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

SIGNAL ATTACHMENT 45 Shore WBB Relays (4) 236.102A, 105, 106

SHORE WBB LOCATION SHEET - 1

AMTRAK INSTRUMENT RECORD

<u> SHEET - 1</u>											Neut	ral		1		Pola	ar		T	*	*		
								}			IVCUL	<u> </u>	Worki				Work	- 1	1			l	
									Dropa	way	Pickı	qı	current voltag		Picku		currrer volta		ļ			1	İ
Date of Installed or Transferred	Location with designating or track number	Type or Model	Mfr	Resistance	Serial Number	Dates Tested	Date overhauled	Initial charge	Normal	Reverse	Normal	Reverse	Normal	Reverse	Normal	Reverse	Normal	Reverse	Maximum contact resistance	Local voltage	contact opening	Shop or field test	Inspector
R1H3	1E1TR		uss	NA	U32070502	10/19/12	08	ок	s	0	L	,	D		s	т	Α	Т	Е			F	WL
H5	1E1TPR		uss		U47070119 3	10/19/12	08	ОК	2.6V		9.0V		9.0V									F	WL
G1	1E1TFPR	PN150B	uss	60	U1608007	10/19/12	07	ок	7MA		14MA		14MA									F	WL
G3	1E1TBPR	PN150B	USS	100	U490700	10/19/12	07	ок	11ma		25ma		25ma									F	WL
G5	1E1TFBPR	PN150B	uss	100	U4907009	10/19/12	07	ок	11ma		25ma		25ma				· -			<u> </u>		F	WL
F5	1E1ADR	PN250B	uss	55	U270725	10/19/12	07	ок	10MA		19MA		19MA	_					2	ي سين		F	WL
D- SHELF	V 1DS	DP14	uss	1000	L325097	10/17/14	08	ок	3.2v	3.2v	5.6V	5.6V	6.7v	6.7v	3.1v	3.1v		<u>UF</u>	DI	11	را اد اسر جمس	F	WL
																		-1	13	7	ES	1	\vdash
R2H3	1S1TR	PC250P	บรร	NA	U32070250 3	10/19/12	08	ок	s	0	L.	1	D		s	Т	Α	Т	E		-	F	WL
H5	1S1TPR	PN258B	uss	2000	U21070224 2 U16080076	10/19/12	07	ок	2.6V		9.0V		9.0V	_		-		<u> </u>		-		F	WL
G1_	1S1TFPR	PN150B E	บรร	60	016080076 8 U49070095	10/19/12	08	ок	7MA	_	14MA	_	14MA						ļ	<u> </u>	-	F	WL
G3	1S1TBPR	PN150B	uss	100	8 U49070096	10/19/12	07_	ок	9MA		26MA		26MA				-	<u> </u>	-	ļ	-	F	WL
G5	1S1TFBPR	PN150B	uss	100	5 U27072584	10/19/12	07	ОК	9MA	<u> </u>	26MA		26MA				<u> </u>	-	-	-	ļ	F	WL
F5	1S1ADR	PN250B E	uss	55	8	10/19/12	07	ОК	10MA	-	19MA		19MA			-	_	1, 1		<u> </u>	13	F	WL
D- SHELF	1BDS	DP14	uss	1000	N38079	10/17/14	06_	ок	3.1v	3.1v	5.7V	5.7V	6.3v	6.3v	3.0v	3.0v		V	<u> </u>	YH	L	F	WL
														<u> </u>	<u> </u>		<u> </u>		41	11	E.	<u> </u>	1

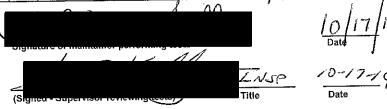
Distribution:

File copy White:

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* Shop Test only

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



SHORE WBB LOCATION

AMTRAK INSTRUMENT RECORD

NRR FOC						* * *					Neut	ral		_		Pol	аг			*	*		
									Dropa	paway Pic			Working current or voltage		or		Work currre volta	nt or					
Date of Installed or Transferred	Locatioп with designating or track number	Type or Model	Mfr	Resistance	Serial Number	Dates Tested	Date overhauled	Initial charge	Normal	Reverse	Normal	Reverse	Normal	Reverse	Normai	Reverse	Normal	Reverse	Maximum contact resistance	Local voltage	contact opening	Shop or field test	Inspector
R1H3	1E1TR		uss		U32070502	10/19/12	08	ок	s	0	L	1	D		s	Т	Α.	Т	E		<u> </u>	F	WL
H5	1E1TPR	PN258B	USS	2000	U47070119 3	10/19/12	08	ок	2.6V		9.0V		9.0V								-	F_	WL
G1	1E1TFPR	PN150B E	USS	60	U1608007	10/19/12	07	ок	7MA		14MA		14MA			!				ļ	-	F	WL
G3	1E1TBPR	PN150B	uss	100	U490700	10/19/12	07	ок	11ma		25ma		25ma			<u>-</u> .			ļ	-	<u> </u>	F	WL
G5	1E1TFBPR	PN150B	USS	100	U4907009	10/19/12	07	ок	11ma		25ma		25ma	_						-	-	F	WL
F5	1E1ADR	PN250B	บรร	55_	U270725	10/19/12	07	ок	10MA		19MA		19MA						-		+	F	WL
D- SHELF	1DS_	DP14	uss	1000	L325097	10/19/12	08	ок	3.2v	3.2v	5.6V	5.6V	6.7v	6.7v	3.1v	3.1v	-	-	-	<u> </u>	 	F	WL
					1100070050	10/19/12		ļ										1		-		 	+-
R2H3	1S1TR	PC250P	uss	NA	U32070250 3	10/19/12	08	ок	S	0	L	1	D		s	Т_	A_	T	E	-	┿	F	WL
H5	1S1TPR_	PN258B		2000	U21070224 2 U16080076	10/19/12	07	ок	2.6V		9.0V		9.0V				-	_		ļ. <u>.</u>	-	F	WL
G1	1S1TFPR	PN150B E	uss	60	8	10/19/12	08	ок	7MA		14MA		14MA				-		-	-	-	F	WL
G3	1S1TBPR	PN150B	uss	100	U49070095 8 U49070096	10/19/12	07	ок	9MA		26MA	-	26MA			_	-		-	-	+-	F	WL
G5	1S1TFBPR	PN150B		100	U27072584	10/19/12	07	ОК	9MA		26MA	-	26MA		-		-	-	-	-	 -	F	WL
F5	1S1ADR	PN250B E	บรร	55	8	10/19/12	07	ок	10MA	-	19MA		19MA		_	-	-	-	-		+	F	
D- SHELF	1BDS	DP14	uss	1000	N38079	10/19/12	06	ОК	3.1v	3.1	5.7V	5,7V	6.3v	6.3v	3.0v	3,0\	4		_	-	-	- F	: WI
	1	•				Name of the						<u> </u>			<u> </u>								

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Signature of maintainer performing tests

(Signed - Supervisor reviewing tests)

