

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

SIGNAL ATTACHMENT 36

Shore CIH Insulation Resistance (2) 236.108

AMTRAK RECORD OF INSULATION RESISTANCE C&S 2.0

DIVISION		LOCATION	FROM:	TO
MID-ATLANTIC		SHORE CIH	SHORE CIH	WBA LOC
DATE INSTALLED:		MANUFACTURER	YEAR MANUFACTURED:	SPECIFICATION
				37c/14
		LIST INSULATION RESISTANCE VALUES TO GROUND	LIST INSULATION RESISTANCE VALUES OF CROSS	CABLE DESIGNATION:
CDR	CRT. NOMENCLATURE			REMARKS:
1	1WHAP	INF	INF	
2	N1WHAP	INF	INF	
3	1WBHAFP	INF	INF	
4	N1WBHAFP	INF	INF	
5	1WBHAP	INF	INF	
6	N1WBHAP	INF	INF	
7	1WADP	INF	INF	
8	N1WADP	INF	INF	
9	1WBDP	INF	INF	
10	N1WBNP	INF	INF	
11	1WBNP	INF	INF	
12	N1WBNP	INF	INF	
13	SPARE	INF	INF	
14	SPARE	INF	INF	
15	1WHD2P	INF	INF	
16	N1WHD2P	INF	INF	
17	1WRG2P	INF	INF	
18	N1WRG2P	INF	INF	
19	2WHAP	INF	INF	
20	N2WHAP	INF	INF	
21	2WBHAFP	INF	INF	
22	N2WBHAFP	INF	INF	
23	2WBHAP	INF	INF	
24	N2WBHAP	INF	INF	
25	2WADP	INF	INF	
26	N2WADP	INF	INF	
27	2WBDP	INF	INF	
28	N2WBDP	INF	INF	
29	2WBNP	INF	INF	
30	N2WBNP	INF	INF	
31	2WHD2P	INF	INF	
32	N2WHD2P	INF	INF	
33	2WRG2P	INF	INF	
34	N2WRG2P	INF	INF	
35	SPARE	INF	INF	
36	SPARE	INF	INF	
37	SPARE	INF	INF	
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SIGNATURE:		R. NAGLE		DATE MEGGERED: 7/31/2012
SIGNATURE:		T. SMITH		DATE MEGGERED: 7/31/2012
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	C.I.H.	WBA
DATE INSTALLED:		MANUFACTURER	YEAR MANUFACTURED:	SPECIFICATION
				37c #2 CABLE
		LIST INSULATION RESISTANCE VALUES TO GROUND	LIST INSULATION RESISTANCE VALUES OF CROSS	CABLE DESIGNATION:
CDR	CRT. NOMENCLATURE			REMARKS:
1	3WAHP	INF.	INF.	
2	N3WAHP	INF.	INF.	
3	3WBHAFP	INF.	INF.	
4	N3WBHAFP	INF.	INF.	
5	3WBHAP	INF.	INF.	
6	N3WBHAP	INF.	INF.	
7	3WADP	INF.	INF.	
8	N3WADP	INF.	INF.	
9	3WDBP	INF.	INF.	
10	N3WDBP	INF.	INF.	
11	3WBNP	INF.	INF.	
12	N3WBNP	INF.	INF.	
13	3WHD2P	INF.	INF.	
14	N3WHD2P	INF.	INF.	
15	3WRG2P	INF.	INF.	
16	N3WRG2P	INF.	INF.	
17	4WAHP	INF.	INF.	
18	N4WAHP	INF.	INF.	
19	4WBHAP	INF.	INF.	
20	N4WBHAP	INF.	INF.	
21	4WADP	INF.	INF.	
22	N4WADP	INF.	INF.	
23	4WBDP	INF.	INF.	
24	N4WBDP	INF.	INF.	
25	4WBNP	INF.	INF.	
26	N4WBNP	INF.	INF.	
27	4WD2P	INF.	INF.	
28	N4WD2P	INF.	INF.	
29	4WRG2P	INF.	INF.	
30	N4WRG2P	INF.	INF.	
31	B-B12	INF.	INF.	
32	B-B12	INF.	INF.	
33	B-B12	INF.	INF.	
34	B-N12	INF.	INF.	
35	B-N12	INF.	INF.	
36	B-N12	INF.	INF.	
37	SPARE	INF.	INF.	
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SIGNATURE: R. NAGLE	DATE MEGGERED: 7/31/2012
SIGNATURE: T. SMIT	DATE MEGGERED: 7/31/2012

