

Customer Services, Operations, and Safety Committee Board Information Item III

September 11, 2008

Operational Performance

Washington Metropolitan Area Transit Authority Board Action/Information Summary

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	Action •	Information	MEAD Number:		Yes 🖸	No

TITLE:

Operational Performance

PURPOSE:

To provide the Committee with monthly operational highlights and system performance trends for FY08 vs. FY07.

DESCRIPTION:

Information contains operational highlights that have occurred during FY08 providing an end of year review of significant accomplishments, on-time performance and reliability for Metrorail, Metrobus, MetroAccess and Vertical Transportation.

FUNDING IMPACT:

No impact on funding.

RECOMMENDATION:

None

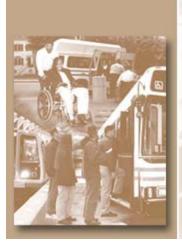


Presented to the Board of Directors:

Customer Service, Operations, and Safety Committee

September 11, 2008







Operations Year End Review - RAIL

- Achieved Rail on-time performance goal of 95% on two Metrorail Lines: Red and Orange
- Accepted and received 182 of the 6000 series rail cars
- Completed 338 of the 364 2/3K rehabilitations
- Revised maintenance scheduling to minimize impact to customers & ensure maximum use of track
- Installing grab handles in 6000 series rail cars
- Implemented cleaning program significantly reducing debris fires





Operations Year End Review - BUS

- Achieved Mean Distance Between Failures of 6,326 exceeding the goal of 6,300
- Completed integration of all components for Bus on-time performance
- Awarded 5-year procurement; designed new color scheme; commenced delivery of Nabi Articulated Buses
- Installed operator enclosures pilot program for review and evaluation to increase operator safety
- Relocated 114 buses and personnel from Southeast garage with no service interruption





Building Blocks to Metro's On-Time Performance



GPS based Vehicle Location



Automatic Passenger Counters





Bus Operations Control Center Computer Aided Dispatching Automatic Vehicle Location



Destination Signs





Digital Video Recorders



Intelligent Vehicle Network
Automated Voice Annunciation
Automated Vehicle Monitoring



Smart Mobile Data Terminal Voice and Data Radio



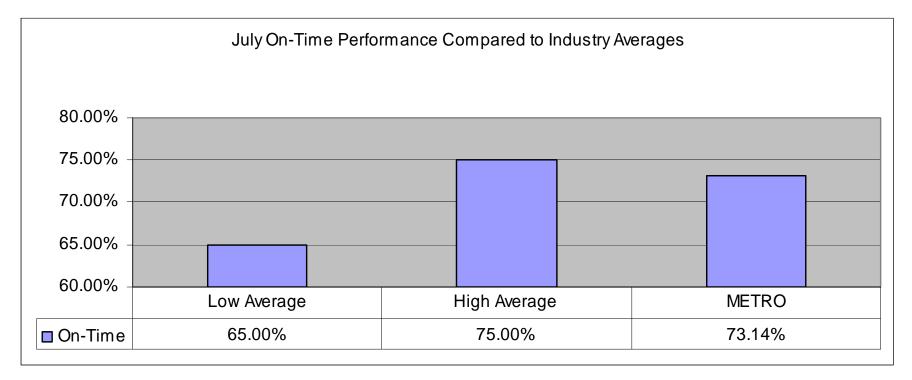
Universal Fare System



Bus On Time Performance Comparison Chart

DEFINITION – Measurement of time throughout the day (from beginning to end of service) for all routes by capturing the data recorded by the CAD/AVL whenever a bus encounters a timepoint. Parameters used by other agencies have a broad range and use selected time points vs WMATA using all time points.

CALCULATION – Difference between scheduled time and actual time arriving at a timepoint based on 2 minutes early and 7 minutes late parameters.



Impact Delays:

- Traffic congestion 2nd in the nation according to the Texas Transportation Institute
- Incidents (assaults, police activity)



Bus Improvement Measures

- Restructuring Bus Operations to increase accountability
- Strengthen coordination with Division and Street Supervision on low performing lines to resolve delay issues
- Work with planning to verify schedules and make any necessary adjustments
- Implement process to improve yard pull out timeliness
- Assign Communication Specialist to track and monitor real-time on lowest performing lines



Operations Year End Review - MetroAccess

- Maintained a 91.9% on-time performance with a 16% increase in overall ridership, delivering 1.5M passenger trips
- Received and placed into service, 65 new vehicles
- Implemented Door-to-Door Service
- Established Web-based reservation system
- Published new Customer Guide







Operations Year End Review – Operation Services

- Achieved 94.1% escalator availability exceeding the goal of 93%
- Improved the appearance of 19 Metrorail stations with the completion of station enhancements
- Completed Navy Yard Station Entrance prior to National's Opening Day
- Completed Metro Matters Yard Expansions
- Completed rehabilitation of 14 elevators and 6 escalators



