

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

## SIGNAL ATTACHMENT 26

Shore to Clearfield 2 Insulation Resistance  
236.108

**AMTRAK RECORD OF INSULATION RESISTANCE C&S 2.0**



DIVISION		LOCATION	FROM:	TO:
MID-ATLANTIC		SHORE	ABS 83.4	C/S 82.9
DATE INSTALLED:		MANUFACTURER	YEAR MANUFACTURED:	SPECIFICATION
				27c/14
		LIST INSULATION RESISTANCE VALUES TO GROUND	LIST INSULATION RESISTANCE VALUES OF CROSS	CABLE DESIGNATION:
CDR	CRT. NOMENCLATURE			REMARKS:
1	1WDEDP	35M	35M	
2	N1WDEDP	INF	INF	
3	1EDEDP	INF	INF	
4	N1DEDP	INF	INF	
5	2WDEDP	INF	INF	
6	N2WDWDP	INF	INF	
7	2EDEDP	INF	INF	
8	N2EDEDP	INF	INF	
9	3WDEDP	INF	INF	
10	N3WDEDP	12M	12M	
11	3EDEDP	INF	INF	
12	N3EDEDP	15M	15M	
13	4WDEDP	3.5M	3.5M	
14	N4WDEDP	4.5M	4.5M	
15	SP	4M	4M	
16	N4EDEDP	7M	7M	
17	4EDEDP	2.5M	2.5M	
18	100BX110	2M	2M	
19	SP	2.5M	2.5M	
20	100BX110	1.2M	1.2M	
21	100BX110	INF	INF	
22	100BX110	10M	10M	
23	SP	1M	1M	
24	100NX110	6M	6M	
25	100NX110	20M	20M	
26	100NX110	INF	INF	
27	100NX110	INF	INF	
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SIGNATURE: [REDACTED] T. SMITH DATE MEGGERED: 11/7/2005

SIGNATURE: [REDACTED] J. KAHLER DATE MEGGERED: 11/7/2005

NOTES: 1. LIST NOMENCLATURE FOR EACH WORKING CONDUCTOR. 3. INDICATE CONDUCTORS THAT ARE SPARE.  
 2. UNDERLINE WORKING CONDUCTORS 1 MEG OR BELOW IN RED, 4. TWO SIGNATURES REQUIRED.  
 AND LIST 500,000 OR BELOW ON FORM C.&S. 2A.

**AMTRAK RECORD OF INSULATION RESISTANCE C&S 2.0**

DIVISION		LOCATION	FROM:	TO
MID-ATLANTIC		SHORE TO CLEARFIELD	LOC 834	LOC 829
DATE INSTALLED:		MANUFACTURER	YEAR MANUFACTURED:	SPECIFICATION
1995				57C COMP.
		LIST INSULATION RESISTANCE VALUES TO GROUND	LIST INSULATION RESISTANCE VALUES OF CROSS	CABLE DESIGNATION:
CDR	CRT. NOMENCLATURE			REMARKS:
1	W100BX110WR	INF	INF	
2	W100NX110WR	INF	INF	
3	W100BX110ER	INF	INF	
4	W100NX110ER	INF	INF	
5	1CC-E	INF	INF	
6	N1CC-E	INF	INF	
7	W1D	INF	INF	
8	WN1D	INF	INF	
9	WL-B12 BUSS	INF	INF	
10	1ENA1	INF	INF	
11	1DS +	INF	INF	
12	1DS -	INF	INF	
13	1TM +	INF	INF	
14	1TM -	INF	INF	
15	2CC-E	INF	INF	
16	N2CC-E	INF	INF	
17	E2D	INF	INF	
18	EN2D	INF	INF	
19	SP	INF	INF	
20	2ENA1	INF	INF	
21	2DS +	INF	INF	
22	2DS -	INF	INF	
23	2TM +	INF	INF	
24	2TM -	INF	INF	
25	3CC-E	INF	INF	
26	N3CC-E	INF	INF	
27	E3D	INF	INF	
28	EN3D	INF	INF	
29	3ENA1	INF	INF	
30	SP	INF	INF	
31	3DS +	INF	INF	
32	3DS -	INF	INF	
33	3TM +	INF	INF	
34	3TM -	INF	INF	
35	4CC-E	INF	INF	
36	N4CC-E	INF	INF	
37	E4D	INF	INF	
38	EN4D	INF	INF	
39	4ENA1	INF	INF	
40	4WNA2	INF	INF	
41	4DS +	INF	INF	
42	4DS -	INF	INF	
43	4TM +	INF	INF	
44	4TM -	INF	INF	
45	C2	INF	INF	
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SIGNATURE: 		T. SMITH	DATE MEGGERED: 4/20/2006	
SIGNATURE: 		J. KAHLER	DATE MEGGERED: 4/20/2006	
NOTES: 1. LIST NOMENCLATURE FOR EACH WORKING CONDUCTOR. 3. INDICATE CONDUCTORS THAT ARE SPARE. 2. UNDERLINE WORKING CONDUCTORS 1 MEG OR BELOW IN RED, 4. TWO SIGNATURES REQUIRED. AND LIST 500,000 OR BELOW ON FORM C.&S. 2A.				

