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U. S. Nuclear Regulatory Commission
Attention: Document Control Desk
Washington, DC 20555-0001

**Subject: Beaver Valley Power Station, Unit No. 1 and No. 2
BV-1 Docket No. 50-334, License No. DPR-66
BV-2 Docket No. 50-412, License No. NPF-73
Year 2000 Steam Generator Examination Reports**

Enclosed is the Beaver Valley Power Station (BVPS) Unit No. 1 report describing the results of the steam generator eddy current examinations that occurred during the Unit No. 1 13th Refueling Outage (1R13 - February/March 2000). Also enclosed is the BVPS Unit No. 2 report describing the results of the steam generator eddy current examinations that occurred during the Unit No. 2 8th Refueling Outage (2R08 - September/October 2000). These reports satisfy Technical Specification 4.4.5.5.b in each Unit's respective Technical Specifications which require the submittal of the complete results of the steam generator tube and sleeve inservice inspection within 12 months following the completion of the inspection.

Summaries of the BVPS Unit 1 and Unit 2 steam generator inspections are contained in Enclosure 1 and Enclosure 2, respectively. The Enclosures are supported by Attachments 1 through 6A which include the information listed below as required by Technical Specification 4.4.5.5.b:

- a. Number and extent of tubes and sleeves inspected
- b. Location and percent of wall thickness for each indication of an imperfection
- c. Identification of tubes plugged or repaired

Enclosure 3 lists the data analysis (indication) acronyms.

If you have any questions regarding the attached information, please contact Mr. Thomas S. Cosgrove, Manager, Licensing at 724-682-5203.

Sincerely,


Lew W. Myers

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c: Mr. L. J. Burkhart, Project Manager
Mr. D. M. Kern, Sr. Resident Inspector
Mr. H. J. Miller, NRC Region I Administrator

BEAVER VALLEY POWER STATION

2000

STEAM GENERATOR EXAMINATION REPORT

ENCLOSURE 1

BEAVER VALLEY POWER STATION UNIT NO. 1

13TH REFUELING OUTAGE

ENCLOSURE 1

Beaver Valley Power Station Unit No. 1

13th Refueling Outage

(Attachments 1 through 3A)

Examinations and analysis performed during the 13th Refueling Outage were in compliance with the Beaver Valley Power Station Unit #1 Technical Specifications, NRC Regulatory Guide 1.83, the EPRI Steam Generator Examination Guidelines, Volume 1 (Rev. 5) and FENOC Procedure ISIE1-7 (Rev. 6), "Unit #1 Steam Generator Analysis Guidelines". Each data analyst was required to pass a site specific performance demonstration prior to analyzing the eddy current data from the current outage.

Eddy Current Examination

One hundred percent of the in-service tubes in Rows 3 through 46 from Steam Generators RC-E-1A, RC-E-1B and RC-E-1C were examined full length with bobbin coil probes. In-service tubes in Rows 1 and 2 were examined with bobbin coil probes to the upper most tube support plate in each leg. The U-bend regions of the inservice tubes in Rows 1 and 2 were examined with single coil Plus Point probes. A twenty percent random sample of the Row 3 U-bend region was also examined with single coil Plus Point probes.

Per the requirements of Technical Specification Amendment No. 198 (Generic Letter 95-05), all distorted tube support plate signals with bobbin coil voltages > 2.00 volts were further evaluated with 3-coil Plus Point probes. Those signals > 2.00 volts, confirmed (detected) with Plus Point, were repaired by tube sleeving and/or tube plugging. Distorted support plate signals ≤ 2.00 volts were randomly sampled with the Plus Point probe to confirm the morphology being observed remained Outside Diameter Stress Corrosion Cracking (ODSCC).

The following additional examinations were performed per Amendment No. 198:

All dents with bobbin coil voltages ≥ 5.00 volts located at tube support plates were re-examined with 3-coil Plus Point probes. No indications were observed.

265 hot leg tube support plate residual signals with amplitudes large enough to mask a 1.00 volt indication were re-examined with 3-coil Plus Point probes. No indications were observed.

One hundred percent of the hot leg top-of-tubesheet region was examined in each steam generator with 3-coil Plus Point probes. In addition, the following Plus Point examinations were performed, one hundred percent of the cold leg top-of-tubesheet region in RC-E-1A and a twenty percent random sample of the cold leg top-of-tubesheet region in RC-E-1B & RC-E-1C. Indications observed on the hot leg side were repaired by tube sleeving and/or tube plugging. No indications were observed on the cold leg side of the steam generators.

Fourteen support plate dents and free-span dings with bobbin coil voltages ≥ 2.00 volts located between the hot leg top-of-tubesheet and the third hot leg support plate were re-examined with 3-coil Plus Point probes. One indication (non-crack like) was administratively plugged.

ENCLOSURE 1_(Cont.)

Beaver Valley Power Station Unit No. 1

13th Refueling Outage

(Attachments 1 through 3A)

Tube Plug Removal

A total of 401 tubes were unplugged (226 in RC-E-1A, 175 in RC-E-1B) in anticipation of returning these locations to service through the Westinghouse laser welded sleeving process. Of these unplugged tubes, 11 tubes in RC-E-1A & 11 tubes in RC-E-1B were subsequently re-plugged with Westinghouse mechanical plugs manufactured from Inconel 690 material.

Seventy Framatome Inconel 600 rolled plugs were removed from RC-E-1C. These locations were subsequently re-plugged with Westinghouse mechanical plugs manufactured from Inconel 690 material.

Eddy current examination of the unplugged tubes being returned to service followed the same protocol as that of the in-service tubes.

Tube Sleeve Installation (RC-E-1A & RC-E-1B only)

A total of 516 laser welded tube sleeves were installed (RC-E-1A - 303 sleeves in 229 tubes, RC-E-1B - 213 sleeves installed in 185 tubes). Three sleeved tubes in RC-E-1B were removed from service. One tube sleeve (installed in an inservice tube) was plugged due to installation anomalies and two tube sleeves (installed in unplugged tubes) were administratively removed from service.

One hundred percent of the sleeve pressure retaining boundary welds, the sleeve expansion areas & the sleeve hard roll areas were examined with Plus Point probes as part of the installation process and to establish a baseline inspection of the sleeves. Bobbin coil probes were used for flaw detection in the unexpanded portions of the tube sleeve & installation parameter verification. Ultrasonic examination was used to verify the acceptance of the weld width.

The following table summarizes the number of tubes examined, number of inservice tubes with sleeves installed and the number of tubes removed from service:

	RC-E-1A	RC-E-1B	RC-E-1C
TUBES EXAMINED (BOBBIN)	2588	2819	3037
INSERVICE TUBES W/SLEEVES	229	182	N/A
TUBES REMOVED FROM SERVICE	7	3	17

ENCLOSURE 1_(Cont.)

Beaver Valley Power Station Unit No. 1
13th Refueling Outage
(Attachments 1 through 3A)

The results of the Unit 1 steam generator eddy current examinations are provided in the following Attachments:

- Attachment 1 -** Beaver Valley Unit #1 1R13 S/G Examination Results
RC-E-1A Tubes with Indications
- Attachment 1A -** Beaver Valley Unit #1 1R13 S/G Examination Results
RC-E-1A EOC 13 Inservice Tubes Repaired Via Plugging
- Attachment 1B -** Beaver Valley Unit #1 1R13 S/G Examination Results
RC-E-1A Tubes Repaired Via Sleeving
- Attachment 2 -** Beaver Valley Unit #1 1R13 S/G Examination Results
RC-E-1B Tubes with Indications
- Attachment 2A -** Beaver Valley Unit #1 1R13 S/G Examination Results
RC-E-1B EOC 13 Inservice Tubes Repaired Via Plugging
- Attachment 2B -** Beaver Valley Unit #1 1R13 S/G Examination Results
RC-E-1B Tubes Repaired Via Sleeving
- Attachment 3 -** Beaver Valley Unit #1 1R13 S/G Examination Results
RC-E-1C Tubes with Indications
- Attachment 3A -** Beaver Valley Unit #1 1R13 S/G Examination Results
RC-E-1C EOC 13 Inservice Tubes Repaired Via Plugging

ENCLOSURE 2

**BEAVER VALLEY POWER STATION
UNIT NO. 2**

8TH REFUELING OUTAGE

ENCLOSURE 2

Beaver Valley Power Station Unit No. 2

8th Refueling Outage

(Attachments 4 through 6A)

Examinations and analysis performed during the 8th refueling outage were in compliance with the Beaver Valley Power Station Unit # 2 Technical Specifications, NRC Regulatory Guide 1.83, the EPRI Steam Generator Examination Guidelines, Volume 1 (Rev. 5) and FENOC Procedure ISIE1-8 (Rev. 6), "Unit #2 Steam Generator Analysis Guidelines". Each data analyst was required to pass a site specific performance demonstration prior to analyzing the eddy current data from the current outage.

One hundred percent of the inservice tubes from Rows 3 through 46 in Steam Generators 2RCS-SG21A, 2RCS-SG21B and 2RCS-SG21C were examined full length with bobbin coil probes. In-service tubes in Rows 1 and 2 were examined with bobbin coil probes through the upper most tube support plate in each leg. The U-bend regions of the in-service tubes in Rows 1 and 2 were examined with single coil Plus Point probes. A twenty percent random sample of the Row 3 U-bend region was also examined with single coil Plus Point probes. Mid-range & high frequency Plus Point probes were used for these low row U-bend examinations.

3-coil Plus Point probes were used to examine the following:

- (a) 100% of the hot leg top-of-tubesheet region in each steam generator,
- (b) distorted or ambiguous bobbin signals,
- (c) 20% of dents & free-span dings ≥ 2.00 volts but < 5.00 volts located between the top of the hot leg tubesheet and the third hot leg support plate.
- (d) 100% of the dents ≥ 5.00 volts, located at tube support plate intersections.

All circumferential indications located at the top of the hot leg tubesheet were stabilized prior to removing the tube from service.

Eighteen Westinghouse Plug-in-Plug (PIP) retainers were visually examined. No indications were observed.

There are no tube sleeves installed at Unit 2.

The following table summarizes the number of tubes examined and number of tubes removed from service:

	2RCS-SG21A	2RCS-SG21B	2RCS-SG21C
TUBES EXAMINED (BOBBIN)	3288	3295	3285
TUBES REMOVED FROM SERVICE	18	20	6

ENCLOSURE 2 (Cont.)

Beaver Valley Power Station Unit No. 2

8th Refueling Outage

(Attachments 4 through 6A)

The results of the Unit 2 steam generator eddy current examinations are provided in the following Attachments:

- Attachment 4 -** Beaver Valley Unit #2 2R08 S/G Examination Results
2RCS-SG21A Tubes with Indications
- Attachment 4A -** Beaver Valley Unit #2 2R08 S/G Examination Results
2RCS-SG21A EOC 8 Inservice Tubes Repaired Via Plugging
- Attachment 5 -** Beaver Valley Unit #2 2R08 S/G Examination Results
2RCS-SG21B Tubes with Indications
- Attachment 5A -** Beaver Valley Unit #2 2R08 S/G Examination Results
2RCS-SG21B EOC 8 Inservice Tubes Repaired Via Plugging
- Attachment 6 -** Beaver Valley Unit #2 2R08 S/G Examination Results
2RCS-SG21C Tubes with Indications
- Attachment 6A -** Beaver Valley Unit #2 2R08 S/G Examination Results
2RCS-SG21C EOC 8 Inservice Tubes Repaired Via Plugging

ENCLOSURE 3

DATA ANALYSIS (INDICATION) ACRONYMS

ENCLOSURE 3

Data Analysis **(Indication) Acronyms**

The acronyms listed below are found in the Indication Column (IND) on the Attachments.

ACRONYM	MEANING
CSI	Confirmed Support Plate Indication
DNI	Dent with Possible Indication
DSI	Distorted Support Plate Signal with Possible Indication
DTI	Distorted Tubesheet Signal with Possible Indication
FSI	Free Span Indication
MAI	Multiple Axial Indication
MBI	Manufacturer's Burnish Mark with Possible Indication
MCI	Multiple Circumferential Indication
MVI	Multiple Volumetric Indication
NQI	Non-Quantifiable Indication
PCT	Percent Through Wall
PSI	Possible Support Plate Indication
SAI	Single Axial Indication
SCI	Single Circumferential Indication
SVI	Single Volumetric Indication
VOL	Volumetric Indication
WAR	Wear

ATTACHMENT 1

**BEAVER VALLEY UNIT #1
1R13 S/G EXAMINATION RESULTS
RC-E-1A
TUBES WITH INDICATIONS**

BEAVER VALLEY UNIT #1
1R13 S/G EXAMINATION RESULTS

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RC-E-1A
(TUBES WITH INDICATIONS)

Row	Col	Volts	Phase	Ind	PCT	Chan	Loc	Inch1	Inch2	Degrees	From	To
1	1	0.52	57	DSI		P1	04H	-0.03			07H	TEH
1	5	0.80	58	DSI		P1	01H	-0.06			07H	TEH
1	7	0.74	42	DSI		P1	01H	0.00			07H	TEH
1	7	0.55	59	DSI		P1	02H	0.00			07H	TEH
1	16	0.57	37	DSI		P1	01H	-0.03			07H	TEH
1	18	0.44	61	DSI		P1	01H	-0.06			07H	TEH
1	18	0.94	52	DSI		P1	02H	-0.03			07H	TEH
1	18	0.96	94	DSI		P1	03H	-0.03			07H	TEH
1	19	0.84	46	DSI		P1	01H	-0.06			07H	TEH
1	22	0.73	96	DSI		P1	01H	-0.06			07H	TEH
1	22	0.44	50	DSI		P1	02H	-0.03			07H	TEH
1	26	1.18	80	DSI		P1	01H	0.00			07H	TEH
1	26	0.51	83	DSI		P1	02H	-0.12			07H	TEH
1	30	1.20	56	DSI		P1	01H	-0.12			07H	TEH
1	30	0.30	129	SAI		3	01H	0.00			01H	01H
1	38	0.98	33	SAI		2	07H	8.66	8.53		07H	07C
1	41	0.43	123	DSI		P1	01H	-0.18			07H	TEH
1	45	0.95	100	DSI		P1	01H	-0.12			07H	TEH
1	45	0.39	115	DSI		P1	03H	0.12			07H	TEH
1	45	0.26	86	SAI		3	03H	0.00			03H	03H
1	49	0.43	46	DSI		P1	02H	-0.03			07H	TEH
1	53	0.35	97	DSI		P1	01H	-0.09			07H	TEH
1	60	0.50	109	DSI		P1	01H	-0.15			07H	TEH
1	61	0.70	85	DSI		P1	01H	-0.03			07H	TEH
1	84	1.23	34	DSI		P1	03H	-0.03			07H	TEH
1	84	0.23	105	SAI		3	03H	0.00			03H	03H
2	3	0.54	30	DSI		P1	01H	0.00			07H	TEH
2	3	0.39	21	DSI		P1	02H	0.00			07H	TEH
2	7	0.96	118	DSI		P1	02H	-0.06			07H	TEH
2	10	1.51	170	DSI		P1	01H	0.00			07H	TEH
2	10	1.51	128	DSI		P1	02H	-0.12			07H	TEH
2	10	0.20	84	SAI		3	01H	0.08			01H	01H
2	10	0.44	120	MAI		3	02H	-0.11			02H	02H
2	11	0.53	60	DSI		P1	01H	-0.06			07H	TEH
2	11	1.59	70	DSI		P1	02H	-0.12			07H	TEH
2	11	0.29	61	DSI		P1	06H	0.00			07H	TEH
2	11	0.32	120	MAI		3	02H	-0.12			02H	02H
2	13	1.65	14	SAI		3	TSH	-1.02	-1.27		TSH	TSH
2	14	0.64	45	DSI		P1	02H	0.00			07H	TEH
2	16	0.70	27	DSI		P1	01H	-0.03			07H	TEH
2	20	0.65	15	DSI		P1	02H	-0.12			07H	TEH
2	20	0.14	126	SAI		3	02H	0.00			02H	02H
2	22	1.49	50	DSI		P1	01H	-0.06			07H	TEH
2	22	0.37	90	MAI		3	TSH	0.38	0.00		TSH	TSH
2	24	1.74	61	DSI		P1	01H	-0.12			07H	TEH
2	24	0.55	55	DSI		P1	02H	-0.06			07H	TEH
2	24	0.28	125	SAI		3	01H	0.00			01H	01H
2	27	1.10	16	DSI		P1	01H	0.03			07H	TEH
2	27	0.21	119	MAI		3	01H	0.00			01H	01H
2	28	0.53	48	DSI		P1	01H	-0.06			07H	TEH
2	30	0.63	82	DSI		P1	01H	-0.09			07H	TEH

BEAVER VALLEY UNIT #1
1R13 S/G EXAMINATION RESULTS

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RC-E-1A
(TUBES WITH INDICATIONS)

Row	Col	Volts	Phase	Ind	PCT	Chan	Loc	Inch1	Inch2	Degrees	From	To
2	30	0.26	22	DSI		P1	03H	0.03			07H	TEH
2	30	0.22	122	MAI		3	03H	0.00			03H	03H
2	33	0.41	67	DSI		P1	03H	0.03			07H	TEH
2	35	0.53	129	DSI		P1	01H	-0.09			07H	TEH
2	36	0.58	67	DSI		P1	01H	-0.03			07H	TEH
2	37	1.12	83	DSI		P1	01H	-0.15			07H	TEH
2	38	0.67	68	DSI		P1	01H	-0.06			07H	TEH
2	40	0.97	60	DSI		P1	01H	-0.09			07H	TEH
2	44	0.86	79	DSI		P1	01H	-0.03			07H	TEH
2	44	0.17	114	DSI		P1	03H	0.06			07H	TEH
2	44	0.56	131	DSI		P1	04H	-0.21			07H	TEH
2	44	0.15	132	SAI		3	03H	0.00			03H	03H
2	44	0.17	85	SAI		3	04H	0.00			04H	04H
2	48	0.24	113	SAI		3	TSH	-0.12	-0.20		TSH	TSH
2	51	1.32	32	DSI		P1	01H	0.00			07H	TEH
2	51	0.35	101	MAI		3	01H	0.00			01H	01H
2	53	0.71	98	DSI		P1	01H	0.06			07H	TEH
2	53	0.36	84	DSI		P1	02H	-0.09			07H	TEH
2	53	0.23	119	SAI		3	02H	0.00			02H	02H
2	57	0.59	84	DSI		P1	01H	0.00			07H	TEH
2	57	0.18	93	SAI		3	TSH	-0.02	-0.18		TSH	TSH
2	57	0.35	118	MAI		3	01H	0.00			01H	01H
2	60	0.42	55	DSI		P1	01H	-0.09			07H	TEH
2	65	0.45	48	DSI		P1	01H	0.00			07H	TEH
2	65	0.31	63	DSI		P1	02H	-0.06			07H	TEH
2	68	0.82	29	DSI		P1	01H	0.06			07H	TEH
2	69	0.50	95	DSI		P1	01H	0.09			07H	TEH
2	70	0.96	53	DSI		P1	02H	0.00			07H	TEH
2	74	0.39	56	DSI		P1	02H	-0.03			07H	TEH
2	84	0.39	77	DSI		P1	01H	0.00			07H	TEH
2	84	0.28	57	DSI		P1	02H	-0.03			07H	TEH
2	85	0.65	59	DSI		P1	03H	0.06			07H	TEH
2	86	0.51	92	DSI		P1	02H	0.03			07H	TEH
2	87	0.62	71	DSI		P1	02H	0.00			07H	TEH
2	92	0.65	74	DSI		P1	01H	0.00			07H	TEH
2	93	0.43	130	PCT	15	P1	02C	-0.03			07C	TEC
2	93	1.72	122	PCT	27	P1	01C	-0.14			07C	TEC
3	3	0.65	92	DSI		P1	01H	0.00			07H	TEH
3	3	0.57	92	DSI		P1	02H	0.09			07H	TEH
3	7	0.66	65	DSI		P1	01H	-0.12			07H	TEH
3	9	0.34	79	DSI		P1	01H	-0.03			07H	TEH
3	9	0.39	45	DSI		P1	02H	0.09			07H	TEH
3	10	1.21	126	DSI		P1	01H	0.18			07H	TEH
3	10	0.30	121	MAI		3	01H	0.23			01H	01H
3	11	0.72	76	DSI		P1	01H	-0.03			07H	TEH
3	11	0.73	78	DSI		P1	02H	-0.06			07H	TEH
3	13	0.65	27	DSI		P1	01H	-0.03			07H	TEH
3	14	0.36	75	DSI		P1	01H	-0.03			07H	TEH
3	15	0.56	46	DSI		P1	01H	0.00			07H	TEH
3	15	0.96	64	DSI		P1	03H	0.00			07H	TEH
3	16	0.49	68	DSI		P1	03H	0.03			07H	TEH

