

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

SIGNAL ATTACHMENT 32

ShoreA Insulation Resistance (2) pre 236.108

AMTRAK RECORD OF INSULATION RESISTANCE C&S 2.0

DIVISION		LOCATION	FROM:	TO:
MID-ATLANTIC		SHORE	LOC. A	5E SIG.
DATE INSTALLED:		MANUFACTURER	YEAR MANUFACTURED:	SPECIFICATION
				7c9
		LIST INSULATION RESISTANCE VALUES TO GROUND	LIST INSULATION RESISTANCE VALUES OF CROSS	CABLE DESIGNATION:
CDR	CRT. NOMENCLATURE			REMARKS:
1	5ESE	INF	INF	
2	5ES1E	INF	INF	
3	5EHBE	INF	INF	
4	5EDE	INF	INF	
5	ENX-5E	INF	INF	
6	SPARE	INF	INF	
7	SPARE	INF	INF	
8				
9				
10				
11				
12				
13				
14				
15				
16				
17				
18				
19				
20				
21				
22				
23				
24				
25				
26				
27				
28				
29				
30				
31				
32				
33				
34				
35				
36				
37				
38				
39				
40				
41				
42				
43				
44				
45				
46				
47				
48				
49				
50				
51				
52				
53				
54				
55				
56				
57				
58				
59				
60				
61				

SIGNATURE: R. NAGLE [Signature] DATE MEGGERED: 6/19/2012
SIGNATURE: T. SMITH [Signature] DATE MEGGERED: 6/19/2012

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	LOC. A	55W SIG.
DATE INSTALLED:		MANUFACTURER	YEAR MANUFACTURED:	
				5c9
		LIST INSULATION RESISTANCE VALUES TO GROUND	LIST INSULATION RESISTANCE VALUES OF CROSS	CABLE DESIGNATION:
CDR	CRT. NOMENCLATURE			REMARKS:
1	55WHB1E	INF.	INF.	
2	SPARE	INF.	INF.	
3	55WHBE	INF.	INF.	
4	ENX-55W	INF.	INF.	
5	SPARE	INF.	INF.	
6				
7				
8				
9				
10				
11				
12				
13				
14				
15				
16				
17				
18				
19				
20				
21				
22				
23				
24				
25				
26				
27				
28				
29				
30				
31				
32				
33				
34				
35				
36				
37				
38				
39				
40				
41				
42				
43				
44				
45				
46				
47				
48				
49				
50				
51				
52				
53				
54				
55				
56				
57				
58				
59				
60				
61				

6/19/12

SIGNATURE:	R. NAGLE		DATE MEGGERED: 6/19/2012
SIGNATURE:	T. SMITH		DATE MEGGERED: 6/19/2012

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

AMTRAK RECORD OF INSULATION RESISTANCE C&S 2.0

DIVISION		LOCATION	FROM:	TO:
MID-ATLANTIC		SHORE	LOC A	DED
DATE INSTALLED:		MANUFACTURER	YEAR MANUFACTURED:	SPECIFICATION
				15comp & 12c?14
CDR		LIST INSULATION RESISTANCE VALUES TO GROUND	LIST INSULATION RESISTANCE VALUES OF CROSS	CABLE DESIGNATION:
CRT. NOMENCLATURE				REMARKS:
1	BX110	INF	INF	15 COMP
2	NX110	INF	INF	
3	SP	INF	INF	
4	BT1 DED	INF	INF	
5	1W DED A	INF	INF	
6	1W DED P	INF	INF	
7	N1WDEDP	INF	INF	
8	BT2DED	INF	INF	
9	2WDED A	INF	INF	
10	2WDEDP	INF	INF	
11	N2wDEDP	INF	INF	
12	BT3DED	INF	INF	
13	3WDEDA	INF	INF	
14	3WDEDP	INF	INF	
15	N3wDEDP	INF	INF	
16	BT4DED	INF	INF	12c/14
17	4WDEDA	INF	INF	
18	4WDEDP	INF	INF	
19	N4WDEDP	INF	INF	
20	SP	INF	INF	
21	SP	INF	INF	
22	SP	INF	INF	
23	SP	INF	INF	
24	60BX110	INF	INF	
25	60BX110	INF	INF	
26	60NX110	INF	INF	
27	60NX110	INF	INF	
28				
29				
30				
31				
32				
33				
34				
35				
36				
37				
38				
39				
40				
41				
42				
43				
44				
45				
46				
47				
48				
49				
50				
51				
52				
53				
54				
55				
56				
57				
58				
59				
60				
61				


