



## Inspection Form

**Form WMSC-IR-1**

Washington Metrorail Safety Commission

**Agency/Department Information**

<b>Inspection Date</b>	YYYY/MM/DD 2023/09/11	<b>Report Number</b>	20230906-WMSC-MAL-1
<b>Rail Agency Name</b>	Washington Metropolitan Area Transit Authority	<b>Rail Agency Department</b>	Name
<b>Rail Agency Department</b>	CMNT	<b>Contact Information</b>	
<b>Inspection Location</b>	New Carrollton S&I Shop - Railyard D99 4300 Garden City Dr Hyattsville, MD 20785		

**Inspection Summary**

<b>Inspection Activity #</b>	1
<b>Activity Code</b>	VM-WI-PI
<b>Inspection Units</b>	1
<b>Inspection Subunits</b>	1
<b>Defects (Number)</b>	1
<b>Recommended Finding</b>	Yes
<b>Remedial Action Required<sup>1</sup></b>	No
<b>Recommended Reinspection</b>	No

**Activity Summaries**

<b>Inspection Activity #</b>	1	<b>Inspection Subject</b>	Shop / Yard Inspection Observation					<b>Activity Code</b>	VM-WI-PI			
<b>Job Briefing Employee Name/Title</b>	WMATA Inspection	<b>Accompanied Inspector?</b>	Yes	<b>Out Brief Conducted</b>	Yes	<b>Time</b>	08:00 AM	<b>Outside Shift</b>	No			
<b>Related Reports</b>	N/A	<b>Related CAPS / Findings</b>			N/A							
<b>Related Rules, SOPs, Standards, or Other</b>	Ref	Rule or SOP			Standard		Other / Title		Checklist Reference			
	MetroRail Safety Rules and Procedures Handbook (MSRPH). Section 4 - Safety Rules	N/A			N/A		N/A		N/A			
<b>Inspection Location</b>	Main Track	Yard	Station	OCC	RTA Facility	WMSC Office	<b>Track Type</b>	At-grade	Tunnel	Elevated	N/A	
		X									X	
<b>Line(s) &amp; Track Number</b>	New Carrollton S&I Shop - Railyard D99 4300 Garden City Dr Hyattsville, MD 20785			<b>Chain Marker and/or Station(s)</b>		From		To				
						N/A		N/A				
<b>Vehicles</b>	<b>Head Car Number</b>		<b>Number of Cars</b>		<b>Equipment</b>		N/A					
	N/A		N/A									
<b>Description</b>	<p>WMSC Inspectors conducted a rules compliance inspection of the New Carrollton S&amp;I Shop and Yard for compliance with the Metrorail Safety Rules and Procedures Handbook (MSRPH), including Preventive Maintenance Inspections (PMI) activities. General Information: WMSC personnel participated in a demonstration of the 2K3K railcars marker antenna, ATP coil, and auto doors testing process at the New Carrollton S&amp;I shop. CMNT and CENV personnel were conducting ATP coil testing per MSI 180320, ATP Coil Frequency Response, marker antenna testing per MSI 180328, Marker Coil Test, and auto doors testing per SBB 606, Preparation for Auto Doors. The following observations were noted. WMSC met at the New Carrollton Inspection Office and received a safety briefing. ATP coil testing was performed on railcars 2052/53. The left-side and right-side ATP coils failed the test on both railcars. The ATP coils were not marked or tagged as failed. See Attachment #1 and #2. Failed ATP coils will need to be replaced. CMNT and CENV personnel stated that railcars with failed ATP will not be restricted from revenue service if they pass the DST test. CENV stated that ATP frequency data from failed ATP coils is still being evaluated. Marker antenna testing was performed on railcars 2052/53 by placing a test device at the specified distance under marker antenna and by attaching different capacitors to the test device to send frequencies from F1 to F10 to the marker antenna and a second person will call out the frequency received from the operator's console. Two frequencies are not being used. Railcars 2052/53 passed the marker antenna test. CMNT personnel stated that they have not had any marker antennas failures. See Attachment #3.</p>										<b>Number of Defects</b>	1
											<b>Recommended Finding?</b>	Yes
											<b>Remedial Action Required?</b>	No
											<b>Recommended Reinspection?</b>	No
<b>Remedial Action</b>												

<sup>1</sup> 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.

<b>Inspector in Charge's Signature</b>	<b>Date</b> 2023/09/11
<b>Inspector in Charge's Name</b> Manuel Lopez	<b>Inspection Team</b> John DeRenzo