BEAVER VALLEY UNIT #1
1R13 S/G EXAMINATION RESULTS

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RC-E-1A
(TUBES WITH INDICATIONS)

Row	Col	Volts	Phase	Ind	PCT	Chan	Loc	Inch1	Inch2	Degrees	From	To
3	19	0.81	87	DSI		P1	02H	-0.06			07H	TEH
3	20	1.31	86	DSI		P1	01H	-0.15			07H	TEH
3	20	1.27	85	DSI		P1	02H	-0.18			07H	TEH
3	21	2.06	91	DSI		P1	01H	-0.15			07H	TEH
3	21	0.93	98	DSI		P1	02H	-0.24			07H	TEH
3	21	0.49	88	SAI		3	TSH	0.47	0.17		TSH	TSH
3	21	0.35	100	MAI		3	02H	0.00			02H	02H
3	21	0.29	119	MAI		3	01H	-0.07			01H	01H
3	25	0.37	39	DSI		P1	01H	-0.06			07H	TEH
3	25	0.29	106	DSI		P1	02H	-0.03			07H	TEH
3	26	1.74	85	DSI		P1	01H	-0.09			07H	TEH
3	26	0.48	105	MAI		3	01H	0.00			01H	01H
3	29	0.74	45	DSI		P1	01H	-0.09			07H	TEH
3	32	0.98	75	DSI		P1	01H	0.00			07H	TEH
3	32	0.66	70	DSI		P1	02H	0.00			07H	TEH
3	32	0.63	110	DSI		P1	03H	0.15			07H	TEH
3	32	0.47	71	DSI		P1	04H	0.00			07H	TEH
3	35	0.45	49	DSI		P1	01H	-0.03			07H	TEH
3	36	0.91	51	DSI		P1	01H	-0.06			07H	TEH
3	36	0.93	15	DSI		P1	03H	0.03			07H	TEH
3	36	0.21	125	DSI		P1	06H	0.00			07H	TEH
3	36	0.16	113	SAI		3	03H	-0.13			03H	03H
3	45	0.68	126	DSI		P1	01H	0.12			07H	TEH
3	47	0.61	87	DSI		P1	01H	0.00			07H	TEH
3	47	0.66	62	DSI		P1	02H	-0.06			07H	TEH
3	47	0.59	119	DSI		P1	03H	0.12			07H	TEH
3	48	0.37	111	DSI		P1	01H	-0.03			07H	TEH
3	48	0.28	73	DSI		P1	03H	0.06			07H	TEH
3	50	0.39	39	DSI		P1	02H	-0.03			07H	TEH
3	50	0.16	115	SAI		3	TSH	0.17	0.06		TSH	TSH
3	51	0.44	69	DSI		P1	01H	-0.03			07H	TEH
3	51	0.30	93	DSI		P1	03H	0.09			07H	TEH
3	51	0.44	39	DSI		P1	06H	0.06			07H	TEH
3	51	0.52	41	DSI		P1	06H	0.00			07C	06H
3	55	0.43	104	DSI		P1	01H	-0.06			07H	TEH
3	55	0.92	48	DSI		P1	02H	-0.03			07H	TEH
3	56	1.69	103	DSI		P1	01H	-0.18			07H	TEH
3	56	1.13	102	DSI		P1	02H	0.09			07H	TEH
3	56	0.50	94	DSI		P1	04H	-0.12			07H	TEH
3	56	0.39	123	MAI		3	02H	0.01			02H	02H
3	56	0.20	117	SAI		3	04H	0.00			04H	04H
3	58	0.95	81	DSI		P1	01H	-0.12			07H	TEH
3	58	1.05	65	DSI		P1	02H	0.00			07H	TEH
3	58	0.42	96	DSI		P1	04H	-0.06			07H	TEH
3	63	0.69	77	DSI		P1	01H	0.03			07H	TEH
3	63	0.26	78	DSI		P1	02H	-0.09			07H	TEH
3	63	0.22	83	DSI		P1	07H	0.00			07H	TEH
3	64	0.49	44	DSI		P1	02H	-0.03			07H	TEH
3	67	0.37	74	DSI		P1	02H	0.06			07H	TEH
3	70	0.70	99	DSI		P1	02H	0.03			07H	TEH
3	73	0.37	78	DSI		P1	01H	0.06			07H	TEH

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RC-E-1A
(TUBES WITH INDICATIONS)

Row	Col	Volts	Phase	Ind	PCT	Chan	Loc	Inch1	Inch2	Degrees	From	To
3	75	4.70	95	DSI		P1	01H	0.00			07H	TEH
3	75	3.71	94	DSI		P1	02H	0.18			07H	TEH
3	75	1.58	87	MAI		3	01H	0.04			01H	01H
3	75	0.71	107	MAI		3	02H	0.16			02H	02H
3	77	0.60	145	DSI		P1	02H	0.15			07H	TEH
3	77	0.20	119	SAI		3	02H	0.00			02H	02H
3	78	4.99	79	DSI		P1	01H	0.00			07H	TEH
3	78	2.33	70	MAI		3	01H	0.00			01H	01H
3	85	0.71	61	DSI		P1	01H	0.03			07H	TEH
3	85	0.39	90	DSI		P1	02H	0.03			07H	TEH
3	93	0.62	135	PCT	7	P1	01C	-0.08			07C	TEC
3	93	0.24	111	VOL		3	01C	-0.09			01C	01C
4	1	0.41	103	DSI		P1	01H	-0.06			07H	TEH
4	5	1.05	45	DSI		P1	01H	-0.03			07H	TEH
4	5	0.43	71	DSI		P1	02H	0.00			07H	TEH
4	5	0.13	115	MAI		3	01H	-0.10			01H	01H
4	7	0.84	44	DSI		P1	01H	0.00			07H	TEH
4	7	0.73	26	DSI		P1	04H	0.00			07H	TEH
4	7	0.42	20	DSI		P1	05H	-0.03			07H	TEH
4	9	1.02	62	DSI		P1	01H	0.00			07H	TEH
4	9	0.45	53	DSI		P1	02H	-0.03			07H	TEH
4	9	0.49	118	PCT	36	P1	01C	0.05			07C	TEC
4	10	0.68	95	DSI		P1	01H	0.03			07H	TEH
4	10	0.79	59	DSI		P1	02H	-0.06			07H	TEH
4	11	0.63	24	DSI		P1	02H	-0.06			07H	TEH
4	14	0.41	91	DSI		P1	01H	0.03			07H	TEH
4	14	0.61	58	DSI		P1	02H	-0.09			07H	TEH
4	17	0.45	41	DSI		P1	01H	0.00			07H	TEH
4	17	0.59	67	DSI		P1	02H	0.00			07H	TEH
4	18	4.46	100	DSI		P1	01H	0.03			07C	TEH
4	18	1.17	109	DSI		P1	02H	-0.09			07C	TEH
4	18	0.91	89	DSI		P1	06H	-0.03			07C	TEH
4	18	4.19	97	DSI		P1	01H	-0.03			07H	TEH
4	18	1.33	99	DSI		P1	02H	-0.15			07H	TEH
4	18	0.83	77	DSI		P1	06H	-0.09			07H	TEH
4	18	0.21	68	SAI		3	TSH	-0.22	-0.36		TSH	TSH
4	18	0.51	110	SAI		3	02H	-0.11			02H	02H
4	18	0.22	87	MAI		3	06H	0.00			06H	06H
4	18	0.66	101	MAI		3	01H	-0.13			01H	01H
4	19	1.55	69	DSI		P1	01H	-0.06			07C	TEH
4	19	1.43	69	DSI		P1	01H	-0.09			07H	TEH
4	19	0.21	92	MAI		3	TSH	0.39	0.10		TSH	TSH
4	24	2.20	7	DSI		P1	01H	0.00			07H	TEH
4	24	0.60	117	MAI		3	01H	0.00			01H	01H
4	25	4.86	108	DSI		P1	01H	-0.03			07C	TEH
4	25	1.64	116	DSI		P1	02H	-0.15			07C	TEH
4	25	0.30	91	DSI		P1	06H	-0.09			07C	TEH
4	25	4.68	110	DSI		P1	01H	-0.03			07H	TEH
4	25	1.41	116	DSI		P1	02H	-0.12			07H	TEH
4	25	0.28	87	DSI		P1	06H	-0.06			07H	TEH
4	25	0.14	104	SAI		3	06H	0.00			06H	06H

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RC-E-1A
(TUBES WITH INDICATIONS)

Row	Col	Volts	Phase	Ind	PCT	Chan	Loc	Inch1	Inch2	Degrees	From	To
4	25	0.53	92	MAI		3	01H	0.05			01H	01H
4	28	0.64	49	DSI		P1	01H	0.00			07H	TEH
4	33	1.20	70	DSI		P1	01H	-0.03			07H	TEH
4	33	0.65	88	DSI		P1	02H	-0.12			07H	TEH
4	33	1.11	100	DSI		P1	03H	-0.15			07H	TEH
4	33	0.62	107	MAI		3	01H	0.00			01H	01H
4	45	0.86	69	DSI		P1	01H	-0.06			07H	TEH
4	47	0.59	21	DSI		P1	02H	0.06			07H	TEH
4	50	0.37	50	DSI		P1	01H	-0.09			07H	TEH
4	51	0.72	109	DSI		P1	01H	0.12			07H	TEH
4	52	0.17	147	SAI		3	TSH	-0.32	-0.37		TSH	TSH
4	53	1.03	59	DSI		P1	01H	-0.03			07H	TEH
4	54	0.74	48	DSI		P1	01H	-0.06			07H	TEH
4	57	0.49	58	DSI		P1	01H	-0.03			07H	TEH
4	59	0.32	72	DSI		P1	02H	-0.06			07H	TEH
4	60	0.44	70	DSI		P1	01H	-0.03			07H	TEH
4	60	0.78	45	DSI		P1	02H	-0.03			07H	TEH
4	60	0.37	39	DSI		P1	05H	0.03			07H	TEH
4	63	0.68	51	DSI		P1	02H	0.06			07H	TEH
4	63	0.44	84	DSI		P1	03H	-0.03			07H	TEH
4	64	4.60	95	DSI		P1	01H	0.00			07H	TEH
4	64	2.03	106	DSI		P1	02H	0.18			07H	TEH
4	64	0.64	97	DSI		P1	05H	-0.03			07H	TEH
4	64	0.29	121	SAI		3	05H	0.00			05H	05H
4	64	0.90	99	MAI		3	01H	0.23			01H	01H
4	64	0.36	127	MAI		3	02H	0.31			02H	02H
4	65	0.56	62	DSI		P1	01H	0.00			07H	TEH
4	68	0.39	96	DSI		P1	01H	-0.09			07H	TEH
4	68	0.46	71	DSI		P1	02H	-0.03			07H	TEH
4	70	0.44	71	DSI		P1	01H	-0.03			07H	TEH
4	72	0.51	67	DSI		P1	01H	-0.03			07H	TEH
4	75	0.58	52	DSI		P1	01H	-0.03			07H	TEH
4	77	0.32	51	DSI		P1	01H	-0.09			07H	TEH
4	85	0.40	122	DSI		P1	03H	0.06			07H	TEH
4	86	1.84	86	DSI		P1	02H	0.30			07H	TEH
5	1	0.92	97	DSI		P1	01H	0.08			TEH	TEC
5	1	0.59	66	DSI		P1	03H	0.08			TEH	TEC
5	1	0.51	138	PCT	9	P1	02C	0.03			TEH	TEC
5	5	0.51	56	DSI		P1	01H	-0.03			TEH	TEC
5	8	0.47	57	DSI		P1	01H	-0.03			TEH	TEC
5	8	0.52	77	DSI		P1	02H	0.00			TEH	TEC
5	11	0.61	48	DSI		P1	01H	-0.03			TEH	TEC
5	11	0.68	36	DSI		P1	02H	0.11			TEH	TEC
5	13	0.41	54	DSI		P1	01H	-0.05			TEH	TEC
5	14	0.39	86	DSI		P1	01H	0.11			TEH	TEC
5	14	0.45	57	DSI		P1	02H	-0.11			TEH	TEC
5	16	0.83	68	DSI		P1	01H	0.03			TEH	TEC
5	17	1.28	9	SAI		3	TSH	-9.66	-9.81		TSH	TSH
5	17	2.17	15	SAI		3	TSH	-8.83	-9.17		TSH	TSH
5	19	0.66	85	DSI		P1	01H	-0.12			07C	TEH
5	19	0.99	120	DSI		P1	02H	-0.21			07C	TEH

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RC-E-1A
(TUBES WITH INDICATIONS)

Row	Col	Volts	Phase	Ind	PCT	Chan	Loc	Inch1	Inch2	Degrees	From	To
5	19	0.22	121	MAI		3	TSH	0.16	-0.07		TSH	TSH
5	19	0.28	61	DSI		P1	07C	0.00			07C	TEC
5	19	0.45	119	SAI		3	01H	0.00			01H	01H
5	19	0.36	123	MAI		3	02H	0.00			02H	02H
5	20	0.29	32	DSI		P1	02H	0.00			TEH	TEC
5	21	0.54	122	DSI		P1	01H	-0.06			07C	TEH
5	21	0.65	63	DSI		P1	02H	0.06			07C	TEH
5	21	0.49	54	SAI		3	TSH	-0.15	-0.29		TSH	TSH
5	21	1.04	89	SAI		3	01H	0.00			01H	01H
5	21	0.30	108	SAI		3	02H	0.00			02H	02H
5	22	0.94	55	DSI		P1	01H	-0.03			TEH	TEC
5	23	0.72	63	DSI		P1	01H	0.00			TEH	TEC
5	25	0.99	100	DSI		P1	01H	-0.03			07C	TEH
5	25	0.92	110	DSI		P1	02H	0.00			07C	TEH
5	25	0.26	113	SAI		3	TSH	0.18	0.05		TSH	TSH
5	25	0.19	128	SAI		3	01H	0.00			01H	01H
5	25	0.15	116	MAI		3	02H	0.00			02H	02H
5	32	1.14	74	DSI		P1	01H	-0.03			TEH	TEC
5	34	0.89	107	DSI		P1	01H	-0.05			TEH	TEC
5	37	2.19	99	DSI		P1	01H	-0.15			07C	TEH
5	37	0.37	113	MAI		3	01H	-0.08			01H	01H
5	38	3.38	96	DSI		P1	01H	0.00			07C	TEH
5	38	0.40	93	MAI		3	01H	-0.11			01H	01H
5	40	1.04	92	DSI		P1	01H	0.03			TEH	TEC
5	43	0.36	95	DSI		P1	01H	0.16			TEH	TEC
5	43	0.84	56	DSI		P1	02H	-0.03			TEH	TEC
5	44	0.71	58	DSI		P1	02H	0.00			TEH	TEC
5	45	2.04	95	DSI		P1	01H	0.00			07C	TEH
5	45	0.71	79	DSI		P1	02H	-0.03			07C	TEH
5	45	0.16	109	MAI		3	02H	0.00			02H	02H
5	45	0.59	103	MAI		3	01H	-0.14			01H	01H
5	47	0.37	82	DSI		P1	01H	0.06			TEH	TEC
5	48	0.89	87	SAI		3	TSH	0.44	0.09		TSH	TSH
5	49	0.56	60	DSI		P1	02H	0.00			TEH	TEC
5	51	1.03	88	DSI		P1	01H	-0.03			TEH	TEC
5	58	1.30	158	DSI		P1	02H	0.19			TEH	TEC
5	58	0.34	116	MAI		3	02H	0.00			02H	02H
5	59	0.30	73	DSI		P1	01H	0.14			TEH	TEC
5	59	0.37	110	DSI		P1	02H	0.11			TEH	TEC
5	61	0.80	108	DSI		P1	01H	0.03			TEH	TEC
5	62	1.14	106	DSI		P1	01H	0.00			TEH	TEC
5	62	1.31	88	DSI		P1	02H	0.00			TEH	TEC
5	62	0.51	107	SAI		3	02H	0.00			02H	02H
5	66	0.65	89	DSI		P1	01H	0.03			TEH	TEC
5	69	0.39	58	DSI		P1	01H	0.06			TEH	TEC
5	71	0.31	56	DSI		P1	02H	0.06			TEH	TEC
5	72	0.95	37	DSI		P1	01H	0.06			TEH	TEC
5	72	0.58	108	SAI		3	01H	0.00			01H	01H
5	73	0.97	105	DSI		P1	01H	-0.03			TEH	TEC
5	73	0.47	87	DSI		P1	02H	0.14			TEH	TEC
5	74	0.44	85	DSI		P1	01H	0.00			07C	TEH

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RC-E-1A
(TUBES WITH INDICATIONS)

Row	Col	Volts	Phase	Ind	PCT	Chan	Loc	Inch1	Inch2	Degrees	From	To
5	74	0.53	92	DSI		P1	02H	-0.15			07C	TEH
5	74	1.16	21	SAI		3	TSH	-2.06	-2.17		TSH	TSH
5	74	0.32	118	SAI		3	01H	0.00			01H	01H
5	74	0.32	110	MAI		3	02H	0.00			02H	02H
5	75	2.34	10	DTI		P1	TEH	20.58			07H	TEH
5	75	1.88	14	DTI		P1	TEH	20.72			07C	TEH
5	75	2.13	12	SAI		3	TSH	-0.76	-1.00		TSH	TSH
5	76	0.53	93	DSI		P1	01H	0.00			07H	TEH
5	76	0.42	55	DSI		P1	02H	-0.03			07H	TEH
5	76	0.62	93	DSI		P1	01H	-0.03			07C	TEH
5	76	0.43	66	DSI		P1	02H	0.00			07C	TEH
5	76	0.20	80	SAI		3	TSH	0.39	0.19		TSH	TSH
5	76	0.62	108	SAI		3	01H	0.00			01H	01H
5	76	0.33	105	SAI		3	02H	0.00			02H	02H
5	79	1.32	67	DSI		P1	01H	0.08			TEH	TEC
5	79	0.20	95	DSI		P1	02H	0.03			TEH	TEC
5	79	0.17	106	MAI		3	01H	0.00			01H	01H
5	80	1.00	75	DSI		P1	01H	0.11			TEH	TEC
5	82	0.25	89	DSI		P1	02H	0.03			TEH	TEC
5	86	0.45	110	DSI		P1	01H	0.06			TEH	TEC
5	86	1.07	77	DSI		P1	02H	0.17			TEH	TEC
5	87	0.30	38	DSI		P1	01H	-0.03			TEH	TEC
5	90	0.40	97	DSI		P1	02H	0.08			TEH	TEC
5	91	0.52	49	DSI		P1	01H	0.14			TEH	TEC
5	91	0.61	88	DSI		P1	04H	0.11			TEH	TEC
5	92	0.65	65	DSI		P1	04H	-0.06			TEH	TEC
5	94	0.28	131	PCT	21	P1	01C	-0.08			TEH	TEC
6	1	0.54	102	DSI		P1	01H	0.16			TEH	TEC
6	1	0.81	124	PCT	30	P1	03C	0.22			TEH	TEC
6	2	0.26	88	DSI		P1	02H	0.13			TEH	TEC
6	5	0.96	61	DSI		P1	01H	0.00			TEH	TEC
6	5	0.69	37	DSI		P1	02H	-0.05			TEH	TEC
6	6	0.62	36	DSI		P1	01H	0.00			TEH	TEC
6	9	0.57	88	DSI		P1	01H	-0.03			TEH	TEC
6	9	0.62	129	DSI		P1	02H	0.14			TEH	TEC
6	9	0.62	107	DSI		P1	03H	-0.05			TEH	TEC
6	11	1.77	12	DSI		P1	02H	0.13			TEH	TEC
6	11	0.13	115	SAI		3	02H	-0.11			02H	02H
6	12	1.89	83	DSI		P1	01H	-0.03			TEH	TEC
6	12	1.71	119	DSI		P1	02H	0.24			TEH	TEC
6	12	0.82	106	DSI		P1	03H	-0.19			TEH	TEC
6	12	0.82	110	MAI		3	01H	0.00			01H	01H
6	12	0.31	116	MAI		3	02H	0.00			02H	02H
6	15	1.00	78	DSI		P1	01H	-0.03			TEH	TEC
6	15	1.39	78	DSI		P1	02H	-0.03			TEH	TEC
6	15	0.53	110	SAI		3	02H	0.00			02H	02H
6	17	0.54	55	DSI		P1	01H	0.05			TEH	TEC
6	18	1.83	100	DSI		P1	01H	-0.08			TEH	TEC
6	18	0.59	128	DSI		P1	02H	-0.11			TEH	TEC
6	18	0.73	114	DSI		P1	03H	-0.16			TEH	TEC
6	18	0.54	127	MAI		3	01H	0.00			01H	01H