SIGNATURE: R. NAGLE [Redacted] DATE MEGGERED: 6/28/2012


SIGNATURE: T SMITH [Redacted] DATE MEGGERED: 6/28/2012

NOTES: 1. LIST
 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	LOC. A	6E SIG.
DATE INSTALLED:		MANUFACTURER	YEAR MANUFACTURED:	SPECIFICATION
				5c9
		LIST INSULATION RESISTANCE VALUES TO GROUND	LIST INSULATION RESISTANCE VALUES OF CROSS	CABLE DESIGNATION:
CDR	CRT. NOMENCLATURE			REMARKS:
1	6ESE	REMOVED	REMOVED	SIGNAL REMOVED FROM SERVICE
2	6ES1E	REMOVED	REMOVED	CABLE RETIRED AUGUST 2008
3	6EHBE	REMOVED	REMOVED	WITH REFIGURATION OF INTERLOCKING &
4	ENX-6E	REMOVED	REMOVED	SWITCH RENEWAL PROJECT
5	SPARE	REMOVED	REMOVED	
6				
7				
8				
9				
10				
11				
12				
13				
14				
15				
16				
17				
18				
19				
20				
21				
22				
23				
24				
25				
26				
27				
28				
29				
30				
31				
32				
33				
34				
35				
36				
37				
38				
39				
40				
41				
42				
43				
44				
45				
46				
47				
48				
49				
50				
51				
52				
53				
54				
55				
56				
57				
58				
59				
60				
61				

SIGNATURE: S.R. KELLY  DATE MEGGERED: 7/25/2012

SIGNATURE:  DATE MEGGERED:

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	LOC A	LOC C
DATE INSTALLED:		MANUFACTURER	YEAR MANUFACTURED:	SPECIFICATION
				37 COND
		LIST INSULATION RESISTANCE VALUES TO GROUND	LIST INSULATION RESISTANCE VALUES OF CROSS	CABLE DESIGNATION:
CDR	CRT. NOMENCLATURE			REMARKS:
1	B12	INF	INF	
2	B12	INF	INF	
3	B12	INF	INF	
4	N12	INF	INF	
5	N12	INF	INF	
6	N12	INF	INF	
7	100BX110	INF	INF	
8	100BX110	INF	INF	
9	100NX110	INF	INF	
10	100NX110	INF	INF	
11	SP	INF	INF	
12	SP	INF	INF	
13	SP	INF	INF	
14	SP	INF	INF	
15	SP	INF	INF	
16	SP	INF	INF	
17	SP	INF	INF	
18	SP	INF	INF	
19	SP	INF	INF	
20	SP	INF	INF	
21	SP	INF	INF	
22	SP	INF	INF	
23	SP	INF	INF	
24	SP	INF	INF	
25	SP	INF	INF	
26	SP	INF	INF	
27	SP	INF	INF	
28	SP	INF	INF	
29	SP	INF	INF	
30	B12	INF	INF	
31	B12	INF	INF	
32	B12	INF	INF	
33	B12	INF	INF	
34	N12	INF	INF	
35	N12	INF	INF	
36	N12	INF	INF	
37	N12	INF	INF	
38				
39				
40				
41				
42				
43				
44				
45				
46				
47				
48				
49				
50				
51				
52				
53				
54				
55				
56				
57				
58				
59				
60				
61				

SIGNATURE: R. NAGLE

SIGNATURE: T SMITH

DATE MEGGERED: 7/2/2012

DATE MEGGERED: 7/2/2012

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.