**AMTRAK RECORD OF INSULATION RESISTANCE C&S 2.0**

DIVISION		LOCATION	FROM:	TO
MID-ATLANTIC		834	CASE	834-1TRK
DATE INSTALLED:		MANUFACTURER	YEAR MANUFACTURED:	SPECIFICATION
1995				9C9
		LIST INSULATION RESISTANCE VALUES TO GROUND	LIST INSULATION RESISTANCE VALUES OF CROSS	CABLE DESIGNATION:
CDR	CRT. NOMENCLATURE			REMARKS:
1	1EADE	INF	INF	
2	1EHAE	INF	INF	
3	1EHBE	INF	INF	
4	1ESAE	INF	INF	
5	1ESBE	INF	INF	
6	ENX1-1E	INF	INF	
7	ENX2-1E	INF	INF	
8	1EBNE	INF	INF	
9	1EBDE	INF	INF	
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SIGNATURE: [REDACTED]		B. DEWEEES	DATE MEGGERED: 4/28/2013	
SIGNATURE: [REDACTED]		T. ANNUNZIO	DATE MEGGERED: 4/28/2013	
NOTES: 1. LIST NOMENCLATURE FOR EACH WORKING CONDUCTOR. 3. INDICATE CONDUCTORS THAT ARE SPARE. 2. UNDERLINE WORKING CONDUCTORS 1 MEG OR BELOW IN RED, 4. TWO SIGNATURES REQUIRED. AND LIST 500,000 OR BELOW ON FORM C.&S. 2A.				

**AMTRAK RECORD OF INSULATION RESISTANCE C&S 2.0**

DIVISION		LOCATION	FROM:	TO
MID-ATLANTIC		834	CASE	834-2TRK
DATE INSTALLED:		MANUFACTURER	YEAR MANUFACTURED:	SPECIFICATION
1995				9C9
		LIST INSULATION RESISTANCE VALUES TO GROUND	LIST INSULATION RESISTANCE VALUES OF CROSS	CABLE DESIGNATION:
CDR	CRT. NOMENCLATURE			REMARKS:
1	2EADE	INF	INF	
2	2EHAE	INF	INF	
3	2EHBE	INF	INF	
4	2ESAE	INF	INF	
5	2ESBE	INF	INF	
6	ENX1-2E	INF	INF	
7	ENX2-2E	INF	INF	
8	2EBNE	INF	INF	
9	2EBDE	INF	INF	
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SIGNATURE: [Redacted]		T. ANNUNZIO		DATE MEGGERED: 4/28/2013
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**AMTRAK RECORD OF INSULATION RESISTANCE C&S 2.0**

DIVISION		LOCATION	FROM:	TO
MID-ATLANTIC		834	CASE	834-3TRK
DATE INSTALLED:		MANUFACTURER	YEAR MANUFACTURED:	SPECIFICATION
1995				9C9
		LIST INSULATION RESISTANCE VALUES TO GROUND	LIST INSULATION RESISTANCE VALUES OF CROSS	CABLE DESIGNATION:
CDR	CRT. NOMENCLATURE			REMARKS:
1	3EADE	INF	INF	
2	3EHAE	INF	INF	
3	3EHBE	INF	INF	
4	3ESAE	INF	INF	
5	3ESBE	INF	INF	
6	ENX1-3E	200M	200M	
7	ENX2-3E	200M	200M	
8	3EBNE	INF	INF	
9	3EBDE	INF	INF	
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SIGNATURE: [Redacted]		T. ANNUNZIO	DATE MEGGERED: 4/28/2013	
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**AMTRAK RECORD OF INSULATION RESISTANCE C&S 2.0**

DIVISION		LOCATION	FROM:	TO
MID-ATLANTIC		834	CASE	834-4TRK
DATE INSTALLED:		MANUFACTURER	YEAR MANUFACTURED:	SPECIFICATION
1995				9C9
		LIST INSULATION RESISTANCE VALUES TO GROUND	LIST INSULATION RESISTANCE VALUES OF CROSS	CABLE DESIGNATION:
CDR	CRT. NOMENCLATURE			REMARKS:
1	4EADE	200M	200M	
2	4EHAE	200M	200M	
3	4EHBE	INF	INF	
4	4ESAE	INF	INF	
5	4ESBE	200M	200M	
6	ENX1-4E	200M	200M	
7	ENX2-4E	200M	200M	
8	4EBNE	INF	INF	
9	4EBDE	300M	300M	
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