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RC-E-1A
(TUBES WITH INDICATIONS)

Row	Col	Volts	Phase	Ind	PCT	Chan	Loc	Inch1	Inch2	Degrees	From	To
6	20	0.48	116	DSI		P1	01H	-0.05			TEH	TEC
6	22	0.71	52	DSI		P1	01H	-0.05			TEH	TEC
6	22	0.64	102	DSI		P1	02H	0.05			TEH	TEC
6	23	0.60	53	DSI		P1	01H	0.00			TEH	TEC
6	23	0.84	108	DSI		P1	02H	0.00			TEH	TEC
6	24	0.64	52	DSI		P1	01H	0.00			TEH	TEC
6	29	1.06	67	DSI		P1	01H	-0.03			TEH	TEC
6	35	0.90	101	DSI		P1	01H	-0.05			TEH	TEC
6	44	0.62	94	DSI		P1	01H	0.16			TEH	TEC
6	44	0.82	60	DSI		P1	02H	0.03			TEH	TEC
6	50	0.64	119	DSI		P1	01H	-0.11			TEH	TEC
6	50	0.32	69	DSI		P1	02H	0.00			TEH	TEC
6	54	0.49	97	DSI		P1	01H	0.03			TEH	TEC
6	54	0.23	79	DSI		P1	02H	-0.08			TEH	TEC
6	57	0.83	32	DSI		P1	01H	-0.08			TEH	TEC
6	58	0.20	84	DSI		P1	01H	0.06			TEH	TEC
6	58	0.50	108	DSI		P1	02H	0.03			TEH	TEC
6	58	0.17	121	SAI		3	01H	0.00			01H	01H
6	59	0.40	83	DSI		P1	01H	0.00			TEH	TEC
6	59	0.67	104	DSI		P1	02H	0.19			TEH	TEC
6	65	0.53	117	DSI		P1	01H	0.19			TEH	TEC
6	69	0.74	41	DSI		P1	01H	0.06			TEH	TEC
6	69	0.28	64	DSI		P1	02H	0.08			TEH	TEC
6	70	1.43	148	DSI		P1	01H	-0.14			TEH	TEC
6	70	1.51	125	DSI		P1	02H	0.06			TEH	TEC
6	70	0.92	105	MAI		3	01H	0.00			01H	01H
6	70	0.49	117	SAI		3	02H	0.00			02H	02H
6	71	0.68	57	DSI		P1	01H	-0.12			07C	TEH
6	71	0.24	116	SAI		3	TSH	0.32	0.15		TSH	TSH
6	71	0.35	106	SAI		3	01H	0.00			01H	01H
6	76	0.95	77	DSI		P1	02H	0.00			TEH	TEC
6	76	0.28	108	SAI		3	TSH	0.11	-0.10		TSH	TSH
6	77	3.82	101	DSI		P1	01H	0.00			07H	TEH
6	77	4.08	101	DSI		P1	01H	0.00			07C	TEH
6	77	0.92	104	MAI		3	01H	0.21			01H	01H
6	92	0.40	49	DSI		P1	02H	0.03			TEH	TEC
6	94	0.57	143	DSI		P1	01H	0.19			TEH	TEC
7	1	0.56	114	DSI		P1	01H	0.00			TEH	TEC
7	2	0.48	61	DSI		P1	01H	0.08			TEH	TEC
7	2	0.53	28	DSI		P1	04H	0.00			TEH	TEC
7	3	0.92	44	DSI		P1	01H	0.08			TEH	TEC
7	3	0.62	27	DSI		P1	02H	0.03			TEH	TEC
7	3	0.27	125	MAI		3	01H	0.15			01H	01H
7	4	0.70	63	DSI		P1	01H	0.03			TEH	TEC
7	4	0.83	128	DSI		P1	02H	0.05			TEH	TEC
7	5	0.49	118	DSI		P1	02H	0.11			TEH	TEC
7	5	0.90	115	DSI		P1	03H	0.00			TEH	TEC
7	7	0.31	61	DSI		P1	02H	-0.08			TEH	TEC
7	8	1.33	83	DSI		P1	01H	0.03			TEH	TEC
7	8	2.01	89	DSI		P1	02H	0.11			TEH	TEC
7	8	1.36	78	DSI		P1	03H	-0.11			TEH	TEC

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Row	Col	Volts	Phase	Ind	PCT	Chan	Loc	Inch1	Inch2	Degrees	From	To
7	8	0.71	84	DSI		P1	04H	0.11			TEH	TEC
7	8	1.20	93	DSI		P1	05H	0.05			TEH	TEC
7	8	0.67	105	MAI		3	01H	0.00			01H	01H
7	8	0.22	98	MAI		3	02H	0.00			02H	02H
7	8	0.29	117	MAI		3	03H	0.00			03H	03H
7	8	0.52	111	SAI		3	05H	-0.16			05H	05H
7	10	0.60	62	DSI		P1	01H	-0.05			TEH	TEC
7	10	1.12	97	DSI		P1	02H	0.05			TEH	TEC
7	10	1.27	70	DSI		P1	03H	-0.11			TEH	TEC
7	10	0.38	114	MAI		3	03H	-0.12			03H	03H
7	11	1.13	68	DSI		P1	01H	0.00			TEH	TEC
7	11	0.92	20	DSI		P1	07H	0.03			TEH	TEC
7	11	0.13	102	SAI		3	07H	-0.05			07H	07H
7	16	0.85	76	DSI		P1	01H	0.14			TEH	TEC
7	16	0.57	74	DSI		P1	02H	-0.08			TEH	TEC
7	18	1.23	79	DSI		P1	01H	-0.05			TEH	TEC
7	18	1.61	52	DSI		P1	02H	-0.03			TEH	TEC
7	18	0.61	121	MAI		3	01H	0.00			01H	01H
7	18	0.81	114	MAI		3	02H	0.00			02H	02H
7	22	0.79	63	DSI		P1	02H	0.00			07C	TEH
7	22	0.15	95	SAI		3	TSH	0.27	0.10		TSH	TSH
7	22	0.47	102	MAI		3	02H	0.00			02H	02H
7	23	0.36	86	DSI		P1	01H	0.08			TEH	TEC
7	24	0.81	102	DSI		P1	01H	0.11			TEH	TEC
7	27	0.61	62	DSI		P1	01H	-0.08			TEH	TEC
7	27	0.17	93	DSI		P1	02H	-0.03			TEH	TEC
7	28	0.61	77	DSI		P1	01H	-0.11			TEH	TEC
7	31	0.21	71	SAI		3	TSH	0.27	0.03		TSH	TSH
7	33	0.98	102	DSI		P1	01H	0.00			07C	TEH
7	33	0.43	85	DSI		P1	02H	0.00			07C	TEH
7	33	0.23	79	SAI		3	TSH	0.47	0.16		TSH	TSH
7	33	0.70	102	MAI		3	01H	0.00			01H	01H
7	33	0.39	114	MAI		3	02H	0.00			02H	02H
7	36	0.61	134	DSI		P1	03H	0.00			07C	TEH
7	36	0.33	108	MAI		3	TSH	0.52	0.02		TSH	TSH
7	36	0.25	116	SAI		3	03H	0.00			03H	03H
7	39	0.15	117	MAI		3	TSH	0.77	0.24		TSH	TSH
7	41	0.27	85	DSI		P1	01H	-0.08			TEH	TEC
7	43	1.60	92	DSI		P1	01H	-0.06			07C	TEH
7	43	0.40	110	MAI		3	TSH	0.64	0.18		TSH	TSH
7	53	0.32	103	DSI		P1	01H	-0.11			TEH	TEC
7	53	0.35	53	DSI		P1	02H	0.03			TEH	TEC
7	54	1.18	116	DSI		P1	01H	-0.14			TEH	TEC
7	54	0.58	84	DSI		P1	02H	0.03			TEH	TEC
7	60	2.64	94	DSI		P1	01H	0.00			07C	TEH
7	60	0.82	104	MAI		3	01H	0.06			01H	01H
7	65	0.44	117	DSI		P1	02H	0.00			TEH	TEC
7	65	0.31	50	DSI		P1	03H	0.00			TEH	TEC
7	67	0.67	122	DSI		P1	01H	0.19			TEH	TEC
7	68	0.70	72	DSI		P1	01H	0.06			TEH	TEC
7	68	0.56	89	DSI		P1	02H	0.14			TEH	TEC

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Row	Col	Volts	Phase	Ind	PCT	Chan	Loc	Inch1	Inch2	Degrees	From	To
7	69	0.75	92	DSI		P1	01H	0.03			TEH	TEC
7	69	0.41	143	DSI		P1	03H	0.00			TEH	TEC
7	71	0.47	99	DSI		P1	04H	-0.08			TEH	TEC
7	73	0.83	46	DSI		P1	01H	0.11			TEH	TEC
7	76	0.77	49	DSI		P1	01H	0.14			TEH	TEC
7	77	0.53	88	DSI		P1	01H	0.08			TEH	TEC
7	80	1.61	71	DSI		P1	01H	-0.03			TEH	TEC
7	80	0.35	111	DSI		P1	02H	-0.14			TEH	TEC
7	80	0.28	107	SAI		3	01H	0.00			01H	01H
7	81	0.30	123	DSI		P1	01H	0.06			TEH	TEC
7	82	0.59	76	DSI		P1	02H	0.11			TEH	TEC
7	84	0.33	57	DSI		P1	02H	0.14			TEH	TEC
7	86	0.55	73	DSI		P1	01H	0.14			TEH	TEC
7	87	0.68	40	DSI		P1	02H	0.06			TEH	TEC
7	88	0.64	33	DSI		P1	02H	0.00			TEH	TEC
7	90	0.57	63	DSI		P1	02H	-0.03			TEH	TEC
7	94	0.96	140	PCT	7	P1	01C	-0.25			TEH	TEC
8	4	0.58	57	DSI		P1	01H	0.03			TEH	TEC
8	4	0.61	63	DSI		P1	02H	0.03			TEH	TEC
8	4	0.35	90	DSI		P1	04H	0.03			TEH	TEC
8	4	0.15	96	DSI		P1	05H	0.06			TEH	TEC
8	5	0.56	60	DSI		P1	01H	0.11			TEH	TEC
8	5	0.60	88	DSI		P1	02H	0.08			TEH	TEC
8	5	0.72	84	DSI		P1	03H	0.11			TEH	TEC
8	5	0.53	40	DSI		P1	04H	0.08			TEH	TEC
8	5	0.57	72	DSI		P1	05H	0.00			TEH	TEC
8	6	0.79	63	DSI		P1	01H	0.05			TEH	TEC
8	6	1.19	67	DSI		P1	02H	0.00			TEH	TEC
8	6	0.43	38	DSI		P1	04H	0.08			TEH	TEC
8	6	0.44	118	MAI		3	02H	0.00			02H	02H
8	10	0.43	91	DSI		P1	01H	0.00			TEH	TEC
8	11	0.52	59	DSI		P1	01H	-0.03			TEH	TEC
8	11	0.72	65	DSI		P1	02H	0.00			TEH	TEC
8	11	0.39	52	DSI		P1	03H	0.03			TEH	TEC
8	13	0.73	46	DSI		P1	01H	0.03			TEH	TEC
8	13	1.06	28	DSI		P1	02H	0.05			TEH	TEC
8	13	0.16	103	MAI		3	02H	0.01			02H	02H
8	14	0.25	116	DSI		P1	01H	0.03			TEH	TEC
8	15	0.88	60	DSI		P1	01H	-0.03			TEH	TEC
8	16	0.38	84	DSI		P1	01H	0.16			TEH	TEC
8	22	0.38	120	DSI		P1	02H	0.05			TEH	TEC
8	25	0.63	86	DSI		P1	04H	-0.14			TEH	TEC
8	26	2.25	83	DSI		P1	01H	0.06			07C	TEH
8	26	2.05	95	DSI		P1	02H	-0.09			07C	TEH
8	26	0.79	90	DSI		P1	04H	-0.15			07C	TEH
8	26	0.30	102	MAI		3	TSH	0.53	0.18		TSH	TSH
8	26	0.40	110	MAI		3	04H	0.00			04H	04H
8	26	0.33	110	MAI		3	01H	0.14			01H	01H
8	26	0.51	119	MAI		3	02H	-0.21			02H	02H
8	28	0.23	79	NQI		P1	TSH	1.26			07C	TEH
8	28	0.78	83	DSI		P1	01H	0.09			07C	TEH

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Row	Col	Volts	Phase	Ind	PCT	Chan	Loc	Inch1	Inch2	Degrees	From	To
8	28	0.19	112	SAI		3	TSH	1.50	0.86		TSH	TSH
8	28	0.46	115	MAI		3	01H	0.00			01H	01H
8	29	0.84	125	NQI		P1	TSH	0.54			07C	TEH
8	29	1.51	100	DSI		P1	01H	-0.18			07C	TEH
8	29	0.60	104	MAI		3	TSH	0.89	0.08		TSH	TSH
8	34	2.17	111	NQI		P1	TSH	0.30			07C	TEH
8	34	1.95	96	DSI		P1	01H	-0.15			07C	TEH
8	34	0.30	87	MAI		3	TSH	0.54	0.09		TSH	TSH
8	35	2.75	144	DTI		P1	TSH	0.48			07C	TEH
8	35	0.95	100	MAI		3	TSH	0.64	-0.04		TSH	TSH
8	41	2.85	80	NQI		P1	TSH	0.28			07C	TEH
8	41	0.68	103	MAI		3	TSH	0.75	0.21		TSH	TSH
8	43	1.03	103	NQI		P1	TSH	0.33			07C	TEH
8	43	1.08	103	DSI		P1	01H	-0.12			07C	TEH
8	43	0.62	96	MAI		3	TSH	0.86	0.18		TSH	TSH
8	44	0.45	61	DSI		P1	01H	0.00			07C	TEH
8	44	0.36	35	SAI		3	TSH	-0.21	-0.43		TSH	TSH
8	44	0.18	103	SAI		3	01H	0.06			01H	01H
8	46	0.14	118	SAI		3	TSH	0.64	0.51		TSH	TSH
8	48	0.26	74	DSI		P1	01H	0.00			TEH	TEC
8	51	0.59	108	DSI		P1	01H	0.08			TEH	TEC
8	51	0.72	57	DSI		P1	02H	0.00			TEH	TEC
8	52	0.75	117	DSI		P1	01H	-0.06			TEH	TEC
8	52	0.44	95	DSI		P1	02H	-0.11			TEH	TEC
8	53	0.38	102	DSI		P1	01H	-0.06			TEH	TEC
8	54	1.34	112	DSI		P1	01H	-0.19			TEH	TEC
8	54	0.69	118	DSI		P1	02H	-0.08			TEH	TEC
8	55	0.77	123	DSI		P1	01H	-0.14			TEH	TEC
8	55	0.42	60	DSI		P1	02H	0.06			TEH	TEC
8	59	0.22	84	DSI		P1	02H	-0.03			TEH	TEC
8	60	1.01	81	DSI		P1	01H	-0.17			TEH	TEC
8	66	0.25	140	DSI		P1	02H	0.00			TEH	TEC
8	68	0.88	113	DSI		P1	01H	0.00			TEH	TEC
8	68	0.43	98	DSI		P1	02H	0.00			TEH	TEC
8	72	0.45	97	DSI		P1	02H	0.03			TEH	TEC
8	72	0.53	53	DSI		P1	05H	0.03			TEH	TEC
8	75	0.48	119	DSI		P1	01H	-0.11			TEH	TEC
8	75	0.53	60	DSI		P1	02H	-0.06			TEH	TEC
8	76	1.47	95	DSI		P1	01H	0.00			TEH	TEC
8	76	0.31	104	MAI		3	01H	0.00			01H	01H
8	77	0.47	130	DSI		P1	01H	0.03			TEH	TEC
8	80	1.23	70	DSI		P1	01H	-0.05			TEH	TEC
8	80	0.26	124	MAI		3	01H	-0.13			01H	01H
8	84	0.61	92	DSI		P1	03H	-0.03			TEH	TEC
8	90	0.33	105	DSI		P1	02H	0.00			TEH	TEC
8	90	0.24	61	DSI		P1	03H	-0.03			TEH	TEC
9	2	0.43	72	VOL		3	02C	-0.03			02C	02C
9	2	1.64	0	PCT	30	2	02C	0.00			02C	02C
9	4	0.76	47	DSI		P1	02H	0.03			TEH	TEC
9	7	0.61	80	DSI		P1	01H	0.06			TEH	TEC
9	7	0.70	72	DSI		P1	02H	0.00			TEH	TEC

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Row	Col	Volts	Phase	Ind	PCT	Chan	Loc	Inch1	Inch2	Degrees	From	To
9	8	0.83	100	DSI		P1	02H	0.03			TEH	TEC
9	10	0.62	59	DSI		P1	03H	-0.06			TEH	TEC
9	11	0.25	98	DSI		P1	01H	0.03			TEH	TEC
9	11	0.41	75	DSI		P1	03H	0.11			TEH	TEC
9	14	0.48	45	DSI		P1	02H	-0.06			TEH	TEC
9	15	1.30	59	DSI		P1	01H	0.08			TEH	TEC
9	15	0.56	103	MAI		3	01H	0.10			01H	01H
9	16	1.62	100	DSI		P1	01H	0.03			TEH	TEC
9	16	0.75	105	DSI		P1	02H	-0.08			TEH	TEC
9	16	0.58	111	MAI		3	01H	0.00			01H	01H
9	17	0.87	84	DSI		P1	01H	0.00			TEH	TEC
9	18	0.35	85	DSI		P1	01H	0.06			TEH	TEC
9	19	2.02	56	DSI		P1	01H	0.06			TEH	TEC
9	19	1.58	33	DSI		P1	02H	0.06			TEH	TEC
9	19	0.78	98	MAI		3	01H	0.00			01H	01H
9	19	0.74	102	MAI		3	02H	-0.11			02H	02H
9	21	0.78	106	DSI		P1	01H	-0.08			TEH	TEC
9	23	0.86	87	DSI		P1	01H	0.03			TEH	TEC
9	23	0.68	86	DSI		P1	02H	0.00			TEH	TEC
9	32	2.36	71	NQI		P1	TSH	0.79			07C	TEH
9	32	2.66	106	DSI		P1	01H	-0.03			07C	TEH
9	32	0.45	66	DSI		P1	02H	0.00			07C	TEH
9	32	2.09	62	MAI		3	TSH	1.48	0.20		TSH	TSH
9	32	0.46	95	MAI		3	01H	0.00			01H	01H
9	33	0.72	112	NQI		P1	TSH	0.66			07C	TEH
9	33	0.37	103	NQI		P1	TSH	0.91			07C	TEH
9	33	0.62	108	DSI		P1	01H	-0.09			07C	TEH
9	33	0.63	106	MAI		3	TSH	1.31	0.18		TSH	TSH
9	33	0.38	97	MAI		3	01H	0.00			01H	01H
9	34	2.43	159	DTI		P1	TSH	0.33			07C	TEH
9	34	0.23	91	NQI		P1	TSH	0.78			07C	TEH
9	34	1.29	96	DSI		P1	01H	-0.12			07C	TEH
9	34	0.44	111	MAI		3	TSH	0.92	0.07		TSH	TSH
9	36	4.40	150	DTI		P1	TSH	0.21			07C	TEH
9	36	3.07	97	NQI		P1	TSH	0.57			07C	TEH
9	36	0.89	100	NQI		P1	TSH	1.00			07C	TEH
9	36	2.25	115	DSI		P1	01H	0.27			07C	TEH
9	36	0.76	90	MAI		3	TSH	1.22	0.15		TSH	TSH
9	36	0.34	110	MAI		3	01H	-0.07			01H	01H
9	38	1.33	130	NQI		P1	TSH	0.63			07C	TEH
9	38	0.58	126	NQI		P1	TSH	0.88			07C	TEH
9	38	0.72	96	DSI		P1	01H	-0.03			07C	TEH
9	38	0.67	101	MAI		3	TSH	1.47	0.17		TSH	TSH
9	38	0.53	118	MAI		3	01H	0.00			01H	01H
9	41	0.18	94	MAI		3	TSH	0.96	0.68		TSH	TSH
9	43	1.00	127	NQI		P1	TSH	0.54			07C	TEH
9	43	0.39	85	DSI		P1	01H	-0.06			07C	TEH
9	43	1.46	85	DSI		P1	03H	-0.21			07C	TEH
9	43	0.49	107	MAI		3	TSH	1.15	0.43		TSH	TSH
9	43	0.24	126	MAI		3	03H	0.00			03H	03H
9	44	0.61	140	NQI		P1	TSH	0.30			07C	TEH

