

Inspection Report

Form FTA-IR-1

United States Department of Transportation Federal Transit Administration

							- T .	<i>,</i> -			_							
Agency/Department	Inforn	mation			æ	el	6	(6)										
Inspection Date	-	2016		мм 01	D 1		Repor	t Number	20	0160114	I-WMAT	A-CM	NT-1					
Rail Agency Name		Washin		tropolitan			Rail A	gency tment		ar Maint	tenance	Su	b- De	partmer	nt	Alex	andria	
Boil Agong, Donortus		710411011		me			Ema				Office Ph	none			N	lobile I	Phone	
Rail Agency Departme Contact Information	ent						- 	_	4					77			•	
Inspection Summary																		
Activity Code		VM-GEN	N-MTG	VM-GE	N-TOUR													
Inspection Units		1			1													
Inspection Subunits		1			1													
Defects (Number)																	,	
Recommended Findin	g	Yes	No	Yes	No	Ye		- 1	res	No	Yes	1	10	Yes	No		res	No
	_	Yes	X No	Yes	X No	Ye			res	□ No	 Yes		10	Yes	No		□ ⁄es	 No
Action Required			X		х]					[
Recommend Reinspec	tion	Yes	No X	Yes	No X	Ye			res □	No	Yes	1		Yes	No		res □	No 🗆
Individual Inspection	Inforr	mation									_							
Inspection Activity #	1	Inspection Subject	n	Meeting v	with WM	ATA Ca	r Mainte	nance							Acti	•	VM-G MTG	
Department	CMN	١T			Departm Code	ent	CMNT	Insp Date	ection	20		MM 01		DD 14	Time	•	3:15p	pm
Job Briefing Employee Name/Title	Not A	Applicable	(N/A)	1			Accom Inspect	•		Ye		No X	Out I	Brief Co	nducte	d	Yes	No X
Related Reports	N/A						Related	CAPS / I	indings	N/A								
	Ref			le or SOP		Stand	lard		/ Title						_		Refer	ence
Related Rules, SOPs, Standards, or Other	N/A		N/A	Α		N/A		N/A							N,	′A		
	Loca	tion (speci	fv)			Mai	in Track	Y	ard	St	ation		OCC		RTA Fac	ility	FTA	Office
Inspection Location	Alexa 3201	andria Rail L Eisenhow	Yard er Avenu	ie					X									
	Alexa	andria, VA Head Car			Consist					Spec	ify							
Vehicles		N/A			N/A		Equipn	nent		N/A								
	1	O's inspect enior mana										- 1	lumbo efect				0	
	Mr	erintendent	, /	Assistant S	Superinte	ndent	Car Main	tenance;	هزر		Assistan	t R	ecom	mended	i	Yes		No X
Description	Car	Maintenand ned the typ	ce. FWS	O's team e	explained	their r	ew inspe	ction pro	gram at	WMAT	A and	H		Require	d?	Yes		No X
	ridea	ections at S alongs. CM cle inspecti	NT perso	nnel provi	ided an c	vervie	w regardi	ng roles a	nd resp	onsibilit	ies for	ı	ecom	mend R tion?	е-	Yes		No X
Inspector in Charge – I Terrell Williams, FWS0						Ins	pector in	Charge -	Signatu	re N	- D A	Digit		ed by ALEXA			CrumLvnn	nePA, ou=FR





	prohibited from operating trains and rely on Rail Transportation (RTRA) for all train moves in the shop and yard. FWSO also reviewed the existing WMATA operating rules for vehicle securement in the yard and shop, and for the pre-trip inspections performed by the train operators.		
Defect Code	N/A/		
Required Action	N/A		

Inspection Activity #	2	Inspection Subject	Meetir	ng with WM	ATA Ca	ır Maintena	ance						ctivity	VM-G TOUR	
Department	СМІ	NT	•	Departmo	ent	CMNT	Inspection Date	2014	MM 01	_	DD 14	⊣ т	ime	3:15p	m
Job Briefing Employee Name/Title	Not	Applicable (N//	A)			Accompa Inspecto		Yes	No X	Ou	t Brief Co	ondu	eted Yes		No X
Related Reports	N/A					Related (CAPS / Findings	N/A							
	Ref		Rule or SC)P	Stand	lard	Other / Title	1			· · · · · · · · · · · · · · · · · · ·		Checklis	t Refere	nce
Related Rules, SOPs, Standards, or Other	N/A		N/A		N/A		N/A						N/A		
	Loca	ition (specify)			Mai	in Track	Yard	Station		OC	c	RTA	Facility	FTA	Office
Inspection Location	320:	andria Rail Yard 1 Eisenhower A andria, VA 223	venue				x]				
		Head Car#		Consist				Specify							
Vehicles		N/A		N/A		Equipme	nt	N/A							
		•	•	•			safety briefing. In ent in the shop e		1	Num Defe	ber of cts			0	
Description	pers	on with a vest.	Also, the b	riefing cove	red the	function o	and the presence of the yellow line	on the shop	,	Reco Findi	mmende	ed	Yes		No X
- con pro-				•			or the shop envir issues were iden				n Requir		Yes		No X
											mmend ection?	Re-	Yes		No X
Defect Code	N/A,	/								•			4		
Required Action	N/A		· · · · · · · · · · · · · · · · · · ·					•							



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United States Department of Transportation Federal Transit Administration

Agency/Department	Inforr	mation			C	ell	(b)	د <i>مل</i> د									
Inspection Date		YYY	Υ	MM	DI	2	Domont I	Number	201	.60114-Wi	4ATA D	FD A 1					
Inspection Date		201	6	01	14	1	Keporti	vumber			VIATA-R						
Rail Agency Name		1	ngton Me rity (WM)	tropolitan ATA)	Area Trai	nsit	Rail Age Departn	•	Rail Trai (RTI	nsportatio	n S	iub- Dep	artment		Alexar	ıdria Sl	пор
Rail Agency Departme	nt		Na	me			Email			Offic	e Phone	!		Мо	bile Ph	one	
Contact Information			-										(LUL	,			
nspection Summary																	
Activity Code		RTRA-G	EN-MTG	RTRA-	RAD-OBS												
Inspection Units			1		1		-										
Inspection Subunits			1		1			-							\vdash		
Defects (Number)																	
Defects (Number)				Vee	N-	Yes	, Na	Yes		A1- \	'es	No	Yes	No	Ye		
Recommended Finding	3	Yes	No X	Yes	No X	T es	s No	1				No 🗆	□ □		[No
Action Required		Yes	No	Yes	No X	Yes	1	l l			'es □	No	Yes	No	Ye		No
		Yes	X No	Yes	No No	Yes	i No		_		'es	No	Yes	No	Ye	-	No
Recommend Reinspec	tion		X		х]	
ndividual Inspection	Infor																
Inspection Activity #	1	Inspecti Subject		Meeting	with WM	ATA Rai	l Transpo	rtation Dep	artme	nt				Activi: Code	•	RTRA- MTG	ΣEN-
Department	RTR	A		1	Departme Code	ent	RTRA	Inspect Date	ion	2016	01		DD 14	Time		3:00pr	n
Job Briefing Employee	Not	Applicable	e (N/A)				Accomp	anied		Yes	No X	Out B	Brief Cond	ducted		Yes	No X
Name/Title Related Reports	N/A						Related	CAPS / Find	lings	N/A	1						
	Ref			lle or SOP		Standa	ard	Other / T	itle							Refere	nce
Related Rules, SOPs, Standards, or Other	N/A		N/	<u>'</u> A		N/A		N/A						N/A			
														FA F''	·	FTA (260
		ation (spec andria Ra				Mair	n Track	Yard		Statio	n	occ	R	TA Facil	ity	FIAC	Office
Inspection Location		1 Eisenhov andria, VA		ue]
	Alex	Head Ca	_		Consist		F			Specify							
Vehicles		N/A			N/A		Equipme			N/A							
٠		-						Rail Yard to n Departme			elves	Numbe Defects				0	
	Cun					•		d their new			ram		mended		Yes		No X
Description	at W	/MATA an	d outline	d the type	s of activi	ties to b	e perforr	ned, includi	ng ani	nounced a		Finding	Required	12	Yes		No
								s, and ridea esponsibiliti			dria						X
	Rail	Yard and	the Yard	Tower. FV	VSO discu	ssed pro	otocols fo	r accessing ATA sugges	the O	perator's (Cab	inspect	mend Re tion?	-	Yes		No X
Inspector in Charge –												gitally signe	ed by ALEX t U.S. Governr	NATER A N	EPA	Cruml	neDA
Alex Nepa, FWSO Trac		Third Rail	Inspecto	or		AL	LEX <i>P</i>	NDE	K A	NEI	γA ο	=FRA FRAC	U.S. Governr FrumLynneP. I.15 19:3 9 :33	A, cn=ALE			merA,
Inspection Team Terrell Williams, Med	enia D	ashiell. Jir	n Cassati	,													





	period while the information is being communicated regarding the presence of FWSO inspectors on the system, FWSO inspectors may want to carry a letter signed by Director, Rail Station & Train Operations (RSTO) granting them access to these locations.
Defect Code	N/A/
Required Action	N/A

Inspection Activity #	2	Inspection Subject	Radio	Compliance	at Alex	andria Yar	d Tower and Rail	Yard				Activity Code		TRA-F BS	RAD-
Department	RTR	A		Departm Code	ent	RTRA	Inspection Date	9999 2016	01	1	DD 14	Time	3:	:00pn	n
Job Briefing Employee Name/Title	Not	Applicable (N//	A)			Accompa Inspecto		Yes	No x	Out	Brief Con	ducted		'es □	No x
Related Reports	N/A					Related (CAPS / Findings	N/A							
	Ref		Rule or SO	OP .	Stand	lard	Other / Title					Checl	dist Re	eferer	nce
Related Rules, SOPs,	N/A		N/A		N/A		N/A					N/A			
Standards, or Other															
	Loca	tion (specify)			Mai	in Track	Yard	Station	n	occ	; R	TA Facility	/ 1	FTA C	ffice
lucus ation I acation	Alex	andria Rail Yar	d												
Inspection Location		1 Eisenhower A andria, VA 223					X]
		Head Car #		Consist				Specify							
Vehicles		N/A		N/A		Equipme	ent	N/A							
	mor	itor radio com	munication	in the Rail	Yard fo	r 30 minut	fice at Alexandria es. FWSO's team	reviewed		Numb Defect				0	
	focu	s on SOP# 1.4.:	13, which re	quires clea	r and co	ncise com	1 ROCC Responsib munication on th	e radio (ref	rain	Recom Findin	nmended g?		Yes		No X
Description	prop	er annunciatio	n of train I	s and unit r	number	s (ID 414 p	al, calm and cour pronounced 4-fou	rteen – Gei		Action	Require	47	Yes		No X
	com requ	munication (GI	R 1.79). FW	SO's inspec	tion tea	ım found tl	o are receiving the hat repeat-backs rd Tower were ge	occurred a		Recom inspec	nmend Rection?	:-	Yes		No X
Defect Code	N/A	/													
Required Action	N/A														



Inspection Report

Form FTA-IR-1

United States Department of Transportation Federal Transit Administration

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Agency/Department	Information
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	YYYY	ММ	DD				
Inspection Date	2016	01	14	Report Number	20160114-WMATA	-TRK-1	
Rail Agency Name	Washington Authority (W	Metropolitan / /MATA)	Area Transit	Rail Agency Department	Track and Structures (TRST)	Sub- Department	Track Inspection (TKIN) and Track Maintenance (TKMT)
a '	1	Name		Email	Office Pho	one	Mobile Phone
Rail Agency Department Contact Information							

Inspection Summary

Activity Code	TRkK-G	EN-MTG												
Inspection Units		1												
Inspection Subunits		1												
Defects (Number)		0												
Recommended Finding	Yes	No x	Yes	No										
Action Required	Yes	No x	Yes	No										
Recommend Reinspection	Yes	No x	Yes	No										

Individual Inspection Information

Inspection Activity #	1	Inspection Subject	Meetin	g with WM	ATA Tr	ack Mainte	nance					ctivity ode	TRK-0	GEN-
Department	TRST	Г		Departm Code	ent	TRST	Inspection Date	2016	MM 01	DD 14	Т	ime	2:00p	om
Job Briefing Employee Name/Title	Not	Applicable (N/A)	_		Accompa Inspecto		Yes	No x	Out Brief	Condu	cted	Yes	No x
Related Reports	N/A					Related (CAPS / Findings	N/A						
	Ref		Rule or SO	P .	Stand	dard	Other / Title					Checklis	t Refer	ence
Related Rules, SOPs, Standards, or Other	N/A		N/A		N/A		N/A			****		N/A		
	Loca	ation (specify)			Ma	in Track	Yard	Station	ı 📗	occ	RTA	Facility	FTA	Office
Inspection Location	1	andria Rail Yard												
mspection Location		1 Eisenhower Av andria, VA 2231					X							
		Head Car #		Consist				Specify						
Vehicles		N/A		N/A		Equipme	nt	N/A						
ALL AND STORY OF THE STORY OF T							ail Yard to introd including			umber of efects			0	
Description							lined the types of			ecommen nding?	ded	Yes		No x
							ons and ridealon sibilities for track		and A	ction Requ	uired?	Yes		No x

Inspector in Charg	ge – Name			
Alex Nepa, FWSO	, Track and	Third	Rail Ins	pector

Digitally signed by ALEMANDER A NEPA
DN: c=US, o=U.S. Government, ou=DOT FRACrumLynnePA,
ou=FRA FRACrumLynnePA, cn=ALEXANDER A NEPA
Date: 2016.01.15 19:43:00-05:00'

Inspection Team

Terrell Williams, Medenia Dashiell, Jim Cassatt,



Form FTA-IR-1

United States Department of Transportation Federal Transit Administration

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Agency/Department Information