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	CIH	LOC. B
DATE INSTALLED:		MANUFACTURER	YEAR MANUFACTURED:	SPECIFICATION
				57c COMP.
		LIST INSULATION RESISTANCE VALUES TO GROUND	LIST INSULATION RESISTANCE VALUES OF CROSS	CABLE DESIGNATION:
CDR	CRT. NOMENCLATURE			REMARKS:
1	SPARE	INF.	INF.	
2	SPARE	INF.	INF.	
3	SPARE	INF.	INF.	
4	SPARE	INF.	INF.	
5	SPARE	INF.	INF.	
6	SPARE	INF.	INF.	
7	SPARE	INF.	INF.	
8	SPARE	INF.	INF.	
9	SPARE	INF.	INF.	
10	SPARE	INF.	INF.	
11	SPARE	INF.	INF.	
12	SPARE	INF.	INF.	
13	SPARE	INF.	INF.	
14	SPARE	INF.	INF.	
15	SPARE	INF.	INF.	
16	SPARE	INF.	INF.	
17	SPARE	INF.	INF.	
18	SPARE	INF.	INF.	
19	SPARE	INF.	INF.	
20	SPARE	INF.	INF.	
21	SPARE	INF.	INF.	
22	SPARE	INF.	INF.	
23	SPARE	INF.	INF.	
24	CRHD2P	INF.	INF.	
25	NCRHD2P	INF.	INF.	
26	CRWLFSP	INF.	INF.	
27	NCRWLFSP	INF.	INF.	
28	98NWLC	INF.	INF.	
29	N98NWLC	INF.	INF.	
30	98-B12	INF.	INF.	
31	SPARE	INF.	INF.	
32	SPARE	INF.	INF.	
33	SPARE	INF.	INF.	
34	SPARE	INF.	INF.	
35	SPARE	INF.	INF.	
36	SPARE	INF.	INF.	
37	SPARE	INF.	INF.	
38	SPARE	INF.	INF.	
39	SPARE	INF.	INF.	
40	SPARE	INF.	INF.	
41	SPARE	INF.	INF.	
42	SPARE	INF.	INF.	
43	SPARE	INF.	INF.	
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45	SPARE	INF.	INF.	
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SIGNATURE: R. NAGLE		DATE MEGGERED: 7/25/2012		
SIGNATURE: T. SMITH		DATE MEGGERED: 7/25/2012		
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	CIH	LOC. B
DATE INSTALLED:		MANUFACTURER	YEAR MANUFACTURED:	SPECIFICATION
				4 Tw. Pr.
		LIST INSULATION RESISTANCE VALUES TO GROUND	LIST INSULATION RESISTANCE VALUES OF CROSS	CABLE DESIGNATION:
GDR	CRT. NOMENCLATURE			REMARKS:
1	SPARE	INF.	INF.	
2	SPARE	INF.	INF.	
3	SPARE	INF.	INF.	
4	SPARE	INF.	INF.	
5	SPARE	INF.	INF.	
6	SPARE	INF.	INF.	
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SIGNATURE: R. NAGLE		DATE MEGGERED: 7/25/2012		
SIGNATURE: T. SMITH		DATE MEGGERED: 7/25/2012		
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	SHORE CIH	LOC B
DATE INSTALLED:		MANUFACTURER	YEAR MANUFACTURED:	SPECIFICATION
				37c/14 CABLE #2
		LIST INSULATION RESISTANCE VALUES TO GROUND	LIST INSULATION RESISTANCE VALUES OF CROSS	CABLE DESIGNATION:
CDR	CRT. NOMENCLATURE			REMARKS:
1	100BX110	INF	INF	
2	100BX110	INF	INF	
3	100NX110	INF	INF	
4	100NX110	INF	INF	
5	SPARE	INF	INF	
6	SPARE	INF	INF	
7	SPARE	INF	INF	
8	SPARE	INF	INF	
9	SPARE	INF	INF	
10	SPARE	INF	INF	
11	SPARE	INF	INF	
12	SPARE	INF	INF	
13	SPARE	INF	INF	
14	SPARE	INF	INF	
15	SPARE	INF	INF	
16	SPARE	INF	INF	
17	SPARE	INF	INF	
18	SPARE	INF	INF	
19	SPARE	INF	INF	
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21	SPARE	INF	INF	
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23	SPARE	INF	INF	
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SIGNATURE: [Redacted]		T. SMITH		DATE MEGGERED: 7/24/2012
SIGNATURE: [Redacted]		R. NAGLE		DATE MEGGERED: 7/24/2012