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Row	Col	Volts	Phase	Ind	PCT	Chan	Loc	Inch1	Inch2	Degrees	From	To
9	44	0.58	127	DSI		P1	01H	-0.03			07C	TEH
9	44	0.37	106	MAI		3	TSH	1.32	0.15		TSH	TSH
9	44	0.26	127	MAI		3	01H	0.00			01H	01H
9	46	0.39	140	NQI		P1	TSH	0.67			07C	TEH
9	46	0.44	116	DSI		P1	01H	-0.03			07C	TEH
9	46	0.24	83	MAI		3	TSH	1.29	0.18		TSH	TSH
9	46	0.46	124	MAI		3	01H	0.00			01H	01H
9	48	0.38	86	DSI		P1	01H	0.00			TEH	TEC
9	54	0.21	53	DSI		P1	02H	-0.03			TEH	TEC
9	56	0.24	94	DSI		P1	02H	0.00			TEH	TEC
9	57	0.56	95	DSI		P1	01H	-0.14			TEH	TEC
9	57	0.70	57	DSI		P1	02H	0.08			TEH	TEC
9	62	0.53	59	DSI		P1	01H	0.08			TEH	TEC
9	65	0.78	50	DSI		P1	01H	0.06			TEH	TEC
9	68	0.51	109	DSI		P1	01H	-0.08			TEH	TEC
9	68	0.51	54	DSI		P1	02H	0.08			TEH	TEC
9	69	0.49	56	DSI		P1	01H	0.08			TEH	TEC
9	73	0.33	77	DSI		P1	02H	0.17			TEH	TEC
9	74	2.41	94	DSI		P1	01H	0.06			07C	TEH
9	74	0.66	101	MAI		3	01H	-0.25			01H	01H
9	75	0.92	33	DSI		P1	01H	0.08			TEH	TEC
9	75	0.53	44	DSI		P1	04H	0.06			TEH	TEC
9	75	0.28	105	SAI		3	01H	0.00			01H	01H
9	76	0.41	26	DSI		P1	02H	0.11			TEH	TEC
9	76	0.41	59	DSI		P1	03H	0.06			TEH	TEC
9	78	0.44	91	DSI		P1	01H	0.06			TEH	TEC
9	82	0.62	121	DSI		P1	01H	-0.17			TEH	TEC
9	83	0.72	95	DSI		P1	01H	0.08			TEH	TEC
9	84	0.49	98	DSI		P1	03H	-0.03			TEH	TEC
9	85	0.51	95	DSI		P1	04H	0.06			TEH	TEC
9	86	0.43	111	DSI		P1	01H	0.00			TEH	TEC
9	86	0.94	79	DSI		P1	02H	0.08			TEH	TEC
9	86	1.38	121	DSI		P1	04H	-0.03			TEH	TEC
9	86	0.30	148	DSI		P1	05H	0.03			TEH	TEC
9	86	0.50	97	DSI		P1	07C	0.09			TEH	TEC
9	86	0.38	117	MAI		3	04H	-0.13			04H	04H
9	88	1.15	82	DSI		P1	02H	0.03			TEH	TEC
9	88	0.52	79	DSI		P1	05H	0.08			TEH	TEC
9	90	0.31	86	DSI		P1	02H	0.08			TEH	TEC
9	92	1.05	124	DSI		P1	02H	0.25			TEH	TEC
10	3	0.85	90	DSI		P1	01H	-0.06			TEH	TEC
10	3	0.46	142	PCT	4	P1	02C	-0.09			TEH	TEC
10	4	1.24	75	DSI		P1	01H	0.16			TEH	TEC
10	4	0.86	58	DSI		P1	02H	0.00			TEH	TEC
10	4	0.22	121	MAI		3	01H	0.14			01H	01H
10	6	0.44	57	DSI		P1	04H	0.00			TEH	TEC
10	6	0.44	55	DSI		P1	05H	0.00			TEH	TEC
10	7	1.21	94	DSI		P1	01H	0.00			TEH	TEC
10	7	0.94	89	DSI		P1	02H	0.06			TEH	TEC
10	7	0.32	72	DSI		P1	04H	0.08			TEH	TEC
10	7	0.52	105	MAI		3	01H	0.00			01H	01H

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Row	Col	Volts	Phase	Ind	PCT	Chan	Loc	Inch1	Inch2	Degrees	From	To
10	8	0.61	59	DSI		P1	01H	0.06			TEH	TEC
10	8	0.26	127	DSI		P1	02H	0.06			TEH	TEC
10	9	0.52	79	DSI		P1	01H	0.11			TEH	TEC
10	10	1.16	64	DSI		P1	01H	0.11			TEH	TEC
10	10	0.75	66	DSI		P1	03H	0.03			TEH	TEC
10	11	1.10	114	DSI		P1	01H	-0.11			TEH	TEC
10	11	1.02	61	DSI		P1	02H	-0.08			TEH	TEC
10	12	0.47	37	DSI		P1	01H	-0.03			TEH	TEC
10	13	0.61	78	DSI		P1	02H	0.00			TEH	TEC
10	15	0.96	58	DSI		P1	01H	-0.03			TEH	TEC
10	15	0.76	106	DSI		P1	02H	-0.03			TEH	TEC
10	16	0.92	86	DSI		P1	01H	-0.06			TEH	TEC
10	16	1.19	49	DSI		P1	02H	0.00			TEH	TEC
10	16	0.97	66	DSI		P1	03H	-0.03			TEH	TEC
10	16	0.17	119	SAI		3	02H	0.15			02H	02H
10	17	1.82	108	DSI		P1	01H	0.27			07C	TEH
10	17	1.00	106	DSI		P1	02H	-0.18			07C	TEH
10	17	0.32	132	DSI		P1	04H	0.06			07C	TEH
10	17	0.43	94	DSI		P1	06H	0.00			07C	TEH
10	17	0.50	108	SAI		3	02H	0.00			02H	02H
10	17	0.17	130	SAI		3	04H	0.16			04H	04H
10	18	1.59	85	DSI		P1	01H	0.08			TEH	TEC
10	18	0.60	63	DSI		P1	02H	-0.11			TEH	TEC
10	18	0.38	111	MAI		3	01H	0.00			01H	01H
10	19	0.54	29	DSI		P1	01H	0.03			TEH	TEC
10	20	0.38	60	DSI		P1	01H	-0.03			TEH	TEC
10	21	0.52	84	DSI		P1	01H	0.00			TEH	TEC
10	21	0.88	44	DSI		P1	03H	0.03			TEH	TEC
10	22	0.41	107	DSI		P1	02H	-0.06			TEH	TEC
10	23	1.41	101	DSI		P1	01H	0.00			TEH	TEC
10	23	0.29	129	SAI		3	01H	0.00			01H	01H
10	31	1.38	137	NQI		P1	TSH	0.54			07C	TEH
10	31	1.21	118	NQI		P1	TSH	0.79			07C	TEH
10	31	2.93	96	DSI		P1	01H	-0.24			07C	TEH
10	31	0.33	94	DSI		P1	02H	0.15			07C	TEH
10	31	1.39	109	DSI		P1	03H	-0.21			07C	TEH
10	31	0.69	103	MAI		3	TSH	1.53	0.22		TSH	TSH
10	31	0.49	126	MAI		3	02H	0.10			02H	02H
10	31	0.27	121	SAI		3	03H	0.00			03H	03H
10	31	0.43	125	MAI		3	01H	-0.08			01H	01H
10	32	1.57	128	NQI		P1	TSH	0.39			07C	TEH
10	32	1.63	101	NQI		P1	TSH	0.82			07C	TEH
10	32	1.62	83	NQI		P1	TSH	1.42			07C	TEH
10	32	0.18	80	NQI		P1	TSH	1.69			07C	TEH
10	32	2.16	93	DSI		P1	01H	0.03			07C	TEH
10	32	0.97	84	MAI		3	TSH	2.27	0.34		TSH	TSH
10	32	0.54	116	MAI		3	01H	0.07			01H	01H
10	33	7.28	126	DTI		P1	TSH	0.72			TSH	TEC
10	33	1.40	88	NQI		P1	TSH	1.18			TSH	TEC
10	33	0.31	116	NQI		P1	TSH	1.79			TSH	TEC
10	33	3.12	109	DSI		P1	01H	-0.17			TSH	TEC

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Row	Col	Volts	Phase	Ind	PCT	Chan	Loc	Inch1	Inch2	Degrees	From	To
10	33	1.68	96	DSI		P1	03H	0.00			TSH	TEC
10	33	1.21	90	MAI		3	TSH	2.43	0.15		TSH	TSH
10	33	0.36	113	MAI		3	03H	0.00			03H	03H
10	33	0.82	103	MAI		3	01H	-0.26			01H	01H
10	37	0.95	157	DTI		P1	TSH	0.33			07C	TEH
10	37	0.58	112	NQI		P1	TSH	0.52			07C	TEH
10	37	0.32	105	NQI		P1	TSH	0.79			07C	TEH
10	37	0.63	99	NQI		P1	TSH	1.09			07C	TEH
10	37	0.27	98	NQI		P1	TSH	1.49			07C	TEH
10	37	0.29	97	MAI		3	TSH	1.85	0.11		TSH	TSH
10	38	1.66	76	NQI		P1	TSH	0.73			07C	TEH
10	38	0.62	93	DSI		P1	01H	-0.03			07C	TEH
10	38	0.76	89	MAI		3	TSH	1.03	0.37		TSH	TSH
10	38	0.38	120	MAI		3	01H	0.00			01H	01H
10	40	0.97	107	NQI		P1	TSH	0.70			07C	TEH
10	40	0.56	100	NQI		P1	TSH	1.06			07C	TEH
10	40	0.49	97	NQI		P1	TSH	1.45			07C	TEH
10	40	1.02	93	NQI		P1	TSH	1.66			07C	TEH
10	40	0.77	97	DSI		P1	01H	0.00			07C	TEH
10	40	0.34	109	DSI		P1	07C	0.00			07C	TEC
10	40	0.53	80	MAI		3	TSH	2.20	0.25		TSH	TSH
10	40	0.28	98	MAI		3	01H	0.00			01H	01H
10	41	1.43	109	NQI		P1	TSH	1.03			07C	TEH
10	41	1.12	93	NQI		P1	TSH	1.40			07C	TEH
10	41	3.41	81	NQI		P1	TSH	1.79			07C	TEH
10	41	2.80	101	DSI		P1	01H	-0.15			07C	TEH
10	41	3.09	88	DSI		P1	02H	-0.18			07C	TEH
10	41	0.31	65	DSI		P1	04H	0.00			07C	TEH
10	41	1.90	82	MAI		3	TSH	2.11	0.14		TSH	TSH
10	41	0.30	118	SAI		3	04H	0.00			04H	04H
10	41	1.10	110	MAI		3	01H	-0.05			01H	01H
10	41	0.86	100	MAI		3	02H	-0.22			02H	02H
10	44	0.76	108	NQI		P1	TSH	0.81			TSH	TEC
10	44	0.50	107	NQI		P1	TSH	1.20			TSH	TEC
10	44	0.44	113	NQI		P1	TSH	1.62			TSH	TEC
10	44	0.23	101	NQI		P1	TSH	2.01			TSH	TEC
10	44	0.57	99	MAI		3	TSH	2.35	0.35		TSH	TSH
10	45	0.20	124	NQI		P1	TSH	0.58			TSH	TEC
10	45	0.24	136	NQI		P1	TSH	0.97			TSH	TEC
10	45	0.22	89	NQI		P1	TSH	1.22			TSH	TEC
10	45	0.42	122	NQI		P1	TSH	1.70			TSH	TEC
10	45	0.97	106	DSI		P1	01H	-0.11			TSH	TEC
10	45	0.26	124	MAI		3	TSH	1.73	0.36		TSH	TSH
10	45	0.58	103	SAI		3	01H	0.00			01H	01H
10	46	0.23	78	NQI		P1	TSH	1.00			07C	TEH
10	46	0.34	91	SAI		3	TSH	0.75	0.50		TSH	TSH
10	47	1.05	78	NQI		P1	TSH	0.37			07C	TEH
10	47	0.98	100	DSI		P1	01H	-0.15			07C	TEH
10	47	0.75	105	MAI		3	TSH	1.29	0.21		TSH	TSH
10	47	0.22	98	MAI		3	01H	0.00			01H	01H
10	51	0.57	100	DSI		P1	01H	-0.12			07C	TEH

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Row	Col	Volts	Phase	Ind	PCT	Chan	Loc	Inch1	Inch2	Degrees	From	To
10	51	0.32	65	SAI		3	TSH	-0.32	-0.42		TSH	TSH
10	51	1.05	45	SAI		3	TSH	-0.17	-0.33		TSH	TSH
10	51	0.69	104	MAI		3	TSH	0.56	0.11		TSH	TSH
10	51	0.35	109	MAI		3	01H	0.00			01H	01H
10	52	1.11	92	DSI		P1	01H	0.00			07C	TEH
10	52	0.21	53	SAI		3	TSH	-0.13	-0.27		TSH	TSH
10	53	0.65	97	DSI		P1	01H	-0.08			TEH	TEC
10	53	0.54	91	DSI		P1	02H	0.03			TEH	TEC
10	54	0.61	97	DSI		P1	01H	0.03			TEH	TEC
10	54	1.03	73	DSI		P1	02H	-0.14			TEH	TEC
10	55	0.53	100	DSI		P1	01H	-0.11			TEH	TEC
10	55	0.57	81	DSI		P1	02H	-0.03			TEH	TEC
10	57	1.21	63	DSI		P1	01H	-0.06			TEH	TEC
10	57	0.23	119	MAI		3	01H	0.00			01H	01H
10	63	0.82	89	DSI		P1	01H	-0.06			TEH	TEC
10	64	2.09	100	DSI		P1	01H	0.11			TEH	TEC
10	64	0.67	101	MAI		3	01H	0.00			01H	01H
10	66	1.56	74	DSI		P1	01H	0.08			TEH	TEC
10	66	0.77	106	DSI		P1	02H	-0.14			TEH	TEC
10	66	0.82	94	MAI		3	01H	0.06			01H	01H
10	68	0.85	34	DSI		P1	01H	0.08			TEH	TEC
10	69	0.41	124	DSI		P1	01H	-0.06			TEH	TEC
10	69	0.56	42	DSI		P1	02H	0.06			TEH	TEC
10	72	0.78	40	DSI		P1	02H	0.16			TEH	TEC
10	73	0.96	36	DSI		P1	01H	0.06			TEH	TEC
10	75	0.29	70	DSI		P1	01H	-0.06			TEH	TEC
10	76	0.90	40	DSI		P1	01H	0.06			TEH	TEC
10	77	0.61	98	DSI		P1	01H	0.03			TEH	TEC
10	80	0.56	55	DSI		P1	02H	0.11			TEH	TEC
10	81	0.30	94	DSI		P1	02H	0.00			TEH	TEC
10	90	0.34	45	DSI		P1	02H	0.06			TEH	TEC
10	92	0.54	143	PCT	2	P1	01C	-0.17			TEH	TEC
11	4	0.66	77	DSI		P1	01H	0.09			TEH	TEC
11	4	0.54	58	DSI		P1	03H	0.06			TEH	TEC
11	4	0.94	0	PCT	23	2	01C	-0.12			01C	01C
11	4	0.40	62	VOL		3	01C	-0.11			01C	01C
11	6	0.37	115	DSI		P1	02H	0.08			TEH	TEC
11	8	0.31	68	DSI		P1	01H	0.11			TEH	TEC
11	10	0.40	83	DSI		P1	02H	0.00			TEH	TEC
11	11	0.56	51	DSI		P1	01H	-0.03			TEH	TEC
11	14	0.45	115	DSI		P1	01H	0.00			TEH	TEC
11	16	0.28	129	DSI		P1	01H	0.03			TEH	TEC
11	16	0.65	47	DSI		P1	02H	-0.08			TEH	TEC
11	18	0.53	57	DSI		P1	01H	-0.06			TEH	TEC
11	21	0.72	86	DSI		P1	01H	0.00			TEH	TEC
11	21	0.90	50	DSI		P1	02H	-0.03			TEH	TEC
11	22	2.28	100	DSI		P1	01H	0.15			07C	TEH
11	22	1.59	85	DSI		P1	02H	-0.21			07C	TEH
11	22	0.42	114	MAI		3	01H	0.18			01H	01H
11	23	0.67	135	DSI		P1	01H	0.00			TEH	TEC
11	24	0.88	39	DSI		P1	01H	0.00			TEH	TEC

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Row	Col	Volts	Phase	Ind	PCT	Chan	Loc	Inch1	Inch2	Degrees	From	To
11	26	0.54	149	NQI		P1	TSH	0.60			07C	TEH
11	26	2.95	90	DSI		P1	01H	-0.12			07C	TEH
11	26	0.99	88	DSI		P1	02H	-0.18			07C	TEH
11	26	0.32	82	DSI		P1	05H	0.00			07C	TEH
11	26	0.44	109	MAI		3	TSH	0.68	0.15		TSH	TSH
11	26	0.39	108	MAI		3	02H	-0.27			02H	02H
11	26	0.21	110	SAI		3	05H	0.00			05H	05H
11	26	0.48	109	MAI		3	01H	0.00			01H	01H
11	28	0.27	104	NQI		P1	TSH	0.61			07C	TEH
11	28	1.23	73	DSI		P1	01H	-0.06			07C	TEH
11	28	0.32	68	DSI		P1	02H	-0.12			07C	TEH
11	28	0.24	102	MAI		3	TSH	1.05	0.18		TSH	TSH
11	28	0.16	119	SAI		3	02H	0.00			02H	02H
11	30	0.41	137	NQI		P1	TSH	0.66			07C	TEH
11	30	0.27	90	MAI		3	TSH	0.81	0.33		TSH	TSH
11	32	0.62	140	NQI		P1	TSH	0.45			07C	TEH
11	32	0.70	105	NQI		P1	TSH	0.85			07C	TEH
11	32	1.06	92	NQI		P1	TSH	1.33			07C	TEH
11	32	0.42	117	NQI		P1	TSH	1.57			07C	TEH
11	32	0.45	108	NQI		P1	TSH	1.78			07C	TEH
11	32	1.33	88	DSI		P1	01H	-0.15			07C	TEH
11	32	0.68	94	MAI		3	TSH	2.51	0.40		TSH	TSH
11	33	1.60	118	NQI		P1	TSH	0.66			07C	TEH
11	33	0.98	103	NQI		P1	TSH	1.09			07C	TEH
11	33	0.85	109	NQI		P1	TSH	1.45			07C	TEH
11	33	0.15	107	NQI		P1	TSH	1.78			07C	TEH
11	33	0.27	121	NQI		P1	TSH	2.02			07C	TEH
11	33	2.27	97	DSI		P1	01H	-0.12			07C	TEH
11	33	0.54	109	MAI		3	TSH	2.22	0.15		TSH	TSH
11	33	0.80	116	MAI		3	01H	-0.35			01H	01H
11	37	0.73	81	NQI		P1	TSH	0.48			07C	TEH
11	37	0.94	98	NQI		P1	TSH	0.88			07C	TEH
11	37	0.63	107	NQI		P1	TSH	1.21			07C	TEH
11	37	0.84	93	NQI		P1	TSH	1.81			07C	TEH
11	37	0.51	106	NQI		P1	TSH	2.15			07C	TEH
11	37	1.67	91	DSI		P1	01H	-0.06			07C	TEH
11	37	0.43	97	MAI		3	TSH	2.81	0.23		TSH	TSH
11	39	0.79	96	NQI		P1	TSH	0.92			TSH	TEC
11	39	0.36	150	NQI		P1	TSH	1.39			TSH	TEC
11	39	0.62	117	DSI		P1	01H	-0.06			TSH	TEC
11	39	0.23	110	MAI		3	TSH	2.13	0.62		TSH	TSH
11	39	0.27	127	SAI		3	01H	0.00			01H	01H
11	40	1.00	92	NQI		P1	TSH	1.02			07C	TEH
11	40	0.42	79	DSI		P1	01H	-0.03			07C	TEH
11	40	0.53	94	MAI		3	TSH	2.07	0.43		TSH	TSH
11	40	0.39	108	MAI		3	01H	0.00			01H	01H
11	42	1.50	59	NQI		P1	TSH	0.76			07C	TEH
11	42	1.03	92	NQI		P1	TSH	1.48			07C	TEH
11	42	1.50	93	NQI		P1	TSH	1.94			07C	TEH
11	42	0.72	131	NQI		P1	TSH	2.27			07C	TEH
11	42	1.61	103	DSI		P1	01H	-0.21			07C	TEH