Inspection Date	YYYY MM DD			Report Number	20160120-WMATA-JMC-1					
inspection Date	2016	01	20	Report Number	20160120-	WIVIA I A-JIVIC-	.1			
Rail Agency Name	Washington Authority	Metropolita	n Area Transit	Rail Agency Department	Rail Transportation	Sub-Department	Rail Operations Control Center			
Rail Agency Department	N	Name		Email	Office Ph	one	Mobile Phone			
Contact Information										
Inspection Location	Carmen Tur	ner Facility –	Rail Operations	Control Center – 3500 F	Pennsy Drive , Hyatts	villes, MD 20785				

Inspection Summary

Inspection Activity#	1	2	3	4	5	6	7	8
Activity Code	ROCC- GEN-MTG	ROCC-RPB- OBS	ROCC-ST-PI					
Inspection Units	1	1	1	-				
Inspection Subunits	2	1	3					
Defects (Number)	0	1	0					
Recommended Finding	No	No	No					
Action Required	No	No	No					
Recommend Reinspection	No	No	No					

Individual Inspection Activity

Inspection Activity#	1	Insp	ection S	Subject	Ge	eneral	Meeti	ing					Activ Code	ity	RO	cc	GEN	OBS
Job Briefing Employee Name/Title	N/A							ompanie ector?	d	N/A	Out Brief Conducted	Yes	Time	060 11	-		tside nift	Yes
Related Reports							Rela	eted CAP	S/I	Findings								
	Ref				Rule	or SOF	•		St	andard		Other/T	tle		Che	klist	Refere	nce
Related Rules, SOPs, Standards, or Other										_								
Staridards) or stiller																		
	Mai Trac		Yard	St	ation	00	cc	RTA Facilit	у	FTA Office	Track Type	At-g	rade	Tunne	I E	evat	ed	N/A
Inspection Location								Х			Track Type	[Х
												From	_			To)	
Line(s)				Track Numb				Chain i	vlari	ker			_					
	Hea	ad Car	r Numbe	r l	Num	nber of	Cars		_									
Vehicles								Equ	uipn	nent								
								pervisora			. .		ber of D	efects				
											l responsibiliti pproximately		mmend	ed Findir	ng?		1	No
Description											e Green Line.	Actio	n Requi	red?			ſ	No
	WMA	ATA pe	ersonne	Irepor	ed tha	at they l	had a	"No Disp	atch	n" on train 5	08 due to a I cars to run a	Reco	mmend	Reinspe	ction?		ľ	No .

Inspector in Charge - Signature	James Cassatt, Jr Digitally signed by James Cassatt, Jr pht cm-James Cassatt, Jr email-james cassatt glot, gov, cell5 page 22 16 10 21 68 22 16 60 21 68 29 9 69 09	Date January 20, 2016
Inspector in Charge – Name James M. Cassatt	Inspection Team James M. Cassatt,	





1			our servi cations o				also m	onitored	l tra	in movemer	it and radio						
Defect Code		N/															
Required Action	N/A																
• • • • • • • • • • • • • • • • • • • •	· · · · · · · · · · · · · · · · · · ·								-								
Inspection Activity #	2	Insp	ection S	Subjec	t Re	peat B	Backs						Activ Code	•	ROCC	RPB	OBS
Job Briefing Employee Name/Title	N/A							ompanie ector?	d	N/A	Out Brief Conducted	Yes	Time	1	00 – 000	Outside Shift	Yes
Related Reports							Rela	ted CAP	s/I	indings							
Related Rules, SOPs,	Ref				Rule	or SOF	•		St	andard		Other/T	itle		Check	list Refer	ence
Standards, or Other	MSRI	РН			1.79												
															<u> </u>		
Inspection Location	Ma Tra		Yard	S	tation	00	:c	RTA Facilit	у	FTA Office	Track Type	l Ť	rade	Tunne	I Ele	vated	N/A
]						Х					_				Х
			Ţ									From				То	
Line(s)	Red	Line		Track				Chain N	Vlari	_{ker}							
	.,			Num	ber												
						<u> </u>											
Vehicles	Hea	ad Ca	r Numbe	er	Num	ber of	Cars	Equ	uipn	nent							
	FWS	O Tea	m obser	ved Re	d Line C	ontrol	lers co	mpliand	e wi	th rule 1.79.	The team	Num	ber of D	efects			1
											npliance with	Reco	mmend	led Findi	ng?		No
Description	ther	epea smiss	t back ru ion relati	ie, hov ed to "	vever, a Permissi	tew in ive Blo	stance cks."	es of non FWSO w	-con ill co	npliance did ontinue to m	occurwith onitor during	Actio	n Requ	ired?			No
			nt visits.	cato	Cillings	, v C D 10	OKS.						mmeno	l Reinspe	ction?		No
Defect Code										,		<u> </u>					
Required Action	No											_					
Inspection Activity#	3	Ins	pection	Subjec	t Sh	ift Tra	nsfers						Acti- Code	-	ROC	C ST	PI
Job Briefing							Acc	ompanie	ed	21/2	Out Brief		 	06	00 –	Outside	\ \v
Employee Name/Title	N/A							ector?		N/A	Conducted	Yes	Time	11	100	Shift	Yes
	ROC	C1&	2 – date	d 12/7	/15 &					Finally			т				
Related Reports	12/8			, -				tea CAF	^>/ \	Findings							
Deleted Pulsa COS	Ref				Rule	or SO			St	andard		Other/1	itle		Check	dist Refer	ence
Related Rules, SOPs, Standards, or Other						•			<u> </u>			_					
									L						<u> </u>	-	
	Ma		Yard	s	tation	0	сс	RTA Facili		FTA Office		At-	rade	Tunne	el Ele	evated	N/A
Inspection Location	Tra					1		, acill	- 7		Track Type				+		
	Tra			+-													X
	Tra			-			_	Х				L					
]	<u> </u>				_	Х				From				To	
	Yello	ow/G	reen	Tracl													
Line(s)	Yello Orar	ow/G	reen	Traci Num	ς]	X Chain	Mar								^
	Yello	ow/G	reen		ς				Mar								
	Yello Orar Red	ow/Gi	reen	Num	c ber	[hber of			Mar								
	Yello Orar Red	ow/Gi	reen ilver	Num	c ber			Chain									





			n of the Activity Log Books located at the	Number of Defects	0
Bereiter		_	Controller consoles. All entries were ach required box for the month of	Recommended Finding?	No
Description	January.	griatures were present me	active quired box for the month of	Action Required?	No
٠				Recommend Reinspection?	No
Defect Code	N/A				
Required Action	N/A				

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Inspection Form

Form FTA-IR-1

United States Department of Transportation Federal Transit Administration

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Agency/Department Information

Inspection Date	YYYY	ММ	DD	Report Number	20160121	WMATA-JMC-1	
inspection bate	2016	01	21	Report Number	20100121-	ANINIA I A—JIVIC-T	
Rail Agency Name	Washington Authority	Metropolitar	Area Transit	Rail Agency Department	Rail Transportation	Sub- Department	Rail Operations Control Center
Rail Agency Department				Email	Office Ph	one	Mobile Phone
Contact Information							
Inspection Location	Carmen Turi	ner Facility – F	Rail Operations	Control Center – 3500 P	ennsy Drive, Hyatts	svilles, MD 20785	

Inspection Summary

Inspection Activity#	1	2	3	4	5	6
Activity Code	ROCC-GEN-MTG	ROCC-RPB-OBS	ROCC-RWP-OBS			
Inspection Units	1	1	1			
Inspection Subunits	4	1	1			
Defects (Number)	0	0	1			
Recommended Finding	0	0	0			
Remedial Action Required	0	1	1			
Recommend Reinspection	0	1	0			

Activity Summaries

Inspection Activity#	1	Insp	ection S	Subject	Ge	nerali	Meet	ing						Activi Code	ity	RO	СС	GEN	МТС
Job Briefing Employee Name/Title	N/A							ompanie ector?	d	N/A	Out Brief Conducted		Yes	Time		30 - .30		tside hift	No
Related Reports							Rela	ated CAP	s/ i	Findings									
Related Rules, SOPs,	Ref				Rule	or SOP			St	tandard		Ot	her/Ti	tle		Checklist Reference			nce
Standards, or Other																			
	Ma Tra		Yard	Sta	ation	oc	с	RTA Facilit	у	FTA Office			At-gr	ade	Tunne	I	levat	ed	N/A
Inspection Location		ا أ					Х				Track Type			1					Х
Line(s)				Track Numb	er			Chain N	/lari	ker		Fr	om				To		
Vehicles	Hea	ad Ca	r Numbe	er	Num	ber of	Cars	Equ	ıipn	ment					<u> </u>				
	FWS	O Tea	m met w	/ith	9			ra	nde		-		Numb	er of De	efects		T		0
					-		14.11.14.1			troduce the			Recon	nmend	ed Findi	ng?		ľ	No ·
Description	com	ı aıscı munic	ussea the cations a	eir roies nd train	and re mover	es ports. ments.	The t	es and mo team also	me	ored the RO etwith Princ	e Georges		Reme	dial Act	ion Req	uired	7	ſ	No
											on at the ROC	c.	Recor	nmend	Reinspe	ction	?	-	Vo
Remedial Action	N/A	N/A																	

Inspector in Charge - Signature	James Cassatt, Jr Dix (n=James Cassatt, Jr, 0=FRA, ou=DOT, email=james.cassatt), Jr, 0=FRA, ou=DOT, email=james.cassatt@dot.gov, c=US Date: 2016.01.22 13:55:08 05:00	Date January 21, 2016
Inspector in Charge – Name James M. Cassatt	Inspection Team James M. Cassatt, Alexander Nepa,	



Form FTA-IR-1

United States Department of Transportation Federal Transit Administration

ale (b) (6)

Agency/Department Information

In an astion Date	YYYY	ММ	DD	Report Number	20160121-WMATA-AAN-1						
Inspection Date	2016	01	21	Report Number	20100121-	VVIVIA I A-AAIV-J	-				
Rail Agency Name	Washington I Authority	Metropolitan A	rea Transit	Rail Agency Department	Rail Transportation	Sub- Department	Rail Operations Control Center				
Rail Agency Department	ı	Name		Email	Office Pl	hone	Mobile Phone				
Contact Information											
Inspection Location	Carmen Turn	er Facility – Ra	il Operations (Control Center – 3500 Pe	nnsy Drive, Hyattsvi	ile, MD 20785					

Inspection Summary

Inspection Activity #	1	2	3	4	5	6
Activity Code	ROCC-GEN-MTG	ROCC-GEN-PI	ROCC-ST-PI	ROCC-ST-RR		
Inspection Units	1	1	1	1		
Inspection Subunits	4	1	1	2		
Defects (Number)	0	0	0	2		
Recommneded Finding	No	No	No	No		
Remedial Action	No	No	No	No		
Rececommended Reinspection	No	No	No	Yes		

Activity Summaries

Inspection Activity #	1	ins	pection S	ubject	Genera	l Meet	ing			Activity (Code	RO	CC	GEN	OBS
Job Briefing Employee Name/Title	N/A					i	companied pector?	N/A	Out Brief Conducted	Yes	Time	14: 17	30- 00	Outside Shift	Yes
Related Reports						Re	lated CAPS	/ Findings							
	Ref				Rule or So)P		Standard		Other / Title	9		Che	cklist Refere	ence
Related Rules, SOPs, Standards, or Other															
	Ma Tra		Yard	Sta	ation	осс	RTA Facility	FTA Office	Track Type	At-gı	ade	Tunne	l E	Elevated	N/A
Inspection Location		l				□X			mack type]				□Х
										From				То	
Line(s)				Track Numb	er		Chain N	larker							
Vehicles	He	ad Ca	ır Numbei	-	Number	of Car		ipment							
	FWS	O Tea	m met w	ith					-	Numbe	r of Defe	ects			0
					len –				O Team also	Recom	mended	Finding?	,		No
Description	met	Prince	e Georges	Count	ty Fire Liais	on Car	otain James	Key. The tea	m discussed ations and trai	Remed	ial Actio	n Requir	ed?		No
		emen		OHSIDH	icics und fi		ca the not			Recom	mend Re	inspecti	on?		No
Remedial Action															

ALEXANDER	A NEPA	Digitally signed by ALEXANDER A NEPA DN: c=US, 0=U.S. Government, ou=DOT FRACrumLynnePA, ou=FRA FRACt Date: 2016.01.22 09:38:16 -05'00'	Date rumLynnePA, cn=ALEXANDER A NEPA
Inspector in Charge - Name	Inspection Team		



GEN

ROCC

Activity Code



Inspection Activity #

United States Department of Transportation Federal Transit Administration

Inspection Subject

Job Briefing Employee Name/Title	N/A					Accon	npanied	I N/A		Out Brief Conducted	Yes	Time	3 I	430- .700	Outsid Shift	e	Yes
Related Reports						Relate	d CAPS	/ Findings	5								
	Ref			Rule or	SOP			Standard			Other / Ti	le		Ch	ecklist Refe	rence	
Related Rules, SOPs, Standards, or Other																	
Standards, or Other																	
Inspection Location	Main Track	Yard	St	tation	OC	С	RTA Facility	FTA Offic	e	Track Type	At-	grade	Tunn	el	Elevated	1	N/A
						(_ ·]					□X
											From				То		
Line(s)			Track	.		١.	Chain N	larker									
Line(3)			Numb	ber		- 1	D	idi ile.									
Vehicles	Head C	ar Numbe	er	Numb	er of 0	Cars	Fau	ipment									
vernicies				_													
alt										Vinter Storm	n. Numl	er of Def	ects			0	
Samulation (1)								WSO team			Recor	nmended	Finding	?		No	
Description U								equipmen		er. The Roor IATA	Reme	dial Actio	n Requ	red?		No)
	anticipate										Recor	nmend R	einspec	ion?		No)
Remedial Action																	
I A sabbitas #	3 in s	spection S	Cubiost	Chift	t Trans	forc					Activity	Code	F	OCC	ST		PI
Inspection Activity # Job Briefing	3 1113	spections	Jubject	311110	Trans		·				Proceeding		_				
Employee Name/Title	N/A			_		Accor Inspe	npanied	N/A		Out Brief Conducted	Yes	Time	2	430- 1700	Outsid Shift	1	Yes
Related Reports						Relat	ed CAPS	/ Findings	s								
	Ref			Rule or	r SOP			Standard			Other / Ti	le		Ch	necklist Refe	rence	<u> </u>
Related Rules, SOPs,	ROCC 18																
Standards, or Other	12/7/15	& 12/8/15	5	_										+-			
	Main	T .					RTA	FTA									
	Main Track	Yard	St	tation	OC	c	Facility	E .	ce	To a selection of		grade 	Tunr	iel	Elevated		N/A
Inspection Location						x			- 1	Track Type							□X
			Γ'								From				То		
	Yellow/G		Track	.			OL										
Line(s)	Orange/S	Silver	Numi	. 1			Chain N	/larker									
	Red		1												_		
	Head C	ar Numbe	er	Numb	er of	Cars] <u>-</u>							_			
Vehicles							Equ	ipment									
	FWSO te	am perfo	rmed a	physical	inspe	ction c	of the A	ctivity Log E	Books	located at t	he Num	er of De	fects			0)
	Yellow-G	reen, Ora	nge-Sil	ver and F	Red Lii	ne Con	troller o	consoles. A	li entr	ries were		nmende	d Findin	g?		N	0
Description	complete	e and sign	iatures	were pre	esent I	ıı each	require	eu DUX.			Remo	dial Acti	on Requ	ired?		N	0
											Reco	nmend R	einspec	tion?		N	0
Remedial Action																	