AMTRAK RECORD OF INSULATION RESISTANCE C&S 2.0

DIVISION		LOCATION	FROM:	TO:
MID-ATLANTIC		SHORE	LOC A	LOC C
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	SP	INF	INF	
2	SP	INF	INF	
3	SP	INF	INF	
4	SP	INF	INF	
5	SP	INF	INF	
6	SP	INF	INF	
7	SP	INF	INF	
8	SP	INF	INF	
9				
10				
11				
12				
13				
14				
15				
16				
17				
18				
19				
20				
21				
22				
23				
24				
25				
26				
27				
28				
29				
30				
31				
32				
33				
34				
35				
36				
37				
38				
39				
40				
41				
42				
43				
44				
45				
46				
47				
48				
49				
50				
51				
52				
53				
54				
55				
56				
57				
58				
59				
60				
61				

SIGNATURE: R. NAGLE [REDACTED] DATE MEGGERED: 7/18/2012

SIGNATURE: T SMITH [REDACTED] DATE MEGGERED: 7/18/2012

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

AMTRAK RECORD OF INSULATION RESISTANCE C&S 2.0

DIVISION		LOCATION	FROM:	TO:
MID-ATLANTIC		SHORE	LOC. "A"	1E Sig. "A" Arm
DATE INSTALLED:		MANUFACTURER	YEAR MANUFACTURED:	SPECIFICATION
11/09/91				7c 9
		LIST INSULATION RESISTANCE VALUES TO GROUND	LIST INSULATION RESISTANCE VALUES OF CROSS	CABLE DESIGNATION:
CDR	CRT. NOMENCLATURE			REMARKS:
1	1ESAE	200M	INF.	
2	1ESBE	INF.	INF.	
3	1EAHE	INF.	INF.	
4	1EAHBE	INF.	INF.	
5	1EADE	INF.	INF.	
6	ENX1-1E	100M	INF.	
7	ENX2-1E	100M	INF.	
8				
9				
10				
11				
12				
13				
14				
15				
16				
17				
18				
19				
20				
21				
22				
23				
24				
25				
26				
27				
28				
29				
30				
31				
32				
33				
34				
35				
36				
37				
38				
39				
40				
41				
42				
43				
44				
45				
46				
47				
48				
49				
50				
51				
52				
53				
54				
55				
56				
57				
58				
59				
60				
61				