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Row	Col	Volts	Phase	Ind	PCT	Chan	Loc	Inch1	Inch2	Degrees	From	To
11	42	0.37	100	DSI		P1	02H	-0.06			07C	TEH
11	42	1.13	86	MAI		3	TSH	1.90	0.27		TSH	TSH
11	42	0.19	133	SAI		3	02H	0.00			02H	02H
11	44	0.56	77	NQI		P1	TSH	1.06			07C	TEH
11	44	0.66	106	NQI		P1	TSH	1.39			07C	TEH
11	44	0.60	106	NQI		P1	TSH	1.76			07C	TEH
11	44	0.74	88	DSI		P1	01H	-0.16			07C	TEH
11	44	0.43	104	DSI		P1	02H	-0.09			07C	TEH
11	44	0.40	107	MAI		3	TSH	3.13	1.05		TSH	TSH
11	44	0.29	118	MAI		3	01H	0.00			01H	01H
11	44	0.15	119	MAI		3	02H	0.00			02H	02H
11	46	0.15	96	NQI		P1	TSH	0.88			07C	TEH
11	46	0.58	110	NQI		P1	TSH	1.52			07C	TEH
11	46	2.73	88	MBI		6	TSH	29.23			07C	TEH
11	46	1.49	91	DSI		P1	01H	-0.15			07C	TEH
11	46	0.60	119	SAI		3	TSH	1.81	1.49		TSH	TSH
11	46	0.36	124	SAI		3	01H	-0.08			01H	01H
11	47	0.10	93	NQI		P1	TSH	0.88			07C	TEH
11	47	0.62	115	DSI		P1	01H	-0.12			07C	TEH
11	47	0.25	103	SAI		3	TSH	0.81	0.47		TSH	TSH
11	47	0.25	106	MAI		3	01H	0.00			01H	01H
11	49	0.75	119	NQI		P1	TSH	0.57			07C	TEH
11	49	0.68	92	SAI		3	TSH	1.03	0.17		TSH	TSH
11	50	0.35	107	NQI		P1	TSH	0.39			07C	TEH
11	50	0.27	90	MAI		3	TSH	0.33	0.12		TSH	TSH
11	50	0.56	95	SAI		3	TSH	0.79	0.36		TSH	TSH
11	52	0.28	105	SAI		3	TSH	0.27	0.03		TSH	TSH
11	53	0.27	118	DSI		P1	01H	-0.08			TEH	TEC
11	53	0.17	125	SAI		3	TSH	0.41	0.00		TSH	TSH
11	55	1.39	89	DSI		P1	01H	-0.09			07C	TEH
11	55	0.19	83	SAI		3	TSH	-0.42	-0.56		TSH	TSH
11	55	0.20	118	SAI		3	TSH	0.43	0.18		TSH	TSH
11	56	0.39	66	DSI		P1	02H	0.03			TEH	TEC
11	57	0.85	37	DSI		P1	01H	0.08			TEH	TEC
11	59	1.01	67	DSI		P1	01H	0.11			TEH	TEC
11	59	0.69	68	DSI		P1	02H	0.19			TEH	TEC
11	63	1.05	81	DSI		P1	01H	0.19			TEH	TEC
11	66	0.81	79	DSI		P1	01H	-0.08			TEH	TEC
11	67	0.37	52	DSI		P1	01H	0.08			TEH	TEC
11	72	0.70	41	DSI		P1	01H	0.00			TEH	TEC
11	74	0.60	69	DSI		P1	01H	-0.03			TEH	TEC
11	76	0.31	41	DSI		P1	01H	0.03			TEH	TEC
11	77	1.07	80	DSI		P1	01H	0.00			TEH	TEC
11	77	0.54	72	DSI		P1	02H	0.06			TEH	TEC
11	88	0.44	39	DSI		P1	02H	0.11			TEH	TEC
12	2	0.43	36	DSI		P1	01H	0.03			TEH	TEC
12	4	0.48	61	VOL		3	02C	0.16			02C	02C
12	4	0.60	0	PCT	19	2	02C	0.17			02C	02C
12	5	0.46	116	DSI		P1	01H	0.16			TEH	TEC
12	6	0.60	90	DSI		P1	01H	-0.03			TEH	TEC
12	7	0.46	43	DSI		P1	02H	0.08			TEH	TEC

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Row	Col	Volts	Phase	Ind	PCT	Chan	Loc	Inch1	Inch2	Degrees	From	To
12	8	0.74	103	DSI		P1	01H	-0.03			TEH	TEC
12	8	1.48	84	DSI		P1	02H	0.03			TEH	TEC
12	8	0.92	127	DSI		P1	03H	0.20			TEH	TEC
12	8	0.31	71	DSI		P1	04H	0.03			TEH	TEC
12	8	0.49	104	MAI		3	02H	-0.13			02H	02H
12	9	1.01	35	DSI		P1	01H	-0.06			TEH	TEC
12	9	0.25	119	SAI		3	01H	0.00			01H	01H
12	10	0.94	38	DSI		P1	02H	-0.06			TEH	TEC
12	10	0.17	103	MAI		3	02H	0.13			02H	02H
12	14	0.62	48	DSI		P1	01H	0.00			TEH	TEC
12	15	1.93	81	DSI		P1	01H	-0.03			TEH	TEC
12	15	0.57	115	MAI		3	01H	0.00			01H	01H
12	18	0.71	49	DSI		P1	01H	0.03			TEH	TEC
12	18	0.72	64	DSI		P1	02H	-0.14			TEH	TEC
12	19	0.63	63	DSI		P1	02H	0.03			TEH	TEC
12	21	1.03	82	DSI		P1	01H	-0.08			TEH	TEC
12	21	0.92	116	DSI		P1	02H	-0.03			TEH	TEC
12	22	0.88	83	DSI		P1	01H	0.00			TEH	TEC
12	22	0.73	122	DSI		P1	02H	-0.08			TEH	TEC
12	23	0.64	67	DSI		P1	01H	-0.08			TEH	TEC
12	24	0.57	40	DSI		P1	01H	0.11			TEH	TEC
12	24	0.69	35	DSI		P1	02H	-0.06			TEH	TEC
12	26	1.06	76	DSI		P1	01H	0.06			TEH	TEC
12	30	0.29	137	NQI		P1	TSH	1.06			07C	TEH
12	30	0.20	112	SAI		3	TSH	1.81	1.06		TSH	TSH
12	32	1.69	77	NQI		P1	TSH	1.15			07C	TEH
12	32	1.27	81	NQI		P1	TSH	1.39			07C	TEH
12	32	0.27	133	NQI		P1	TSH	1.63			07C	TEH
12	32	0.50	87	NQI		P1	TSH	1.87			07C	TEH
12	32	0.57	132	NQI		P1	TSH	2.11			07C	TEH
12	32	0.34	147	NQI		P1	TSH	2.30			07C	TEH
12	32	0.59	84	MAI		3	TSH	3.25	0.87		TSH	TSH
12	33	0.47	110	NQI		P1	TSH	1.02			07C	TEH
12	33	0.70	95	NQI		P1	TSH	1.57			07C	TEH
12	33	0.25	110	NQI		P1	TSH	2.17			07C	TEH
12	33	0.19	112	NQI		P1	TSH	2.56			07C	TEH
12	33	0.30	102	DSI		P1	01H	-0.06			07C	TEH
12	33	0.27	100	MAI		3	TSH	2.94	0.81		TSH	TSH
12	33	0.31	107	MAI		3	01H	0.00			01H	01H
12	34	0.25	61	NQI		P1	TSH	1.30			07C	TEH
12	34	0.27	116	MAI		3	TSH	2.60	0.75		TSH	TSH
12	35	0.43	102	NQI		P1	TSH	1.82			07C	TEH
12	35	0.57	104	NQI		P1	TSH	2.15			07C	TEH
12	35	1.04	91	NQI		P1	TSH	2.51			07C	TEH
12	35	0.54	106	MAI		3	TSH	2.87	1.72		TSH	TSH
12	37	0.40	126	NQI		P1	TSH	2.20			07C	TEH
12	37	0.31	141	NQI		P1	TSH	2.54			07C	TEH
12	37	0.21	149	NQI		P1	TSH	3.83			07C	TEH
12	37	0.16	101	MAI		3	TSH	3.19	1.86		TSH	TSH
12	40	0.72	45	NQI		P1	TSH	1.48			07C	TEH
12	40	0.73	81	DSI		P1	01H	-0.06			07C	TEH

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Row	Col	Volts	Phase	Ind	PCT	Chan	Loc	Inch1	Inch2	Degrees	From	To
12	40	0.26	116	MAI		3	TSH	1.86	1.10		TSH	TSH
12	40	0.51	111	SAI		3	01H	0.00			01H	01H
12	42	0.35	119	NQI		P1	TSH	3.18			07C	TEH
12	42	0.18	79	NQI		P1	TSH	3.39			07C	TEH
12	42	0.14	107	SAI		3	TSH	2.74	2.61		TSH	TSH
12	42	0.25	110	SAI		3	TSH	3.61	3.17		TSH	TSH
12	42	0.22	111	SAI		3	TSH	3.84	3.67		TSH	TSH
12	42	0.34	97	MAI		3	TSH	4.39	2.31		TSH	TSH
12	43	2.02	105	DSI		P1	01H	0.05			TEH	TEC
12	43	0.47	70	DSI		P1	02H	-0.05			TEH	TEC
12	43	0.72	112	MAI		3	01H	0.00			01H	01H
12	44	0.23	116	NQI		P1	TSH	2.37			07C	TEH
12	44	0.80	90	NQI		P1	TSH	2.65			07C	TEH
12	44	1.95	72	DSI		P1	01H	0.06			07C	TEH
12	44	1.56	132	DSI		P1	02H	-0.18			07C	TEH
12	44	0.72	98	MAI		3	TSH	3.02	2.02		TSH	TSH
12	46	0.26	110	NQI		P1	TSH	1.12			07C	TEH
12	46	0.25	77	NQI		P1	TSH	2.28			07C	TEH
12	46	0.22	136	SAI		3	TSH	1.30	0.96		TSH	TSH
12	46	0.22	115	SAI		3	TSH	2.44	2.25		TSH	TSH
12	47	1.05	113	NQI		P1	TSH	0.75			07C	TEH
12	47	0.65	86	NQI		P1	TSH	1.30			07C	TEH
12	47	0.20	126	NQI		P1	TSH	2.11			07C	TEH
12	47	0.28	112	MAI		3	TSH	0.66	0.34		TSH	TSH
12	47	0.24	112	MAI		3	TSH	1.36	1.00		TSH	TSH
12	48	0.59	114	DSI		P1	01H	-0.09			07C	TEH
12	48	0.42	95	MAI		3	TSH	0.44	0.22		TSH	TSH
12	48	0.39	93	SAI		3	TSH	0.82	0.63		TSH	TSH
12	48	0.37	97	MAI		3	TSH	1.03	0.85		TSH	TSH
12	48	0.46	115	SAI		3	01H	0.00			01H	01H
12	49	0.49	118	NQI		P1	TSH	0.46			06C	TEH
12	49	0.85	102	DSI		P1	01H	-0.21			06C	TEH
12	49	0.44	107	MAI		3	TSH	0.58	0.24		TSH	TSH
12	50	1.04	98	DSI		P1	01H	-0.08			TEH	TEC
12	51	1.43	86	DSI		P1	01H	-0.09			07C	TEH
12	51	0.14	96	SAI		3	TSH	0.63	0.54		TSH	TSH
12	54	1.25	67	DSI		P1	01H	0.03			TEH	TEC
12	54	0.26	97	DSI		P1	02H	0.06			TEH	TEC
12	54	0.24	113	SAI		3	01H	0.00			01H	01H
12	55	0.36	78	DSI		P1	01H	0.06			TEH	TEC
12	56	0.53	93	DSI		P1	01H	0.17			TEH	TEC
12	56	0.32	88	DSI		P1	02H	0.03			TEH	TEC
12	57	0.35	146	DSI		P1	01H	0.11			TEH	TEC
12	57	0.40	57	DSI		P1	02H	0.08			TEH	TEC
12	59	0.70	87	DSI		P1	01H	0.17			TEH	TEC
12	59	0.39	124	DSI		P1	02H	0.06			TEH	TEC
12	61	0.48	121	DSI		P1	01H	-0.03			TEH	TEC
12	62	0.98	61	DSI		P1	01H	0.06			TEH	TEC
12	62	0.64	90	DSI		P1	02H	0.22			TEH	TEC
12	69	4.21	17	SAI		3	TSH	-0.70	-1.58		TSH	TSH
12	70	1.20	37	DSI		P1	02H	0.03			TEH	TEC

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Row	Col	Volts	Phase	Ind	PCT	Chan	Loc	Inch1	Inch2	Degrees	From	To
12	70	0.36	111	SAI		3	02H	0.03			02H	02H
12	73	0.47	42	DSI		P1	01H	0.08			TEH	TEC
12	76	0.59	47	DSI		P1	01H	0.00			TEH	TEC
12	78	0.47	51	DSI		P1	01H	0.14			TEH	TEC
12	78	0.70	93	DSI		P1	02H	0.00			TEH	TEC
12	84	0.38	132	DSI		P1	01H	0.03			TEH	TEC
12	92	1.00	130	PCT	22	P1	01C	-0.17			TEH	TEC
13	3	0.49	116	DSI		P1	01H	0.13			TEH	TEC
13	3	0.35	142	PCT	4	P1	02C	0.03			TEH	TEC
13	4	0.65	46	DSI		P1	01H	-0.06			TEH	TEC
13	4	0.21	75	DSI		P1	02H	0.03			TEH	TEC
13	6	0.59	51	DSI		P1	01H	0.06			TEH	TEC
13	7	0.52	34	DSI		P1	02H	0.00			TEH	TEC
13	9	0.87	87	DSI		P1	01H	0.00			TEH	TEC
13	9	0.48	52	DSI		P1	05H	0.06			TEH	TEC
13	10	0.72	32	DSI		P1	01H	0.11			TEH	TEC
13	10	0.39	136	DSI		P1	02H	-0.03			TEH	TEC
13	11	0.36	53	DSI		P1	01H	0.00			TEH	TEC
13	11	0.45	89	DSI		P1	02H	0.00			TEH	TEC
13	12	0.52	55	DSI		P1	01H	0.08			TEH	TEC
13	12	1.06	50	DSI		P1	02H	0.08			TEH	TEC
13	13	0.34	85	DSI		P1	02H	0.00			TEH	TEC
13	15	0.44	93	DSI		P1	01H	-0.08			TEH	TEC
13	15	0.33	67	DSI		P1	02H	0.06			TEH	TEC
13	17	0.67	70	DSI		P1	01H	-0.08			TEH	TEC
13	19	0.77	96	DSI		P1	01H	0.00			TEH	TEC
13	19	0.29	57	DSI		P1	02H	-0.03			TEH	TEC
13	21	0.40	71	DSI		P1	01H	-0.11			TEH	TEC
13	21	0.67	70	DSI		P1	02H	0.08			TEH	TEC
13	22	0.96	89	DSI		P1	01H	0.00			TEH	TEC
13	26	0.29	99	DSI		P1	01H	-0.09			07C	TEH
13	26	0.15	96	DSI		P1	02H	-0.09			07C	TEH
13	26	0.27	119	SAI		3	TSH	0.24	-0.06		TSH	TSH
13	26	0.29	130	MAI		3	01H	0.00			01H	01H
13	27	1.40	37	DSI		P1	01H	0.03			TEH	TEC
13	27	0.19	111	SAI		3	01H	-0.01			01H	01H
13	30	0.28	96	NQI		P1	TSH	1.21			07C	TEH
13	30	0.53	58	DSI		P1	01H	-0.03			07C	TEH
13	30	0.26	118	MAI		3	TSH	1.80	1.15		TSH	TSH
13	30	0.21	105	SAI		3	01H	0.00			01H	01H
13	31	0.15	105	NQI		P1	TSH	1.33			07C	TEH
13	31	0.23	115	SAI		3	TSH	2.56	0.82		TSH	TSH
13	32	0.45	100	NQI		P1	TSH	1.18			07C	TEH
13	32	0.54	96	NQI		P1	TSH	1.51			07C	TEH
13	32	0.66	89	NQI		P1	TSH	1.90			07C	TEH
13	32	0.75	98	DSI		P1	01H	-0.15			07C	TEH
13	32	0.51	104	MAI		3	TSH	2.88	0.88		TSH	TSH
13	32	0.21	117	SAI		3	01H	0.01			01H	01H
13	33	0.28	64	NQI		P1	TSH	1.12			07C	TEH
13	33	2.64	87	NQI		P1	TSH	1.87			07C	TEH
13	33	0.32	112	NQI		P1	TSH	2.39			07C	TEH

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Row	Col	Volts	Phase	Ind	PCT	Chan	Loc	Inch1	Inch2	Degrees	From	To
13	33	0.53	114	NQI		P1	TSH	2.90			07C	TEH
13	33	1.43	90	DSI		P1	01H	-0.30			07C	TEH
13	33	0.54	100	MAI		3	TSH	1.47	2.87		TSH	TSH
13	33	1.00	83	MAI		3	TSH	3.10	0.80		TSH	TSH
13	33	0.41	95	MAI		3	TSH	3.34	2.02		TSH	TSH
13	33	0.50	87	MAI		3	TSH	3.40	1.42		TSH	TSH
13	33	0.24	110	MAI		3	TSH	3.95	3.65		TSH	TSH
13	33	0.91	83	MAI		3	TSH	4.70	0.91		TSH	TSH
13	35	0.46	93	NQI		P1	TSH	1.15			07C	TEH
13	35	1.04	97	NQI		P1	TSH	2.12			07C	TEH
13	35	0.50	114	NQI		P1	TSH	2.51			07C	TEH
13	35	0.48	101	MAI		3	TSH	3.44	0.57		TSH	TSH
13	36	0.29	65	NQI		P1	TSH	1.42			07C	TEH
13	36	0.24	89	NQI		P1	TSH	1.67			07C	TEH
13	36	1.09	96	NQI		P1	TSH	2.36			07C	TEH
13	36	0.34	95	NQI		P1	TSH	2.76			07C	TEH
13	36	0.60	88	DSI		P1	01H	-0.06			07C	TEH
13	36	0.58	106	MAI		3	TSH	3.26	1.06		TSH	TSH
13	36	0.20	118	MAI		3	01H	0.00			01H	01H
13	37	0.24	101	NQI		P1	TSH	1.27			07C	TEH
13	37	0.26	114	NQI		P1	TSH	1.48			07C	TEH
13	37	0.41	118	NQI		P1	TSH	1.85			07C	TEH
13	37	0.79	92	NQI		P1	TSH	2.36			07C	TEH
13	37	0.40	109	MAI		3	TSH	2.99	1.27		TSH	TSH
13	38	0.28	137	NQI		P1	TSH	1.42			07C	TEH
13	38	0.38	89	NQI		P1	TSH	1.73			07C	TEH
13	38	0.66	70	NQI		P1	TSH	2.21			07C	TEH
13	38	0.72	90	DSI		P1	01H	-0.09			07C	TEH
13	38	0.56	101	MAI		3	TSH	2.82	1.56		TSH	TSH
13	38	0.37	117	SAI		3	01H	0.00			01H	01H
13	40	0.17	102	SAI		3	TSH	2.15	1.86		TSH	TSH
13	41	1.06	99	NQI		P1	TSH	1.15			TSH	TEC
13	41	0.25	86	NQI		P1	TSH	1.66			TSH	TEC
13	41	0.32	119	MAI		3	TSH	2.99	1.11		TSH	TSH
13	42	0.52	43	NQI		P1	TSH	1.30			07C	TEH
13	42	0.32	100	NQI		P1	TSH	2.12			07C	TEH
13	42	0.15	76	NQI		P1	TSH	2.75			07C	TEH
13	42	0.26	96	MAI		3	TSH	2.99	1.09		TSH	TSH
13	43	0.21	103	NQI		P1	TSH	1.79			07C	TEH
13	43	0.81	101	DSI		P1	01H	-0.06			07C	TEH
13	43	0.36	99	SAI		3	TSH	2.16	2.00		TSH	TSH
13	43	0.60	107	SAI		3	01H	0.00			01H	01H
13	45	0.41	103	SAI		3	TSH	1.35	0.80		TSH	TSH
13	45	0.28	103	SAI		3	TSH	2.22	1.88		TSH	TSH
13	47	1.47	101	NQI		P1	TSH	0.46			07C	TEH
13	47	1.24	96	NQI		P1	TSH	1.16			07C	TEH
13	47	0.26	36	NQI		P1	TSH	1.89			07C	TEH
13	47	0.52	94	MAI		3	TSH	2.56	0.32		TSH	TSH
13	49	0.15	108	NQI		P1	TSH	0.67			07C	TEH
13	49	0.45	109	DSI		P1	01H	0.00			07C	TEH
13	49	0.32	107	MAI		3	TSH	1.60	0.26		TSH	TSH