General Physical Inspection





Inspection Activity #	4	Ins	pection S	ubject	Shift T	rans	fers				Activity	Code	RC	CC	ST	RR
Job Briefing Employee Name/Title	N/A					- 1	Accom _i Inspect		N/A	Out Brief Conducted	Yes	Time)	30- 00	Outside Shift	No
Related Reports	Maxi	imo					Related	I CAPS	/ Findings						-	
	Ref				Rule or S	OP			Standard		Other / Ti	:le		Che	ecklist Refer	ence
Related Rules, SOPs, Standards, or Other	Maxi	imo									7948260					
Standards, or Other	Maxi	imo									7946827					
Increasion Location	Ma Tra		Yard	St	ation	occ	F	RTA acility	FTA Office	Track Type		grade	Tunne	l [Elevated	N/A
Inspection Location]				□X				mack type						□Х
											From				То	
Line(s)	Gree	n		Track			C.	nain M	arker	F05-1B Swi	tch					
rine(s)	Red			Numb	er			10111 141	arker	A2-68+00			A2 8	0+00)	
Vehicles	Не	ad Ca	r Numbe	r	Number	of C	ars	Equi	pment							
	The	FWSO	team no	ted tw	o items in	the /	Assistan	t Supt.	log that requ	ired work	Numi	er of Def	ects	-		2
					•		•	_	installed at Du 827 – the issu	•	Recor	nmended	Finding?			No
Description									couplers. The		Reme	dial Actio	n Require	ed?		No
	incid	lent ir	volved a	crack o		at s	witch 1	B at Na	vy Yard. The i		Recor	nmend Re	einspectio	on?		1
Remedial Action	FWS	O tea	m will be	perfor	ming walk	ing t	rack ins	pection	ns on 1/27/16	and 1/28/16	. The team	vill inspec	t these lo	catio	ns at that ti	me.



Form FTA-IR-1

United States Department of Transportation Federal Transit Administration

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Agency/Department Information

Increation Data	YYYY	MM	DD	Panart Number	20160126-WMATA-RPM-1				
Inspection Date	2016	01	26	Report Number					
Rail Agency Name	Washington Authority	Metropolitan A	Area Transit	Rail Agency Department	TRST	Sub- Depar	tment		
Rail Agency Department	1	Name		Email	Office Phone		Mobile Phone		
Contact Information									
Inspection Location	Alexandria Ya	ard							

Inspection Summary

Inspection Activity #	1	2	3	4	5	6
Activity Code	TRK-GEN-OBS					
Inspection Units	1					
Inspection Subunits	1					
Defects (Number)	0					-
Recommended Finding	No					
Remedial Action Required	No					
Recommended Reinspection	No					

Activity Summaries

Inspection Activity #	1	Insp	ection Subj	ect	Obser	vation o	f Track Emer	gency Opera	ations	Activity C	ode	TR	(GEN _	OBS
Job Briefing Employee Name/Title	N/A						ompanied ector?	I NO I		No	Time	130	0 0	outside Shift	No
Related Reports	N/A					Rela	ted CAPS / F	indings	N/A			•			
	Ref				Rule or	SOP		Standard	d Other / Title				Check	dist Refe	rence
Related Rules, SOPs, Standards, or Other	N/A				N/A	/A N/				N/A		N/A			
	Mai Trac		Yard	Sta	tion	осс	RTA Facility	FTA Office	Track Tune	At-grad	le	Tunnel	Elev	ated	N/A
Inspection Location			×	Ε					Track Type					ם	\boxtimes
					Τ'					From				То	
Line(s)	N/A		Track Numbe	er	N/A		Chain Mar and/or Sta		N/A			N/A			
	Hea	ad Car	Number		Numbe	r of Cars					-			_	
Vehicles		N/	/A		N	/A	Equipr	nent	N/A						
							nd Structure			Number	of Defec	ts			0
							ent. FWSO/BO			Recomm	ended F	inding?			No
Description							tracking of sn ating with wo		I progress, as earing track.	Remedia	I Action	Required	?		No
	***	us pro	per radio di	- BC						Recomm	ended R	einspectio	on?		No
Remedial Action				****											

Inspector in Charge - Signature	ERRELL A WILLIAMS	Digitally signed by TERRELL A WILLIAMS DN: c=US, 0=U.S. Government, ou=DOT Headquarters, ou=FTAHQ, cn=TERRELL A WILLIAMS Date: 2016.01.27 07:2847-05 00'	Date 1/26/2016
Inspector in Charge – Name Terrell Williams	Inspection Team		

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Inspection Form

Form FTA-IR-1

United States Department of Transportation Federal Transit Administration

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Agency/Department Information

In an astion Date	YYYY	MM	DD	Report Number	20160125-WMATA-RPM-1				
Inspection Date	2016	01	25	Report Number					
Rail Agency Name	Washington Metropolitan Area Tran Authority			Rail Agency Department	SAFE	Sub- Dep	artment		
Rail Agency Department	-	Name		Email	Offic	ce Phone		Mobile Phone	
Contact Information							7		
Inspection Location		onversation pe usion into the I		lling Speed Couplers" an	d the need for	the RWPM committ	ee to revie	w the practice for	

Inspection Summary

,						
Inspection Activity #	1	2	3	4	5	6
Activity Code	SAFE-GEN-MTG					
Inspection Units	1					
Inspection Subunits	1					
Defects (Number)	0					
Recommended Finding	No					
Remedial Action Required	No					
Recommended Reinspection	Yes					

Activity Summaries

Inspection Activity #	1	Inspe	ction Subj	ect	Rollin	g Speed (Couplers (RV	VPM)		Activity Co	de	SAFE	GEN	MTG
Job Briefing Employee Name/Title	N/A						ector?	No	Out Brief Conducted	No	Time		Outside Shift	No
Related Reports	N/A					Rela	ted CAPS / I	indings	N/A			····		
	Ref				Rule o	SOP		Standard		Other / Ti	tle		Checklist Refe	rence
Related Rules, SOPs, Standards, or Other	RWP	М			ATC us	se of Speed Couplers		N/A		N/A			N/A	
	Ma Tra	1	Yard	Stat	ion	осс	RTA Facility	FTA Office	Track Type	At-grade	e T	unnel	Elevated	N/A
Inspection Location				_					ilack Type					☒
		1			T .	Fr		From			То			
	1		Track		N/A		Chain Ma	rker	N/A			N/A		
Line(s)	N/A		Numbe	er	IN/A		and/or St	ation(s)						
	He	ad Car	Number		Numbe	r of Cars								
Vehicles		N/A	Α		N	/A	Equip	ment	N/A					
	Re-in	spection	on activity	 condı	ucted by	the FWS	SO/BCG tear	n with the D	epartment of	Number	of Defect	s		0
Description	SAFE	Deput	y Chief of I	Rail Sa	afety. 🖷		was appr	ised of the u	se of the term	Recommo	ended Fir	nding?		No
	"Roll	ing Spe	eed Couple	rs" by e form	/ ATC te m of pro	chnicians tection t	on the Green	en/Yellow Lii iot a recogni	ne. The ROCC zed form of	Remedia	Action R	equired?		No
	prote	ection i	in the RWP for discuss	М. 🕠		will k	oring the issu	ue to the RW	PM	Recommo	ended Re	inspectio	n?	Yes
Remedial Action														

Inspector in Charge - Signature	TERRELL A WILLIAMS	Digitally signed by TERRELL A WILLIAMS DN: c=US, o=U.S. Government, ou=DOT Headquarters, ou=FTAHQ, cn=TERRELL A WILLIAMS Date: 2016.01.27 07:35:54 -05'00'	Date 1/26/2016
Inspector in Charge Name Terrell Williams	Inspection Team		



Form FTA-IR-1

United States Department of Transportation Federal Transit Administration

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Agency/Department Information

Inspection Date	YYYY	MM	DD	Damant Number	20160126	20160126-WMATA-AAN-1				
inspection Date	2016	01	26	Report Number	20160126	O-VVIVIA I A-AAI	A-T			
Rail Agency Name	Washington f Authority	Metropolitan A	rea Transit	Rail Agency Department	Track and Structures	Sub- Departme	ent			
Rail Agency Department	ı	Name		Email	Office	Phone	Mobile Phone			
Contact Information										
Inspection Location	Alexandria Ya	ord Facility – Tr	ack & Structu	res Maintenance – 3101 I	Eisenhower Drive	, Alexandria, VA 223	14			

Inspection Summary

Inspection Activity #	1	2	3	4	5	6
Activity Code	TRK-GEN-OBS					
Inspection Units	1					
Inspection Subunits	6					
Defects (Number)	0					
Recommneded Finding	No					
Remedial Action	No					
Rececommended Reinspection	No					

Activity Summaries

Inspection Activity #	1	Ins	pection Si	ubject	Gener	al Ins	spection	on			Activity	Code	T.	RK	GEN	OBS
Job Briefing Employee Name/Title	Yes					Accompanied Inspector?			None	Out Brief Conducted	Yes	Yes Time		00-	Outside Shift	No
Related Reports							Relate	d CAPS	/ Findings							
Related Rules, SOPs, Standards, or Other	Ref				Rule or S	OP			Standard		Other / Titl	e		Che	cklist Refer	ence
Inspection Location	Ma Tra		Yard	Sta	ation	occ	:	RTA Facility	FTA Office	Track Type	At-g	rade	Tunne	l E	Elevated	N/A
mspection cocation]						□X				ם				□X
-											From				То	
Line(s)				Track Numb	er		(Chain M	larker							
Vehicles	He	ad Ca	r Number	-	Number	of C	ars	Equ	ipment							
	Perfo	orme	l post sto	rm inst	pection of	Com	mand	Center	at Alexandria	Yard, Track &	Numbe	er of Defe	ects			0
	Struc	ctures	Facility.	Upon a	rrival,	-	ре	rforme	d a briefing o	the Winter		mended	Finding?	>		No
									and Center wa ones, compute	as fully staffed ers and video	Remed	ial Actio	n Requir	ed?		No
Description	confe injur with	erenc ies du the e	ing equip uring the s exception	ment. I snow e of the	t was repo mergency	ortec , all r nes w	d that t major l which v	there w lines ha vere op	ere no accide d been restor	ents, incidents or red to service nited service but Recommend Reinspection? No					No	

Inspector in Charge - Signature		Digitally signed by alexander.nepa@dot.go	∨ Date	
alexander r	nepa@dot.gov	DN: cn=alexander.nepa@dot.gov		
alchariacin	repaigating v	Date: 2016.01.26 19:17:19 -05'00'		
Inspector in Charge - Name	Inspection Team			





Remedial Action

N/A

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Inspection Form

Form FTA-IR-1

United States Department of Transportation Federal Transit Administration

Agency/Department Information

Januarian Data	YYYY	MM	DD	Danaut Niveshau	20160126	20160126-WMATA-RPM-2				
Inspection Date	2016	01	26	Report Number	20100120-WWATA-RFW-2					
Rail Agency Name	Washington Metropolitan Area Transit Authority			Rail Agency Department	POWR	Sub- Depar	tment			
Rail Agency Department	1	Name		Email	Office	Mobile Phone				
Contact Information				Ck	5)(6)					
Inspection Location	Alexandria Ya	ard								

Inspection Summary

Inspection Activity #	1	2	3	4	5	6
Activity Code	TP-GEN-MTG					
Inspection Units	1					
Inspection Subunits	1					
Defects (Number)	0					
Recommended Finding	No					
Remedial Action Required	No					
Recommended Reinspection	No					

Activity Summaries

Inspection Activity #	1	Insp	ection Subj	ect	Discus	sion of T	raction Powe	er Emergen	cy Response	Activity C	ode	ТР	GEN	MTG
Job Briefing Employee Name/Title	N/A					Accor	mpanied ector?	No	Out Brief Conducted	No	Time	1300	Outside Shift	No
Related Reports	N/A					Relat	ed CAPS / Fi	ndings	N/A					
	Ref				Rule or	SOP		Standard		Other / T	itle		Checklist Ref	erence
Related Rules, SOPs, Standards, or Other	N/A				N/A			N/A		N/A			N/A	
	Ma Tra	- 1	Yard	Stat	ion	осс	RTA Facility	FTA Office	Tuesda Tama	At-grad	le -	Tunnel	Elevated	N/A
Inspection Location]	×]				Track Type					\boxtimes
					T			.1		From			То	
			Track		N/A		Chain Mar	ker	N/A			N/A		
Line(s)	N/A		Numbe	er	IN/A		and/or Sta	tion(s)						
	He	ad Ca	r Number		Number	of Cars	Equipn		N/A					
Vehicles		N	/A		N,	'A	Equipi	ilent	IN/A					
	FWS	O/BCC	inspection	team	discusse	ed POWF	departmen	t's response	e to snow	Number	of Defec	ts		0
							ate on progr			Recomm	ended Fi	nding?		No
Description	cable	ending es rela	issues relat	ea to sure t	snow m o salt an	eit and fi d other s	looding, spec	chemicals		Remedia	l Action	Required?		No
	Cabit		ica to anpo							Recomm	ended R	einspectio	on?	No
Remedial Action														

