



## Inspection Form

**Form WMSC-IR-1**

Washington Metrorail Safety Commission

### Agency/Department Information

<b>Inspection Date</b>	YYYY	MM	DD	<b>Report Number</b>	20200918-WMATA-KEK-23		
	2020	09	18				
<b>Rail Agency Name</b>	Washington Metropolitan Area Transit Authority			<b>Rail Agency Department</b>	Signals & ATC	<b>Sub- Department</b>	ATCIN
<b>Rail Agency Department Contact Information</b>	<b>Name</b>		<b>Email</b>		<b>Office Phone</b>		<b>Mobile Phone</b>
	[REDACTED]		[REDACTED]		[REDACTED]		[REDACTED]
<b>Inspection Location</b>	Signals and Automatic Train Control (ATC)						

### Inspection Summary

Inspection Activity #	1	2	3	4	5	6
<b>Activity Code</b>	STC-RR-QAI					
<b>Inspection Units</b>	ATC WO					
<b>Inspection Subunits</b>	1					
<b>Defects (Number)</b>	0					
<b>Recommended Finding</b>	NO					
<b>Remedial Action Required<sup>1</sup></b>	NO					
<b>Recommended Reinspection</b>	YES					

### Activity Summaries

<b>Inspection Activity #</b>	1	<b>Inspection Subject</b>	Records Review – Q&A				<b>Activity Code</b>		STC	RR	QAI
<b>Job Briefing Employee Name/Title</b>	N/A		<b>Accompanied Inspector?</b>	N/A	<b>Out Brief Conducted</b>	NO	<b>Time</b>	3:00p	<b>Outside Shift</b>	NO	
<b>Related Reports</b>	WO - N06 #15879385-CM		<b>Related CAPS / Findings</b>								
<b>Related Rules, SOPs, Standards, or Other</b>	<b>Ref</b>		<b>Rule or SOP</b>		<b>Standard</b>		<b>Other / Title</b>		<b>Checklist Reference</b>		
	WMATA SSPP				ATC-2000		ATCMCP, Revision 1.1				
<b>Inspection Location</b>	<b>Main Track</b>	<b>Yard</b>	<b>Station</b>	<b>OCC</b>	<b>RTA Facility</b>	<b>WMSC Office</b>	<b>Track Type</b>	<b>At-grade</b>	<b>Tunnel</b>	<b>Elevated</b>	<b>Interlock</b>
	X		X		X				X		X
<b>Line(s)</b>	Silver-Lines	<b>Track Number</b>	Main	<b>Chain Marker and/or Station(s)</b>			<b>From</b>		<b>To</b>		
							CM: 1079 +/- 67		CM: 1073		
<b>Description</b>	MAXIMO Work Order #15879385 – Type CM (Corrective Maintenance) for an Intermittent HF Track Circuit. <b>PURPOSE:</b> Inspection generated due to WMSC concern of recent frequency of switch and RTU failures.							<b>Number of Defects</b>		1	
								<b>Recommended Finding?</b>		NO	
								<b>Redial Action Required?</b>		NO	
								<b>Recommended Reinspection?</b>		NO	

<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 – Signature</b>	<b>Date</b>
KEMMERY ELAENE KENDRICK	09/18/2020
<b>Inspector in Charge – Name</b>	<b>Inspection Team</b>
KEMMERY E. KENDRICK	WASHINGTON METRO SAFETY COMMISSION (WMSC) - SIGNALS & AUTOMATIC TRAIN CONTROL SUBJECT MATTER EXPERT