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Row	Col	Volts	Phase	Ind	PCT	Chan	Loc	Inch1	Inch2	Degrees	From	To
13	49	0.24	108	MAI		3	01H	0.00			01H	01H
13	50	0.93	88	NQI		P1	TSH	0.45			07C	TEH
13	50	0.25	76	MAI		3	TSH	1.08	0.26		TSH	TSH
13	53	0.33	103	SAI		3	TSH	0.56	0.26		TSH	TSH
13	56	0.73	104	DSI		P1	01H	-0.03			TEH	TEC
13	62	0.91	53	DSI		P1	01H	0.06			TEH	TEC
13	63	0.47	84	DSI		P1	01H	0.03			TEH	TEC
13	67	0.80	50	DSI		P1	01H	0.03			TEH	TEC
13	68	0.32	74	DSI		P1	01H	-0.03			TEH	TEC
13	72	0.60	36	DSI		P1	01H	-0.03			TEH	TEC
13	72	0.34	46	DSI		P1	02H	0.05			TEH	TEC
13	78	0.39	75	DSI		P1	02H	-0.14			TEH	TEC
13	85	0.70	61	DSI		P1	02H	0.11			TEH	TEC
13	92	0.50	135	PCT	7	P1	01C	-0.19			TEH	TEC
14	3	0.58	139	PCT	7	P1	02C	0.00			TEH	TEC
14	3	0.76	128	PCT	24	P1	01C	0.00			TEH	TEC
14	3	0.30	117	VOL		3	02C	0.00			02C	02C
14	5	2.32	0	PCT	36	2	01C	-0.01			01C	01C
14	5	0.87	63	VOL		3	01C	0.03			01C	01C
14	6	1.85	97	DSI		P1	01H	0.03			TEH	TEC
14	6	0.76	71	DSI		P1	03H	0.00			TEH	TEC
14	6	0.62	117	MAI		3	01H	0.00			01H	01H
14	8	0.46	59	DSI		P1	01H	0.00			TEH	TEC
14	9	0.61	83	DSI		P1	01H	0.03			TEH	TEC
14	12	0.88	84	DSI		P1	01H	0.03			TEH	TEC
14	13	0.76	108	DSI		P1	01H	-0.08			TEH	TEC
14	15	0.62	47	DSI		P1	01H	-0.03			TEH	TEC
14	18	0.69	73	DSI		P1	01H	0.03			TEH	TEC
14	18	0.52	29	DSI		P1	02H	-0.03			TEH	TEC
14	19	0.47	48	DSI		P1	02H	0.03			TEH	TEC
14	20	0.37	107	DSI		P1	01H	-0.06			TEH	TEC
14	21	1.15	62	DSI		P1	01H	0.08			TEH	TEC
14	21	0.38	114	DSI		P1	02H	0.00			TEH	TEC
14	29	1.67	150	NQI		P1	TSH	0.57			07C	TEH
14	29	0.38	93	DSI		P1	01H	-0.12			07C	TEH
14	29	0.20	114	SAI		3	TSH	0.81	0.50		TSH	TSH
14	29	0.35	105	SAI		3	TSH	0.94	0.38		TSH	TSH
14	29	0.36	113	SAI		3	01H	0.00			01H	01H
14	31	0.16	94	NQI		P1	TSH	1.12			07C	TEH
14	31	0.51	103	DSI		P1	01H	-0.06			07C	TEH
14	31	0.48	100	SAI		3	TSH	1.18	0.27		TSH	TSH
14	31	0.64	104	SAI		3	01H	0.00			01H	01H
14	33	0.76	112	NQI		P1	TSH	0.94			07C	TEH
14	33	1.26	94	NQI		P1	TSH	1.39			07C	TEH
14	33	0.43	42	NQI		P1	TSH	1.75			07C	TEH
14	33	0.12	131	NQI		P1	TSH	2.12			07C	TEH
14	33	0.94	96	MAI		3	TSH	2.44	0.78		TSH	TSH
14	34	0.98	125	NQI		P1	TSH	0.58			07C	TEH
14	34	1.02	83	NQI		P1	TSH	0.97			07C	TEH
14	34	2.85	91	NQI		P1	TSH	1.55			07C	TEH
14	34	0.51	85	NQI		P1	TSH	1.88			07C	TEH

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Row	Col	Volts	Phase	Ind	PCT	Chan	Loc	Inch1	Inch2	Degrees	From	To
14	34	0.44	135	NQI		P1	TSH	2.24			07C	TEH
14	34	1.13	94	DSI		P1	01H	-0.03			07C	TEH
14	34	2.21	95	DSI		P1	02H	-0.15			07C	TEH
14	34	0.40	59	DSI		P1	03H	-0.03			07C	TEH
14	34	1.22	80	MAI		3	TSH	2.82	0.29		TSH	TSH
14	34	0.38	126	SAI		3	03H	0.00			03H	03H
14	34	0.25	125	SAI		3	03H	0.00			03H	03H
14	34	0.40	122	MAI		3	02H	0.28			02H	02H
14	36	0.61	117	NQI		P1	TSH	0.55			07C	TEH
14	36	1.65	99	NQI		P1	TSH	1.61			07C	TEH
14	36	0.23	102	NQI		P1	TSH	2.30			07C	TEH
14	36	1.92	86	DSI		P1	01H	-0.15			07C	TEH
14	36	0.55	111	MAI		3	TSH	2.66	0.50		TSH	TSH
14	37	1.38	81	NQI		P1	TSH	1.18			07C	TEH
14	37	0.29	132	NQI		P1	TSH	1.51			07C	TEH
14	37	0.90	115	NQI		P1	TSH	2.03			07C	TEH
14	37	1.62	100	DSI		P1	01H	0.09			07C	TEH
14	37	1.01	104	DSI		P1	02H	-0.18			07C	TEH
14	37	0.79	99	MAI		3	TSH	2.88	0.25		TSH	TSH
14	37	0.29	130	MAI		3	02H	-0.16			02H	02H
14	38	0.65	66	NQI		P1	TSH	1.33			07C	TEH
14	38	0.32	130	NQI		P1	TSH	2.09			07C	TEH
14	38	1.47	102	DSI		P1	01H	-0.18			07C	TEH
14	38	1.18	101	DSI		P1	02H	-0.21			07C	TEH
14	38	0.36	120	MAI		3	TSH	2.60	0.23		TSH	TSH
14	39	1.26	108	NQI		P1	TSH	0.55			07C	TEH
14	39	1.37	83	NQI		P1	TSH	1.40			07C	TEH
14	39	0.79	105	NQI		P1	TSH	1.92			07C	TEH
14	39	0.17	116	NQI		P1	TSH	2.31			07C	TEH
14	39	2.11	79	DSI		P1	01H	0.00			07C	TEH
14	39	2.09	104	DSI		P1	02H	-0.12			07C	TEH
14	39	0.45	110	MAI		3	TSH	2.43	0.26		TSH	TSH
14	39	0.45	119	MAI		3	01H	0.05			01H	01H
14	39	0.31	119	MAI		3	02H	-0.18			02H	02H
14	40	0.71	52	NQI		P1	TSH	1.24			07C	TEH
14	40	0.64	68	NQI		P1	TSH	1.97			07C	TEH
14	40	0.73	97	DSI		P1	01H	0.15			07C	TEH
14	40	0.65	83	MAI		3	TSH	2.59	0.40		TSH	TSH
14	41	0.23	77	NQI		P1	TSH	1.97			07C	TEH
14	41	1.15	84	DSI		P1	01H	-0.13			07C	TEH
14	41	0.33	105	MAI		3	TSH	2.17	0.58		TSH	TSH
14	43	0.27	118	SAI		3	TSH	1.67	0.71		TSH	TSH
14	45	0.27	81	NQI		P1	TSH	1.39			07C	TEH
14	45	0.27	104	SAI		3	TSH	0.82	0.44		TSH	TSH
14	45	0.63	99	MAI		3	TSH	1.90	1.14		TSH	TSH
14	46	1.05	76	NQI		P1	TSH	0.46			07C	TEH
14	46	0.89	86	NQI		P1	TSH	1.18			07C	TEH
14	46	0.16	77	NQI		P1	TSH	1.64			07C	TEH
14	46	0.42	113	MAI		3	TSH	2.18	0.30		TSH	TSH
14	47	6.10	185	NQI		P1	TSH	0.30			07C	TEH
14	47	0.39	125	NQI		P1	TSH	0.91			07C	TEH

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Row	Col	Volts	Phase	Ind	PCT	Chan	Loc	Inch1	Inch2	Degrees	From	To
14	47	0.23	141	NQI		P1	TSH	1.24			07C	TEH
14	47	0.95	89	DSI		P1	01H	0.00			07C	TEH
14	47	0.79	98	DSI		P1	02H	-0.21			07C	TEH
14	47	0.37	99	MAI		3	TSH	1.64	0.23		TSH	TSH
14	47	0.49	118	SAI		3	01H	0.00			01H	01H
14	47	0.58	112	SAI		3	02H	0.00			02H	02H
14	48	0.51	112	NQI		P1	TSH	0.79			07C	TEH
14	48	0.69	111	MAI		3	TSH	1.45	0.18		TSH	TSH
14	49	0.23	123	NQI		P1	TSH	0.21			07C	TEH
14	49	0.51	88	DSI		P1	01H	0.03			07C	TEH
14	49	0.42	117	MAI		3	TSH	0.92	0.47		TSH	TSH
14	49	0.39	126	SAI		3	01H	0.00			01H	01H
14	53	1.02	77	DSI		P1	01H	-0.03			07C	TEH
14	53	0.22	107	MAI		3	TSH	0.34	0.17		TSH	TSH
14	56	1.42	85	DSI		P1	01H	0.00			TEH	TEC
14	56	0.26	98	MAI		3	01H	0.00			01H	01H
14	59	0.97	102	DSI		P1	01H	-0.03			TEH	TEC
14	59	0.57	59	DSI		P1	02H	0.06			TEH	TEC
14	63	0.79	72	DSI		P1	01H	0.03			TEH	TEC
14	63	0.93	116	DSI		P1	02H	0.06			TEH	TEC
14	64	0.50	97	DSI		P1	01H	-0.03			TEH	TEC
14	67	0.43	76	DSI		P1	01H	0.05			TEH	TEC
14	67	0.44	135	DSI		P1	02H	-0.08			TEH	TEC
14	69	0.46	45	DSI		P1	01H	0.00			TEH	TEC
14	74	1.05	98	DSI		P1	01H	0.14			TEH	TEC
14	75	0.42	41	DSI		P1	02H	0.14			TEH	TEC
14	78	0.32	23	DSI		P1	01H	0.14			TEH	TEC
14	79	0.61	30	DSI		P1	01H	0.03			TEH	TEC
14	80	0.45	53	DSI		P1	01H	0.03			07C	TEH
14	80	0.45	59	DSI		P1	02H	-0.12			07C	TEH
14	80	0.33	111	SAI		3	01H	0.00			01H	01H
14	80	0.20	119	SAI		3	02H	-0.03			02H	02H
14	87	0.71	76	DSI		P1	02H	0.06			TEH	TEC
14	92	1.05	0	PCT	26	2	01C	-0.01			01C	01C
14	92	0.63	59	VOL		3	01C	0.00			01C	01C
15	3	1.10	48	DSI		P1	01H	0.03			TEH	TEC
15	8	0.38	130	DSI		P1	01H	0.03			TEH	TEC
15	9	0.59	117	DSI		P1	01H	-0.19			TEH	TEC
15	9	0.34	64	DSI		P1	02H	0.00			TEH	TEC
15	13	0.45	45	DSI		P1	01H	0.06			TEH	TEC
15	23	1.49	114	DSI		P1	01H	-0.06			07C	TEH
15	23	0.30	21	SAI		3	TSH	-0.15	-0.24		TSH	TSH
15	24	0.31	63	DTI		P1	TSH	-0.53			TSH	TEC
15	24	0.44	89	DSI		P1	01H	0.11			TSH	TEC
15	24	0.33	74	DTI		P1	TEH	10.47			TEH	TSH
15	24	0.57	110	MAI		3	TSH	-0.49	-5.33		TSH	TSH
15	24	0.42	121	SAI		3	TSH	-11.17	-11.64		TEH	TSH
15	24	0.40	126	MAI		3	01H	0.00			01H	01H
15	27	0.39	34	DSI		P1	01H	0.14			TEH	TEC
15	28	0.74	55	DSI		P1	01H	0.03			TEH	TEC
15	29	0.29	23	DSI		P1	01H	0.06			07C	TEH

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Row	Col	Volts	Phase	Ind	PCT	Chan	Loc	Inch1	Inch2	Degrees	From	To
15	29	0.27	120	SAI		3	TSH	0.68	0.44		TSH	TSH
15	29	0.26	117	SAI		3	01H	0.00			01H	01H
15	30	1.19	133	NQI		P1	TSH	0.36			07C	TEH
15	30	0.84	90	DSI		P1	01H	0.06			07C	TEH
15	30	0.77	104	MAI		3	TSH	0.79	0.15		TSH	TSH
15	30	0.51	106	SAI		3	01H	0.00			01H	01H
15	32	0.84	52	NQI		P1	TSH	0.67			07C	TEH
15	32	0.28	133	NQI		P1	TSH	1.15			07C	TEH
15	32	0.34	120	MAI		3	TSH	1.65	0.60		TSH	TSH
15	33	0.95	100	NQI		P1	TSH	0.88			07C	TEH
15	33	0.51	107	NQI		P1	TSH	1.27			07C	TEH
15	33	0.29	110	MAI		3	TSH	2.01	0.20		TSH	TSH
15	34	0.75	114	NQI		P1	TSH	0.76			07C	TEH
15	34	0.87	69	NQI		P1	TSH	1.36			07C	TEH
15	34	0.65	103	MAI		3	TSH	2.29	0.51		TSH	TSH
15	35	0.77	89	NQI		P1	TSH	1.16			07C	TEH
15	35	0.54	102	NQI		P1	TSH	1.53			07C	TEH
15	35	2.18	102	DSI		P1	01H	0.00			07C	TEH
15	35	0.36	109	MAI		3	TSH	2.01	0.27		TSH	TSH
15	35	1.00	104	MAI		3	01H	-0.02			01H	01H
15	36	0.24	114	SAI		3	TSH	1.65	0.95		TSH	TSH
15	37	1.08	140	NQI		P1	TSH	0.58			07C	TEH
15	37	1.10	89	NQI		P1	TSH	1.39			07C	TEH
15	37	0.63	100	MAI		3	TSH	1.83	0.46		TSH	TSH
15	38	0.62	65	NQI		P1	TSH	0.42			07C	TEH
15	38	0.67	100	NQI		P1	TSH	1.12			07C	TEH
15	38	0.33	110	MAI		3	TSH	1.83	0.43		TSH	TSH
15	39	0.51	84	NQI		P1	TSH	1.15			07C	TEH
15	39	0.36	80	MAI		3	TSH	1.64	0.30		TSH	TSH
15	41	0.17	109	MAI		3	TSH	1.70	0.95		TSH	TSH
15	42	2.00	76	NQI		P1	TSH	0.97			07C	TEH
15	42	0.16	96	NQI		P1	TSH	1.24			07C	TEH
15	42	0.56	53	DSI		P1	03H	-0.06			07C	TEH
15	42	0.39	86	MAI		3	TSH	2.13	0.75		TSH	TSH
15	42	0.21	109	SAI		3	03H	0.00			03H	03H
15	43	0.46	105	NQI		P1	TSH	1.06			07C	TEH
15	43	0.11	107	NQI		P1	TSH	1.42			07C	TEH
15	43	0.63	103	DSI		P1	01H	-0.06			07C	TEH
15	43	0.37	124	MAI		3	TSH	1.65	1.04		TSH	TSH
15	43	0.37	116	SAI		3	01H	0.00			01H	01H
15	44	0.39	17	NQI		P1	TSH	1.06			07C	TEH
15	44	1.12	105	DSI		P1	01H	0.00			07C	TEH
15	44	0.18	83	MAI		3	TSH	0.82	0.45		TSH	TSH
15	45	1.01	73	NQI		P1	TSH	0.73			07C	TEH
15	45	0.39	70	MAI		3	TSH	1.74	0.35		TSH	TSH
15	46	0.52	137	NQI		P1	TSH	0.75			07C	TEH
15	46	0.49	62	DSI		P1	01H	0.00			07C	TEH
15	46	0.16	110	MAI		3	TSH	0.78	0.45		TSH	TSH
15	46	0.27	120	SAI		3	01H	0.03			01H	01H
15	47	0.49	51	NQI		P1	TSH	0.67			07C	TEH
15	47	0.17	109	MAI		3	TSH	1.58	0.27		TSH	TSH

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RC-E-1A
(TUBES WITH INDICATIONS)

Row	Col	Volts	Phase	Ind	PCT	Chan	Loc	Inch1	Inch2	Degrees	From	To
15	48	1.11	102	DSI		P1	01H	0.21			07C	TEH
15	48	0.35	122	MAI		3	TSH	1.04	0.20		TSH	TSH
15	49	0.34	137	SAI		3	TSH	0.91	0.41		TSH	TSH
15	52	0.81	102	DSI		P1	01H	0.28			TEH	TEC
15	54	0.84	51	DSI		P1	01H	0.00			TEH	TEC
15	58	0.34	90	DSI		P1	01H	0.11			TEH	TEC
15	59	1.56	66	DSI		P1	01H	0.05			TEH	TEC
15	59	0.41	113	MAI		3	01H	0.00			01H	01H
15	60	0.82	63	DSI		P1	01H	0.08			TEH	TEC
15	61	1.26	48	DSI		P1	01H	-0.14			TEH	TEC
15	61	0.16	103	SAI		3	01H	-0.17			01H	01H
15	62	0.56	92	DSI		P1	01H	0.08			TEH	TEC
15	64	1.11	82	DSI		P1	01H	0.17			TEH	TEC
15	65	0.42	98	DSI		P1	01H	0.19			TEH	TEC
15	66	0.49	78	DSI		P1	01H	0.11			TEH	TEC
15	66	0.41	47	DSI		P1	02H	0.11			TEH	TEC
15	67	0.28	42	DSI		P1	01H	0.03			TEH	TEC
15	70	0.53	72	DSI		P1	01H	0.00			TEH	TEC
15	70	0.74	50	DSI		P1	02H	0.00			TEH	TEC
15	72	0.49	35	DSI		P1	01H	0.08			TEH	TEC
15	73	0.59	38	DSI		P1	01H	0.11			TEH	TEC
15	74	1.33	49	DSI		P1	01H	-0.03			TEH	TEC
15	74	0.67	81	SAI		3	01H	0.00			01H	01H
15	78	0.72	87	DSI		P1	01H	0.08			TEH	TEC
15	81	0.71	61	DSI		P1	01H	0.03			TEH	TEC
15	81	0.63	79	DSI		P1	02H	0.00			TEH	TEC
15	90	0.66	135	PCT	13	P1	01C	-0.17			TEH	TEC
15	90	0.44	130	VOL		3	01C	-0.11			01C	01C
15	92	0.40	133	PCT	10	P1	02C	-0.17			TEH	TEC
16	4	1.10	143	PCT	1	P1	01C	0.12			TEH	TEC
16	4	0.54	113	VOL		3	01C	0.00			01C	01C
16	5	0.92	93	DSI		P1	01H	0.03			TEH	TEC
16	5	0.63	139	PCT	7	P1	01C	-0.09			TEH	TEC
16	7	0.42	109	DSI		P1	01H	0.11			TEH	TEC
16	8	0.46	49	DSI		P1	01H	0.03			TEH	TEC
16	8	0.35	31	DSI		P1	05H	0.09			TEH	TEC
16	10	0.71	66	DSI		P1	01H	0.00			TEH	TEC
16	11	0.59	49	DSI		P1	02H	-0.03			TEH	TEC
16	12	1.85	101	DSI		P1	01H	-0.06			TEH	TEC
16	12	1.10	76	DSI		P1	02H	-0.03			TEH	TEC
16	12	1.79	106	DSI		P1	03H	-0.20			TEH	TEC
16	12	0.59	99	MAI		3	01H	0.00			01H	01H
16	12	0.22	117	MAI		3	03H	-0.08			03H	03H
16	13	0.67	90	DSI		P1	01H	-0.03			TEH	TEC
16	13	1.46	120	DSI		P1	02H	0.33			TEH	TEC
16	13	1.11	75	DSI		P1	03H	-0.06			TEH	TEC
16	13	0.91	75	DSI		P1	04H	-0.08			TEH	TEC
16	13	0.42	107	MAI		3	02H	0.28			02H	02H
16	14	0.42	64	DSI		P1	01H	0.03			TEH	TEC
16	17	0.29	147	DSI		P1	01H	0.08			TEH	TEC
16	18	0.72	50	DSI		P1	01H	-0.03			TEH	TEC