Inspector in Charge - Signature	ERRELL A WILLIAMS	Digitally signed by TERRELL A WILLIAMS DN: c=US, o=U.S. Government, ou=DOT Headquarters, ou=FTAHQ, cn=TERRELL A WILLIAMS Date: 2016.01.27 07:32:18 -05'00'	Date 1/26/2016
Inspector in Charge – Name Terrell Williams	Inspection Team	(6) (6)	



Form FTA-IR-1

United States Department of Transportation Federal Transit Administration

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Agency/Department Information

l	YYYY	ММ	DD	Report Number	2016012	20160127-WMATA-EN-1					
Inspection Date	2016	01	27	Report Number	2010012	. / - VV IVIA I A-E	IA-T				
Rail Agency Name	Washington Authority	Metropolitan A	Area Transit	Rail Agency Department	ATC	Sub- Dep	partment	ATC Maintenance			
Rail Agency Department		Name		Email	Offi	ce Phone	1	Mobile Phone			
Contact Information			4		4						
Inspection Location	Alexandria Ya	ard and Eisenh	ower Avenue :	Station							

Inspection Summary

mopocion summary						
Inspection Activity #	1	2	3	4	5	6
Activity Code	STC-GEN-MTG	STC-PI-RR				
Inspection Units	1	1				
Inspection Subunits	1	1				
Defects (Number)	0	1				
Recommended Finding	No	No				
Remedial Action Required	No	Yes				
Recommended Reinspection	No	No				

Activity Summaries

Inspection Activity #	1	Inspe	ection Subj	ect	Meetin SMI	g with A	C to discu	ss progress s	since March	Activity Co	ode	STC	GEN	мтб
Job Briefing Employee Name/Title	N/A					Accon	panied tor?	No	Out Brief Conducted	No	Time	0900 1430		No
Related Reports	2016	0127 -	ATC SMI C	AP Fo	llow-up	Relate	d CAPS /	Findings	SMI Findings	4-27-A, 4-29	9-A, 4-31	-A, 4-32-A	, 8-43-A, 8-43	-В, 8-43-С
	Ref				Rule or	SOP		Standard		Other / 7	Title		Checklist Re	ference
Related Rules, SOPs, Standards, or Other	N/A				N/A			N/A		N/A			N/A	
·	Mai Trac		Yard	Stat	tion	осс	RTA Facility	FTA Office		At-gra	ade	Tunnel	Elevated	N/A
Inspection Location		1					×		Track Type					\boxtimes
			T		T					From			То	
Line(s)	N/A		Track Numbe	er	N/A		Chain Ma and/or St		N/A			N/A		
	He	ad Car	Number		Number	of Cars	Equip	ment	N/A					
Vehicles		N/	′ A		N/	Α	Equip	anienc	IN/A					
								and verify a		Number	of Defe	cts	-	0
									R-8-43-A, R-8-	Recomn	nended	Finding?		No
Description	43-B	, and K hment	(-8-43-C. Ar 1 to this re	naiysis Poort	s or progr Most sig	ess for the	for R-8-4	ngs can be fo 3-A, FWSO c	onfirmed the	Remedi	al Actior	n Required	?	No
2001.ptio.1	follo	wing: 1 ugh 1/2	1) replacem 27/2016; 2	report. Most significantly, for R-8-43-A, FWSO confirmed the ment of the Alstom Gen II track circuits is 89% complete 2) track circuit replacement program has adequate staff and sassigned and adequate budget; 3) the track circuit Remedial Action Required? No Recommended Reinspection? No						No				

Inspector in Charge - Signature	TERRELL A WILLIAMS	Digitally signed by TERRELL A WILLIAMS DN: c=US, 0=U.S. Government, ou=DOT Headquarters, ou=FTAHQ, cn=TERRELL A WILLIAMS Date: 2016.02.01 14:30:23 -05'00'	Date 01/27/2016
Inspector in Charge – Name	Inspection Team		





	replacement program also has the highest priority in obtaining work rights at the
	GOTRS meetings; and 4) as of 1/27/2016, the project is on track to be completed by
	Janurary 2017. For R-4-31-A, FWSO verified that for all other ATC work (outside of
	the Alstom Gen II track circuit replacement project), staffing remains a significant
	challenge. Vacancies include the following: seven (7) of the 32 ATC supervisor
	positions and 20 of the 245 ATC mechanic positions. In addition, WMATA will need
	new positions for the Dulles Corridor Phase 2. At this point in time, the attrition
	rate within ATC exceeds the hiring rate. Unless dramatic changes are made to the
	hiring and training of ATC staff, the continued drop-off of staffing levels with ATC
	will preclude them from carrying out their safety-critical activities. For R-4-32-A,
	policy is still being established within Transit Infrastructure and Engineering
	Services (TIES) and a contractor is still being identified to support work, and there
	have been no ATC specific components developed to implement a formal program
	of Supervisory inspections and quality assurance regarding the performance of the
	ATC testing and maintenance program.
Remedial Action	None – FWSO will continue to monitor ATC staffing and training issues through SMI verification and follow-up activities.

Inspection Activity #	2	Inspe	ection Subje	ect	1	rd Review nhower Av		Inspection r	ecords at C14	Activity C	Code	STC		PI	RR
Job Briefing Employee Name/Title	N/A					Accompanied Inspector?		No	Out Brief Conducted	No	Time	1	1430- Outsic 1530 Shift		No
Related Reports	N/A					Related CAPS / Findings									
	Ref				Rule o	r SOP		Standard		Other /	Title		Che	ecklist Refe	rence
Related Rules, SOPs, Standards, or Other	N/A				N/A			N/A		N/A			N/	A	
	Ma Tra		Yard	Stat	ion	осс	RTA Facility	FTA Office	Track Type	At-gr	ade	Tunnel	Ele	evated	N/A
Inspection Location				Σ	3				паск туре]				×
										From				То	
Line(s)	Yello	w	Track Numbe	r	N/A		Chain Ma and/or St		N/A			N/A			
	He	ad Car	Number		Numbe	er of Cars									
Vehicles		N/	'A		N	1/A	Equip	ment	N/A						
									in satisfactory	Numbe	r of Defe	cts			1
								Relay Test 10		Recomi	mended	Finding?			No
Description								y. Data sheet oer 2015 fron		Remedi	ial Action	Required	1?		Yes
	0030			55					3	Recomi	mended	Reinspecti	ion?		No
Remedial Action		Obtain copy of November and December 2015 Test 1008 data sheets and add them to the log book. Provide FWSO with verification w							on within						

Form FTA-IR-1 Version date: 12/11/15

e· 12/11/15



Attachment 1: January 27, 2016 - Automatic Train Control (ATC) Safety Management Inspection (SMI) Status

Update

R-4-31-A: WMATA must assess adequacy of Automatic Train Control staffing levels resulting from the addition of the Silver Line.

- Currently, seven (7) of the thirty-two (32) ATC supervisor positions in the maintenance division are vacant.
- Currently, twenty (20) of the 245 ATC mechanic positions in the maintenance division are vacant.
- The ATC Construction/Inspection/Testing division has five (5) of 115 positions within the unit open.
- WMATA is experiencing trouble competing with contractor wages structures to attract and maintain employees
- WMATA will need to hire additional staff to ATC staff for Dulles Phase II.
- Currently the WMATA training program was only able to graduate six (6) individual this year to staff ATC positions. The training program is two (2) years in duration and there is no current class underway. With the limited size of the next program planned for the Spring of 2016, (a maximum of 12 individuals for both Power and ATC combined), the program has no hope of supporting an adequate staffing level for ATC.
- At this point in time, the attrition rate within ATC exceeds the hiring rate. Unless dramatic changes are made to the hiring and training of ATC staff, the continued drop-off of staffing levels with ATC will preclude them from carrying out their safety-critical activities.

R-4-29-A: WMATA must ensure that the Rail Operations Control Center reports all signal alarms and notifications to Automatic Train Control.

- WMATA has developed the requirements for ATC alarms and notifications.
- WMATA is currently developing the Business process to support the notification requirements.
- Once the business process is developed and approved it will become Appendix A within OAP 200-2.
- The goal is to ensure that ATC is informed of all significant events involving ATC system alarms.

R-4-27-A: For all major departments with inspection and maintenance responsibilities for critical infrastructure, WMATA must establish and/or update a preventive maintenance and inspection testing quality audit process to ensure compliance with established maintenance and testing practices, and to monitor missed or incomplete preventive maintenance activities and/or inspection.

- ATC has implemented their ATC 1000 manual with procedures for all critical tests and inspections.
- The ATC department is following the manual.
- ATC Supervisors review data sheets for each test that has been performed.
- QAAW is performing quality checks on the documentation and they witness testing activities for compliance with procedures.
- There appears to be inconsistent monitoring of late or missed inspection activities.
- On-site recordkeeping is incomplete.

R-4-32-A: WMATA must ensure that each department within Transit Infrastructure and Engineering Services creates a formal program of Supervisory inspections to observe maintenance, look at quality of work in the field, and formally intervene to evaluate, re-train (if necessary), and enhance the professional development of employees.

- TIES is still in the process of developing a policy to require supervisory inspection and an accompanying training program
- There have been no ATC specific components developed to date

Form FTA-IR-1

Version date: 12/11/15





R-8-43-A: WMATA must assess the resources assigned to the Automatic Train Control Department to ensure their sufficiency to carry out critical work, including completion of the program for replacement of the Alstom Gen II track circuits by 2017.

- The project is 89% complete at this time
- The program has the highest priority in obtaining work rights at the GOTRS meetings
- There is adequate ATC staffing and resources assigned to the program
- Contractor support is also adequate
- Financial resources are adequate
- Project is on track to be completed on schedule by January 2017

R-8-43-B: WMATA must expedite actions to address Corrective Action Plans from 2009 Fort Totten collision, including the 38 open items from the System Implementation Gap Analysis Report.

- WMATA continues to progress toward closing these items by the end of the year
- WMATA provided a matrix that shows 15 open items remaining.
- The current Deputy Chief of ATC, who is heavily involved in moving these items toward closure, is leaving on 1/29/16. An acting replacement has been assigned and a permanent replacement for the position has been advertised. This could impact closure of this item.

R-8-43-C: The Washington Metropolitan Area Transit Authority must replace Automatic Train Control cables with low insulation resistance reading.

- The program is making steady progress and 38% of the cables are already completed (25,700 feet of cable replaced)
- The program is funded and staff has been assigned.
- Priorities have been established and all Phase 1 cables for track circuits have been completed.

Form FTA-IR-1

Version date: 12/11/15 4





all (b) (6)

	track inspection used by TRST fo and inspect the also invite noted that the t confirmed that that activity was	pocket guide, a switch a r gauge and alignment. Track Geometry Vehicle of FWSO Inspectors to jour rack inspection schedule track inspections would s now underway to replay	provided FWSO inspectors wi and signal location map, and concouraged FWSC (TGV) on January 20th from 1 bin his team during track & streen has been shared with FWSO' begin on January 14, 2016. We ace missing third rail coverboa earlier FWSO verification active	urve calculation data Dispectors to observe Opm to 4am. uctures inspection, and s team. FWSO MATA also confirmed rds between Bethesda	Recommend Re- inspection?	Yes	No x
Defect Code	N/A/						
Required Action	N/A						



Inspection Report

Form FTA-IR-1

United States Department of Transportation Federal Transit Administration

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Agency/Department	Information
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	YYYY	YYYY MM DD								
Inspection Date	2016	01	14	Report Number	Report Number 20160114-WMATA-SMNT-1					
Rail Agency Name	1	Washington Metropolitan Area Transit Authority (WMATA)		Rail Agency Department	Systems Maintenance (SMNT)	intenance Sub- Department Alexandria S				
Rail Agency Department	Name			Email	Office F	Phone		Mobile Phone		
Contact Information										

Inspection Summary

									,					
Activity Code	SMNT-G	EN-MTG												
Inspection Units		1												
Inspection Subunits		1												
Defects (Number)		_												
Recommended Finding	Yes	No X	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No
Action Required	Yes	No X	Yes	No	Yes	No 🗆	Yes	No	Yes	No	Yes	No	Yes	No 🗆
Recommend Reinspection	Yes	No X	Yes	No	Yes	No 🗆	Yes	No	Yes	No	Yes	No 🗆	Yes	No 🗆

Individual Inspection Information

Inspection Activity #	1	Inspection Subject	Meetii	ng with WM	IATA Sys	tems Mai	ntenance Departi	ment				1	tivity de	SMNT MTG	-GEN-	
Department	SMN	NT		Departm Code	ent	SMNT	Inspection Date	2016		MM DD 14		Tir	ne	2:30pm		
Job Briefing Employee Name/Title	Not	Applicable (N/A	۸)			Accompa Inspecto		Yes No Out Brief Co.				onduct	ted	Yes	No X	
Related Reports	N/A					Related	d CAPS / Findings N/A									
	Ref		Rule or SC	DP	Stand	ard	Other / Title						Checklis	t Refere	ence	
Related Rules, SOPs, Standards, or Other	N/A N/A				N/A		N/A						N/A			
	Location (specify)				Mai	n Track	Yard	Statio	n	oc	C	RTA F	acility	FTA	Office	
Inspection Location	320	randria Rail Yard 1 Eisenhower A randria, VA 223	venue				х 🗆					[
	1	Head Car #		Consist	<u>' </u>		<u> </u>	Specify								
Vehicles		N/A		N/A		Equipme	ent	N/A						-		
							ail Yard to introd nce Department,		elves	Num Defe	ber of cts			0		
	SMNT General Superintendent and representatives from key SMNT Branches: Communications Superintendent, Communications Office of Finding?								Yes	;	No X					
Description	Syst	ems Maintenar	nce) and Po	wer (جحين	Superinte	erintendent Con ndent, Power and	l Traction).		Action Required?			Yes	5	No X	
	activ	vities to be perf	formed, inc	luding anno	unced a	nd unann	ounced inspectio	ns, records	FWSO's team explained their new inspection program at WMATA and outlined the types of activities to be performed, including announced and unannounced inspections, records reviews, Maximo checks, and ridealongs. SMNT personnel provided an overview regarding							

, cerears, married and a second			
Inspector in Charge – Name Terrell Williams, FWSO, Lead Inspector	Inspector in Charge - Signature ALEXANDER A	NEPA	Digitally signed by ALEYANDER A NEPA DN: C=US, o=US, Gévernment, ou=DOT FRACrumLynnePA ou=FRA FRACrumLynnePA, cn=ALEXANDER A NEPA Date: 2016.01.15 19:41:55-05'00'
Inspection Team Alex Nepa, Medenia Dashiell, Jim Cassatt,			





all (b)(6)

Required Action	N/A										
Defect Code	N/A/										
	activities are scheduled to take place the week of January 25, 2016. Mr and as been working with FWSO's team to schedule these activities, including field observations and inspections. Mr and confirmed that the final schedule will be available soon.										
	SMNT Branches, including Automatic Train Control, Communications and Power. These										
	in greater detail. FWSO also briefly discussed the upcoming verification activities focused on										
	unctional Radio Tests, and in establishing a follow-up meeting to review radio performance										
	responder radio systems. FWSO confirmed the interest of its inspection team in observing										
	Communications personnel provided an overview of the radio system and some of the challenges currently experienced in managing dead spots and coordinating with public										
	roles and responsibilities for systems testing, inspection and maintenance at WMATA.										



