

DCA-15-MR-010
Passenger Train Derailment
Philadelphia, PA
May 12, 2015

SIGNAL ATTACHMENT 45

Shore WBB Relays (4) 236.102A, 105, 106

AMTRAK
INSTRUMENT RECORD

Date of Installed or Transferred	Location with designating or track number	Type or Model	Mfr	Resistance	Serial Number	Dates Tested	Date overhauled	Initial charge	Neutral						Polar				Maximum contact resistance	Local voltage	contact opening	Shop or field test	Inspector	
									Dropaway		Pickup		Working current or voltage		Pickup		Working current or voltage							
									Normal	Reverse	Normal	Reverse	Normal	Reverse	Normal	Reverse	Normal	Reverse						
R1H3	1E1TR	PC250P	USS	NA	U32070502	10/19/12	08	OK	S	O	L	I	D		S	T	A	T	E				F	WL
H5	1E1TPR	PN258B	USS	2000	U47070119	10/19/12	08	OK	2.6V		9.0V		9.0V										F	WL
G1	1E1TFPR	PN150B E	USS	60	U1608007	10/19/12	07	OK	7MA		14MA		14MA										F	WL
G3	1E1TBPR	PN150B	USS	100	U490700	10/19/12	07	OK	11ma		25ma		25ma										F	WL
G5	1E1TFBPR	PN150B	USS	100	U4907009	10/19/12	07	OK	11ma		25ma		25ma										F	WL
F5	1E1ADR	PN250B	USS	55	U270725	10/19/12	07	OK	10MA		19MA		19MA										F	WL
D-SHELF	✓ 1DS	DP14	USS	1000	L325097	10/17/14	08	OK	3.2v	3.2v	5.6V	5.6V	6.7v	6.7v	3.1v	3.1v	UPDATE 4B TEST					F	WL	
R2H3	1S1TR	PC250P	USS	NA	U32070250	10/19/12	08	OK	S	O	L	I	D		S	T	A	T	E				F	WL
H5	1S1TPR	PN258B	USS	2000	U21070224	10/19/12	07	OK	2.6V		9.0V		9.0V										F	WL
G1	1S1TFPR	PN150B E	USS	60	U16080076	10/19/12	08	OK	7MA		14MA		14MA										F	WL
G3	1S1TBPR	PN150B	USS	100	U49070095	10/19/12	07	OK	9MA		26MA		26MA										F	WL
G5	1S1TFBPR	PN150B	USS	100	U49070096	10/19/12	07	OK	9MA		26MA		26MA										F	WL
F5	1S1ADR	PN250B E	USS	55	U27072584	10/19/12	07	OK	10MA		19MA		19MA										F	WL
D-SHELF	✓ 1BDS	DP14	USS	1000	N38079	10/17/14	06	OK	3.1v	3.1v	5.7V	5.7V	6.3v	6.3v	3.0v	3.0v	UPDATE 4B TEST					F	WL	

Distribution: White: File copy
Pink: To be retained at location of test
Yellow: To be forwarded to responsible ADE-C&S Office