PERFORMANCE FY07 vs. FY08

MEASURMENT	FY07	FY08	FY08 Target
RAIL			
On-Time Performance (end-to-end)	93%	92%	95%
Safety and Security			
Part 1 Crimes, Excluding Parking	399	494	
Part 1 Crimes in Parking	890	961	
Customer Satisfaction: Metrorail			
Customer Satisfaction Survey	87%	85%	89%
Avg Weekday Ridership	701,110	730,143	711,245
BUS			
Mean Distance Between Failures	6,267	6,326	6,300
Safety and Security			
Part 1 Crimes	103	117	
Customer Satisfaction: Metrobus			
Customer Satisfaction Survey	81%	78%	81%
Avg Weekday Ridership	441,221	444,519	445,054
VERTICAL TRANSPORTATION			
Escalator System Availability	91.3%	94.1%	93%
Elevator System Availability	95.2%	96.7%	97.5%
Customer Satisfaction Measure:			
Customer Satisfaction Survey - Escalator	63%	68%	64%
Customer Satisfaction Survey - Elevator	74%	74%	78%
METROACCESS			
On-time Performance	93.2%	91.9%	93.5%
Percent of Missed/Excessively Late Trips	1.9	1.6	1.9
(30 mins beyond the scheduled pick-up window)			
_Average Weekday Ridership (for comparison only)	4,669	4,965	4,850



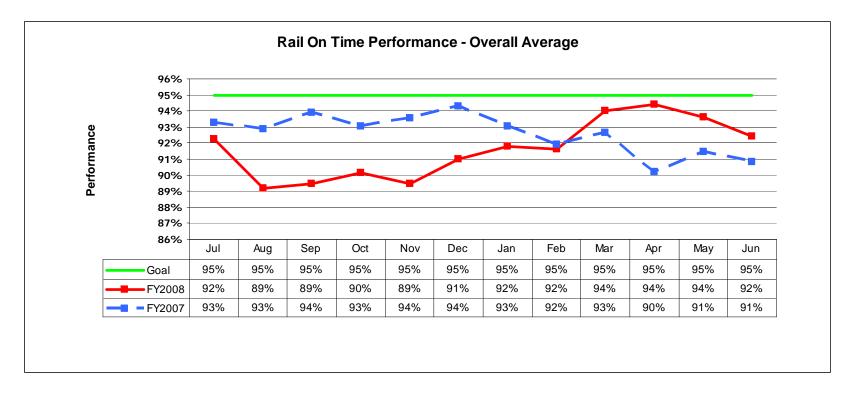
APPENDIX



Rail On-Time Performance Summary

DEFINITION – Measured during peak service (morning, evening), identifying percentage of trains on each line **end-to-end** within a 2 minute headway deviation and measured mid day and late night within a 50% headway deviation. This measures how well we are providing service.

CALCULATION – (Number of Metrorail station arrivals – number of headways with >2 minute deviation or 50% headway deviation) / number of Metrorail station arrivals = Metrorail On Time Performance End to End.