# Inspection Form

Form WMSC-IR-1

Washington Metrorail Safety Commission

	<p>W/O: #15879385 – Corrective Maintenance work order generated by MOC staff for an Intermittent High Frequency Track Circuit 9/10/2020.</p> <p><b>GOVERNING COMPLIANCE STANDARD:</b>          WMATA System Safety Plan (SSPP)-2019, ATC-2000, SOP 200-5, and ATC Branch Maintenance Control Policy (ATCMCP)-Revision 1.1.</p> <p><b>NOTABLE ITEMS:</b></p> <ul style="list-style-type: none"> <li>• Root Cause could not be identified.</li> <li>• Team of seven (7) ATCM crew members performed a wayside 3-point verification inspection but could not duplicate the defect.</li> <li>• Cause reported #2500</li> <li>• Remedy reported #3191 – Tested -No trouble found</li> <li>• Total Labor Hours between all crew members - twenty-eight (28), four (4) hours per employee</li> <li>• Total Cost for Labor- \$994.31</li> <li>• Labor Group: ATCSD5N99</li> </ul>	
<b>Remedial Action</b>	NONE	

Photos —

**Washington Metropolitan Area Transit Authority**  
 Maintenance and Material Management System

**Work Order Details**

Page 1 of 1  
 MK76PROD

Work Order #: 15879385  
 Type: CM

Status: CLOSE  
 09/11/2020 22:19

Work Description: N06, BLOCK HOUSE IS REPORTING INTERMITTENT FALSE OCCUPANCY ON TRACK CIRCUIT N2-1074  
 Job Plan Description:

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**Asset:** 596885 ATCS, N06, TRACK 2 CIRCUITS  
**Asset Tag:**  
**Asset S/N:**  
**Location:** N06-STA- PF-RM122- PLATFORM ROOM 122, TRAIN CONTROL TCR

**Owning Office:** ATCS-TSSM  
**Maintenance Office:** ATCS-TSSM-NRFO  
**Labor Group:** ATCSD5N99  
**Crew:**

**Parent:**  
**Create Date:** 09/10/2020 18:12  
**Actual Start:** 09/10/2020 21:39  
**Actual Comp:** 09/11/2020 22:19

**Work Location:**  
**Failure Class:** ATCS002 HIGH FREQUENCY TRACK CIRCUITS  
**Problem Code:** 2142 INTERMITTENT  
**Requested By:**  
**Chain Mark Start:**  
**Create-Mileage:** 0.0

**Lead:**  
**GL Account:** WMATA-02.33530.50499270.042.\*\*\*\*\*.QPR\*\*  
**Supervisor:**  
**Requestor Phone:**  
**Chain Mark End:**  
**Complete-Mileage:** 0.0

**Item:**  
**Target Start:**  
**Target Comp:**  
**Scheduled Start:**

Actual Labor									
Task ID	Labor	Start Date	End Date	Start Time	End Time	Approved?	Regular Hours	Premium Hours	Line Cost
E		09/10/2020	09/10/2020	18:00	22:00	Y	04:00	00:00	\$124.10
E		09/10/2020	09/10/2020	18:00	22:00	Y	04:00	00:00	\$137.88
E		09/10/2020	09/10/2020	18:00	22:00	Y	04:00	00:00	\$137.88
E		09/10/2020	09/10/2020	18:00	22:00	Y	04:00	00:00	\$142.04
E		09/10/2020	09/10/2020	18:00	22:00	Y	04:00	00:00	\$144.86
E		09/10/2020	09/10/2020	18:00	22:00	Y	04:00	00:00	\$138.57
E		09/10/2020	09/10/2020	18:00	22:00	Y	04:00	00:00	\$168.99
<b>Total Actual Hours/Labor:</b>							<b>28:00</b>	<b>00:00</b>	<b>\$994.31</b>

Failure Reporting				
Cause	Remedy	Supervisor	Remark	Date
2500 NO PROBLEM FOUND	3191 TESTED - NO TROUBLE FOUND			09/10/2020

Remarks: see long description...  
 09/10/2020 Eve  
 Did wayside inspection with 3 point verification - readings are same.  
 Could not duplicate the problem -  
 send to flow data log from VUES

WT\_plust\_voprint.rptdesign
09/14/2020 04:56