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RC-E-1A
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Row	Col	Volts	Phase	Ind	PCT	Chan	Loc	Inch1	Inch2	Degrees	From	To
16	22	0.88	71	DSI		P1	01H	0.06			TEH	TEC
16	22	0.72	67	DSI		P1	02H	-0.11			TEH	TEC
16	23	1.10	90	DSI		P1	01H	0.06			TEH	TEC
16	25	1.23	48	DSI		P1	01H	0.00			TEH	TEC
16	25	0.99	81	DSI		P1	03H	-0.08			TEH	TEC
16	25	0.21	110	MAI		3	01H	0.00			01H	01H
16	28	0.63	46	DSI		P1	01H	0.06			TEH	TEC
16	29	0.46	57	DSI		P1	01H	-0.12			07C	TEH
16	29	0.34	111	SAI		3	TSH	0.24	0.02		TSH	TSH
16	29	0.36	110	SAI		3	01H	0.00			01H	01H
16	31	0.26	112	MAI		3	TSH	0.27	0.05		TSH	TSH
16	31	0.11	75	MAI		3	TSH	0.38	0.24		TSH	TSH
16	31	0.37	115	MAI		3	TSH	0.59	-0.05		TSH	TSH
16	31	0.26	101	MAI		3	TSH	0.79	0.23		TSH	TSH
16	33	1.14	118	NQI		P1	TSH	0.52			07C	TEH
16	33	0.44	123	NQI		P1	TSH	0.76			07C	TEH
16	33	0.10	63	NQI		P1	TSH	1.00			07C	TEH
16	33	0.80	110	DSI		P1	01H	-0.21			07C	TEH
16	33	0.47	88	MAI		3	TSH	0.22	-0.03		TSH	TSH
16	33	0.68	95	MAI		3	TSH	0.82	0.24		TSH	TSH
16	33	0.41	114	MAI		3	TSH	0.97	0.17		TSH	TSH
16	33	0.51	103	MAI		3	TSH	1.48	0.35		TSH	TSH
16	33	0.25	118	SAI		3	01H	0.00			01H	01H
16	34	0.78	144	NQI		P1	TSH	0.54			07C	TEH
16	34	1.21	59	NQI		P1	TSH	0.91			07C	TEH
16	34	1.26	75	DSI		P1	01H	-0.03			07C	TEH
16	34	0.33	95	MAI		3	TSH	1.73	0.36		TSH	TSH
16	35	1.02	134	DTI		P1	TSH	0.51			07C	TEH
16	35	1.08	80	NQI		P1	TSH	0.97			07C	TEH
16	35	0.91	87	NQI		P1	TSH	1.33			07C	TEH
16	35	0.76	99	DSI		P1	01H	-0.09			07C	TEH
16	35	0.93	106	DSI		P1	02H	-0.21			07C	TEH
16	35	0.62	103	MAI		3	TSH	1.80	0.30		TSH	TSH
16	35	0.52	118	SAI		3	01H	0.00			01H	01H
16	36	1.29	101	NQI		P1	TSH	0.67			07C	TEH
16	36	0.25	71	NQI		P1	TSH	1.12			07C	TEH
16	36	0.69	105	DSI		P1	01H	-0.06			07C	TEH
16	36	0.71	103	MAI		3	TSH	1.70	0.37		TSH	TSH
16	36	0.22	114	SAI		3	01H	0.00			01H	01H
16	37	1.20	135	NQI		P1	TSH	0.58			07C	TEH
16	37	0.59	95	NQI		P1	TSH	1.24			07C	TEH
16	37	0.66	108	DSI		P1	01H	0.03			07C	TEH
16	37	0.54	93	DSI		P1	02H	0.03			07C	TEH
16	37	0.40	89	MAI		3	TSH	1.78	0.13		TSH	TSH
16	37	0.24	115	MAI		3	01H	0.00			01H	01H
16	37	0.38	112	SAI		3	02H	0.00			02H	02H
16	38	1.49	91	NQI		P1	TSH	0.94			07C	TEH
16	38	0.83	96	NQI		P1	TSH	1.27			07C	TEH
16	38	1.24	80	DSI		P1	01H	0.00			07C	TEH
16	38	0.53	83	MAI		3	TSH	1.70	0.26		TSH	TSH
16	39	1.15	97	NQI		P1	TSH	0.91			07C	TEH

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Row	Col	Volts	Phase	Ind	PCT	Chan	Loc	Inch1	Inch2	Degrees	From	To
16	39	0.65	65	DSI		P1	01H	-0.09			07C	TEH
16	39	0.30	101	MAI		3	TSH	2.10	0.32		TSH	TSH
16	40	1.12	159	DTI		P1	TSH	0.48			07C	TEH
16	40	0.38	75	NQI		P1	TSH	1.03			07C	TEH
16	40	0.18	103	SAI		3	TSH	0.75	0.40		TSH	TSH
16	40	0.17	87	SAI		3	TSH	1.31	0.99		TSH	TSH
16	41	0.87	85	NQI		P1	TSH	0.82			07C	TEH
16	41	0.35	133	NQI		P1	TSH	1.18			07C	TEH
16	41	1.16	88	DSI		P1	01H	-0.24			07C	TEH
16	41	0.48	93	MAI		3	TSH	1.43	0.41		TSH	TSH
16	42	2.52	93	NQI		P1	TSH	0.85			07C	TEH
16	42	1.42	95	DSI		P1	01H	0.06			07C	TEH
16	42	1.70	103	DSI		P1	02H	-0.18			07C	TEH
16	42	0.62	110	MAI		3	TSH	1.59	0.13		TSH	TSH
16	43	0.57	115	NQI		P1	TSH	0.48			07C	TEH
16	43	0.67	107	NQI		P1	TSH	0.73			07C	TEH
16	43	1.81	88	DSI		P1	01H	0.03			07C	TEH
16	43	0.59	113	MAI		3	TSH	1.49	0.30		TSH	TSH
16	44	0.52	107	NQI		P1	TSH	0.46			07C	TEH
16	44	0.65	112	NQI		P1	TSH	0.85			07C	TEH
16	44	0.09	83	NQI		P1	TSH	1.15			07C	TEH
16	44	0.95	76	DSI		P1	01H	0.00			07C	TEH
16	44	0.27	113	MAI		3	TSH	1.36	0.22		TSH	TSH
16	44	0.29	127	MAI		3	01H	-0.06			01H	01H
16	46	0.31	67	NQI		P1	TSH	0.46			07C	TEH
16	46	0.22	116	MAI		3	TSH	0.87	0.40		TSH	TSH
16	47	0.35	45	NQI		P1	TSH	0.70			07C	TEH
16	47	2.39	87	DSI		P1	01H	0.09			07C	TEH
16	47	0.27	110	MAI		3	TSH	0.84	0.25		TSH	TSH
16	47	0.94	93	MAI		3	01H	0.09			01H	01H
16	48	1.54	96	DSI		P1	01H	-0.24			07C	TEH
16	48	0.75	105	MAI		3	TSH	0.79	0.12		TSH	TSH
16	49	0.53	123	DSI		P1	01H	0.00			TEH	TEC
16	54	0.42	92	DSI		P1	01H	0.06			TEH	TEC
16	58	1.02	103	DSI		P1	01H	0.17			TEH	TEC
16	59	1.02	98	DSI		P1	01H	0.17			TEH	TEC
16	59	1.01	91	DSI		P1	02H	0.00			TEH	TEC
16	61	0.48	104	DSI		P1	02H	-0.03			TEH	TEC
16	61	0.44	48	DSI		P1	03H	0.08			TEH	TEC
16	62	0.42	144	DSI		P1	01H	0.11			TEH	TEC
16	63	0.64	101	DSI		P1	01H	0.14			TEH	TEC
16	63	0.39	55	DSI		P1	02H	0.06			TEH	TEC
16	64	1.44	102	DSI		P1	01H	0.14			TEH	TEC
16	64	0.75	99	MAI		3	01H	0.00			01H	01H
16	67	0.94	92	DSI		P1	01H	0.11			TEH	TEC
16	67	0.44	52	DSI		P1	02H	0.00			TEH	TEC
16	67	0.46	35	DSI		P1	05H	0.03			TEH	TEC
16	70	0.60	27	DSI		P1	01H	-0.03			TEH	TEC
16	73	0.43	48	DSI		P1	01H	0.06			TEH	TEC
16	85	0.78	61	DSI		P1	02H	0.14			TEH	TEC
16	85	0.95	103	DSI		P1	03H	0.00			TEH	TEC

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Row	Col	Volts	Phase	Ind	PCT	Chan	Loc	Inch1	Inch2	Degrees	From	To
16	86	0.67	67	DSI		P1	02H	0.03			TEH	TEC
16	86	0.43	60	DSI		P1	03H	0.08			TEH	TEC
17	4	0.73	136	PCT	11	P1	01C	-0.14			TEH	TEC
17	4	0.46	115	VOL		3	01C	0.00			01C	01C
17	5	0.78	141	PCT	3	P1	02C	0.17			TEH	TEC
17	5	2.06	121	PCT	34	P1	01C	-0.11			TEH	TEC
17	12	0.22	111	DSI		P1	01H	0.06			TEH	TEC
17	13	0.61	59	DSI		P1	01H	0.00			TEH	TEC
17	13	1.09	64	DSI		P1	02H	0.00			TEH	TEC
17	14	1.09	44	DSI		P1	01H	0.03			TEH	TEC
17	14	0.22	113	SAI		3	01H	0.18			01H	01H
17	16	0.98	65	DSI		P1	02H	0.06			TEH	TEC
17	19	1.92	32	DSI		P1	02H	0.00			TEH	TEC
17	19	0.32	116	SAI		3	02H	0.00			02H	02H
17	21	0.25	108	DSI		P1	01H	0.17			TEH	TEC
17	24	0.60	78	DSI		P1	01H	0.00			TEH	TEC
17	24	0.32	84	DSI		P1	02H	0.08			TEH	TEC
17	31	0.14	109	MAI		3	TSH	0.30	0.19		TSH	TSH
17	31	0.31	106	MAI		3	TSH	0.57	0.25		TSH	TSH
17	32	0.63	95	NQI		P1	TSH	0.57			07C	TEH
17	32	1.20	41	DSI		P1	01H	0.09			07C	TEH
17	32	0.66	101	MAI		3	TSH	0.93	0.19		TSH	TSH
17	33	0.96	114	NQI		P1	TSH	0.54			07C	TEH
17	33	0.43	48	DSI		P1	01H	-0.03			07C	TEH
17	33	0.56	100	MAI		3	TSH	0.55	0.13		TSH	TSH
17	33	0.66	119	MAI		3	TSH	0.75	0.20		TSH	TSH
17	33	0.45	108	SAI		3	01H	0.00			01H	01H
17	34	2.21	167	NQI		P1	TSH	0.51			07C	TEH
17	34	0.40	108	MAI		3	TSH	1.43	0.21		TSH	TSH
17	35	1.94	126	DTI		P1	TSH	0.54			07C	TEH
17	35	0.83	88	NQI		P1	TSH	0.91			07C	TEH
17	35	0.46	111	MAI		3	TSH	1.23	0.10		TSH	TSH
17	36	0.82	88	NQI		P1	TSH	0.64			07C	TEH
17	36	0.65	94	NQI		P1	TSH	1.03			07C	TEH
17	36	0.29	151	DSI		P1	02H	0.06			07C	TEH
17	36	0.35	105	MAI		3	TSH	1.32	0.28		TSH	TSH
17	37	1.59	78	NQI		P1	TSH	0.85			07C	TEH
17	37	0.27	133	NQI		P1	TSH	1.12			07C	TEH
17	37	0.55	92	DSI		P1	01H	-0.06			07C	TEH
17	37	0.85	98	DSI		P1	02H	-0.15			07C	TEH
17	37	1.39	78	MAI		3	TSH	1.54	0.21		TSH	TSH
17	37	0.52	105	SAI		3	01H	-0.02			01H	01H
17	37	0.33	125	MAI		3	02H	0.00			02H	02H
17	38	0.98	102	NQI		P1	TSH	0.79			07C	TEH
17	38	0.38	97	MAI		3	TSH	1.29	0.45		TSH	TSH
17	39	1.78	88	NQI		P1	TSH	0.82			07C	TEH
17	39	0.39	99	MAI		3	TSH	1.19	0.52		TSH	TSH
17	40	2.21	99	NQI		P1	TSH	0.67			07C	TEH
17	40	1.89	86	NQI		P1	TSH	1.03			07C	TEH
17	40	1.53	82	MAI		3	TSH	3.30	0.28		TSH	TSH
17	41	3.31	76	NQI		P1	TSH	0.66			07C	TEH

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Row	Col	Volts	Phase	Ind	PCT	Chan	Loc	Inch1	Inch2	Degrees	From	To
17	41	0.61	95	DSI		P1	01H	-0.12			07C	TEH
17	41	0.66	114	MAI		3	TSH	1.26	0.13		TSH	TSH
17	41	0.19	104	SAI		3	01H	0.22			01H	01H
17	42	0.82	96	NQI		P1	TSH	0.67			07C	TEH
17	42	0.40	44	DSI		P1	01H	0.00			07C	TEH
17	42	0.30	97	MAI		3	TSH	1.11	0.38		TSH	TSH
17	42	0.25	115	SAI		3	01H	0.00			01H	01H
17	43	0.78	56	NQI		P1	TSH	0.37			07C	TEH
17	43	0.93	84	DSI		P1	01H	0.00			07C	TEH
17	43	0.52	67	MAI		3	TSH	1.26	0.23		TSH	TSH
17	43	0.53	103	SAI		3	01H	0.00			01H	01H
17	44	0.97	66	DSI		P1	01H	0.03			TEH	TEC
17	45	1.24	87	DSI		P1	01H	0.00			07C	TEH
17	45	0.46	77	SAI		3	TSH	1.08	0.52		TSH	TSH
17	46	0.59	130	DSI		P1	01H	-0.09			07C	TEH
17	46	0.30	54	SAI		3	TSH	-0.23	-0.40		TSH	TSH
17	46	0.45	104	SAI		3	01H	0.00			01H	01H
17	54	0.99	61	DSI		P1	01H	0.06			TEH	TEC
17	55	0.87	111	DSI		P1	01H	-0.05			TEH	TEC
17	55	0.57	67	DSI		P1	02H	0.06			TEH	TEC
17	56	0.85	42	DSI		P1	01H	0.08			TEH	TEC
17	59	2.06	110	DSI		P1	02H	0.09			07C	TEH
17	59	0.24	86	MAI		3	02H	-0.04			02H	02H
17	59	2.13	85	MAI		3	01H	-0.10			01H	01H
17	60	0.81	78	DSI		P1	01H	0.03			TEH	TEC
17	60	0.34	83	DSI		P1	02H	0.00			TEH	TEC
17	64	0.81	86	DSI		P1	01H	0.06			TEH	TEC
17	66	0.64	93	DSI		P1	01H	0.06			TEH	TEC
17	66	0.70	94	DSI		P1	02H	0.00			TEH	TEC
17	68	1.04	106	DSI		P1	02H	0.11			TEH	TEC
17	77	0.86	39	DSI		P1	02H	0.11			TEH	TEC
17	83	0.62	29	DSI		P1	01H	0.03			TEH	TEC
17	90	0.64	0	PCT	20	2	02C	-0.06			02C	02C
17	90	0.28	170	VOL		3	02C	0.00			01C	02C
17	90	0.59	64	VOL		3	01C	-0.20			01C	01C
17	90	1.82	0	PCT	34	2	01C	-0.13			01C	01C
18	16	0.36	58	DSI		P1	01H	0.03			TEH	TEC
18	18	0.78	111	DSI		P1	02H	-0.11			TEH	TEC
18	20	0.71	120	DSI		P1	01H	-0.03			TEH	TEC
18	21	0.68	100	DSI		P1	02H	-0.17			TEH	TEC
18	23	0.89	103	DSI		P1	01H	-0.06			TEH	TEC
18	23	1.87	8	DSI		P1	03H	0.08			TEH	TEC
18	23	0.14	109	SAI		3	03H	0.00			03H	03H
18	24	0.40	45	DSI		P1	01H	0.06			TEH	TEC
18	25	0.34	79	DSI		P1	01H	0.08			TEH	TEC
18	30	0.63	48	DSI		P1	01H	0.00			TEH	TEC
18	30	0.66	50	DSI		P1	02H	0.00			TEH	TEC
18	30	0.27	113	SAI		3	TSH	0.21	0.09		TSH	TSH
18	33	0.46	119	NQI		P1	TSH	0.45			07C	TEH
18	33	0.22	99	DSI		P1	01H	0.03			07C	TEH
18	33	0.30	131	MAI		3	TSH	0.28	0.08		TSH	TSH

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Row	Col	Volts	Phase	Ind	PCT	Chan	Loc	Inch1	Inch2	Degrees	From	To
18	33	0.34	103	MAI		3	TSH	0.65	0.20		TSH	TSH
18	33	0.44	111	SAI		3	01H	0.00			01H	01H
18	35	3.85	160	DTI		P1	TSH	0.48			07C	TEH
18	35	0.53	102	SAI		3	TSH	0.68	0.23		TSH	TSH
18	36	1.48	117	DTI		P1	TSH	0.54			07C	TEH
18	36	0.51	107	MAI		3	TSH	0.80	0.32		TSH	TSH
18	37	1.09	127	NQI		P1	TSH	0.58			07C	TEH
18	37	0.20	107	MAI		3	TSH	0.92	0.23		TSH	TSH
18	39	2.53	93	NQI		P1	TSH	0.64			07C	TEH
18	39	1.28	84	DSI		P1	01H	0.12			07C	TEH
18	39	0.68	113	MAI		3	TSH	1.01	0.36		TSH	TSH
18	41	0.26	118	MAI		3	TSH	0.91	0.31		TSH	TSH
18	42	0.92	43	DSI		P1	01H	0.03			07C	TEH
18	42	0.26	109	MAI		3	TSH	0.90	0.15		TSH	TSH
18	42	0.23	118	SAI		3	01H	0.00			01H	01H
18	44	0.34	103	MAI		3	TSH	0.57	0.28		TSH	TSH
18	51	0.63	75	DSI		P1	01H	0.03			TEH	TEC
18	56	0.85	118	DSI		P1	01H	-0.11			TEH	TEC
18	57	0.51	98	DSI		P1	01H	0.00			TEH	TEC
18	59	0.57	54	DSI		P1	01H	0.05			TEH	TEC
18	61	0.48	39	DSI		P1	01H	-0.03			TEH	TEC
18	69	0.80	74	DSI		P1	02H	0.08			TEH	TEC
18	75	0.66	77	DSI		P1	01H	0.08			TEH	TEC
18	76	0.52	41	DSI		P1	02H	0.00			TEH	TEC
18	78	1.01	50	DSI		P1	01H	0.00			TEH	TEC
18	87	0.27	102	PCT	55	P1	02C	0.11			TEH	TEC
18	87	0.33	115	VOL		3	02C	0.17			02C	02C
18	89	1.27	133	PCT	10	P1	01C	-0.14			TEH	TEC
19	6	0.74	33	DSI		P1	04H	0.00			TEH	TEC
19	6	0.57	132	PCT	18	P1	02C	0.29			TEH	TEC
19	6	1.48	124	PCT	30	P1	01C	-0.14			TEH	TEC
19	9	0.41	114	DSI		P1	02H	-0.08			TEH	TEC
19	9	0.59	74	DSI		P1	03H	0.11			TEH	TEC
19	11	0.24	73	DSI		P1	01H	0.11			TEH	TEC
19	16	0.45	57	DSI		P1	02H	-0.11			TEH	TEC
19	22	0.54	94	DSI		P1	01H	0.00			TEH	TEC
19	25	0.67	107	DSI		P1	01H	0.00			TEH	TEC
19	25	0.56	114	DSI		P1	02H	0.03			TEH	TEC
19	26	0.59	71	DSI		P1	01H	0.11			TEH	TEC
19	27	0.46	99	DSI		P1	01H	0.08			TEH	TEC
19	30	1.07	83	DSI		P1	01H	0.09			07C	TEH
19	30	0.33	38	SAI		3	TSH	-0.13	-0.30		TSH	TSH
19	31	0.34	119	DSI		P1	01H	0.12			TEH	TEC
19	35	0.85	101	DSI		P1	01H	0.06			07C	TEH
19	35	1.63	90	DSI		P1	02H	0.15			07C	TEH
19	35	0.41	92	MAI		3	TSH	0.41	0.04		TSH	TSH
19	35	0.63	114	SAI		3	01H	0.00			01H	01H
19	36	1.30	141	DTI		P1	TSH	0.45			07C	TEH
19	36	0.34	111	MAI		3	TSH	0.60	0.16		TSH	TSH
19	37	1.42	98	DSI		P1	01H	0.09			07C	TEH
19	37	0.21	99	SAI		3	TSH	0.36	0.15		TSH	TSH