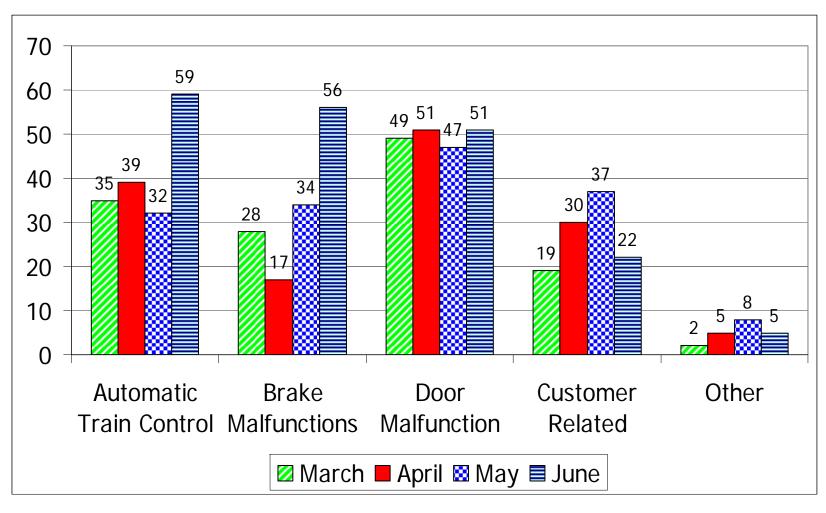
Year to Date Average

2007 - 93%

2008 - 92%



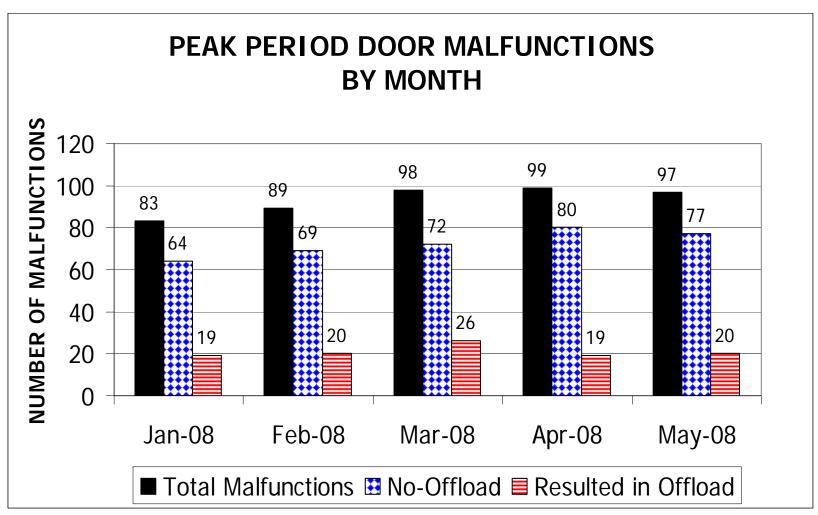
Major Incidents Affecting Rail Performance



Delays resulting in four minutes or greater



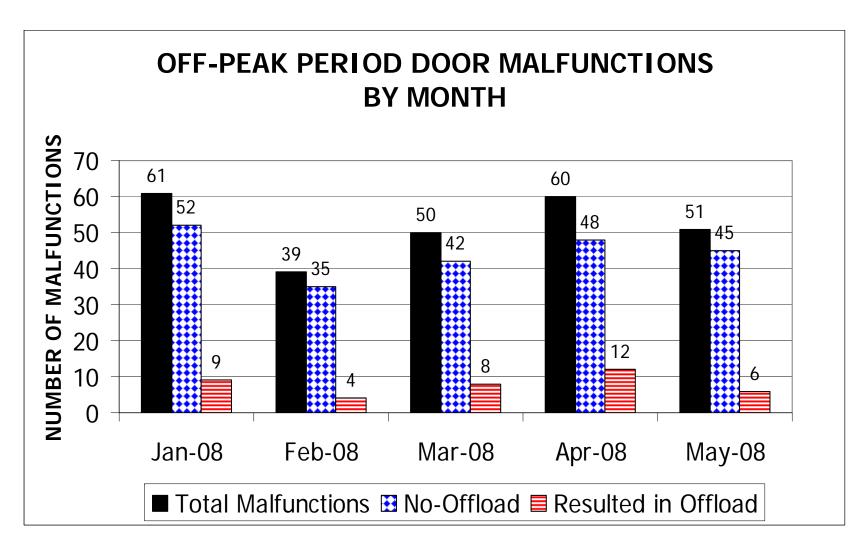
Rail Car Door Malfunctions - Peak



Average 219,578 door openings per day



Rail Car Door Malfunctions – Off Peak

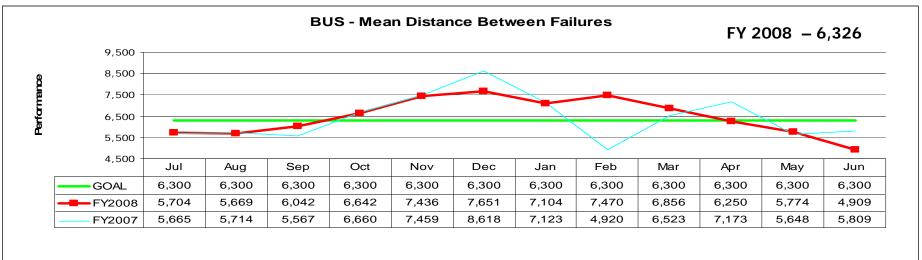


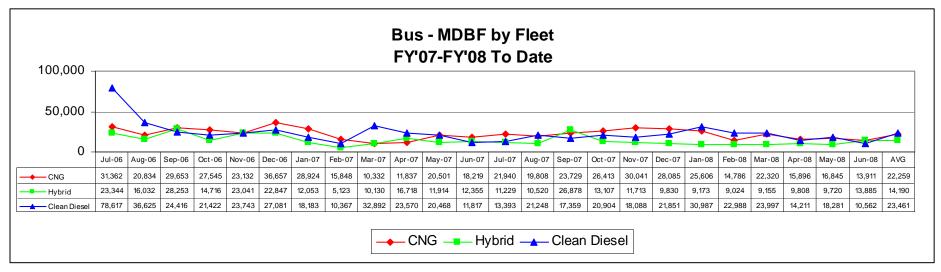
Average 219,578 door openings per day



Bus Mean Distance Between Failures

DEFINITION – This measure identifies the number of miles traveled before a mechanical breakdown for the entire bus fleet





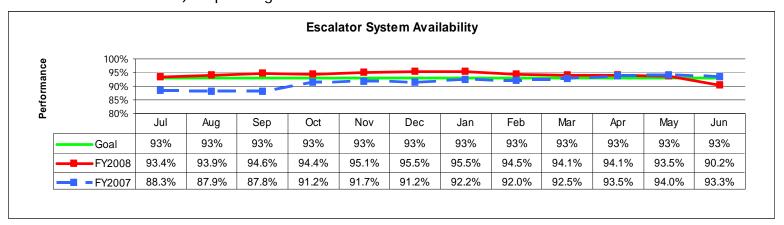
^{**}Data includes FY04 and newer Fleets.