SHORE WBB LOCATION

AMTRAK INSTRUMENT RECORD

SHEET -	2	· · · · · · · · · · · · · · · · · · ·				* *					Neu	tral				Po	lar			*	*		
						0 11 Ta	i		Dropa	ıway	Pick	шр	Work currer volta	nt or	Pick	cup	Wor currre volta	ent or					
Date of Installed or Transferred	Location with designating or track number	Model	Mfr	Resistance	Serial Number	Dates Tested	Date overhauled	Initial charge	Normal	Reverse	Normal	Reverse	Normal	Reverse	Normal	Reverse	Normal	Reverse	Maximum contact resistance	Local voitage	contact opening	Shop or field test	Inspector
R3H6	9TR	PN150B H	USS	2000	B5096160	10/19/12	96	ок	9.0V		12V		12V									F	WL
G1	9TRA	B1	GRS	500	52976R021	10/19/12	96	ок	7MA		11MA		11MA			. <u>.</u> .			<u> </u>			F	WL
G3	9WTCCR	PN150E VT	uss	240	U41071132 6	10/19/12	07	ок			9.2V		24V						<u> </u>			F	WL
G5	9WCCR	B1	GRS	500	53172R147	10/19/12	96	ок	7MA		11MA		11MA									F	WL
G6	1WCCR	B1	GRS	500	52977R389		96	ок	7MA		11MA		11MA									F	WL
G8	1S1DEDR	B1	GRS	500	52977R087	10/19/12	96	ок	7MA		11MA		11MA									F	WL
						10/19/12								ļ					-				
R4H1	1WAHPR	B2	ALS	350	962735	10/19/12	O5_	ок	9MA		19MA		19MA									F	WL
H3	1WBHAFPR	B2	ALS	350	962753	10/19/12	O5	ок	9MA		19MA		19MA						-		_	F	WL
H5	1WBHAPR	B2	ALS	350	962744	10/19/12	O5	ок	9MA		19MA		19MA								<u> </u>	F	WL.
H7	1WADPR	B1	GRS	500	53172R194	10/19/12	96	ок	7MA		11MA		11MA				ļ			ļ		F	WL
Н8	1WBDPR	B1	GRS	500	52977R136	10/19/12	96	ОК	7MA		11MA		11MA					<u> </u>				F	WL
G1	1WHDPR	B1	GRS	500	53172R232	10/19/12	96	ок	7MA		11MA	\	11MA	_								F	WL
G2	1WRGPR	B1	GRS	500	53172R144	10/19/12	96_	ок	7MA		11MA		11MA	1			_					F	WL
G3	1WFLR	B1	GRS	18	30033J031	10/19/12	90	ок	53M/		89M/	\	89M#	1	_		\perp			ļ		F	WL
G4	1WFLCR	B1	GRS	500	53172R032	10/19/12	96	ок	7M <i>P</i>		11M/	Α	11M/	٩								F	WL

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SHEET -	; 3																						
		i	-			* *					Neu	ıtral				Po				*	*		
													Worl				Wor						
									Drop	aman	Pick	,,,,,	curre volta		Pick	aun -	currre volt						
5									DIOP	away	FILE	(up	VORe	age	Fich	up :	VOR	age					
Date of Installed or Transferred	Location with designating or track number	Type or Model	Mfr	Resistance	Serial Number	Dates Tested	Date overhauled	Initial charge	Normal	Reverse	Normal	Reverse	Normal	Reverse	Normal	Reverse	Normal	Reverse	Maximum contact resistance	Local voltage	contact opening	Shop or field test	Inspector
R4G8	1WBNPR	B1	GRS	500	53172R008	10/19/12	96	ок	7МА		11MA		11MA									F	WL
F3	9WBHAFPR	B2	ALS	350	962756	10/19/12	O5	ок	9MA		19MA		19MA					:				F	WL
F5	9WBHAPR	B2	ALS	350	962787	10/19/12	O5	ок	9МА		19MA		19MA									F	WL
F7	9WBDPR	B1	GRS	500	53172R248	10/19/12	96	ок	7MA	, .	11MA		11MA				:					F	WL
F8	9WBNPR	B1	GRS	500	53172R034	10/19/12	96	ок	7MA		11MA		11MA									F	WL
E1	9WHDPR	B1	GRS	500	52976R277	10/19/12	96	ок	7MA		11MA		11MA									F	WL
E2	9WRGPR	B1	GRS	500	52976R274	10/19/12	96	ок	7MA		11MA		11MA									F	WL
E3	9WFLR	B1	GRS	18	30033J071	10/19/12	96	ок	7MA		11MA		11MA									F	WL
E4	9WFLCR	B1	ALS	500	8047561	10/19/12	90	ок	7MA		11MA		11MA									F	WL
						10/19/12			<u>.</u> .														
R5H2	19ANWR	B1	ALS	500	810905	10/19/12	O6	ок	7MA		11MA		11MA									F	WL
Н3	19ARWR	B1	ALS	500	810929	10/19/12	O8	ОК	7MA		11MA		11MA									F	WL
H4	19AOLR	B1	ALS	135	789530	10/19/12	08	ок			40MA				12AO L							F	WL
H6	19A1WR	B1	ALS	500	810891	10/19/12	08	ОК	7MA		11MA		11MA									F	WL
H7	19A1RWR	B1	ALS	500	810933	10/19/12	08	ок	7MA		11MA		11MA	,								F	WL
_H8	19A1OLR	B1	ALS	135	789538	10/19/12	08	ок			40MA				12AO L.							F	WL

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