Inspection Report

Form FTA-IR-1

United States Department of Transportation Federal Transit Administration



Agency/Department Information

	YYYY	ММ	DD							
nspection Date	2016 01 15			Report Number	20160115-WMATA	A-TRK-2				
Rail Agency Name	Washington Authority (W	Metropolitan 'MATA)	Area Transit	Rail Agency Department	Track and Structures (TRST)	Sub- Department	Track Maintenance (TKMT)			
	Name			Email	Office Pho	one	Mobile Phone			
Rail Agency Department Contact Information										

Inspection Summary

inspection summary														
Activity Code	TRK-	VS-PI												
Inspection Units	:	1												
Inspection Subunits	1	.2												
Defects (Number)		1												
Recommended Finding	Yes	No X	Yes	No 🗆										
Action Required	Yes	No X	Yes	No 🗆										
Recommend Reinspection	Yes	No X	Yes	No 🗆										

Individual Inspection Information

Inspection Activity #	1	Inspection Subject	Physic	al Inspection o	of TRST Vehicle	es stored in Yard					Activity Code	TRK-F	RC-PI
		I and Churching		Departmen	t TRST	Inspection	YYYY	MM	MM DD		Time	0930	- 1200
Department	Trac	k and Structure	Code		11(5)	Date	2016	01	1	15	111116	0550	1200
Job Briefing	l A				Accom	panied	Yes	No				Yes	No
Employee Name/Title					Inspect	or?		Х	Out Bri	ef Condi	истеа		Х
Related Reports						CAPS / Findings					T		
	Ref	<u> </u>	Rule or SC	OP S	Standard	Other / Title					Checklis	t Refer	ence
Related Rules, SOPs, Standards, or Other	MSF	RPH	3.126										
	Location (specify) West Falls Church Rail Yard				Main Track	Yard	Statio	n	осс	RTA	A Facility	FTA	Office
Inspection Location													_
inspection Location	1	1 Idylwood Roa			□ X □								
	Falls	s Church, VA 22	043				- 16					<u> </u>	
		Head Car #		Consist			Specify						
Vehicles					Equipn	ient							
	FW:	SO's Inspection	team perfo	rmed a compl	iance review o	on Safety Rule 3.12	6. The revi	ew	# of Defe	cts		1	
	Yard	d. The following	vehicles w	ere chocked a	s required: ST	within the West F 01, F532, PM48, PM	M60, F604,		Recommering Recomm	ended	Ye		No X
Description	F608, PM36, F475, PM35, F531 and TR07. The following vehicle was not chocked as per Safety Rule 3.126: F528. It should be noted that F528 was located between Class II vehicle							cles	Action Re	Ye		No X	
	tha	t were properly	stored.						Recomm	end	Ye	s	No
									Reinspec	tion?			X
Defect Code													
Required Action													

Inspector in Charge – Name Alex Nepa	ALEXANDER'A NEPA	Digitally signed by ALEYANJER A NEPA DN: c=US, o=U.S. Government, ou=DOT FRACrumLynnePA ou=FRA FRACrumLynnePA, cn=ALEXANDER A NEPA Date: 2016.01.15 19:44:02 -05'00'
Inspection Team Alex Nepa,		



Inspection Report

Form FTA-IR-1

United States Department of Transportation Federal Transit Administration

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Agency/	Department	Information
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Rail Agency Department Contact Information							
	1	Name ·		Email	Office Pho	ne	Mobile Phone
Rail Agency Name	, .	,		Rail Agency Department	Rail Transportation (RTRA)	Sub- Department	n/a
Inspection Date	2016	01	15	Report Number	20160115-WMATA-F	(TRA-2	
,	YYYY	MM	DD	╛₋			

Inspection Summary

	DTDA	CD												
Activity Code	RTRA-0	CR-OBS												
Inspection Units	:	2												
Inspection Subunits]	4												
Defects (Number)		0												
Recommended Finding	Yes	No X	Yes	No	Yes	No	Yes	No	Yes	No 🗆	Yes	No	Yes	No 🗆
Action Required	Yes	No X	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No
Recommend Reinspection	Yes	No X	Yes	No	Yes	No 🗆	Yes	No	Yes	No	Yes	No	Yes	No 🗆

Individual Inspection Information

Inspection Activity #	1	Inspection Subject	Observ	ration of Vel	hicles Per	rforming	Safety Stops in Y	ard				Acti Cod	ivity le	RTRA OBS	-CR-
Department	Rail	Transportation		Departme Code	ent	RTRA	Inspection Date	2016	MM 01		DD 15	Tim	ie	0930	- 1200
Job Briefing Employee Name/Title	n/a					Accompa Inspecto		Yes	No X	Out	Brief Co	nducte	ed	Yes	No X
Related Reports	n/a				1	Related	CAPS / Findings	n/a							
	Ref		Rule or SO)P	Standar	rd	Other / Title					С	hecklis	t Refer	ence
Related Rules, SOPs, Standards, or Other	MSF	RPH	3.89												
	Loca	Location (specify)				Track	Yard	Statio	n _	OCC RT.		RTA Fa	A Facility		Office
lumantian Location	Wes	st Falls Church F	lail Yard								Ì				
Inspection Location		1 Idylwood Roa s Church, VA 22				3	X]	:	
		Head Car #		Consist	·		.···	Specify					-		
Vehicles		n/a		n/a		Equipme	ent	n/a							
	FW:	SO's Inspection	team obser	ved train op	erator co	omplianc	e with safety rule	3.89 and 3	3.92.	# of D	efects			0	
	WM	IATA Safety Rul d objects or sta	e 3.89 requi nding railca	res train op rs. WMATA	erators to Safety Ru	o perfori ule 3.92 i	m safety stops as requires the oper s were made fron	they appro ator to sto	ach	Recon Findin	nmende	d	Yes		No X
Description	Tow	ver. The followin	ng trains we			ei valiOii	s were made non	ii tile Taru		Action	n Require	ed?	Yes		No X
	Trai	n ID 702 – Trac in ID 776 – Trac in ID 775 – Trac	k 2				·				nmend pection?		Yes	;	No X
Defect Code															

Inspector in Charge – Name Alex Nepa, FWSO Track and Third Rail Inspector	ALEXANDER A NEPA	Digitally signed by ALEYANDER A NEPA DN: C=US, o=U.S. Gdvernment, ou=DOT FRACrumLynnePA, ou=FRA FRACrumLynnePA, cn=ALEXANDER A NEPA Date: 2016.01.15 19 40:44 -05'00'
Inspection Team Alex Nepa,		· .





Required Action															
Inspection Activity #	2	Inspection Subject	Ob	servation of Ve	ehicles I	Performing	g Required Stops i	n Yard				Activit Code		RTRA-	CR-
Department	Rail	Transportation	 1	Departm Code	nent	RTRA	Inspection Date	2016	01		DD 15	Time			
Job Briefing Employee Name/Title	n/a					Accomp Inspecto	anied	Yes	No X	Out B	rief Cor	iducted		Yes	No X
Related Reports	n/a			•		Related	CAPS / Findings	n/a							
Related Rules, SOPs, Standards, or Other	Ref MSI		Rule o 3.92	r SOP	Stan	dard	Other / Title					Chec	klist F	Referei	nce
Inspection Location	We 725	ation (specify) st Falls Church 11 Idylwood Ro	ad		Ma	in Track	Yard X	Station	1	occ	F	RTA Facilit	У	FTA C	
	Fall	s Church, VA 22 Head Car #	2043	Consist	L	Ţ	<u> </u>	Specify							
Vehicles		n/a		n/a		Equipme	ent	n/a							
	WN wal	ATA Safety Ru	le 3.92 re tions wer	equires the ope	erator t	o stop with	ce with safety rule nin the yard when ne following train	there is a c	ross	# of De Recomi Finding	mended		Yes	0	No X
Description	IIa		, , , , , , , , , , , , ,						-	Recom		d?	Yes Yes		No X No
Defect Code										Reinspe	ection?				X
Required Action															



Inspection Report

Form FTA-IR-1

United States Department of Transportation Federal Transit Administration

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Agency/Department Information

	YYYY	ММ	DD				
Inspection Date	2016	01	15	Report Number 20160115-WMAT		A-CMNT-2	
Rail Agency Name	Washington Metropolitan Area Transit Authority (WMATA)		Rail Agency Department	Car Maintenance (CMNT)	Sub- Department	West Falls Church Shop	
Pail Agangs Danartmant		Name		Email	Office Pho	one	Mobile Phone
Rail Agency Department Contact Information							

Inspection Summary

Activity Code	VM-GE	N-MTG												
Inspection Units		1		_										
Inspection Subunits		1												
Defects (Number)		0												
Recommended Finding	Yes	No X	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No □
Action Required	Yes	No X	Yes	No	Yes	No	Yes	No	Yes	No 🗆	Yes	No	Yes	No
Recommend Reinspection	Yes	No X	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No □

Individual Inspection Information

Inspection Activity #	1	Inspection Subject	Meetir	ng with WM	ATA Ca	r Maintena	ance					Activity Code	VM-G MTG	iEN-
Department	СМІ	NT		Departm Code	ent	CMNT	Inspection Date	2016	01	DD 15		Time		
Job Briefing Employee Name/Title	Not	Applicable (N/A	۸)			Accompa Inspecto		Yes	No X	Out Brief	Condu	ucted	Yes	No X
Related Reports	N/A					Related (CAPS / Findings	N/A						
	Ref		Rule or SC)P	Stand	lard	Other / Title					Checklis	t Refere	ence
Related Rules, SOPs, Standards, or Other	N/A		N/A		N/A		N/A					N/A		
	Loca	cation (specify)				ain Track Yard		Station		осс		A Facility	FTA	Office
Inspection Location	West Falls Church Rail Yard 7251 Idylwood Road Falls Church, VA 22043				_ x									
		Head Car #		Consist				Specify						
Vehicles		N/A		N/A		Equipme	ent	N/A						
							hurch Rail Yard to alls Church CMN			Number of Defects			0	
December 2		, Assis	tant Superi	ntendent –	West F	alls Church	Service & Inspector Service & Inspector	ction. FWSC)'s	Recommen Finding?	ded	Yes		No X
Description	tear to b	n explained the e performed, ir	ir new inspe	ection proground and another the section of the sec	ram at \ d unanr	WMATA ar nounced in	nd outlined the ty spections at Serv	pes of activice and	vities	Action Req	uired?	Yes		No X
	Insp	ection (S&I) sho	ops.				_	_	- 1	Recomment inspection?		Ye:		No X
Defect Code	N/A	/												
Required Action	N/A												_	

Inspector in Charge – Name Alex Nepa, FWSO Track and Traction Power Inspector	ALEXANDER A NEPA	Digitally signed by ALEXADOM: A NEPA DN: c=US, o=US. Government, ou=DOT FRACrumLynnePA, ou=FRA FRACrumLynnePA, cn=ALEXANDER A NEPA Date: 2016.01.15 19:38 24-05'00'
Inspection Team Alex Nepa,		



Form FTA-IR-1

United States Department of Transportation Federal Transit Administration

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Agency/Department Information

Increation Date	YYYY	MM	DD	Panart Number	20160110	WMATA-TW-2	
Inspection Date	2016	01	19	Report Number	20100119-	VV IVIA I A- I VV-2	
Rail Agency Name	Washington Authority	Metropolitan	Area Transit	Rail Agency Department	Chief of Police	Sub- Department	Jackson Graham (JGB)
	1	Name		Email	Office P	hone	Mobile Phone
Rail Agency Department Contact Information							
Inspection Location	Jackson Graf	nam Building	600 Fifth Street	t, NW Washington, DC 2	20001		

Inspection Summary

<u> </u>								
Inspection Activity #	1	2	3	4	5	6	7	8
Activity Code	ELDR-GEN- MTG							
Inspection Units	1							
Inspection Subunits	0					i		
Defects (Number)	0							
Recommended Finding	No	[Yes/No]						
Action Required	No	[Yes/No]						
Recommend Reinspection	No	[Yes/No]						

