WMATA Accessibility Advisory Committee

Monthly Synopsis of WMATA Elevator and Escalator Performance

Reporting Date: 15 April 2013

Subject Office of Elevator and Escalator
Monthly Statistics for Period Spanning
16 March 2013 - 15 April 2013

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To: Accessibility Advisory Committee (AAC)

Performance Synopsis for Period Spanning
16 March 2013 - 15 April 2013

	Elevator	Escalator
System Availability (Overall)	95.9%	92.2%
Scheduled Availability (Excludes CIP & Sch. Outages)	99.1%	96.2%
MTBF (Mean Time Between Failures) Hrs.	572.5	143.0
MTTR (Mean Time to Repair) Hrs.	4.9	5.4
Total Number of Failures	270	3,224

System Availability - Availability inclusive of both scheduled and unscheduled work

Scheduled Availability - Availability exclusive of scheduled work

Scheduled work - Includes CIP's, Inspections, and similar work that is planned in advance

MTBF - Is the elapsed time between failures during a systems operating time

MTTR - Is the average time required to repair a failure

Historical Data

FY 2013 Q3/Q4	JAN	FEB	MAR	APR	MAY	JUN		Avg. of Q3/Q4
Elevators								
Sys. Avail	97.6%	96.5%	96.4%					96.8%
Sch. Avail	99.4%	98.3%	98.7%					98.8%
Escalators								
Sys. Avail	90.3%	90.1%	90.9%					90.4%
Sch. Avail	93.9%	93.3%	95.1%					94.1%

FY 2013 Q1/Q2	JUL	AUG	SEP	OCT	NOV	DEC		Avg. of Q1/Q2
Elevators								
Sys. Avail	97.5%	97.2%	97.3%	97.5%	97.6%	97.1%		97.4%
Sch. Avail	98.5%	98.9%	99.1%	99.3%	99.0%	98.4%		98.9%
Escalators								
Sys. Avail	90.2%	89.3%	87.6%	87.8%	90.2%	90.8%		89.3%
Sch. Avail	93.6%	93.0%	91.5%	90.9%	93.1%	93.8%		92.6%

FY 2012 Q3/Q4	JAN	FEB	MAR	APR	MAY	JUN		Avg. of Q3/Q4
Elevators								
Sys. Avail	96.0%	96.6%	96.3%	96.9%	98.0%	0.0%		96.3%
Sch. Avail	97.3%	98.3%	98.0%	98.7%	98.7%	0.0%		97.9%
Escalators								
Sys. Avail	89.0%	89.4%	89.7%	90.3%	91.2%	0.0%		89.4%
Sch. Avail	93.6%	94.3%	94.2%	94.3%	95.1%	0.0%		94.0%

FY 2012 Q1/Q2	JUL	AUG	SEP	OCT	NOV	DEC		Avg. of Q1/Q2
Elevators								
Sys. Avail	96.2%	94.7%	95.2%	95.7%	96.8%	96.0%		95.8%
Sch. Avail	96.6%	95.0%	95.3%	96.2%	97.2%	97.0%		96.2%
Escalators								
Sys. Avail	80.6%	82.4%	86.8%	88.4%	89.5%	88.4%		86.0%
Sch. Avail	85.1%	86.4%	90.6%	92.0%	93.1%	92.3%		89.9%

FY 2011 Q3/Q4	JAN	FEB	MAR	APR	MAY	JUN		Avg. of Q3/Q4
Elevators								
Sys. Avail	96.2%	96.0%	97.2%	96.2%	97.8%	98.0%		96.9%
Sch. Avail	96.3%	96.1%	97.3%	96.3%	97.8%	98.1%		97.0%
Escalators								
Sys. Avail	87.5%	87.0%	86.6%	84.6%	81.5%	83.1%		85.1%
Sch. Avail	90.7%	88.3%	89.5%	86.9%	84.6%	87.3%		87.9%

FY 2011 Q1/Q2	JUL	AUG	SEP	OCT	NOV	DEC		Avg. of Q1/Q2
Elevators								
Sys. Avail	95.5%	94.6%	95.9%	96.4%	96.9%	96.6%		96.0%
Sch. Avail	95.5%	95.0%	96.8%	97.2%	97.0%	96.6%		96.3%
Escalators								
Sys. Avail	88.6%	89.4%	89.4%	87.4%	88.5%	89.4%		88.8%
Sch. Avail	91.2%	91.6%	91.3%	89.3%	90.5%	92.4%		91.0%

FY 2010 Q3/Q4	JAN	FEB	MAR	APR	MAY	JUN		Avg. of Q3/Q4
Elevators								
Sys. Avail	97.3%	97.8%	97.3%	97.8%	97.1%	96.7%		97.4%
Sch. Avail	97.3%	97.8%	97.4%	97.9%	97.3%	96.7%		97.4%
Escalators								
Sys. Avail	90.0%	89.7%	89.4%	90.1%	89.8%	90.2%		89.9%
Sch. Avail	92.2%	92.0%	91.8%	92.2%	92.5%	92.5%		92.2%

FY 2010 Q1/Q2	JUL	AUG	SEP	OCT	NOV	DEC		Avg. of Q1/Q2
Elevators								
Sys. Avail	96.6%	94.7%	93.1%	96.9%	95.8%	97.1%		95.7%
Sch. Avail	96.7%	94.7%	93.1%	97.1%	95.9%	97.1%		95.8%
Escalators								
Sys. Avail	88.9%	89.9%	90.1%	90.4%	91.3%	91.8%		90.4%
Sch. Avail	91.0%	92.1%	92.8%	93.4%	93.9%	94.1%		92.9%