Signature of maintainer performing test

10/17/14
Date

Signature of Supervisor reviewing test

INSP
Title

10-17-14
Date

* Shop Test only

** Date indicates index registration plate verified for each plug-in relay.

AMTRAK
INSTRUMENT RECORD

Date of installed or Transferred	Location with designating or track number	Type or Model	Mfr	Resistance	Serial Number	Dates Tested	Date overhauled	Initial charge	Neutral				Polar				Maximum contact resistance	Local voltage	contact opening	Shop or field test	Inspector		
									Dropaway		Pickup		Working current or voltage		Pickup							Working current or voltage	
									Normal	Reverse	Normal	Reverse	Normal	Reverse	Normal	Reverse						Normal	Reverse
R1H3	1E1TR	PC250P	USS	NA	U32070502	10/19/12	08	OK	S	O	L	I	D	S	T	A	T	E			F	WL	
H5	1E1TPR	PN258B	USS	2000	U47070119 3	10/19/12	08	OK	2.6V		9.0V		9.0V								F	WL	
G1	1E1TFPR	PN150B E	USS	60	U1608007	10/19/12	07	OK	7MA		14MA		14MA								F	WL	
G3	1E1TBPR	PN150B	USS	100	U490700	10/19/12	07	OK	11ma		25ma		25ma								F	WL	
G5	1E1TFBPR	PN150B	USS	100	U4907009	10/19/12	07	OK	11ma		25ma		25ma								F	WL	
F5	1E1ADR	PN250B	USS	55	U270725	10/19/12	07	OK	10MA		19MA		19MA								F	WL	
D-SHELF	1DS	DP14	USS	1000	L325097	10/19/12	08	OK	3.2v	3.2v	5.6V	5.6V	6.7v	6.7v	3.1v	3.1v					F	WL	
						10/19/12																	
R2H3	1S1TR	PC250P	USS	NA	U32070250 3	10/19/12	08	OK	S	O	L	I	D	S	T	A	T	E			F	WL	
H5	1S1TPR	PN258B	USS	2000	U21070224 2	10/19/12	07	OK	2.6V		9.0V		9.0V								F	WL	
G1	1S1TFPR	PN150B E	USS	60	U16080076 8	10/19/12	08	OK	7MA		14MA		14MA								F	WL	
G3	1S1TBPR	PN150B	USS	100	U49070095 8	10/19/12	07	OK	9MA		26MA		26MA								F	WL	
G5	1S1TFBPR	PN150B	USS	100	U49070096 5	10/19/12	07	OK	9MA		26MA		26MA								F	WL	
F5	1S1ADR	PN250B E	USS	55	U27072584 8	10/19/12	07	OK	10MA		19MA		19MA								F	WL	
D-SHELF	1BDS	DP14	USS	1000	N38079	10/19/12	06	OK	3.1v	3.1v	5.7V	5.7V	6.3v	6.3v	3.0v	3.0v					F	WL	

Distribution: White: File copy
Pink: To be retained at location of test
Yellow: To be forwarded to responsible ADE-C&S Office

Signature of maintainer performing tests

10/19/12
Date

(Signed - Supervisor reviewing tests)

Title

11/2/12
Date

* Shop Test only

* Date indicates index registration plate verified for each plug-in relay

AMTRAK
INSTRUMENT RECORD

Date of installed or Transferred	Location with designating or track number	Type or Model	Mfr	Resistance	Serial Number	Dates Tested	Date overhauled	Initial charge	Neutral				Polar				Maximum contact resistance	Local voltage	contact opening	Shop or field test	Inspector		
									Dropaway		Pickup		Working current or voltage		Pickup							Working current or voltage	
									Normal	Reverse	Normal	Reverse	Normal	Reverse	Normal	Reverse						Normal	Reverse
R3H6	9TR	PN150B H	USS	2000	B5096160	10/19/12	96	OK	9.0V		12V		12V						F	WL			
G1	9TRA	B1	GRS	500	52976R021	10/19/12	96	OK	7MA		11MA		11MA						F	WL			
G3	9WTCCR	PN150E VT	USS	240	U41071132 6	10/19/12	07	OK			9.2V		24V						F	WL			
G5	9WCCR	B1	GRS	500	53172R147	10/19/12	96	OK	7MA		11MA		11MA						F	WL			
G6	1WCCR	B1	GRS	500	52977R389	10/19/12	96	OK	7MA		11MA		11MA						F	WL			
G8	1S1DEDR	B1	GRS	500	52977R087	10/19/12	96	OK	7MA		11MA		11MA						F	WL			
						10/19/12																	
R4H1	1WAHPR	B2	ALS	350	962735	10/19/12	05	OK	9MA		19MA		19MA						F	WL			
H3	1WBHAFPR	B2	ALS	350	962753	10/19/12	05	OK	9MA		19MA		19MA						F	WL			
H5	1WBHAPR	B2	ALS	350	962744	10/19/12	05	OK	9MA		19MA		19MA						F	WL			
H7	1WADPR	B1	GRS	500	53172R194	10/19/12	96	OK	7MA		11MA		11MA						F	WL			
H8	1WBDPR	B1	GRS	500	52977R136	10/19/12	96	OK	7MA		11MA		11MA						F	WL			
G1	1WHDPDR	B1	GRS	500	53172R232	10/19/12	96	OK	7MA		11MA		11MA						F	WL			
G2	1WRGPR	B1	GRS	500	53172R144	10/19/12	96	OK	7MA		11MA		11MA						F	WL			
G3	1WFLR	B1	GRS	18	30033J031	10/19/12	90	OK	53MA		89MA		89MA						F	WL			
G4	1WFLCR	B1	GRS	500	53172R032	10/19/12	96	OK	7MA		11MA		11MA						F	WL			

Distribution: White: File copy
Pink: To be retained at location of test
Yellow: To be forwarded to responsible ADE-C&S Office


Signature of maintainer performing tests

10/19/12
Date


(Signed - Supervisor reviewing tests)

J. W. S. P.
Title

11/2/12
Date

* Shop Test only

** Date indicates index registration plate verified for each plug-in relay.