Individual Inspection Activity

Inspection Activity #	1	Insp	ection S	ubject	Me	eting \	WMATA	A Chief	of P	olice Metro	Transit Polic	e		Activ	ity Code	E	LDR	GEN	MTG
Job Briefing Employee Name/Title	N/A	•					Accor	npanie	d	No	Out Brief Conducted		No	Time	14	:45		itside Shift	No
Related Reports	N/A						Relate	ed CAP	S / F	indings	N/A								
	Ref				Rule	or SOP			St	andard		Ot	her / Ti	tle		Che	ecklist	Referen	ce
Related Rules, SOPs, Standards, or Other	N/A				N/A				N,	/A		N/	Ά			N/A	٩		
Standards, or Other	N/A				N/A				N,	/A		N/	Ά			N/A	Α		
	Ma Tra		Yard	S	tation	00	СС	RTA Facilit	y	FTA Office	Track Type		At-g	rade	Tunne	el	Eleva	ted	N/A
Inspection Location]						Х			таск туре]					Х
												Fr	om				1	о	
				Track				Chain N	4		N/A				N/A				
Line(s)	N/A			Numl	oer	N/A	`	Chain i	viari	ker			-			***			
	He	ad Ca	ır Numbe	er	Num	ber of	Cars												
Vehicles		N	I/A			N/A		Equ	uipn	nent									
	FWS	O's In	spection	Team	raveled	to Wi	MATA's	Jackson	n Gr	aham Buildi	ng to introdu	ce	Numb	per of D	efects				0
											he Chief brief	ly	Reco	mmend	ed Findir	ng?		ľ	No
Description	discu	ıssed + bo i	how Eme	ergency	/ Manag	gement	ts role i	n the Sa	arety 'SO	y Managemo	ent System Ilso expressed	4	Actio	n Requi	red?			ľ	No
	inter	est in	attendir	ng weel	dy and i	month	ly safet	y and se	ecur	ity meeting	s with local	_	Reco	mmend	Reinspe	ction	?	ľ	No
Inspector in Charge - S			ERR		=					Digitally signed b	by TERRELL A WILLIAM . Government, ou=DC	MS OT Hea	adquarters, c	ou=FTAHQ, c	n=TERRELL	Dat 1/1	e 9/201	.6	

Form FTA-IR-1 Version date: 1/19/16

Inspector in Charge – Name

Terrell Williams

Inspection Team

Terrell Williams, Stephen Slaughter, Medenia Dashiell



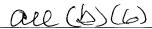


	Council of Governments.	
Defect Code		
Required Action		



Form FTA-IR-1

United States Department of Transportation Federal Transit Administration



Agency/Department Information

Increation Data	YYYY	MM	DD	Report Number	20160110 \	WMATA-TW-1	
Inspection Date	2016	01	19	Keport Number	20160119-1	/V IVIA I A- I VV-T	·
Rail Agency Name	Washington Authority	Metropolitan <i>i</i>	Area Transit	Rail Agency Department	Deputy General Manager	Sub- Department	Jackson Graham (JGB)
Rail Agency Department	ı	Name		Email	Office Ph	ione	Mobile Phone
Contact Information							
Inspection Location	Jackson Grah	nam Building 6	600 Fifth Stree	t, NW Washington, DC 2	20001		

Inspection Summary

Inspection Activity #	1	2	3	4	5	6	7	8
Activity Code	ELDR-GEN- MTG							
Inspection Units	1							
Inspection Subunits	0							
Defects (Number)	0							
Recommended Finding	No							
Action Required	No							
Recommend Reinspection	No							

Individual Inspection Activity

Inspection Activity #	1	Ins	pection Su	ubject	Me	eting '	WMAT	TA Execut	tive	staff at JGB				Activi	ty Code	EL	DR	GEN	MTG
Job Briefing Employee Name/Title	Not a	applica	able [N/A]				ompanied ector?	i	No	Out Brief Conducted		No	Time	14:	:00		side ift	No
Related Reports	N/A			_			Rela	ted CAPS	/ F	indings	N/A								
	Ref				Rule	or SOP			Sta	andard		Ot	her / Ti	tle		Chec	cklist F	eferer	ice
Related Rules, SOPs, Standards, or Other	N/A				N/A				N/	'A		N/	Α			N/A		_	
	Ma Tra		Yard	St	ation	00	сс	RTA Facility	,	FTA Office	T		At-g	rade	Tunne	I E	levate	ed	N/A
Inspection Location]						Х			Track Type			ם					X
												Fr	om				To)	
Line(s)	N/A		ı	Track Numb	er	N/A		Chain N	/lark	er	N/A				N/A				
	He	ad Ca	ır Numbei	r	Num	ber of	Cars												
Vehicles		N	N/A			N/A		Equ	ııpm	ent									
	FWS	O's In	spection t	team tr	aveled	to WN	ΛΑΤΑ':	s Jackson	Gra	ham Buildi	ng to introduc	ce	Numb	er of De	efects				0
											uty General	Ì	Recor	nmende	d Findin	g?			No
Description	Man	ager, litv &	Internal C	n, Actir Iomplia	ng Chiei nce –O	r saret perati	ons, 🛍	er, A		, Deputy	ng Director, Chief, Rail &		Actio	n Requii	ed?				No
	Facil	ities,		S	afety O	perati	ions M	lanager a	nd N	n chart, out	🖦, Safety		Recor	nmend	Reinspec	tion?		1	No

Inspector in Charge – Signature	EKKELL A WILLIAMS	Digitally signed by TERRELL A WILLIAMS DN: c-US, o=U.S. Government, ou=DOT Headquarters, ou=FTAHQ, cn=TERRELL A WILLIAMS Date: 2016.01.20 13:48:51 -05'00'	Date 1/19/2016
Inspector in Charge – Name Terrell Williams	Inspection Team Terrell Williams, Medenia Dashiell, Stephen S	laughter	





Required Action	N/A				
Defect Code	N/A				
	guiding document Routine and Targe Directive. FWSO week. WMATA cl and FWSO commi Inspection Report for closing out an	ts. We spoke of the various eted types and the process to and WMATA discussed the sarified their requests regard itted to ensuring that the costs cs completed to date. FWSO	sight and Surveillance Plan a s types of inspections from V that could lead to developing seven (7) Inspection Reports ding courtesy copies for thes ourtesy copy list receives cop and WMATA also discussed m an inspection. FWSO will	Verification, g a Safety from last se forms, pies of all the process	



Form FTA-IR-1

United States Department of Transportation Federal Transit Administration

YYYY

MM

DD

Agency/Department Information

Inspection Date	<u> </u>	1111		141141			Dano	rt Numbe	r 20160	111	Q_\A/n	AATA	LNAKE	1_1			
inspection Date		2016		01	19	9	керс	nt Number	20100)	J-VV I	VIA I A	-IVINL)-T			
Rail Agency Name	1	Washingt Authority		etropolitan	Area Tra	nsit	Rail A	gency tment	RTRA		s	ub- Dep	artment	!	RTRA		
Rail Agency Departme	nt		Nar	me			Ema	nil		Offic	e Phone	•		N	Mobile Pl	one	
Contact Information																	
Inspection Location		Green Lin	e fron	n Gallery Pl	ace/Chin	atown to	Navy	Yard	all	(K	3)(دم					
spection Summary																	_
Inspection Activity #		1		2		3		4	5			6		7			8
Activity Code		TRK-RI- OBS										-					-
Inspection Units		1															
Inspection Subunits		N/A															
Defects (Number)		N/A															
Recommended Finding	3	No		[Yes/No]	[Yes/No]		[Yes/No]	[Yes/N	lo]	[Y	es/No]	<u>ו</u>	Yes/I	No]	[Ye	s/No]
Action Required		No		[Yes/No]	[Yes/No]		[Yes/No]	[Yes/N	lo]	[Y	es/No]	[Yes/I	Vo]	[Ye	s/No]
Recommend Reinspec	tion	No		[Yes/No]	[]	Yes/No]		[Yes/No]	[Yes/N	lo]	[Y	es/No]	ľ	Yes/f	No]	[Ye	s/No]
ndividual Inspection	Activity																
Inspection Activity #		Inspection	ı Subj	ject Ric	ding Inspe	ection						Activi	ty Code	1	rk	RI	ОВ
Job Briefing Employee Name/Title	N/A	· · · · · · · · · · · · · · · · · · ·		· · · · · · · · · · · · · · · · · · ·	1	Accompa nspector		No	Out Brief Conducted		No	Time	150	00	Outsi Shif	- 1	No
Related Reports	FTA Co	mplaint #	9028		F	Related C	CAPS /	Findings	N/A						<u> </u>		
	Ref			Rule	or SOP		S	standard		Oth	ner / Tit	le		Che	cklist Re	eren	ce
Related Rules, SOPs,	N/A					*****	1										
Standards, or Other																	
	Main Track	l Ya	rd	Station	осс		RTA	FTA Office			At-gr	ade	Tunnel		Elevated		N/A
Inspection Location	Х]						Track Type								Х
			T							Fro	om				То		
11	C		Tr	ack	N/A	Cha	in Mai	rkar									
Line(s)	Green		N	umber	INJA	Cita	iiii iviai	ikei					-				
	Head	d Car Num	ber	Nun	ber of Ca	ars	Equip	ment	7000 Series								
Vehicles	Mide	dle Car #7	026		8		quip		7000 Series	<i>-</i>							
								outton access			Numb	er of De	fects				0
								call button v	vas readily p to complair	nt	Recom	mende	d Findin	g?			No
Description									Inaccessibilit		Action	Requir	ed?			N	No
Description	to Eme	ergency Ca	all Bu	ttons and T	rains Sto	pping in	Tunne	ls.		· [Reinspec				No

MEDENIA DASHIELL

Terrell Williams, Medenia Dashiell, Stephen Slaughter

Inspection Team

Digitally signed by MEDENIA DASHIELL
DN: c=U.S. o=U.S. Government, ou=DOT Headquarters, ou=FRAHQ, cn=MEDENIA
DASHIELL
DASHELL
DASHE2LO: 012.08:57-05'00'

Date

1/20/2016

Form FTA-IR-1 Version date: 1/19/16

Inspector in Charge - Signature

Inspector in Charge – Name

Medenia Dashiell



Form FTA-IR-1

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Defect Code	N/A				
Required Action	N/A				

Form FTA-IR-1

Version date: 12/11/15



Form FTA-IR-1

United States Department of Transportation Federal Transit Administration

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Agency/Department Information

Increation Date	YYYY	ММ	DD	Report Number	201601	27-WMATA-T\	A/ 1	
Inspection Date	2016	01	27	Report Number	201001	27-VVIVIA I A-1 V	AA-T	
Rail Agency Name	Washington Authority	Metropolitan <i>i</i>	Area Transit	Rail Agency Department	RTRA	Sub- Departi	ment	
ail Agency Department	1	Name		Email	Off	fice Phone		Mobile Phone
Contact Information			طنتفله				1	
Inspection Location	Shady Grove	Rail Yard 159	03 Somerville (Orive Rockville, MD 2085	5			

Inspection Summary

Inspection Activity #	1	2	3	4	5	6
Activity Code	OPS-GEN-MTG					
Inspection Units	1					
Inspection Subunits	1					
Defects (Number)	0					
Recommended Finding	No					
Remedial Action Required	No					
Recommended Reinspection	No					

Activity Summaries

Inspection Activity #	1	Insp	ection S	ubject	Disc	ussion	of Rail Y	ard O	perations		Activity	Code	OF	S GEI	MT(
Job Briefing Employee Name/Title	N/A						Accomp Inspecto		N/A	Out Brief Conducted	N/A	Time		Outsi Shir	
Related Reports	N/A						Related	CAPS	/ Findings						
	Ref				Rule o	SOP			Standard		Other / Tit	le		Checklist Re	ference
Related Rules, SOPs, Standards, or Other	N/A				N/A				N/A		N/A			N/A	
In-making Landing	Mai Trac		Yard	St	ation	oco	~. I	RTA acility	FTA Office	Track Type	At-g	grade	Tunnel	Elevated	N/A
Inspection Location								Х		Truck Type		_			х
											From			То	
Line(s)	N/A			Track Numb	er	N/A	1		arker Station(s)	N/A			N/A		
	Hea	ad Car	r Numbe	r	Numb	er of C	Cars					•			
Vehicles		N,	/A			N/A		Equi	ipment	N/A					
	FWS	O Insp	ection T	eam m	et with S	Superir	ntenden	S			Numb	er of Def	ects		0
	Safet	y Offic	cer 🗨		and	l other	staff to	discus	s our Inspecti		Recon	nmended	Finding?		No
	from	yard	staff wor ament ar	rked do id third	ouble sh I rails in	ifts and the va	d more t rd. Provi	o succ ded a	essfully clear	of the entire ra	Reme	dial Actio	n Require	ed?	No
Description	yard main	includ tenan	ding the ince, cont	ail sho rol tow	p, prime er, Auto	move matic	er equipn Train Co	nent, : ntrol,	signaling roon power branch nd how this ca	n, plant n and other	Recor	nmended	Reinspec	tion?	No

Inspector in Charge - Signature	TERRELL A WILLIAMS	Digitally signed by TERRELL A WILLIAMS DN: C=US, 0=US. Government, ou=DOT Headquarters, ou=FTAHQ, cn=TERRELA WILLIAMS Date: 2016.01.28 14:09:08-05'00'	Date 1/28/2016
Inspector in Charge – Name Terrell Williams	Inspection Team Terrell Williams, Al Nepa and Stephen Slaught	ter	





	platform overcrowding. Discussed challenge of preventing "tagging" of rail cars and the cost of cleaning these vehicles.	
Remedial Action		



Form FTA-IR-1

United States Department of Transportation Federal Transit Administration

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Agency/Department Information

Inspection Date	YYYY	MM	DD	Donout November	20160120) \A/\\ A \ T \ \ \ A \	A. 1	
inspection Date	2016	01	28	Report Number	20160128	B-WMATA-AA	IA-T	
ail Agency Name	Washington I Authority	Metropolitan .	Area Transit	Rail Agency Department	Track and Structures	Sub- Departme	ent	Track Inspection
Rail Agency Department	ſ	Name		Email	Office	Phone		Mobile Phone
Contact Information			النوش					
Inspection Location	Navy Yard Int	erlocking – Sv	vitches F05-18,	. FO5-3B and associated f	rogs			

