



Inspection Form

Form WMSC-IR-1

Washington Metrorail Safety Commission

Agency/Department Information

Inspection Date	YYYY/MM/DD 2024/05/31	Report Number	20240524-WMSC-DLB-1
Rail Agency Name	Washington Metropolitan Area Transit Authority	Rail Agency Department	Name
Rail Agency Department	RTRA	Contact Information	
Inspection Location	Alexandria Rail Yard 3201 Eisenhower Ave, Alexandria, VA 22314		

Inspection Summary

Inspection Activity #	1
Activity Code	OBS-RTRA-WI
Inspection Units	1
Inspection Subunits	
Defects (Number)	1
Recommended Finding	Yes
Remedial Action Required¹	Yes
Recommended Reinspection	Yes

Activity Summaries

Inspection Activity #	1	Inspection Subject	Handheld Radios			Activity Code	OBS-RTRA-WI				
Job Briefing Employee Name/Title	Yes.	Accompanied Inspector?	No	Out Brief Conducted	Yes	Time	07:00 AM	Outside Shift	No		
Related Reports	N/A.	Related CAPS / Findings	C-0221								
Related Rules, SOPs, Standards, or Other	Ref	Rule or SOP	Standard	Other / Title			Checklist Reference				
	N/A.	N/A.	N/A.	N/A.			N/A.				
Inspection Location	Main Track	Yard	Station	OCC	RTA Facility	WMSC Office	Track Type	At-grade	Tunnel	Elevated	N/A
					X						
Line(s) & Track Number	Alexandria Rail Yard 3201 Eisenhower Ave, Alexandria, VA 22314			Chain Marker and/or Station(s)		From		To			
						N/A.		N/A.			
Vehicles	Head Car Number		Number of Cars		Equipment	N/A.					
	N/A.		N/A.								
Description	<p>BACKGROUND: Metrorail submitted a New Submission and CAP Closure request. Actionable Item #9 was a compilation of actionable items. Actionable items #1, #2, #6, #7 and #8 require no response from Metrorail after review and meeting the mandates of each actionable item. The Corrective Action required WMATA to remove all analog radios and ensure that only calibrated radios are in use. WMATA submitted documentation stating that only Motorola APX8000 radios are in use and 6115 have been issued. WMATA also submitted a recommendation from Motorola that the APX8000 no longer be calibrated. This recommendation combined with the statement that only APX8000 radios are in circulation supports the closure C-0221. Based on the information provided by Metrorail C-0221 was allowed to move to closure by the WMSC. On Friday May 31, 2024, WMSC Inspectors conducted an unannounced inspection at the C99 Yard to verify that only APX8000 radios are in use by Metrorail personnel. METHOD: Two WMSC inspectors conducted the inspection at the Alexandria rail yard. The procedure used was to ask permission from Metrorail frontline personnel to visually verify that the handheld radios they were using are the required APX8000 radios. A sampling of ten Metrorail personnel was used to gather the data for the inspection. One Metrorail employee was in possession of and using two different digital radios located in the yard control tower. OBSERVATIONS/FINDINGS: The following is a list of the Metrorail personnel sampled and the type of handheld radio(s): 7 RTRA personnel /7 APX8000 radios. 1 SAFE/1 APX8000 radio. 1 APX8000 radio present on a table in a training area, 1APX8000 radio in the tower. 1other type of digital radio in the tower. Outdated Motorola XTS 5000 . Calibration Date November 22, 2023. There were 10 total Motorola APX8000 radios used by Metrorail personnel. However, There was 1 other type of digital radio being used at the C99 Yard tower.</p>							Number of Defects		1	
								Recommended Finding?		Yes	
								Remedial Action Required?		Yes	
								Recommended Reinspection?		Yes	
Remedial Action	Remove and deactivate all handheld radios that are not the Motorola APX 8000.										



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Photos:

Two Different Digital Radios In Tower Alex Yard violated C mn 0221 053124 lp 2 rp 053124.jpg



Non APX8000 Radio In Tower Alex Yard lp 2 rp .jpg



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's Signature		Date 2024/05/31
Inspector in Charge's Name Darrell Braxton	Inspection Team Bruce Walker Manny Lopez	