsible for all reports & records archived in QA-Warranty's Share Drive.

RED LINE ACTIVITIES

- QA continues oversight lead on wheel failure testing and analysis with outside vendors. (IQS & KARS)
- QC oversight T/M Mounts & Truck Frame modification program, ABI's latest weld repair procedure being reviewed by QA & RFSTS.
- Continued support provided to engineering in support of qualifications for overhaul programs i.e., Compressor Motors, T/M Bearings, Gear Boxes, Inverters, Ground Brushes, Coupler Cables and Braking Systems. Warranty and R&R cost avoidance savings labor \$1,890.00 & parts \$8,221.33.

BLUE LINE ACTIVITIES

- QA assist support provided testing of new brakes / resolve noise issues.
- Staff training on EXPO Line TWC modification, also addressed open issues.
- QC oversight equipment overhaul campaigns (Door Systems, Car Body, Lighting Systems, & Car interior Projects).
- Technical assistance provided to RFSTS drafting Procedures and Test Bulletins.
- Conducted FAI's & parts inspections.
- Warranty and R&R cost avoidance savings for labor \$630.00 & parts \$13,254.00.

GREEN LINE ACTIVITIES

- Supported RFSTS resolving open issues (Circuit Relay, Car Ventilation, Slew Rings, Inverters & T/Ms).
- QC oversight, identified problem areas where Gear Box leakage occurs...
- QA support assist provided to RFSTS & Maintenance (Doors, Traction Motors, and Gearbox & Brake Systems).
- Prepared Technical Reports & Power-Point-Presentations, also FAI's & parts inspections.
- Warranty and R&R cost avoidance savings for labor \$252.00 & parts \$1,088.60

GOLD LINE ACTIVITIES

- Oversight responsibilities for the P2550 Vehicle Acceptance & Warranty Programs.
- Travel to Pittsburgh, California, car builder oversight inspection, also assisted with resolving open issues.
- Admin maintain project documentation, document contract deliverables & maintenance records.
- Support ABI & RFSTS Engineering with Car Acceptance test issues. Warranty and R&R cost avoidance savings for labor \$0.00 & parts \$0.00.

Rail Fleet Services Instruction

January 2011

Training classes completed during the month of January 2011

Description	Status	Start	End	Course Hours	Student Count	Training Hours
<u>Blue Line Training - (865/2020 & P2000 LRV):</u>						
PR EMPLOYEE SELF-SERVICE TRAINING	Complete	1/11/2011	1/18/2011	1	31	31
PROBLEM SOLVING - PART 1	Complete	1/27/2011	1/27/2011	2	1	2
TRANSIT TERRORISM AWARENESS TRAINING	Complete	1/20/2011	1/20/2011	1	2	2
RFS SIEMENS 2000 FRICTION BRAKES	Complete	1/18/2011	1/31/2011	40	7	280
RFS SIEMENS 2000 DOOR CONTROLS	Complete	1/3/2011	1/17/2011	40	7	280
SEXUAL HARASSMENT PREVENTION, TITLE VI AND VII	Complete	1/25/2011	1/25/2011	2.5	1	2.5
FIS 11I NAVIGATION	Complete	1/18/2011	1/18/2011	3	1	3
RAIL SYSTEM SAFETY	Complete	1/11/2011	1/18/2011	3	2	6
ETD PEOPLE SKILLS	Complete	1/4/2011	1/4/2011	3	1	3

Total Blue Line Training (Hours): 609.5

Red Line Training (Breda A650 HRV):

PR EMPLOYEE SELF-SERVICE TRAINING	Complete	1/24/2011	1/28/2011	1	56	56
WAYSIDE WORKER PROTECTION	Complete	1/7/2011	1/14/2011	4	30	120
RAIL SYSTEM SAFETY	Complete	1/19/2011	1/19/2011	3	1	3

Total Red Line Training (Hours): 176

Green Line Training (P2000 LRVs):

RFS SIEMENS 2000 FRICTION BRAKES	Complete	1/18/2011	1/31/2011	40	2	80
RFS SIEMENS 2000 DOOR CONTROLS	Complete	1/3/2011	1/17/2011	40	2	80
P-CARD TRAINING FOR CARD HOLDERS & AOS	Complete	1/11/2011	1/11/2011	2	1	2
PR EMPLOYEE SELF-SERVICE TRAINING	Complete	1/11/2011	1/26/2011	1	4	4
ETD PEOPLE SKILLS	Complete	1/4/2011	1/4/2011	3	2	6
PRE-SUPERVISORY TRAINING	Complete	1/13/2011	1/13/2011	14	1	14

Total Green Line Training (Hours): 186

Gold Line Training (P2550 LRVs):

PR EMPLOYEE SELF-SERVICE TRAINING	Complete	1/12/2011	1/12/2011	1	2	2
RFS ANSALDOBREDA 2550 PANTOGRAPH	Complete	1/24/2011	1/27/2011	8	3	24
RFS ANSALDOBREDA 2550 VEHICLE SYSTEMS	Complete	1/17/2011	1/21/2011	24	3	72

Total Gold Line Training (Hours): 2

Total Rail Fleet Services Instruction for the month of January 2011 (Hours): 973.5

Core Vehicle Training Completed:

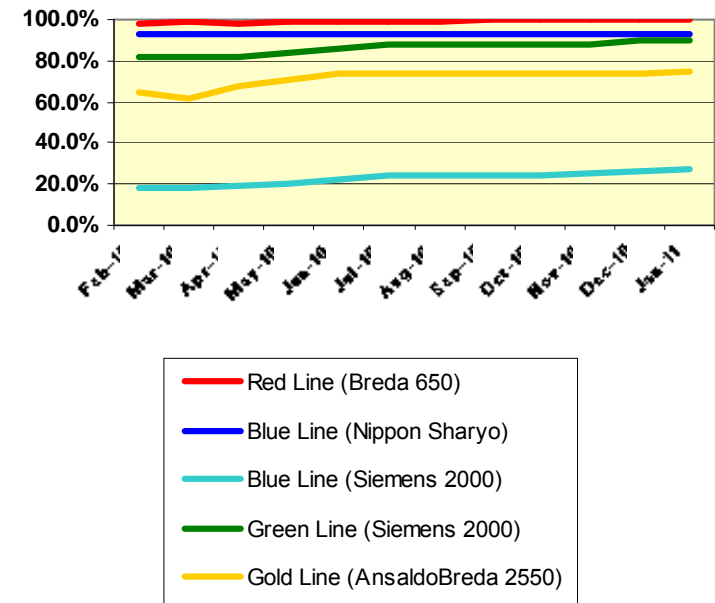
BLUE RED GREEN GOLD

Percentage of core vehicle training complete: 92.9% 99.5% 90.0% 74.6%

Siemens 2000 training complete: 27.6% N/A N/A N/A

Average Specialist Rail Experience Level in Years: 11.3 11.1 8.2 9.3

Core Training Completed



Variations caused by new hires, employee transfers, & training completed