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	C.I.H.	LOC. B
DATE INSTALLED:		MANUFACTURER	YEAR MANUFACTURED:	SPECIFICATION
				37c #1 CABLE
		LIST INSULATION RESISTANCE VALUES TO GROUND	LIST INSULATION RESISTANCE VALUES OF CROSS	CABLE DESIGNATION:
CDR	CRT. NOMENCLATURE			REMARKS:
1	SPARE	INF.	INF.	
2	SPARE	INF.	INF.	
3	SPARE	INF.	INF.	
4	SPARE	INF.	INF.	
5	SPARE	INF.	INF.	
6	B-12	INF.	INF.	
7	B-12	INF.	INF.	
8	N-12	INF.	INF.	
9	N-12	INF.	INF.	
10	SPARE	INF.	INF.	
11	SPARE	INF.	INF.	
12	SPARE	INF.	INF.	
13	SPARE	INF.	INF.	
14	SPARE	INF.	INF.	
15	SPARE	INF.	INF.	
16	SPARE	INF.	INF.	
17	SPARE	INF.	INF.	
18	SPARE	INF.	INF.	
19	SPARE	INF.	INF.	
20	SPARE	INF.	INF.	
21	SPARE	INF.	INF.	
22	SPARE	INF.	INF.	
23	SPARE	INF.	INF.	
24	SPARE	INF.	INF.	
25	SPARE	INF.	INF.	
26	SPARE	INF.	INF.	
27	SPARE	INF.	INF.	
28	SPARE	INF.	INF.	
29	SPARE	INF.	INF.	
30	SPARE	INF.	INF.	
31	SPARE	INF.	INF.	
32	SPARE	INF.	INF.	
33	SPARE	INF.	INF.	
34	EL B-12	INF.	INF.	
35	EL B-12	INF.	INF.	
36	EL N-12	INF.	INF.	
37	EL N-12	INF.	INF.	
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SIGNATURE: R. NAGLE		DATE MEGGERED: 7/24/2012		
SIGNATURE: T. SMITH		DATE MEGGERED: 7/24/2012		
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	CIH	LOC A
DATE INSTALLED:		MANUFACTURER	YEAR MANUFACTURED:	SPECIFICATION
				4 TWISTED PAIR
		LIST INSULATION RESISTANCE VALUES TO GROUND	LIST INSULATION RESISTANCE VALUES OF CROSS	CABLE DESIGNATION:
CDR	CRT. NOMENCLATURE			REMARKS:
1	1TL	INF	INF	
2	N1TL	INF	INF	
3	2TLINF	INF	INF	
4	N2TL	INF	INF	
5	3TBX	INF	INF	
6	3TNX	20M	20M	
7	4TBX	INF	INF	
8	4TNX	INF	INF	
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SIGNATURE: R. NAGLE		DATE MEGGERED: 7/18/2012		
SIGNATURE: T SMITH		DATE MEGGERED: 7/18/2012		
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	CIH	A-LOC
DATE INSTALLED:		MANUFACTURER	YEAR MANUFACTURED:	SPECIFICATION
				37C #1 CABLE
CDR/CRT. NOMENCLATURE		LIST INSULATION RESISTANCE VALUES TO GROUND	LIST INSULATION RESISTANCE VALUES OF CROSS	CABLE DESIGNATION: REMARKS:
1	1EAHP	INF	INF	
2	N1EAHP	INF	INF	
3	1EBHAFP	INF	INF	
4	N1EBHAFP	INF	INF	
5	SP	INF	INF	
6	SP	INF	INF	
7	1EADP	INF	INF	
8	N1EADP	INF	INF	
9	SP	INF	INF	
10	SP	INF	INF	
11	1EBNP	INF	INF	
12	N1EBNP	INF	INF	
13	1EHD2P	INF	INF	
14	N1EHD2P	INF	INF	
15	1ERG2P	INF	INF	
16	N1ERG2P	INF	INF	
17	2EAHP	INF	INF	
18	N2EAHP	INF	INF	
19	2EBHAFP	INF	INF	
20	N2EBHAFP	INF	INF	
21	SP	INF	INF	
22	SP	INF	INF	
23	2EDP	INF	INF	
24	N2EDP	INF	INF	
25	2EBNP	INF	INF	
26	N2EBNP	INF	INF	
27	2EHD2P	INF	INF	
28	N2EHD2P	INF	INF	
29	2ERG2P	INF	INF	
30	N2ERG2P	INF	INF	
31	3EAHP	INF	INF	
32	N3EAHP	INF	INF	
33	3EBHAFP	INF	INF	
34	N3EBHAFP	INF	INF	
35	60BX110	INF	INF	
36	60BX110	INF	INF	
37	60BX110	INF	INF	
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SIGNATURE: R. NAGLE [Signature] DATE MEGGERED: 7/10/2012
 SIGNATURE: T SMITH [Signature] DATE MEGGERED: 7/10/2012