Escalators and Elevators Reliability

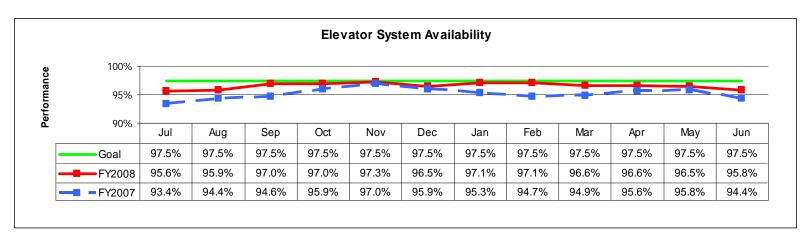
DEFINITION – Percentage of time that the escalator or elevator system is available for service.

CALCULATION – Hours achieved divided by operating hours. Hours achieved = operating hours - (hours out of service both scheduled and unscheduled). Operating hours = revenue hours * number of units.



FY07 - 91.3%

FY08 - 94.1%



FY07 - 95.2%

FY08 - 96.6%



Escalators April Top 12

DEFINITION – Top 12 Escalators with the most non-scheduled outages for the past 90 days April 2008 thru June 2008. **CALCULATION** – Rank first by number of failures, second by amount of time.

APRIL 2008			oos	Hours	
STATION NAME	UNIT	Avail	COUNT	oos	Comments
					19 reset of safety switches, 1 accident investigation (45
ANACOSTIA	#2	82.27%	21	102.50	hrs) & 1 replaced emergency stop cover,
VALENDA	44	00.500/	04	54.40	18 reset of safety switches, 1 adjusted & tested brake
VIENNA	#1	90.59%	21	54.40	voltage, & 1 reset controller fault (13 hrs)
					13 reset of safety switches, 1 installed new key on handrail
NAVVVADD	# 0	07.000/	10	60.77	drive sprocket, 1 replaced and broken chain drive switch, 1
NAVY YARD	#2	87.20%	19	68.77	replaced brake board, 2 adjustments & 1 safety work order
CLIAM	# 0	04.660/	10	40.04	16 reset of safety switches, 1 repaired handrail delay timer
SHAW	#2	91.66%	18	48.21	& 1 replaced cable & reconfigured display panel
WATER FRONT	"4	00.000/	47	74.04	15 reset of safety switches, 1 replaced top & bottom comb
WATERFRONT	#4	86.38%	17	74.61	plates & steps & 1 adjustment
					10 reset of safety switches, 1 replaced auxiliary contact, 1
CLEVELAND PARK	#5	92.85%	15	41.31	replaced high speed counter, 2 adjustments
					12 reset of safety switches, 1 realigned belt switch & 1
BETHESDA	#4	87.40%	15	62.09	safety work order
					Work started on this unit 11-10-07 and was completed 4-
					27-08. Replaced bull gear, replaced controller, &
					motherboard, repaired gearbox assembly, replaced step
NATIONAL AIRPORT	#3	11.29%	1	512.64	chain & repaired brake solenoid plunger
					10 reset of safety switches, 1 replaced reverse phase relay
HUNTINGTON	#1	41.11%	12	139.22	& 1 adjusted speed sensor
VIENNA	#3	96.42%	12	20.91	12 reset of safety switches
					8 reset of safety switches, 1 replaced 6 demarcation strips,
MEDICAL CENTER	#3	93.53%	13	34.79	& 1 relamp lighting
					7 reset of safety switches, 5 reset of controller brake
MCPHERSON SQUARE	#2	97.10%	11	16.77	distance fault &1 adjustment



