



Inspection Form

Form WMSC-IR-1

Washington Metrorail Safety Commission

Agency/Department Information

Inspection Date	YYYY/MM/DD 2024/03/13	Report Number	20240313-WMSC-FJD-1
Rail Agency Name	Washington Metropolitan Area Transit Authority	Rail Agency Department	Name
Rail Agency Department	CMOR	Contact Information	
Inspection Location	15051 Frederick Road Rockville Md 20850 AWIS Equipment behind TBS15		

Inspection Summary

Inspection Activity #	1
Activity Code	ENG-GEN-PI
Inspection Units	1
Inspection Subunits	
Defects (Number)	
Recommended Finding	No
Remedial Action Required¹	No
Recommended Reinspection	Yes

Activity Summaries

Inspection Activity #	1	Inspection Subject	AWIS #2			Activity Code	ENG-GEN-PI				
Job Briefing Employee Name/Title	██████████ SENIOR PROGRAM MANAGER RAIL CENV	Accompanied Inspector?	Yes	Out Brief Conducted	Yes	Time	10:00 AM	Outside Shift	No		
Related Reports		Related CAPS / Findings				FINDINGS SOP is unsigned. No department has been tasked with cleaning laser lenses. Referenced Permanent Orders could not be found. No warning to Track, Track workers about the equipment, nor lasers, appeared in the direction of approach such workers would follow.					
Related Rules, SOPs, Standards, or Other	Ref	Rule or SOP	Standard		Other / Title			Checklist Reference			
	MOR, Permanent Orders T-22-20, T-22-25, T-22-31, & T-22-52	Permanent Orders T-22-20, T-22-25, T-22-31, & T-22-52			Definition Intermediate Boundary Fence A five (5) foot high, plastic chain fence along sections of Metrorail above ground roadway. Where constructed, it separates Metro property into roadway and NON-roadway territory. Individuals on the track side of the Intermediate boundary fence are considered "on" the roadway; individuals on the non-track side of the Intermediate boundary fence are considered "off" the roadway.						
Inspection Location	Main Track	Yard	Station	OCC	RTA Facility	WMSC Office	Track Type	At-grade	Tunnel	Elevated	N/A
	X							X			
Line(s) & Track Number	15051 Frederick Road Rockville Md 20850 AWIS Equipment behind TBS15			Chain Marker and/or Station(s)			From		To		
							A1-879-10				
Vehicles	Head Car Number		Number of Cars		Equipment		AWIS and Associated equipment.				
Description	Automatic Wayside Inspection System (AWIS) The automated system is designed to take digital images of the train wheelsets, and trucks using laser imagery. These digital images are translated into empirical measurements which are available via the AWIS user interface, TrainBase. AWIS measurements can be individually searched in TrainBase and/or exported as reports that provide time or car level data.						Number of Defects				
							Recommended Finding?			No	
							Remedial Action Required?			No	
							Recommended Reinspection?			Yes	
Remedial Action											



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Photos:
AWIS_WHEEL_LASERS.jpg



HVLV_BLOWER.jpg





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IMG_8093.jpg



TBOGIE_LASERS.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 2024/03/13
Inspector in Charge's Name Frederick Diven	Inspection Team	