Inspection Summary

Inspection Activity #	1	2	3	4	5	6
Activity Code	TRK-RIN-PI	TRK-RWP-OBS	TRK-RAD-OBS	TRK-WI-PI		
Inspection Units	1	1	1	1		
Inspection Subunits	1	1	2	2		
Defects (Number)	0	0	0	0		
Recommneded Finding	No	No	No	No		
Remedial Action	No	No	No	No		
Rececommended Reinspection	No	No	No	No		

Activity Summaries

Inspection Activity #	1	insp	ection S	ubject	Re-	Inspec	tion					Activity Co	de	TI	RK	RIN	PI
Job Briefing Employee Name/Title	Z				•		Accompa Inspector		l Yes	Out Brief Conducted	1	Yes	Time		00 – 100	Outside Shift	No
Related Reports	2016	0121-	WMATA	-AAN-1			Related (CAPS	/ Findings						···	1	
n.l., In.l., con	Ref				Rule o	r SOP			Standard		0	ther / Title			Che	cklist Refe	ence
Related Rules, SOPs, Standards, or Other																	
	Ma Tra		Yard	St	ation	00	ר ו	TA cility	FTA Office	T	L	At-gra	de	Tunne	l E	Elevated	N/A
Inspection Location	×	Х					ם			Track Type				X			
												From				То	
Line(s)	Green Line			Track Numb	er	2	Cha	in M	larker	F2 CM 120	+00)		F2 C	M 100	0+00	
Vehicles	He	ad Car	· Numbe	r	Numb	per of		Equi	ipment								
	The	WSO	team pe	rforme	d a re-i	nspec	tion of a cr	acke	d frog defect a	ssociated wi	th	Number	of Defe	cts			0
	1								striction was a			Recomm	ended I	Finding?			No
Description	1						_		peen installed. ed. The FWSO t			Remedia	l Action	Requir	ed?		No
·	mair	itenan	ce stand	ards, a	nd the r	remaii		onen	mpliance with ts of switch F0			Recomm	end Re	-inspecti	ion?		No
Remedial Action	None	-															
alexande	ignatur 2 7. 7	้ำe	pa(ુ છે	ot.	gc	Digit DN: Date	cn=a	signed by alexalexander.nep 16.01.29 09:14	a@dot.gov	@d	ot.gov			Da:	te -28-2016	
Inspector in Charge – N Mr. Al Nepa	lame			tion To				•							•		





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Inspection Activity #	2	Insp	ection S	ubject	RW	P Brie	fing C)bservati	on			T	Activity Co	de	Ti	RK	RWP		OBS
Job Briefing Employee Name/Title	*		3		b			ompanie ector?	d	Yes	Out Brief Conducted		Yes	Time		00 – 200	Outsid Shift		No
Related Reports							Rela	ted CAP	S/ I	Findings									
	Ref				Rule o	r SOP			St	tandard		Ot	her / Title			Ch	ecklist Refe	rence	
Related Rules, SOPs, Standards, or Other	RWPN	VI																	
Standards, or other									L										
Inspection Location	Maii Trac		Yard	St	ation	00	ć	RTA Facilit	у	FTA Office	Track Type		At-gra	de	Tunne	'	Elevated	N,	/A
Inspection Location	х						ם				ITACK Type				X				
				-								F	rom				То		
Line(s)	Greer			Track		2		Chain I	Mar	kor	F2 CM 120-	+00			F2 C	M 10	00+00		
Line(s)	Green	ı		Numb	oer			Chairi	viai	REI									
Vehicles	Hea	d Car	Numbe	r	Numl	ber of	Cars	Equ	uipr	ment									
										· · · · · · · · · · · · · · · · · · ·									
											ne FWSO tea	m	Number					0	
										dway worke would use t	r in charge) train approac	h	Recomm		<u>_</u> _			No	
Description	warni	ing, (T	AW) as	our me	eans of p	oroted	ction.	He revie	wed	d and identif	ed the		Remedia	l Action	Requir	ed?		No_	
	guide	, and		ns' RW						viewed hazar on of all requ			Recomm	end Re-i	nspect	ion?		No	
Remedial Action	None																		

Inspection Activity #	3	Insp	ection S	ubject	Radio	Comm	nunications			Activity C	ode	TF	RK	RAD	OBS
Job Briefing Employee Name/Title	11		5			- 1	ccompanied	Yes	Out Brief Conducted	Yes	Time		00 –	Outside Shift	No
Related Reports						R	elated CAPS	/ Findings							
	Ref				Rule or S	OP		Standard		Other / Title			Che	cklist Refer	ence
Related Rules, SOPs, Standards, or Other	MSRP	Ή											_		
	Mai Trac		Yard	Sta	ation	осс	RTA Facility	FTA Office	Track Type	At-gra	ade	Tunne	I E	Elevated	N/A
Inspection Location	Х								таск туре			Χ			
										From				То	
Line(s)	Green	n		Track Numb	er 2		Chain M	larker	F2 CM 120+	-00		F2 C	M 10	0+00	
Vehicles	Hea	ad Ca	r Numbe	r	Number	of Ca		ipment							
Vernicles	Th - F		\ .		DWIC			<u> </u>	tion with the	Numbe	r of Defe				0
	ROCC	. Mr.	. Те	queste	d permissi	on acc	cess to the r	oadway using	train approach	Recomm	nended I		,	_	No No
Description	warn	ing, (TAW) as	means	of protect	ion. R	OCC repeate	ed back the re	quest, made th	ne ———	al Action				No
								oadway work enter the roa		Recomm	nend Re	-inspect	ion?		No
Remedial Action	None	•	,												





Inspection Activity #	4 Ins	pection S	ubject	Phy	sical I	nspec	tion			Activity Co	ode ·	TR	RK	WI	PI
lob Briefing Employee Name/Title		5	(K)	ملك	.2		ompanied ector?	Yes	Out Brief Conducted	Yes	Time	110 120		Outside Shift	No
Related Reports						Rela	ted CAPS	/ Findings						!	
	Ref			Rule o	r SOP			Standard		Other / Title			Chec	klist Refe	ence
Related Rules, SOPs, Standards, or Other															
nspection Location	Main Track	Yard	St	ation	00	СС	RTA Facility	FTA Office	Track Type	At-gra	ıde	Tunnel	E	levated	N/A
inspection Location	x								таск туре			Х			
								· · · · · · · · · · · · · · · · · · ·		From	•		·	То	
.ine(s)	Green Track Numb				2		Chain M	larker	F2 CM 120-	+00		F2 CI	M 100	1+00	
/ehicles	Head Ca	ar Numbe	r	Numb	oer of	Cars	Equ	ipment							
	1	•				•		ch F05-3B and			of Defe	cts			0
	compone			ound wi	thout	excep	tion and	in compliance	with WMATA	Recomm	nended F	inding?			No
Description	maniteria	c stanc	iai asi							Remedia	al Action	Require	d?		No
										Recomm	end Re-	inspection	on?		No
Remedial Action	None														

Photos:



Figure 1 - F05 - 1B Frog Replacement







Figure 2 - F05 1B Side Rail Replacement



Form FTA-IR-1

United States Department of Transportation Federal Transit Administration

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Agency/Department Information

In an astion Date	YYYY	MM	DD	Donort Number	201601	28-WMATA-AA	\ NI 2	
Inspection Date	2016	01	28	Report Number	201601	20-WIVIA I A-AF	41V-Z	
Rail Agency Name	Washington I Authority	Metropolitan <i>i</i>	Area Transit	Rail Agency Department	TRST	Sub- Departn	nent	Inspection
Rail Agency Department	ı	Name		Email	Off	ice Phone		Mobile Phone
Contact Information								
Inspection Location	Dupont Circle	e – A2 CM 68+	00 – A2 CM 80	+00 fastener tightening r	e-inspection			

Inspection Summary

Inspection Activity #	11	2	3	4	5	6
Activity Code	TRK-RIN-PI	TRK-RWP-OBS	TRK-RAD-OBS			
Inspection Units	1	1	1			
Inspection Subunits	1	1	2			
Defects (Number)	0	0	0			
Recommneded Finding	No	No	No			
Remedial Action	No	No	No			
Rececommended Reinspection	No	No	No			

Activity Summaries

Inspection Activity #	1	Insp	ection S	ubject	Re-	Inspec	tion					Activity Co	de	TF	RK	RIN	PI
Job Briefing Employee Name/Title	5		2,				Accor	npanied	Yes	Out Brief Conducted		Yes	Time	123 13		Outside Shift	No
Related Reports	2016	0121-	WMATA	-AAN-	1		Relate	ed CAPS	/ Findings								
	Ref				Rule c	r SOP			Standard		Otl	her / Title			Che	ecklist Refe	ence
Related Rules, SOPs, Standards, or Other																	
	Ma Tra	4 1	Yard	St	ation	00	сс	RTA Facility	FTA Office	Track Type		At-gra	de	Tunne	ı	Elevated	N/A
Inspection Location	>	(]			таск туре				Х			
											F	rom				То	
				Track		_		Chain N	Anrican	A2 CM 68+	00			A2 C	M 80	0+00	
Line(s)	Red	Line		Numl	oer	2		Cilaili N	idi kei								
Vehicles	He	ad Car	Numbe	r	Num	ber of	Cars	Equ	ipment					1			
	The	EWSO.	team ne	erforme	ed a re-i	nsnec	tion of	10 loos	 e fastener defe	cts reported (on	Number	of Defe	cts			0
	1/21	l/16. T	he team	obser	ed that	the fa	astener	s identi	fied on track #1	had been		Recomm	ended	Finding?)		No
									. While at the I			Remedia	l Action	n Requir	ed?		No
Description	lag bolts had been replaced on track #2. The FWSO team confirmed that all Maximo										Recomm	end Re	inspection	on?		No	
Remedial Action	Non							_					_		_		
alexande	ignatu 2 r. r	า๊e	pa@	્રેd	ot.	gc)V [N: cn=	signed by ale: alexander.nep 16.01.29 09:16	a@dot.gov	@dc	ot.gov			1 -	ate 1-28-2016	
Inspector in Charge – Mr. Al Nepa	Name			ction T I Nepa											•		





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Inspection Activity #	2	Ins	ection S	Subject	RW	P Brie	fing Ol	bservatio	on			Α	Activity Co	de	TI	RK	RW	Р	OBS
Job Briefing Employee Name/Title			21					mpanied	d	Yes	Out Brief Conducted		Yes	Time		30 - 30	Outs Shi		No
Related Reports							Relat	ted CAPS	S / F	Findings									
	Ref				Rule o	r SOP			St	andard		Oth	er / Title			Ch	ecklist Re	feren	ce
Related Rules, SOPs, Standards, or Other	RWP	М						-											
Staridards, St. St. C.													_						
Inspection Legation	Ma Tra		Yard	St	ation	oc	:c	RTA Facility	,	FTA Office	Track Type		At-gra	de	Tunne	١	Elevated		N/A
Inspection Location	×						ו				mack Type				X				
				-						, , , , , , , , , , , , , , , , , , , ,		Fr	rom				To		
Line(s)	 Red I	line		Track		2		Chain N	/arl	ker	A2 CM 68+	00			A2 C	M 8	80+00		
Line(s)	""	LIIIC		Numb	er	_	-			NC.									
Vehicles	He	ad Ca	r Numbe	r	Numl	ber of	Cars	Fau	iinn	nent									
Verncies								Lqu	p										
	1		_					•		rm, the FW			Number	of Defe	its				0
											the hazards, ction, and the	,	Recomm	ended F	inding?	1			No
Description	I	0	•			٠,	,,			•	walkway in		Remedia	l Action	Require	ed?			No
	the e	vent		oassage	on bot	h traci	ks. He	verified	the	e teams' RW	FWSO team in P training,		Recomm	end Re-	inspecti	ion?	,		No
Remedial Action	None	2																	
	-																		

Inspection Activity #	3	Ins	pection Sul	ject	Radio	Con	nmunicat	tions				Activity Co	de	TI	RK	RAD	OBS
Job Briefing Employee Name/Title			25		•		Accomp		Yes	Out Brief Conducted	1 *	Yes	Time		30 - 30	Outside Shift	No
Related Reports			-				Related	CAPS	/ Findings								
	Ref				Rule or S	OP			Standard		Ot	her / Title			Che	ecklist Refer	ence
Related Rules, SOPs, Standards, or Other	MSR	PH														·	
Lancation Lanction	Ma Tra		Yard	Sta	ation	oc	C	RTA acility	FTA Office	Track Type		At-gra	de	Tunne		Elevated	N/A
Inspection Location	>								ilack Type	•			Х				
											F	rom				То	
Line(s)	Red Line Track			er	2	Ch	ain IV	larker	A2 CM 68+	-00			A2 (M 80	0+00		
	He	ad Ca	ır Number		Numbe	r of	Cars	E	ipment								
Vehicles								Equ	ipineiit								
	The		team obse				_		communication			Number	of Defe	cts			0
	ROC								ng train appro		٨	Recomm	ended I	Finding?)		No
Description	(IAV	N), as le the	means of p	rotec enera	tion. The Lannoun	KU(em	c repea ents to a	ieu pa II trair	ick the reques	t correctly and that roadway	u	Remedia	l Action	Requir	ed?		No
	worl	workers were assuming the track POCC then gave the permission to enter										Recomm	end Re	-inspect	ion?		No
Remedial Action	Non	e															



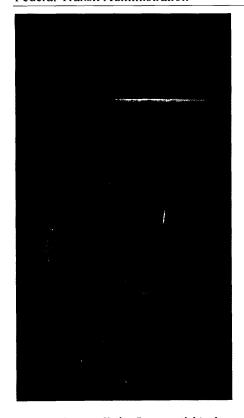


Figure 1 - Dupont Circle - Fastener tightening



Form FTA-IR-1

United States Department of Transportation Federal Transit Administration

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Agency/Department Information