Escalators May Top 12

MAY 2008		Sys.	oos	Hours	
STATION NAME	UNIT	Avail.	COUNT	oos	Comments
					20 reset of safety switches, 2 resets of controller fault (30
					hrs) 1 troubleshooting high failure brake fault, 1 replaced
VIENNA	#1	84.65%	26	90.98	brake & seals (11 hrs), 2 safety inspections
ANACOSTIA	#2	92.79%	18	33.03	15 reset of safety switches (comb impact) & 1 reset of bottom comb impact (8 hrs)
ANACOSTIA	#2	92.1970	10	33.03	4 reset of safety switches, 6 replaced brake boards, 2
					replaced drive and brake assemblies, 1 replaced step,& 1
ARCHIVES	#2	67.95%	13	161.34	adjustment
					8 reset of safety switches, 3 replaced demarcation strips, 1
					cleaned gearbox seals, 1 replaced steps & 1 safety
GEORGIA AVE	#1	91.51%	16	50.75	inspection, 1 adjustment
CRYSTAL CITY	#6	89.48%	18	62.86	16 reset of safety switches & 1 safety inspection
					13 reset of safety switches, 1 reset comb impact (6 hrs), 1
DUDONIT OID OLE	""	0.4.==0.4	4.0	00.00	replaced stub shaft bearing (7 hrs), 1 power failure
DUPONT CIRCLE	#2	94.55%	16	30.83	restoration & 1 adjustment
TENLEYTOWN	#4	90.15%	13	56.95	9 reset of safety switches, 1 replaced plug & 3 adjustments
TEINLETTOWN	#4	90.15%	13	56.95	7 reset of safety switches, 1 replaced transformer (41 hrs),
					1 cut bent laminate & reset axle roller, 1 replaced skirt
BETHESDA	#3	78.29%	14	176.38	panels, 2 replaced F4 fuses & 2 safety inspections
		. 0.2070			replaced encoder shaft (18 hrs), 1 replaced step roller, 1
					replaced step roller degredation fault & 1 reattached
GALLERY PLACE	#2	91.49%	13	50.89	combplates
					10 vacat of anich quitaban 1 vanicand drive states had
WHEATON	#3	96.17%	14	22.16	10 reset of safety switches, 1 replaced drive motors, brake, drive chain switch & 2 adjustments
WHEATON	#3	30.1170	14	22.10	repaired bad power supply, 2 corrected lifted floor plates, 1
					replaced speed sensor, 1 replaced steps, & 1 replaced
EASTERN MARKET	#3	84.96%	12	86.45	comb impact plates
ANACOSTIA	#3	92.22%	13	16.77	14 reset of safety switches



Escalators June Top 12

JUNE 2008		Sys.	oos	Hours	
STATION NAME	UNIT	Avail.	COUNT	oos	Comments
CRYSTAL CITY	#6	83.76%	31	94.02	28 reset of safety switches, 1 replaced combfinger sections, 1 safety inspection, & 1 adjustment
DUPONT CIRCLE	#3	89.82%	21	57.96	15 reset of safety switches, 1 replaced handrail drive chain, 1 repaired drive1 replaced brake board & 2 adjustments 21 reset of safety switches, 1 replaced brake board, & 1
ANACOSTIA	#3	86.80%	23	70.60	replaced handrail drive chain & sprocket
MCPHERSON SQUARE	#2	92.91%	20	41.58	18 reset of safety switches, 1 reset controller (7 hrs) & 1 renistalled handrail
LANDOVER	#2	83.09%	20	81.80	15 reset of safety switches, 2 adjustments & 1 safety inspection
DUPONT CIRCLE	#2	93.86%	17	35.54	13 reset of safety switches, 1 reset comb impact (5 hrs) & 3 adjustments
GALLERY PLACE	#2	89.85%	17	58.10	12 reset of safety switches, 1 reset brake timer (10 hrs), 1 reset emergency stop (11 hrs), 1 replaced axle roller, 1 removed debris from comb plate, 1 safety inspection & 1 adjustment
MCPHERSON SQUARE	#7	95.44%	14	25.77	14 reset of safety switches
FOGGY BOTTOM	#2	90.76%	17	53.52	14 reset of safety switches, 1 replaced step pin & 2 adjustments
NAVY YARD	#3	89.26%	17	62.19	14 reset of safety switches, 1 replaced 30 amp fuse & 1 removed debris from comb plate
UNION STATION	#1	78.44%	12	123.93	2 reset of safety switches, 1 replaced handrail assy & belt, 3 re-installed handrails, 2 replaced H07 belts, 1 weld of C11 facture & 1 adjustment
BETHESDA	#3	82.84%	13	93.27	6 reset of safety switches, 1 power restoration, 1 replaced brake board, 1 replaced output card in controller (21 hrs), 2 replaced output cards in controller, 1 replaced encoder (25 hrs) & 1 adjustment



Elevators April Top 12

DEFINITION – Top 12 Elevators with the most non-scheduled outages for the past 90 days April 2008 thru June 2008. **CALCULATION** – Rank first by number of failures, second by amount of time.