SIGNATURE: D. DEWEES [REDACTED] DATE MEGGERED: 2/16/2013

SIGNATURE: C. BROOMALL [REDACTED] DATE MEGGERED: 2/16/2013

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		SHORE	LOC. "A"	1E Slg. "B" Arm
DATE INSTALLED:		MANUFACTURER	YEAR MANUFACTURED:	SPECIFICATION
11/08/91				5c9
		LIST INSULATION RESISTANCE VALUES TO GROUND	LIST INSULATION RESISTANCE VALUES OF CROSS	CABLE DESIGNATION:
CDR	CRT. NOMENCLATURE			REMARKS:
1	1EBNE	INF.	INF.	
2	1EBHAE	INF.	INF.	
3	1EBDE	INF.	INF.	
4	SPARE	INF.	INF.	
5	SPARE	INF.	INF.	
6				
7				
8				
9				
10				
11				
12				
13				
14				
15				
16				
17				
18				
19				
20				
21				
22				
23				
24				
25				
26				
27				
28				
29				
30				
31				
32				
33				
34				
35				
36				
37				
38				
39				
40				
41				
42				
43				
44				
45				
46				
47				
48				
49				
50				
51				
52				
53				
54				
55				
56				
57				
58				
59				
60				
61				
SIGNATURE: B. DEWEES		DATE MEGGERED: 2/16/2013		
SIGNATURE: J. KROTZ		DATE MEGGERED: 2/16/2013		
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		SHORE	LOC. "A"	2E Sig. "B" Arm
DATE INSTALLED:		MANUFACTURER	YEAR MANUFACTURED:	SPECIFICATION
11/10/91				5c9
		LIST INSULATION RESISTANCE VALUES TO GROUND	LIST INSULATION RESISTANCE VALUES OF CROSS	CABLE DESIGNATION:
CDR	CRT. NOMENCLATURE			REMARKS:
1	2EBNE	20M	INF.	
2	2EBHAE	INF.	INF.	
3	2EBDE	20M	INF.	
4	2EBHBE	INF.	INF.	
5	SPARE	INF.	INF.	
6				
7				
8				
9				
10				
11				
12				
13				
14				
15				
16				
17				
18				
19				
20				
21				
22				
23				
24				
25				
26				
27				
28				
29				
30				
31				
32				
33				
34				
35				
36				
37				
38				
39				
40				
41				
42				
43				
44				
45				
46				
47				
48				
49				
50				
51				
52				
53				
54				
55				
56				
57				
58				
59				
60				
61				
SIGNATURE: B. DEWEES		DATE MEGGERED: 2/16/2013		
SIGNATURE: J. KROTZ		DATE MEGGERED: 2/16/2013		
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		SHORE	LOC. "A"	2E Sig. "A" Arm
DATE INSTALLED:		MANUFACTURER	YEAR MANUFACTURED:	SPECIFICATION
				7c9
		LIST INSULATION RESISTANCE VALUES TO GROUND	LIST INSULATION RESISTANCE VALUES OF CROSS	CABLE DESIGNATION:
CDR	CRT. NOMENCLATURE			REMARKS:
1	2ESAE	INF.	INF.	
2	2ESBE	INF.	INF.	
3	2EAHAE	200M	INF.	
4	2EAHBE	INF.	INF.	
5	2EADE	INF.	INF.	
6	ENX1-2E	30M	200M	
7	ENX2-2E	30M	INF.	
8				
9				
10				
11				
12				
13				
14				
15				
16				
17				
18				
19				
20				
21				
22				
23				
24				
25				
26				
27				
28				
29				
30				
31				
32				
33				
34				
35				
36				
37				
38				
39				
40				
41				
42				
43				
44				
45				
46				
47				
48				
49				
50				
51				
52				
53				
54				
55				
56				
57				
58				
59				
60				
61				
SIGNATURE: B. DEWEES		DATE MEGGERED: 2/16/2013		
SIGNATURE: C. BROOMALL		DATE MEGGERED: 2/16/2013		
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		SHORE	LOC. A	3E SIG. "A" ARM
DATE INSTALLED:		MANUFACTURER	YEAR MANUFACTURED:	SPECIFICATION
				7c9
		LIST INSULATION RESISTANCE VALUES TO GROUND	LIST INSULATION RESISTANCE VALUES OF CROSS	CABLE DESIGNATION:
CDR	CRT. NOMENCLATURE			REMARKS:
1	3ESAE	INF.	INF.	
2	3ESBE	75M	INF.	
3	3EAHAE	INF.	INF.	
4	3EAHBE	75M	INF.	
5	3EADE	80M	INF.	
6	ENX1-3E	INF.	INF.	
7	ENX2-3E	INF.	INF.	
8				
9				
10				
11				
12				
13				
14				
15				
16				
17				
18				
19				
20				
21				
22				
23				
24				
25				
26				
27				
28				
29				
30				
31				
32				
33				
34				
35				
36				
37				
38				
39				
40				
41				
42				
43				
44				
45				
46				
47				
48				
49				
50				
51				
52				
53				
54				
55				
56				
57				
58				
59				
60				
61				