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	CIH	LOC A		
DATE INSTALLED:		MANUFACTURER	YEAR MANUFACTURED:	SPECIFICATION		
				37c #2 CABLE		
CDR		CRT. NOMENCLATURE	LIST INSULATION RESISTANCE VALUES TO GROUND	LIST INSULATION RESISTANCE VALUES OF CROSS	CABLE DESIGNATION:	REMARKS:
1	3EDP		INF	INF		
2	N3EDP		INF	INF		
3	3EBNP		INF	INF		
4	N3EBNP		INF	INF		
5	3EHD2P		INF	INF		
6	N3EHD2P		INF	INF		
7	3ERG2P		INF	INF		
8	N3ERG2P		INF	INF		
9	4EAHP		INF	INF		
10	N4EAHP		INF	INF		
11	4EBHAFP		INF	INF		
12	N4EBHAFP		INF	INF		
13	SP		INF	INF		
14	SP		INF	INF		
15	4EDP		INF	INF		
16	N4EDP		INF	INF		
17	4EBNP		INF	INF		
18	N4EBNP		INF	INF		
19	4EHD2P		INF	INF		
20	N4EHD2P		INF	INF		
21	4ERG2P		INF	INF		
22	N4ERG2P		INF	INF		
23	5EBHAP		INF	INF		
24	N5EBHAP		INF	INF		
25	5EDP		INF	INF		
26	N5EDP		INF	INF		
27	5EBHBP		INF	INF		
28	N5EBHBP		INF	INF		
29	5ERG2P		INF	INF		
30	N5ERG2P		INF	INF		
31	SP		INF	INF		
32	SP		INF	INF		
33	SP		INF	INF		
34	SP		INF	INF		
35	60NX110		INF	INF		
36	60NX110		INF	INF		
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SIGNATURE: R. NAGLE

