

Inspection Form

Form WMSC-IR-1

Washington Metrorail Safety Commission

Agency/Department Information

Inspection Date	YYYY/MM/DD	Donart Number	20240215-WMSC-AJF-1					
	2024/02/15	Report Number						
Rail Agency Name	Washington Metropolitan Area Transit Authority	Rail Agency Department	Name					
Rail Agency Department	WMATA	Contact Information						
Inspection Location	Glenmont Rail Yard - 12750 Layhill Rd, Silver Spring, MD 20906							

Inspection Summary

Inspection Activity #	1
Activity Code	STC-RM-OBS
Inspection Units	1
Inspection Subunits	1
Defects (Number)	2
Recommended Finding	No
Remedial Action Required ¹	No
Recommended Reinspection	No

Activity Summaries

Inspection Activity #	1	Ins	pection Sub	on Subject Model 6 Switch Mad			achine Inspe	ection	Activity Code			STC-RM-OBS			
Job Briefing Employee Name/Title	RWIC 2167			Accompanied Inspector?		No	Out Brief Conducted	Yes	Time		10:00 AM		Outside Shift	No	
Related Reports	N/A Re			Related C	APS / Findin	ıgs		N/A	-						
	Ref	Ref Rule or SC					Standard		Other /	Title			Checkli	list Reference	
Related Rules, SOPs, Standards, or Other	TCR location Book-of-			trorail Operating Rulebook tion 17.2 Roadway Worker 18 ETO			ATC 1000		Tools and Equipment All electronic equipment used to make precision measurements during the performance of this procedure must be properly calibrated (see OAP 204-01 and 113-23). Record the calibration information (Model, Serial Number, and Date Due for Calibration) in the space provided on the associated datasheet ATCM required hand toolsLintfree cloth or chamois -Switch crank for applicable switch machineSwitch obstruction gauge -Switch wrenches (as required. for installation switch layout); Yellow Kiel marker - Clamp current meter. Frequency Once every 30 days (Monthly), or immediately after modification or disarrangement of the switch layout, operating or indication circuits (per ATC-2000).						
Inspection Location	Main Track	Yard	Station	occ	RTA F	acility	WMSC Office	Track Type	At-g	rade	Tunn	el Elev		ted I	N/A
		Х							>	(
Line(s) & Track	Glenmont R			ill Rd, Chain Marker and/o Station(s)			d/or N/A		From		То				
Number	Silver Spring	g, MD 20906	5									N/A			
Vehicles	Head Car Number Number of Cars N/A N/A			Equipme	ent	Model 6 Switc	ch Machine	Model 7	'J Switch Co	ontroller	r				
	On February 15, 2024, WMSC Inspector performed a field obser					ld observ	ation on ATC 1000 1007A,		Number of Defects					2	
	Ansaldo Model 6 Switch Machine, at Glenmont Rail Yard (B98), wi							vith ATCM Personnel.		Recommended Finding?				No	
		RWIC 2167 gave a safety job briefing. Topics listed in the					Remedial Action Required?					No			
Description	SJB where types of protection (watchman lookout), Proper PPE, nearest hospital (Holy Cross) and who would be the designated ATC Tower Operator (ATC 2415). WMSC Inspector started observing ATCM Personnel test the yard switch machines as they followed along with the procedure. WMSC Inspector observed key areas on the PMI during the inspection, paying close attention to sections: section 9 - Dynamic Snubbing Resistance Check, section 4 - Switch Obstruction Tests, section 5 - Switch Hand Crank Cut-Out. WMSC Inspector observed ATCM Personnel take voltage reading and made sure they were within the tolerances listed inside the ATC 1000 1007A procedure from section 8 -														



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	Operating Voltage Tests. WMSC Inspector observed ATCM Personnels interaction over the radio, by making sure they were verifying the direction of the switch machines and the current state it was in (In/Out of correspondence) and gave 100% repeat back with ATC Tower Personnel after each step. Prior to completion WMSC Inspector Observed ATCM Personnel perform their final steps in section 11 - Finish and Area Check, by verifying there were no tools or test equipment left outside or inside the switch machine compartments, making sure all lids are closed and secured, checking that the switch machine throws smoothly in both directions, and making sure all personnel were in a place of safety before relinquishing all track rights.	Recommended Reinspection?	No
Remedial Action			

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Photos: IMG_0575.



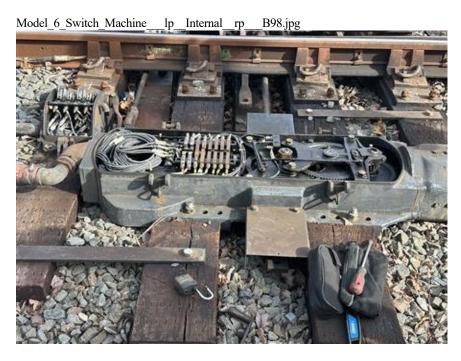
METER_Calibration_B98.jpg





Model_6_Sw_Machine___lp__External__rp___B98.jpg







Model_7J_Switch_Controller_B98.jpg









Bad Insulation on OP Basket Rod b98.jpg



Good_insulation_on_OP_Basket_Rod_B98.jpg



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
2024/02/15

Inspector in Charge's Name
Allen Freeman

Inspection Team