STATION NAME UNIT Avail. COUNT OOS Comments 1 re-programmed controller, 1 cleaned photo eye, 1 repaired bent door clutch, 1 repaired call button, 1 cleaned door sills, 1 repaired door lock jumper, 1 replaced door operator board, 1 adjustment & 2 safety inspections NAVY YARD #2 92.03% 8 46.09 3 reset of safety switches, 1 replaced door operator, 3 adjustments & 1 safety inspection COLLEGE PARK #4 75.63% 6 140.88 4 entrapments, 1 welded rail bracket & 1 adjustment 1 reset of safety switch, 1 entrapment, 1 replaced LU relay, 1 cleaned level door lock & 3 adjustments FOREST GLEN #1 90.03% 6 57.72 5 reset of safety switch, 2 adjustment CAPITOL HEIGHTS #2 95.71% 8 24.80 Grest of safety switches, 1 replaced Jumper, 1 repaired plant of the property	APRIL 2008	Sys.	oos	Hours		
BALLSTON #2 83.58% 10 94.89 repaired door clutch, 1 repaired call button, 1 cleaned door sills, 1 repaired door lock jumper, 1 replaced door operator board,1 adjustment & 2 safety inspections NAVY YARD #2 92.03% 8 46.09 adjustments & 1 safety inspection COLLEGE PARK #4 75.63% 6 140.88 4 entrapments, 1 welded rail bracket & 1 adjustment VAN NESS #1 96.76% 7 17.72 relay, 1 cleaned level door lock & 3 adjustments FOREST GLEN #1 90.03% 6 57.72 5 reset of safety switches & 1 entrapment CAPITOL HEIGHTS #2 97.42% 7 15.03 6 reset of safety switches & 1 entrapment MORGAN BLVD #2 95.71% 8 24.80 safety inspections & 1 adjustment 1 reset of safety switch, 3 re-programmed controllers, 1 repaired jammed door & 1 removed debris from hatch door sill NAVY YARD #1 97.45% 4 14.72 replaced pickup roller assembly PRINCE GEORGE PLAZA #3 81.12% 6 109.12 adjustment 1 reset safety switch, 3 entrapments & replaced amp fuse, & 1 adjustment 1 reset safety switch, 3 entrapment sk replaced amp fuse, & 1 adjustment 1 reset safety switch, 3 entrapments & replaced amp fuse, & 1 adjustment 1 reset safety switch, 3 entrapments & replaced amp fuse, & 1 adjustment	STATION NAME	UNIT	Avail.	COUNT	oos	Comments
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repaired jammed door & 1 removed debris from hatch door sill 2 reset of safety switches, 1 replaced pit lights & 1 NAVY YARD #1 97.45% 4 14.72 replaced pickup roller assembly 1 reset of safety switch, 1 cleaned selector tape, 1 replaced LED selector, 2 safety inspections & 1 PRINCE GEORGE PLAZA #3 81.12% 6 109.12 adjustment 1 reset safety switch, 3 entrapments & replaced amp fuse, & 1 adjustment	MORGAN BLVD	#2	95.71%	8	24.80	safety inspections & 1 adjustment
BALLSTON #4 98.43% 6 9.07 door sill 2 reset of safety switches, 1 replaced pit lights & 1 NAVY YARD #1 97.45% 4 14.72 replaced pickup roller assembly 1 reset of safety switch, 1 cleaned selector tape, 1 replaced LED selector, 2 safety inspections & 1 PRINCE GEORGE PLAZA #3 81.12% 6 109.12 adjustment 1 reset safety switch, 3 entrapments & replaced amp fuse, & 1 adjustment						1 reset of safety switch, 3 re-programmed controllers, 1
NAVY YARD #1 97.45% 4 14.72 replaced pickup roller assembly 1 reset of safety switches, 1 replaced pit lights & 1 replaced pickup roller assembly 1 reset of safety switch, 1 cleaned selector tape, 1 replaced LED selector, 2 safety inspections & 1 adjustment 1 reset safety switch, 3 entrapments & replaced amp fuse, & 1 adjustment						repaired jammed door & 1 removed debris from hatch
NAVY YARD #1 97.45% 4 14.72 replaced pickup roller assembly 1 reset of safety switch, 1 cleaned selector tape, 1 replaced LED selector, 2 safety inspections & 1 adjustment ROSSLYN #1 96.08% 5 22.26 fuse, & 1 adjustment	BALLSTON	#4	98.43%	6	9.07	door sill
NAVY YARD #1 97.45% 4 14.72 replaced pickup roller assembly 1 reset of safety switch, 1 cleaned selector tape, 1 replaced LED selector, 2 safety inspections & 1 adjustment ROSSLYN #1 96.08% 5 22.26 fuse, & 1 adjustment						2 reset of safety switches, 1 replaced pit lights & 1
PRINCE GEORGE PLAZA #3 81.12% 6 109.12 replaced LED selector, 2 safety inspections & 1 adjustment 1 reset safety switch, 3 entrapments & replaced amp fuse, & 1 adjustment	NAVY YARD	#1	97.45%	4	14.72	replaced pickup roller assembly
PRINCE GEORGE PLAZA #3 81.12% 6 109.12 replaced LED selector, 2 safety inspections & 1 adjustment 1 reset safety switch, 3 entrapments & replaced amp fuse, & 1 adjustment						1 reset of safety switch, 1 cleaned selector tape, 1
PRINCE GEORGE PLAZA #3 81.12% 6 109.12 adjustment 1 reset safety switch, 3 entrapments & replaced amp fuse, & 1 adjustment 22.26 fuse, & 1 adjustment						
ROSSLYN #1 96.08% 5 22.26 fuse, & 1 adjustment	PRINCE GEORGE PLAZA	#3	81.12%	6	109.12	
ROSSLYN #1 96.08% 5 22.26 fuse, & 1 adjustment						1 reset safety switch 3 entrapments & replaced amp
	ROSSLYN	#1	96.08%	5	22.26	
FRIENDSHIP HEIGHTS T #1 T 95.72% T 5 T 24.75 T1 cleaned car sills. 1 replaced car door & 3 adjustments T	FRIENDSHIP HEIGHTS	#1	95.72%	5	24.75	1 cleaned car sills, 1 replaced car door & 3 adjustments



