

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

SIGNAL ATTACHMENT 41

Shore Switch House Relays (4) 236.102A, 105,
106

SHORE SWITCH HOUSE
SHEET - 4
RACK - 3

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
3F6	54BNWR	B1	ALS T	500	810741	08/02/12	08	OK	8ma		18ma		18ma						F	WL			
3F7	54BRWR	B1	ALS T	500	810491	08/02/12	07	OK	8ma		18ma		18ma						F	WL			
3F8	54OLR	B1	ALS T	135	789451	08/02/12	06	OK	14MA		40ma		40ma						F	WL			

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

* Shop Test only

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



8/2/12
Date



JWSP
Title

8/3/12
Date

(Signed - Supervisor reviewing tests)

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						
3H2	43ANWR	B1	ALS T	500	810482	08/02/12	07	OK	8MA		18MA		18MA										F	WL
3H3	43ARWR	B1	ALS T	500	810430	08/02/12	07	OK	8MA		18MA		18MA										F	WL
3H4	43AOLR	B1	GRS	135	71949T045	08/02/12	98	OK	14MA		40MA		40MA										F	WL
3H6	43A1NWR	B1	ALS T	500	810746	08/02/12	08	OK	8MA		18MA		18MA										F	WL
3H7	43A1RWR	B1	ALS T	500	810728	08/02/12	08	OK	8MA		18MA		18MA										F	WL
3H8	43A1OLR	B1	GRS	135	71949T036	08/02/12	98	OK	14MA		40MA		40MA										F	WL
3G2	43B1NWR	B1	ALS T	500	810477	08/02/12	07	OK	8MA		18MA		18MA										F	WL
3G3	43B1RWR	B1	ALS T	500	810475	08/02/12	07	OK	8MA		18MA		18MA										F	WL
3G4	43B1OLR	B1	GRS	135	65459S069	08/02/12	98	OK	14MA		40MA		40MA										F	WL
3G6	43BNWR	B1	ALS T	500	810755	08/02/12	08	OK	8MA		18MA		18MA										F	WL
3G7	43BRWR	B1	ALS T	500	810489	08/02/12	07	OK	8MA		18MA		18MA										F	WL
3G8	43B1OLR	B1	GRS	135	65459S071	08/02/12	98	OK	14MA		40MA		40MA										F	WL
3F2	54ANWR	B1	ALS T	500	810744	08/02/12	08	OK	8MA		18MA		18MA										F	WL
3F3	54ARWR	B1	ALS T	500	810748	08/02/12	08	OK	8MA		18MA		18MA										F	WL
3F4	54OLR	B1	GRS	135	65459S149	08/02/12	98	OK	14MA		40MA		40MA										F	WL

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Signature of maintainer performing tests

8/2/12
Date

TWSP
Title

8/3/12
Date

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(S)

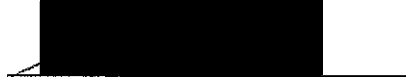
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									Dropaway		Pickup		Working current or voltage		Pickup							Working current or voltage	
									Normal	Reverse	Normal	Reverse	Normal	Reverse	Normal	Reverse						Normal	Reverse
2H2	32ANWR	B1	ALS T	500	810410	08/02/12	07	OK	8MA		18MA		18MA						F	WL			
2H3	32ARWR	B1	ALS T	500	810750	08/02/12	08	OK	8MA		18MA		18MA						F	WL			
2H4	32AOLR	B1	ALS T	135	789447	08/02/12	06	OK	14MA		40MA		40MA						F	WL			
2H6	32A1NWR	B1	ALS T	500	810538	08/02/12	07	OK	8MA		18MA		18MA						F	WL			
2H7	32A1RWR	B1	ALS T	500	810717	08/02/12	08	OK	8MA		18MA		18MA						F	WL			
2H8	32A1OLR	B1	ALS T	135	789452	08/02/12	06	OK	14MA		40MA		40MA						F	WL			
2G2	32B1NWR	B1	ALS T	500	810487	08/02/12	07	OK	8MA		18MA		18MA						F	WL			
2G3	32B1RWR	B1	ALS T	500	810754	08/02/12	08	OK	8MA		18MA		18MA						F	WL			
2G4	32B1OLR	B1	ALS T	135	789444	08/02/12	06	OK	14MA		40MA		40MA						F	WL			
2G6	32BNWR	B1	ALS T	500	810456	08/02/12	07	OK	8MA		18MA		18MA						F	WL			
2G7	32BRWR	B1	ALS T	500	810483	08/02/12	07	OK	8MA		18MA		18MA						F	WL			
2G8	32BOLR	B1	ALS T	135	789455	08/02/12	06	OK	14MA		40MA		40MA						F	WL			

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									Dropaway		Pickup		Working current or voltage		Pickup		Working current or voltage										
									Normal	Reverse	Normal	Reverse	Normal	Reverse	Normal	Reverse	Normal	Reverse									
1H2	21ANWR	B1	ALST	500	810768	08/02/12	08	OK	8ma		18ma		18ma												F	WL	
1H3	21ARWR	B1	ALST	500	810751	08/02/12	08	OK	8ma		18ma		18ma												F	WL	
1H4	21AOLR	B1	ALST	135	789445	08/02/12	06	OK	14MA		40ma		40ma												F	WL	
1H6	21A1NWR	B1	ALST	500	810494	08/02/12	07	OK	8ma		18ma		18ma												F	WL	
1H7	21A1RWR	B1	ALST	500	810752	08/02/12	08	OK	8ma		18ma		18ma												F	WL	
1H8	21A1OLR	B1	ALST	135	789448	08/02/12	06	OK	14MA		40ma		40ma												F	WL	
1G2	21B1NWR	B1	ALST	500	810478	08/02/12	07	OK	8ma		18ma		18ma												F	WL	
1G3	21B1RWR	B1	ALST	500	810719	08/02/12	08	OK	8ma		18ma		18ma												F	WL	
1G4	21B1OLR	B1	ALST	135	789453	08/02/12	06	OK	14MA		40ma		40ma												F	WL	
1G6	21BNWR	B1	ALST	500	810721	08/02/12	08	OK	8ma		18ma		18ma												F	WL	
1G7	21BRWR	B1	ALST	500	810788	08/02/12	08	OK	8ma		18ma		18ma												F	WL	
1G8	21BOLR	B1	ALST	135	789428	08/02/12	06	OK	14MA		40ma		40ma												F	WL	

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