Increation Date	YYYY	MM	DD	Report Number	20160128-WMATA-EN-1				
Inspection Date	2016	01	28	Report Number					
Rail Agency Name Washington Metropolitan Area Tra Authority		Area Transit	a Transit Rail Agency Department		Sub- Depart	Sub- Department			
Rail Agency Department	Name		Email	Office Phone		1	Mobile Phone		
Contact Information									
Inspection Location	Alexandria Ya	ard and Alexan	dria Shop Mez	zanine					

Inspection Summary

,						
Inspection Activity #	1	2	3	4	5	6
Activity Code	COMM-GEN-MTG	COMM-GEN-PI				
Inspection Units	1	1				
Inspection Subunits	1	1				
Defects (Number)	0	1				
Recommended Finding	No	No				
Remedial Action Required	No	Yes				
Recommended Reinspection	No	No				

Activity Summaries

Inspection Activity #	1	Insp	ection Sub	ject	Meeting March S	_	OMM to di	scuss progre	ess since	Activity C	ode	сомі	M GEN	MTG
Job Briefing Employee Name/Title	N/A					Accor	npanied ctor?	No	Out Brief Conducted	No	Time	0900 1430		e No
Related Reports	2016 up	0128	- COMM SN	1I CAP	P Follow- Related CAPS / Findings SMI Findings 4			4-27-A, 4-32	2-A, 5-35	-C				
	Ref				Rule or S	ОР		Standard		Other /	Title		Checklist Re	ference
Related Rules, SOPs, Standards, or Other	N/A	N/A					N/A		N/A			N/A		
	Ma Tra		Yard	Stat	tion (эсс	RTA Facility	FTA Office	Tunali Tuna	At-gra	ade	Tunnel	Elevated	N/A
Inspection Location)		Ε	3		\boxtimes		Track Type					\boxtimes
										From			То	
Line(s)	N/A		Track Numb	ar	N/A		Chain Ma		N/A			N/A		
			, ramo				u, 5. 50							
	He	ad Ca	r Number		Number	of Cars			11/0					
Vehicles		N	/A		N/A	4	Equip	ment	N/A					
	FWS	0 met	t with WMA	TA's C	OMM de	partmer	t to follow	up and veri	fy activities	Number	of Defe	cts		0
performed for S for these finding		for SMI Fir	dings	R-4-27-A	, R-4-32-	A, and R-5	-35-C. Analy	sis of progress	Recomn	nended I		No		
Description									ensure greater	Remedi	al Action	Required	?	No
conformance with its formal inspection and maintenance prog coordinated radio testing with local jurisdictions. However, in				e program, i	including	Recomn	nended I	Reinspecti	on?	No				

Inspector in Charge - Signature	TERRELL A WILLIAMS	Digitally signed by TERRELL A WILLIAMS DN: c=US, o=US. Government, ou=DOT Headquarters, ou=FTAHQ, cn=TERRELL A WILLIAMS Date: 2016.02.01 14:32:47-05'00'	Date 01/28/2016
Inspector in Charge – Name	Inspection Team		





	increased activities, COMM had to eliminate the localized emergency response teams that were previously available during AM and PM rush hours to expedite response to radio failures and emergencies. Also, while work hs started, COMM has not yet converted its inspection and maintenance program into the 1000, 2000, and 3000 series format required to address R-4-27-A. For R-4-32-A, policy is still being established within Transit Infrastructure and Engineering Services (TIES) and a contractor is still being identified to support work, and there have been no COMM specific components developed to implement a formal program of Supervisory inspections and quality assurance regarding the performance of the COMM testing and maintenance program. For R-5-35-C, WMATA recently completed a study that outlines a hybrid solution to improve smoke detection within the tunnels that relies on both visual (CCTV) and aspirated smoke detection. WMATA has estimated a price of approximately \$29 million to implement hybrid solution, but COMM has indicated that no funding source has yet been identified.	
Remedial Action	None – FWSO will continue to monitor COMM resource and policy/procedure develop activities.	oment activities through SMI verification and follow-up

Inspection Activity #	2	Inspe	ection Subje	ect			-directiona Indria Shop		BDA) for radio	Activity Co	ode	сом	м	GEN	PI
Job Briefing Employee Name/Title	N/A	•				Accom	•	No	Out Brief Conducted	No	Time	1230 1300		Outside Shift	No
Related Reports	N/A					Relate	d CAPS / Fi	ndings							
	Ref				Rule or	SOP		Standard		Other / 1	Title		Che	ecklist Refe	erence
Related Rules, SOPs, Standards, or Other	N/A				N/A			N/A		N/A			N/A	4	
	Ma Tra		Yard	Stat	ion	осс	RTA Facility	FTA Office		At-gra	ide	Tunnel	Ele	vated	N/A
Inspection Location]	×	Е]				Track Type						\boxtimes
					1					From				То	
Line(s)	Yello	w	Track Numbe	r	N/A		Chain Ma and/or St					N/A			
Vehicles	He		Number			r of Cars	Equip	ment	N/A					,, <u>,</u>	
		N/.				/A									
								op mezzanir		Number					1
Description	was in good condition and appeare equipment storage cabinet had be											Finding?			No
		•	ne BDA unit.			•			,	Remedia	al Action	n Required	!?		Yes
·					_							Reinspecti			No
Remedial Action	1	cate th ection r		nt sto	rage cal	oinet to al	low full ac	cess to the B	DA unit. Report	on status to	FWSO	within 15 c	days o	of the issua	ince of th



Attachment 1: January 28, 2016 - Communications (COMM) SMI Status Update

R-4-27-A: For all major departments with inspection and maintenance responsibilities for critical infrastructure, WMATA must establish and/or update a preventive maintenance and inspection testing quality audit process to ensure compliance with established maintenance and testing practices, and to monitor missed or incomplete preventive maintenance activities and/or inspection.

- QAAW is performing quality checks on the documentation and they witness testing activities for compliance with procedures.
- COMM does not have an existing 1000, 2000, 3000, or 5000 series manual, but is working to convert their existing inspection and maintenance program to match that format.
- COMM has been working to carry out its inspection and maintenance program as required, and has increased activity following the smoke incident January 12th to include coordinated testing with local jurisdictions.
 - o In order to staff these increased activities, *COMM had to eliminate localized emergency response teams during AM and PM rush hours*. These teams were placed on standby, strategically throughout the operating area to be able to respond to emergencies faster.

R-4-32-A: WMATA must ensure that each department within Transit Infrastructure and Engineering Services creates a formal program of Supervisory inspections to observe maintenance, look at quality of work in the field, and formally intervene to evaluate, re-train (if necessary), and enhance the professional development of employees.

- OPMS will use a contractor to assess training needs for all infrastructure departments, including supervisory training, and help develop a training program.
- TIES is still in the process of developing a policy to require supervisory inspection and an accompanying training program.
- There have been no COMM specific components developed to date.

R-5-35-C: WMATA must improve its ability to detect the location of smoke in its tunnel network.

- WMATA has submitted a study that outlines a hybrid solution to improve smoke detection within the tunnels.
- They hybrid system would rely on visual (CCTV) and aspirated smoke detection.
- WMATA can partially implement the visual system in the short-term using the existing camera network, but will need to add cameras in order to provide full coverage.
- In addition to cameras, aspirated smoke detectors will be able to detect smoke in areas where cameras are limited, but will require inspection and maintenance to ensure proper function.
- WMATA has estimated a price of approximately \$29 million to implement hybrid solution, but COMM has indicated that no funding source has been identified.

Short Term Cost: \$2,294,000.00
Long Term Cost: \$9,780,000.00
Aspirated Cost: \$16,961,250.00

0

Inspection Form

Form FTA-IR-1

United States Department of Transportation Federal Transit Administration

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Agency/Department Information

Increation Date	YYYY	MM	DD	Report Number	201601	20 14/8/4	TA CAC 1			
Inspection Date	2016	01	29	Report Number	20160129-WMATA-SAS-					
Rail Agency Name	me Washington Metropolitan Area Transit Authority		Rail Agency Department	Metro Transit Police	Sub- Department	Patrol Operations Bureau				
Rail Agency Department		Name		Email	Office Ph	one	Mobile Phone			
Contact Information					000					
Inspection Location	Jackso	n Graha	am Buile	ding, 600 5th	Street NW	, Washingto	on, DC 20001			

Inspection Summary

Inspection Activity #	1	2	3	4	5	6
Activity Code	OPS-GEN-MTG					
Inspection Units	1					
Inspection Subunits	1					
Defects (Number)	0					
Recommneded Finding	No					
Remedial Action	No					
Rececommended Reinspection	No					

Activity Summaries

Inspection Activity #	1	Insp	pection S	ubject	Disc	ussio	n of Pa	trol Op	erations Bure	eau	Activity Co	de	OPS		GEN	MTG
Job Briefing Employee Name/Title	N	Ά		-			Accom	panied tor?	N/A	Out Brief Conducted	N/A	Time	1000-	1200	Outside Shift	N/A
Related Reports	N/A					Related CAPS / Finding										
	Ref				Rule o	SOP		Standard Ot			Other / Title			Chec	klist Refere	nce
Related Rules, SOPs, Standards, or Other			N/A N/			/A		N/A	4	N	I/A			N/A		
	Ma Tra	1	Yard	St	ation	00	cc	RTA Facility	FTA Office	T	At-gra	de	Tunnel	E	levated	N/A
Inspection Location]					1	X		Track Type						×
	1					NI//					From				То	
Line(s)	N/A	4		Track Numb		N/A	1	chain M	arker		N/A				N/A	
	He	ad Ca	r Numbe	r	Numb	er of	Cars	J		N/A						
Vehicles		N	1/A			N/A		Equi	pment	IN/A						
	i met	with 🗪	main - OHEF (f the Metro	o Trans	sit Police (Departme	nt, to discuss our	inspection progra	am. Number	of Defe	cts		0	
	Durin	the Me	is in charge	we disc	ussed my	partici	pation in r	multiple a	nich is the largest ctivities including:	attending MTP's	TP. Recomm	ended F	inding?		No	
Description	Description monthly CC		ASTAT mee	tina. atte	nding dail	v roll c	alls in bot	h Patrol D	ivision Sectors, at	ttending	Damadia	al Action	Require	Checklist Reference N/A El Elevated N/A To N/A O ? No red? No		
	discus	ssion, a	nd participa	ting in ri	de alongs	Officers, attending town hall meetings when safety issues are the topic of e alongs with uniform patrol officers.						Recommend Reinspection?			No	
Remedial Action	N/A															

Inspector in Charge - Signature	EPHEN A SLAUGHTER	Digitally signed by STEPHEN A SLAUGHTER DN: c=US, o=U.S. Government, ou=DOT Headquarters, ou=OSTHQ, cn=STEPHEN A SLAUGHTER Date: 2016.02.01 15:57:48 -05'00'	01/29/2016
Inspector in Charge - Name Stephen Slaughter	Stephen S	laughter	



Form FTA-IR-1

United States Department of Transportation Federal Transit Administration

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Agency/Department Information

luanastian Data	YYYY	MM	DD	Donout Number	20160201-WMATA-MKD-1					
Inspection Date	2016	02	01	Report Number	2010020	T-MINIA I A-INIKI	D-1			
Rail Agency Name	Washington I Authority	Metropolitan A	Area Transit	Rail Agency Department	TRST	Sub- Departmen	t TR	ST		
Rail Agency Department Contact Information	Name			Email	Offi	Mobil	Mobile Phone			
Inspection Location	Alexandria Ra	ail Yards								
nspection Summary										
Inspection Activity #	1	2	3	4	5	6	7	8		
	TRK-GEN-							1		

,								
Inspection Activity #	1	2	3	4	5	6	7	8
Activity Code	TRK-GEN- MTG					i		
Inspection Units	1							
Inspection Subunits	N/A							
Defects (Number)	N/A							
Recommended Finding	No	[Yes/No]						
Action Required	No	[Yes/No]						
Recommend Reinspection	No	[Yes/No]						

Individual Inspection Activity

Inspection Activity #	1	Insp	ection S	ubject	Max	ximo F	Reportin	3						Activ	ity Code	Т	RK	GEN	MTG
Job Briefing Employee Name/Title	N/A				Accom	•		No	Out Brief Conducted		No	Time	110	00	Outside Shift		No		
Related Reports							Relate	CAPS	/ Fine	dings	N/A								
Related Rules, SOPs, Standards, or Other	Ref				Rule or SOP				Stan	dard	Other / Ti		tle		Checklist Reference				
	N/A							_											
Inspection Location		lain Yard St		Sta	ation	n OCC		RTA Facility		FTA Office	Track Type		At-gr	At-grade Tunne		E	Eleva	ted	N/A
							X			ilack Type							X		
Line(s)										From						То			
	1		Track		N/A		nain Marker		N/A										
	N/A			Numbe	mber		Chairivi		urke:									·	
Vehicles	Head Car Number				Number of Cars			Equipment N/A			N/A								
	N/A				N/A														
Description	FWSO staff attended a meeting at the Alexandria Rail Yards to											Number of Defects 0					0		
	discuss the reporting, input and closeout of defect work orders into											Recommended Finding?				ľ	No		
	the Maximo data base for Track and Structures division. In											Action Required? No					No		
	attendance from WMATA were									ar.	Recommend Reinspection? No				No				
	n, and the state of the state o											02/01/2016							

Inspector in Charge - Signature	MEDENIA DASHIELL	Digitally signed by MEDENIA DASHIELL DN: c=US, 0=US. Government, ou=DOT Headquarters, ou=FRAHQ, c=MEDENIA DASHIELL Date: 2016.02.03 14:20:26-05'00'	02/01/2016
Inspector in Charge – Name Medenia Dashiell	Inspection Team Medenia Dashiell, Terrell Williams		





	topics of discussion were a corrective action regarding the Maximo system which seemingly deleted active work order reports during processing; the report would "disappear" from status within the system. This issue has now been resolved. In addition, we were provided an updated TGV schedule for the cancelled January 20, 2016 operation due to weather conditions.
Defect Code	N/A
Required Action	N/A