Elevators May Top 12

MAY 2008	Sys.	oos	Hours		
STATION NAME	UNIT	Avail.	COUNT	oos	Comments
					15 reset of safety switches, 1 smoke testing & 1 safety
CONGRESSIONAL HEIGHTS	#2	97.24%	15	19.60	inspection
CONGRESSIONAL HEIGHTS	#1	96.37%	15	21.73	14 reset of safety switches & 1 cleaned photo eye
					5 reset of safety switches, 3 entrapments, 1 replaced F2
					fuse which repeatedly blew & replaced reverse phase
CAPITOL HEIGHTS	#2	90.63%	11	56.77	relay (22 hrs), 1 cleaned photo eye & 1 cleaned door sill
					4 entrapments, 1 replaced 12 pole relay clutch assembly
ARCHIVES	#1	90.16%	8	58.83	& 3 adjustments
					5 reset of safety switches, 1 entrapment, 2 cleaned door
PENTAGON	#1	84.96%	9	90.17	sill & 1 cleaned photo eye
					1 reset of safety switch, 1 replaced photo eye, cable and
					power supply, 2 cleaned door sills, 2 cleaned photo eyes
SHAW	#1	94.97%	9	30.28	& 3 adjustments
					1 entrapment, 1 cleaned photo eye, 1 removed debris & 3
COURTHOUSE	#1	95.78%	6	25.22	adjustments
					3 reset of safety switches, 1 entrapment, 1 re-
MINNESOTA AVE.	#2	97.01%	8	17.89	programmed & 2 adjustments
					2 reset of safety switches, 1 entrapment, 1 removed
					brake coil & cleaned & lubed brake pins (17 hrs) & 2
GALLERY PLACE	#1	93.62%	6	38.17	adjustments
					1 replaced site guard on hoistway doors, 1 repaired slow
HUNTINGTON	#1	98.82%	4	7.05	down switch & 1 lubrication
					2 reset of safety switches, 1 entrapment, 1 repaired hall
					call button & reset controller fault (49 hrs) & 1 power
ROSSLYN	#1	90.03%	5	59.65	restoration
JUDICIARY SQUARE	#1	98.64%	4	8.12	3 reset of safety switches & 1 adjustment



Elevators June Top 12

JUNE 2008	JUNE 2008		oos	Hours	
STATION NAME	UNIT	Avail.	COUNT	oos	Comments
			_		2 reset of safety switches, 1 replaced wiring, 1 repaired
CLARENDON	#3	89.54%	6	60.57	gate wiring & 1 replaced operator board
EAST FALLS CHURCH	#1	94.99%	11	28.03	9 reset of safety switches & 2 safety inspection
					3 reset of safety switches, 1 cleaned debris, 1 safety work
BALLSTON	#2	89.55%	5	60.52	order (19 hrs) & 1 adjustment
MINNESOTA AVE.	#1	95.69%	7	24.96	4 pumped out pits, 1 cleaned debris & 2 adjustments
					1 reset of safety switch, 3 entrapments, 1 cleaned car
					sills, 1 repaired per safety order, 1 safety inspection & 1
FRIENDSHIP HEIGHTS	#4	90.25%	8	56.45	adjustment
TWINBROOK	#1	96.47%	7	20.42	6 reset of safety switches, 1 power restoration
					1 entrapment & repaired controller (17 hrs), 1 replaced
					motherboard, 1 replaced governor ropes, 1 safety
GALLERY PLACE	#1	91.85%	6	47.16	inspection & 1 adjustment
					2 reset of safety switches, 1 repaired oil leak & 1
VAN DORN	#1	95.01%	4	28.91	adjustment
FRANCONIA SPRINGFIELD	#4	38.46%	2	356.29	1 power restoration & 1 replaced hoist motor
					2 entrapments & 1 replaced fuse and module in door
CAPITOL HEIGHTS	#2	87.55%	3	72.07	controller (50 hrs)
					1 reset of safety switch, 2 pumped pits, 1 adjustment & 1
CAPITOL HEIGHTS	#1	94.76%	5	30.34	safety inspection
					2 reset of safety switches, 1 replaced encoder &
FOREST GLEN	#6	88.01%	4	69.42	contractor & 1 replaced gauge tachometer



