



Inspection Form

Form WMSC-IR-1

Washington Metrorail Safety Commission

Agency/Department Information

Inspection Date	YYYY	MM	DD	Report Number	20210326-WMATA-JMW-2		
	2021	03	26				
Rail Agency Name	Washington Metropolitan Area Transit Authority			Rail Agency Department	OPS	Sub- Department	
Rail Agency Department Contact Information	Name		Email		Office Phone		Mobile Phone
	[REDACTED]		[REDACTED]		[REDACTED]		[REDACTED]
Inspection Location	West Falls Church Yard						

Inspection Summary

Inspection Activity #	1	2	3	4	5	6
Activity Code	RTRA-GEN					
Inspection Units	1					
Inspection Subunits	0					
Defects (Number)	24					
Recommended Finding	No					
Remedial Action Required¹	Yes					
Recommended Reinspection	Yes					

Activity Summaries

Inspection Activity #	1	Inspection Subject Radio Communications – West Falls Church Yard				Activity Code		RTRA	GEN		
Job Briefing Employee Name/Title	West Falls Church Interlocking Operator, S/I Supervisor, and Superintendent.			Accompanied Inspector?	N/A	Out Brief Conducted	Yes	Time	1035	Outside Shift	No
Related Reports	N/A			Related CAPS / Findings		N/A					
Related Rules, SOPs, Standards, or Other	Ref		Rule or SOP		Standard		Other / Title		Checklist Reference		
Inspection Location	Main Track	Yard	Station	OCC	RTA Facility	WMSC Office	Track Type	At-grade	Tunnel	Elevated	N/A
		x						x	x		
Line(s)	K99		Track Number	N/A	Chain Marker and/or Station(s)		From		To		
							N/A		N/A		
Vehicles	Head Car Number		Number of Cars		Equipment						



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Description	<p>The WMSC inspector assisted in conducting a radio inspection at Metrorail's West Falls Church Rail Yard. The WMSC followed up on reports that radio reception in the yard has been less than favorable and is experiencing dead spots on the radio in critical locations. The inspectors accomplished this task by moving through various sites and conducting radio checks with the interlocking operator. While performing these radio checks, the WMSC inspectors could also hear any train operators or other personnel who may have also experienced radio communication issues. Several briefings were conducted with the interlocking operator, shop supervisor, and superintendent at the beginning and end of this inspection. The radio check locations and defects are as follows:</p> <ol style="list-style-type: none"> 1. Tracks 19, 20, and 21 (West and East end of the yard) 2. Tracks 16, 17, and 18 (West, East end inside/outside and car wash) 3. Signal K99 316 E 4. Signal K99 314 E (No Communication/Had to repeat) 5. K99 306 E 6. Road Crossing (Start of a sound barrier) spotty communications 7. K99 156 (T/O and I/O had no communication) 8. K99 164 (T/O could not successfully communicate with I/O) 9. K99 82 10. K99 92 (Spotty) 11. Track YL3 12. N91-44 (No Communication) 13. K99-100 14. Track YL3 CM 5.00 (No Communication) 15. K99-148 (Spotty Communication) 16. K99-96 17. Tracks 6G/6H West End (Spotty Communication) 18. Storage Track 6D (No Communication) 19. Storage Tracks 6B/10 20. 18 W (Spotty Communication) 21. K99-68/64/98/92/302/306 22. K99-204 (Spotty Communication) 23. Storage Tracks(W) 4/1A/3A (Spotty Communication) <p style="margin-top: 20px;">Of note, the WMSC inspectors also came across 11 fire extinguishers that are out of date, in the wrong locations, and need to be replaced. All the fire extinguishers were found along YL3</p>	Number of Defects	24
		Recommended Finding?	No
		Remedial Action Required?	Yes
		Recommended Reinspection?	Yes



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Remedial Action	<p>Metrorail must make better efforts to ensure that its fire extinguishers are correctly updated and in good order. Metrorail must also take measures to ensure the communication from locations in the yard to the I/O can be adequately communicated without dead spots to prevent any incident that can be caused due to improper communication.</p>		
Effective Practices			

¹ The rail transit agency must provide WMSC with the necessary evidence (e.g. maintenance work order system records, photos, documentation, records, data, or other evidence) to close out the Remedial Action. Closeout of Remedial Actions may also be subject to ongoing WMSC verification inspections to ensure corrections are sufficient and effective.

Inspector in Charge - Signature		Date 03/26/21
Inspector in Charge – Name Jemayne Walker	Inspection Team Jemayne Walker	