SIGNATURE: B. DEWEES [REDACTED] DATE MEGGERED: 2/16/2013

SIGNATURE: C. BROOMALL [REDACTED] DATE MEGGERED: 2/16/2013

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		SHORE	LOC. A	3E SIG. "B" ARM
DATE INSTALLED:		MANUFACTURER	YEAR MANUFACTURED:	SPECIFICATION
				5c9
		LIST INSULATION RESISTANCE VALUES TO GROUND	LIST INSULATION RESISTANCE VALUES OF CROSS	CABLE DESIGNATION:
CDR	CRT. NOMENCLATURE			REMARKS:
1	3EBNE	INF.	INF.	
2	3EBHAE	INF.	INF.	
3	3EBDE	80M	INF.	
4	SPARE	INF.	INF.	
5	SPARE	INF.	INF.	
6				
7				
8				
9				
10				
11				
12				
13				
14				
15				
16				
17				
18				
19				
20				
21				
22				
23				
24				
25				
26				
27				
28				
29				
30				
31				
32				
33				
34				
35				
36				
37				
38				
39				
40				
41				
42				
43				
44				
45				
46				
47				
48				
49				
50				
51				
52				
53				
54				
55				
56				
57				
58				
59				
60				
61				
SIGNATURE:		B. DEWEES		DATE MEGGERED: 2/16/2013
SIGNATURE:		J. KROTZ		DATE MEGGERED: 2/16/2013
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		SHORE	LOC. "A"	4E Sig. "A" Arm
DATE INSTALLED:		MANUFACTURER	YEAR MANUFACTURED:	SPECIFICATION
				7C9
		LIST INSULATION RESISTANCE VALUES TO GROUND	LIST INSULATION RESISTANCE VALUES OF CROSS	CABLE DESIGNATION:
CDR	CRT. NOMENCLATURE			REMARKS:
1	4ESAE	100M	50M	
2	4ESBE	INF.	INF.	
3	4EAHAE	INF.	INF.	
4	4EAHBE	50M	50M	
5	4EADE	INF.	INF.	
6	ENX1-4E	50M	50M	
7	ENX2-4E	150M	150M	
8				
9				
10				
11				
12				
13				
14				
15				
16				
17				
18				
19				
20				
21				
22				
23				
24				
25				
26				
27				
28				
29				
30				
31				
32				
33				
34				
35				
36				
37				
38				
39				
40				
41				
42				
43				
44				
45				
46				
47				
48				
49				
50				
51				
52				
53				
54				
55				
56				
57				
58				
59				
60				
61				

SIGNATURE: B. DEWEES [REDACTED] DATE MEGGERED: 2/16/2013

SIGNATURE: C. BROOMALL [REDACTED] DATE MEGGERED: 2/16/2013

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		SHORE	LOC. "A"	4E Sig. "B" Arm
DATE INSTALLED:		MANUFACTURER	YEAR MANUFACTURED:	SPECIFICATION
06/13/05				5c9
		LIST INSULATION RESISTANCE VALUES TO GROUND	LIST INSULATION RESISTANCE VALUES OF CROSS	CABLE DESIGNATION:
CDR	CRT. NOMENCLATURE			REMARKS:
1	4EBNE	50M	50M	
2	4EBHBE	INF.	INF.	
3	4EBDE	INF.	INF.	
4	SPARE	INF.	INF.	
5	SPARE	INF.	INF.	
6				
7				
8				
9				
10				
11				
12				
13				
14				
15				
16				
17				
18				
19				
20				
21				
22				
23				
24				
25				
26				
27				
28				
29				
30				
31				
32				
33				
34				
35				
36				
37				
38				
39				
40				
41				
42				
43				
44				
45				
46				
47				
48				
49				
50				
51				
52				
53				
54				
55				
56				
57				
58				
59				
60				
61				
SIGNATURE: D. DEWEES		DATE MEGGERED: 2/16/2013		
SIGNATURE: J. KROTZ		DATE MEGGERED: 2/16/2013		
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.				