SIGNATURE: T SMITH

DATE MEGGERED: 7/16/2012

DATE MEGGERED: 7/16/2012

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	CIH	LOC A
DATE INSTALLED:		MANUFACTURER	YEAR MANUFACTURED:	SPECIFICATION
				37c #3 CABLE
		LIST INSULATION RESISTANCE VALUES TO GROUND	LIST INSULATION RESISTANCE VALUES OF CROSS	CABLE DESIGNATION:
CDR	CRT. NOMENCLATURE			REMARKS:
1	1EDEDP	INF	INF	
2	N1EDEDP	INF	INF	
3	2EDEDP	INF	INF	
4	N2EDEDP	INF	INF	
5	3EDEDP	INF	INF	
6	N3EDEDP	INF	INF	
7	4EDEDP	INF	INF	
8	N4EDEDP	INF	INF	
9	B-12	INF	INF	
10	B-12	INF	INF	
11	B-12	INF	INF	
12	B-12	INF	INF	
13	B-12	INF	INF	
14	B-12	INF	INF	
15	B-12	INF	INF	
16	B-12	INF	INF	
17	B-12	INF	INF	
18	B-12	INF	INF	
19	SP	INF	INF	
20	SP	INF	INF	
21	1EDEDPS	INF	INF	
22	2EDEDPS	INF	INF	
23	3EDEDPS	INF	INF	
24	EDEDPS	INF	INF	
25	N-12	INF	INF	
26	N-12	INF	INF	
27	N-12	INF	INF	
28	N-12	INF	INF	
29	N-12	INF	INF	
30	N-12	INF	INF	
31	N-12	INF	INF	
32	N-12	INF	INF	
33	N-12	INF	INF	
34	SP	INF	INF	
35	SP	INF	INF	
36	SP	INF	INF	
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SIGNATURE: R. NAGLE [REDACTED] DATE MEGGERED: 6/21/2012

SIGNATURE: T SMITH [REDACTED] DATE MEGGERED: 6/21/2012

NOTES: 1. LIST NOMENCLATURE FOR EACH 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	CIH	LOCATION - C
DATE INSTALLED:		MANUFACTURER	YEAR MANUFACTURED:	SPECIFICATION
				4 COND. TWISTED PR.
		LIST INSULATION RESISTANCE VALUES TO GROUND	LIST INSULATION RESISTANCE VALUES OF CROSS	CABLE DESIGNATION:
CDR	CRT. NOMENCLATURE			REMARKS:
1	SP	40M	40M	
2	SP	30M	30M	
3	SP	15M	15M	
4	SP	75M	75M	
5	SP	10M	10M	
6	SP	2M	2M	
7	SP	10M	10M	
8	SP	25M	25M	
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SIGNATURE: [Redacted]		T. SMITH		DATE MEGGERED: 7/19/2012
SIGNATURE: [Redacted]		R. NAGLE		DATE MEGGERED: 7/19/2012
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	CIH	WBA LOC
DATE INSTALLED:		MANUFACTURER	YEAR MANUFACTURED:	SPECIFICATION
				4 TWISTED PAIR CABLE #1
		LIST INSULATION RESISTANCE VALUES TO GROUND	LIST INSULATION RESISTANCE VALUES OF CROSS	CABLE DESIGNATION:
CDR	CRT. NOMENCLATURE			REMARKS:
1	1TBX	INF	INF	
2	1TNX	INF	INF	
3	2TBX	INF	INF	
4	2TNX	INF	INF	
5	3TL	INF	INF	
6	N3TL	INF	INF	
7	4TL	INF	INF	
8	N4TL	INF	INF	
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SIGNATURE: [Redacted]		T. SMITH	DATE MEGGERED: 8/2/2012	
SIGNATURE: [Redacted]		R. NAGLE	DATE MEGGERED: 8/2/2012	
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.				