Escalators/Elevators Not Functioning

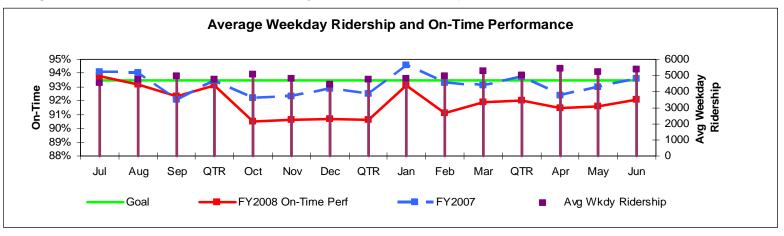
	Elevators									
Asset	Location	Start Date	CIP	Major Repair	Description of Repair / Repair Details					
#2	POTOMAC AVE	15-May-08	X		Rehabilitation/Modernization - Projected 19-Sep-08					
#1	ANACOSTIA	11-Jun-08	Х		Rehabilitation/Modernization - Completed 29-Aug-08					
#1	SHAW	22-Jul-08	X		Rehabilitation/Modernization - Projected 17-Oct-08					

	Escalators									
Asset	Location	Start Date	CIP	Major Repair	Description of Repair / Repair Details					
#3	CLARENDON	28-Apr-08	Х		Rehabilitation/Modernization - Completed 14-Aug-08					
#4	CLARENDON	28-Aug-08	Х		Rehabilitation/Modernization - Projected 28-Nov-08					
#5	COURTHOUSE	24-Jul-08	Χ		Rehabilitation/Modernization - Projected 27-Nov-08					
#8	GALLERY PLACE	5-May-08	Х		Rehabilitation/Modernization - Completed 19-Aug-08					
#4	GALLERY PLACE	12-May-08	Х		Rehabilitation/Modernization - Completed 29-Aug-08					
#9	GALLERY PLACE	19-Aug-08	X		Rehabilitation/Modernization - Projected 31-Oct-08					
#4	CAPITOL HEIGHTS	21-May-08	Х		Rehabilitation/Modernization - Completed 25-Aug-08					
#5	CAPITOL HEIGHTS	25-Aug-08	Χ		Rehabilitation/Modernization - Projected Completion 17-Nov-					
#4	CONGRESS HEIGHTS	7-Aug-08		X	Major Repair - Projected 29-Sep-08					
#5	BALLSTON	16-Jul-08	Х		Rehabilitation/Modernization - Projected 22-Oct-08					
#11	BALLSTON	17-Jul-08	Χ		Rehabilitation/Modernization - Projected 23-Oct-08					
#1	DUPONT CIRCLE	26-Jun-08		Х	Replace hydraulic brake line, replace hydraulic brake caliper - Completed 29-Jun-08					
#7	ROSSLYN	5-Jul-08		X	Rack and axle replacement - Completed 05-Aug-08					
#1	FOGGY BOTTOM	19-Jul-08		X	Drive motor, brake lines - Completed 29-Aug-08					
#2	FOGGY BOTTOM	20-Aug-08		X	Drive motor replacement, brake lines - Projected 15-Sep-08					
#3	FOGGY BOTTOM	25-Aug-08		X	Drive motor replacement - temporarily repairs done to put back into service 28-Aug-08 so there would be a running unit while #1 was being completed and #2 was repaired - remaining repairs to be completed by 30-Sep-08					
#2	MCPHERSON SQUARE	22-Jul-08		X	Replace proximity switch, replace belt, belt switch arm, and switch at DU2, replaced missing step switch, needs replacement steps - Completed 04-Aug-08					
#4	CAPITOL SOUTH	29-Jul-08		Х	Rack and axle replacement					



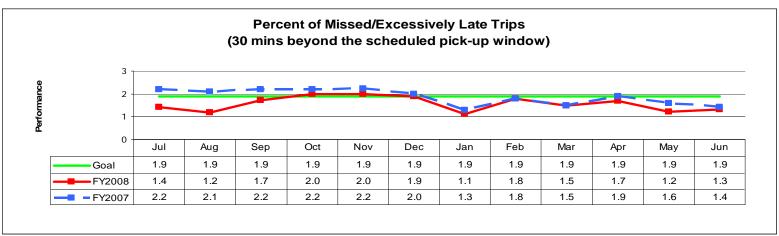
MetroAccess

DEFINITION – Percentage of on-time pickup within a 30-minute window (15 minutes before or after scheduled pickup time). **CALCULATION** – (Total on-time trips including "no shows" to which were initially on-time /sum of total completed trips (including "no shows" to which we were initially late) and missed trips = MetroAccess On Time Performance.



FY07 - 93.2%

FY08 - 91.9%



DEFINITION - Percentage of missed/excessively late trips (beyond 30 minutes).

CALCULATION - Number of completed trips with a >30 minute deviation from the scheduled arrival time/Completed trips = MetroAccess Percentage of Missed/Excessively Late Trips.