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Row	Col	Volts	Phase	Ind	PCT	Chan	Loc	Inch1	Inch2	Degrees	From	To
19	38	1.38	88	DSI		P1	01H	-0.08			TEH	TEC
19	38	0.97	100	SAI		3	01H	0.00			01H	01H
19	45	0.56	147	DSI		P1	01H	0.06			TEH	TEC
19	46	0.71	101	DSI		P1	01H	-0.14			TEH	TEC
19	51	0.61	116	DSI		P1	01H	-0.06			TEH	TEC
19	51	0.64	64	DSI		P1	02H	0.11			TEH	TEC
19	53	0.29	63	DSI		P1	01H	0.08			TEH	TEC
19	53	0.40	118	DSI		P1	02H	-0.06			TEH	TEC
19	54	0.89	117	DSI		P1	01H	-0.11			TEH	TEC
19	58	0.48	100	DSI		P1	01H	0.00			07C	TEH
19	58	0.20	138	SAI		3	TSH	0.20	0.07		TSH	TSH
19	58	0.60	103	MAI		3	01H	0.00			01H	01H
19	60	0.62	41	DSI		P1	01H	0.11			TEH	TEC
19	63	2.17	92	DSI		P1	01H	0.12			07C	TEH
19	63	0.82	95	MAI		3	01H	0.04			01H	01H
19	67	0.34	149	DSI		P1	02H	0.19			TEH	TEC
19	71	0.98	66	DSI		P1	02H	0.00			TEH	TEC
19	73	0.52	62	DSI		P1	01H	0.00			TEH	TEC
19	81	0.56	62	DSI		P1	01H	0.06			TEH	TEC
19	81	0.19	93	DSI		P1	02H	0.06			TEH	TEC
19	82	0.46	56	DSI		P1	02H	0.03			TEH	TEC
19	88	0.34	123	PCT	32	P1	03C	-0.19			TEH	TEC
19	88	0.17	106	VOL		3	03C	-0.18			03C	03C
19	89	0.17	123	PCT	26	P1	01C	-0.22			TEH	TEC
20	8	0.47	110	DSI		P1	01H	-0.06			TEH	TEC
20	8	0.62	54	DSI		P1	05H	0.03			TEH	TEC
20	8	1.00	154	PCT	0	P1	02C	-0.11			TEH	TEC
20	9	0.59	43	DSI		P1	01H	0.08			TEH	TEC
20	9	0.55	37	DSI		P1	04H	0.03			TEH	TEC
20	9	0.17	128	PCT	23	P1	01C	0.23			TEH	TEC
20	11	0.48	53	DSI		P1	01H	0.06			TEH	TEC
20	11	0.52	43	DSI		P1	02H	0.00			TEH	TEC
20	12	0.80	45	DSI		P1	02H	-0.03			TEH	TEC
20	12	1.15	119	DSI		P1	03H	-0.08			TEH	TEC
20	13	0.28	108	DSI		P1	01H	0.03			TEH	TEC
20	14	0.79	70	DSI		P1	02H	-0.11			TEH	TEC
20	15	0.41	72	DSI		P1	02H	-0.06			TEH	TEC
20	19	0.94	87	DSI		P1	01H	0.19			TEH	TEC
20	19	0.95	98	DSI		P1	02H	-0.11			TEH	TEC
20	19	0.93	52	DSI		P1	03H	0.03			TEH	TEC
20	20	1.17	81	DSI		P1	01H	0.03			TEH	TEC
20	20	0.71	57	DSI		P1	03H	0.00			TEH	TEC
20	21	1.36	84	DSI		P1	01H	0.06			TEH	TEC
20	21	0.36	124	MAI		3	01H	0.00			01H	01H
20	23	0.97	59	DSI		P1	01H	0.00			TEH	TEC
20	25	2.74	100	DSI		P1	01H	0.00			07C	TEH
20	25	1.67	118	DSI		P1	02H	0.00			07C	TEH
20	25	2.15	98	DSI		P1	03H	0.03			07C	TEH
20	25	0.76	105	MAI		3	03H	0.00			03H	03H
20	25	0.75	111	MAI		3	01H	0.03			01H	01H
20	28	0.46	133	DSI		P1	01C	0.22			07C	TEC

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Row	Col	Volts	Phase	Ind	PCT	Chan	Loc	Inch1	Inch2	Degrees	From	To
20	28	4.61	107	DSI		P1	01H	0.00			TSH	TEC
20	28	0.39	100	DSI		P1	06H	0.15			TSH	TEC
20	28	4.77	105	DSI		P1	01H	0.00			TEH	TEC
20	28	0.36	96	DSI		P1	06H	0.09			TEH	TEC
20	28	0.55	137	DSI		P1	01C	0.23			TEH	TEC
20	28	0.15	122	MAI		3	06H	0.00			06H	06H
20	28	0.90	100	MAI		3	01H	-0.06			01H	01H
20	30	0.37	56	DSI		P1	01H	-0.08			TEH	TEC
20	36	1.17	50	DSI		P1	01H	0.00			TEH	TEC
20	37	0.35	86	DSI		P1	01H	0.14			TEH	TEC
20	38	0.72	123	DTI		P1	TSH	0.30			07C	TEH
20	38	0.40	103	SAI		3	TSH	0.44	0.13		TSH	TSH
20	40	1.46	126	DSI		P1	01H	0.28			TEH	TEC
20	40	0.43	111	SAI		3	01H	0.00			01H	01H
20	43	0.87	51	DSI		P1	01H	0.11			TEH	TEC
20	45	0.62	40	DSI		P1	02H	0.14			TEH	TEC
20	49	0.87	55	DSI		P1	01H	0.11			TEH	TEC
20	52	0.96	96	DSI		P1	01H	0.06			TEH	TEC
20	53	0.58	97	DSI		P1	01H	0.11			TEH	TEC
20	54	1.26	92	DSI		P1	01H	0.08			TEH	TEC
20	54	0.52	117	SAI		3	01H	0.08			01H	01H
20	56	0.53	71	DSI		P1	01H	0.00			TEH	TEC
20	57	0.44	55	DSI		P1	01H	0.00			TEH	TEC
20	60	2.58	98	DSI		P1	01H	-0.09			07C	TEH
20	60	1.17	100	DSI		P1	02H	-0.18			07C	TEH
20	60	0.25	121	MAI		3	02H	0.00			02H	02H
20	60	0.19	112	MAI		3	01H	-0.18			01H	01H
20	61	0.91	75	DSI		P1	01H	0.05			TEH	TEC
20	61	0.78	121	DSI		P1	02H	-0.14			TEH	TEC
20	63	0.67	60	DSI		P1	01H	0.00			07C	TEH
20	63	1.25	79	DSI		P1	02H	0.12			07C	TEH
20	63	0.72	93	SAI		3	01H	0.00			01H	01H
20	63	0.16	95	MAI		3	02H	0.00			02H	02H
20	65	0.98	71	DSI		P1	01H	0.00			TEH	TEC
20	65	0.32	97	DSI		P1	02H	0.00			TEH	TEC
20	66	1.27	68	DSI		P1	01H	0.06			TEH	TEC
20	66	0.35	115	MAI		3	01H	0.00			01H	01H
20	67	0.26	62	DSI		P1	03H	0.06			TEH	TEC
20	69	0.63	44	DSI		P1	01H	0.00			TEH	TEC
20	70	0.27	76	DSI		P1	01H	0.00			TEH	TEC
20	70	0.59	100	DSI		P1	02H	-0.05			TEH	TEC
20	71	0.24	31	DSI		P1	01H	0.08			TEH	TEC
20	72	0.43	54	DSI		P1	01H	0.00			TEH	TEC
20	74	0.82	119	DSI		P1	01H	0.00			TEH	TEC
20	75	0.79	38	DSI		P1	02H	0.08			TEH	TEC
20	85	0.83	91	DSI		P1	01H	0.08			TEH	TEC
20	88	0.35	62	DSI		P1	01H	0.06			TEH	TEC
21	11	0.73	88	DSI		P1	01H	0.11			TEH	TEC
21	13	0.29	114	DSI		P1	01H	0.11			TEH	TEC
21	18	0.42	132	DSI		P1	01H	-0.14			TEH	TEC
21	21	0.91	57	DSI		P1	01H	0.03			TEH	TEC

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Row	Col	Volts	Phase	Ind	PCT	Chan	Loc	Inch1	Inch2	Degrees	From	To
21	22	0.55	66	DSI		P1	01H	0.08			TEH	TEC
21	28	0.67	63	DSI		P1	01H	0.03			TEH	TEC
21	32	0.69	57	DSI		P1	01H	0.03			TEH	TEC
21	33	1.36	52	DSI		P1	01H	0.03			TEH	TEC
21	33	0.70	92	DSI		P1	02H	-0.09			TEH	TEC
21	33	0.24	112	MAI		3	01H	0.00			01H	01H
21	34	1.21	99	DSI		P1	01H	0.17			TEH	TEC
21	34	0.41	113	MAI		3	01H	0.00			01H	01H
21	35	0.50	94	DSI		P1	01H	0.06			TEH	TEC
21	37	1.16	87	DSI		P1	01H	0.06			TEH	TEC
21	38	0.35	32	DSI		P1	01H	0.00			TEH	TEC
21	39	0.60	126	DSI		P1	01H	0.08			TEH	TEC
21	40	0.70	79	DSI		P1	01H	0.17			TEH	TEC
21	42	0.80	78	DSI		P1	01H	-0.17			TEH	TEC
21	44	1.22	28	DSI		P1	01H	0.00			TEH	TEC
21	44	0.13	115	MAI		3	01H	0.00			01H	01H
21	45	1.20	50	DSI		P1	01H	0.00			TEH	TEC
21	45	0.22	104	MAI		3	01H	0.00			01H	01H
21	46	0.59	83	DSI		P1	01H	-0.03			TEH	TEC
21	48	0.87	56	DSI		P1	01H	0.00			TEH	TEC
21	50	0.66	35	DSI		P1	01H	0.08			TEH	TEC
21	51	0.72	34	DSI		P1	01H	0.05			TEH	TEC
21	52	0.36	80	DSI		P1	01H	0.17			TEH	TEC
21	52	0.78	70	DSI		P1	02H	0.06			TEH	TEC
21	52	0.31	99	SAI		3	01H	0.00			01H	01H
21	53	0.64	39	DSI		P1	01H	0.08			TEH	TEC
21	54	1.58	67	DSI		P1	01H	-0.03			TEH	TEC
21	54	0.20	122	MAI		3	01H	0.00			01H	01H
21	55	0.70	70	DSI		P1	01H	0.00			TEH	TEC
21	57	0.91	81	DSI		P1	01H	0.00			TEH	TEC
21	58	0.40	75	DSI		P1	01H	0.08			TEH	TEC
21	59	1.07	77	DSI		P1	01H	0.08			TEH	TEC
21	61	0.79	64	DSI		P1	01H	0.14			TEH	TEC
21	62	0.83	94	DSI		P1	01H	0.06			TEH	TEC
21	62	0.48	116	DSI		P1	02H	-0.14			TEH	TEC
21	63	0.69	49	DSI		P1	01H	-0.08			TEH	TEC
21	64	0.53	53	DSI		P1	01H	-0.08			TEH	TEC
21	64	0.41	64	DSI		P1	02H	0.00			TEH	TEC
21	66	0.64	89	DSI		P1	01H	-0.17			TEH	TEC
21	66	0.49	49	DSI		P1	02H	0.08			TEH	TEC
21	70	0.86	108	DSI		P1	02H	0.00			TEH	TEC
21	71	0.51	76	DSI		P1	01H	0.00			TEH	TEC
21	74	1.18	0	PCT	19	P2	AV4	-0.50			TEH	TEC
21	75	0.47	101	DSI		P1	02H	0.17			TEH	TEC
21	77	0.24	69	DSI		P1	01H	-0.03			TEH	TEC
21	78	0.90	48	DSI		P1	01H	0.03			TEH	TEC
21	78	1.21	70	DSI		P1	02H	0.17			TEH	TEC
21	78	0.57	104	SAI		3	02H	0.03			02H	02H
21	80	0.66	62	DSI		P1	01H	0.08			TEH	TEC
21	80	1.16	81	DSI		P1	02H	0.19			TEH	TEC
21	80	0.60	45	DSI		P1	03H	0.00			TEH	TEC

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Row	Col	Volts	Phase	Ind	PCT	Chan	Loc	Inch1	Inch2	Degrees	From	To
21	83	0.91	85	DSI		P1	01H	0.11			TEH	TEC
21	88	0.26	38	VOL		3	02C	0.00			02C	02C
21	88	0.61	0	PCT	20	2	02C	0.08			02C	02C
21	88	1.63	0	PCT	32	2	01C	-0.08			01C	01C
21	88	0.51	54	VOL		3	01C	0.00			01C	01C
22	8	0.56	82	DSI		P1	01H	0.03			TEH	TEC
22	8	0.75	0	PCT	20	2	01C	0.03			01C	01C
22	8	0.69	40	VOL		3	01C	0.04			01C	01C
22	9	1.85	121	PCT	32	P1	01C	0.23			TEH	TEC
22	15	1.07	41	DSI		P1	02H	-0.03			TEH	TEC
22	15	0.23	136	SAI		3	02H	0.01			02H	02H
22	18	0.79	65	DSI		P1	01H	0.03			TEH	TEC
22	20	0.33	98	DSI		P1	01H	0.19			TEH	TEC
22	20	0.53	83	DSI		P1	02H	-0.06			TEH	TEC
22	21	1.58	93	DSI		P1	01H	0.06			TEH	TEC
22	21	0.99	99	MAI		3	01H	0.00			01H	01H
22	23	1.14	32	DSI		P1	01H	-0.06			TEH	TEC
22	23	0.96	39	DSI		P1	02H	0.00			TEH	TEC
22	23	0.24	110	MAI		3	01H	0.00			01H	01H
22	23	0.32	118	MAI		3	02H	0.00			02H	02H
22	25	0.61	68	DSI		P1	01H	0.08			TEH	TEC
22	28	0.27	67	DSI		P1	01H	0.03			TEH	TEC
22	30	0.51	79	DSI		P1	01H	-0.08			TEH	TEC
22	31	1.74	104	DSI		P1	01H	0.22			TSH	TEC
22	31	2.03	26	PCT	28	P2	AV2	0.08			TSH	TEC
22	31	1.22	13	PCT	21	P2	AV3	0.06			TSH	TEC
22	31	1.54	103	DSI		P1	01H	0.20			TEH	TEC
22	31	1.36	0	PCT	21	P2	AV2	0.03			TEH	TEC
22	31	2.21	0	PCT	28	P2	AV3	0.21			TEH	TEC
22	36	1.77	99	DSI		P1	01H	0.08			TEH	TEC
22	36	0.99	102	MAI		3	01H	0.00			01H	01H
22	39	0.43	44	DSI		P1	01H	-0.03			TEH	TEC
22	40	1.36	113	DSI		P1	01H	-0.08			TEH	TEC
22	40	0.58	110	MAI		3	01H	0.00			01H	01H
22	41	0.34	85	DSI		P1	01H	0.00			TEH	TEC
22	43	0.56	112	DSI		P1	01H	0.00			TEH	TEC
22	44	0.96	46	DSI		P1	01H	-0.06			TEH	TEC
22	45	0.90	91	DSI		P1	01H	-0.14			TEH	TEC
22	47	0.51	121	DSI		P1	01H	-0.11			TEH	TEC
22	49	0.29	40	DSI		P1	01H	0.03			TEH	TEC
22	53	0.64	77	DSI		P1	01H	-0.08			TEH	TEC
22	53	0.19	116	SAI		3	03H	0.31			03H	03H
22	55	2.17	88	DSI		P1	01H	-0.15			07C	TEH
22	55	0.61	103	MAI		3	01H	-0.12			01H	01H
22	58	0.68	112	DSI		P1	01H	0.06			TEH	TEC
22	68	1.40	84	DSI		P1	01H	0.03			07C	TEH
22	69	1.19	103	DSI		P1	01H	0.00			07C	TEH
22	69	0.74	104	DSI		P1	02H	-0.15			07C	TEH
22	73	0.88	24	DSI		P1	01H	0.00			TEH	TEC
22	73	0.62	87	DSI		P1	02H	0.17			TEH	TEC
22	74	2.26	89	DSI		P1	01H	0.06			07C	TEH

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Row	Col	Volts	Phase	Ind	PCT	Chan	Loc	Inch1	Inch2	Degrees	From	To
22	74	1.16	95	MAI		3	01H	0.15			01H	01H
22	78	0.47	80	DSI		P1	01H	0.08			TEH	TEC
22	81	0.60	40	DSI		P1	01H	0.06			TEH	TEC
22	82	0.32	76	DSI		P1	01H	0.06			TEH	TEC
22	85	0.41	63	DSI		P1	02H	0.06			TEH	TEC
22	87	0.42	59	DSI		P1	02H	0.11			TEH	TEC
23	8	0.52	56	VOL		3	01C	0.07			01C	01C
23	8	1.02	0	PCT	24	2	01C	0.13			01C	01C
23	9	1.15	96	DSI		P1	01H	0.11			TEH	TEC
23	9	0.61	37	DSI		P1	03H	0.03			TEH	TEC
23	13	0.46	36	DSI		P1	01H	0.00			TEH	TEC
23	13	0.66	36	DSI		P1	02H	-0.06			TEH	TEC
23	20	0.58	106	DSI		P1	01H	0.00			TEH	TEC
23	22	0.68	41	DSI		P1	01H	0.06			TEH	TEC
23	23	1.03	88	DSI		P1	01H	0.17			TEH	TEC
23	24	0.58	108	DSI		P1	02H	0.03			TEH	TEC
23	25	0.39	47	DSI		P1	01H	-0.03			TEH	TEC
23	29	0.54	91	DSI		P1	01H	0.06			TEH	TEC
23	29	2.07	83	DSI		P1	02H	-0.03			TEH	TEC
23	29	0.58	98	DSI		P1	03H	-0.14			TEH	TEC
23	29	0.48	117	MAI		3	02H	0.00			02H	02H
23	34	0.74	97	DSI		P1	01H	0.00			TEH	TEC
23	34	0.46	108	DSI		P1	02H	-0.08			TEH	TEC
23	34	0.27	116	SAI		3	02H	0.00			02H	02H
23	36	0.33	105	DSI		P1	01H	-0.03			TEH	TEC
23	36	0.30	110	DSI		P1	02H	-0.08			TEH	TEC
23	38	0.25	81	DSI		P1	01H	0.03			TEH	TEC
23	42	1.39	96	DSI		P1	01H	0.00			TEH	TEC
23	42	0.88	106	MAI		3	01H	0.00			01H	01H
23	47	0.67	110	DSI		P1	01H	-0.08			TEH	TEC
23	52	0.18	114	SAI		3	TSH	0.58	0.41		TSH	TSH
23	56	0.72	95	DSI		P1	01H	0.00			TEH	TEC
23	57	0.56	90	DSI		P1	01H	0.08			TEH	TEC
23	62	0.69	49	DSI		P1	01H	0.03			TEH	TEC
23	65	0.46	90	DSI		P1	01H	0.11			TEH	TEC
23	65	0.23	52	DSI		P1	03H	0.06			TEH	TEC
23	66	0.41	64	DSI		P1	02H	-0.06			TEH	TEC
23	67	0.65	74	DSI		P1	01H	0.00			TEH	TEC
23	67	0.42	76	DSI		P1	02H	-0.03			TEH	TEC
23	71	0.95	64	DSI		P1	01H	0.14			TEH	TEC
23	78	0.46	38	DSI		P1	01H	0.00			TEH	TEC
23	78	0.48	43	DSI		P1	02H	0.03			TEH	TEC
24	8	1.23	0	PCT	26	2	02C	0.04			02C	02C
24	8	0.61	60	VOL		3	02C	0.10			02C	02C
24	8	1.89	0	PCT	32	2	01C	-0.03			01C	01C
24	8	0.56	73	VOL		3	01C	-0.01			01C	01C
24	11	0.67	47	DSI		P1	05H	0.06			TEH	TEC
24	12	0.68	32	DSI		P1	03H	-0.03			TEH	TEC
24	16	0.43	36	DSI		P1	01H	0.00			TEH	TEC
24	17	0.39	23	DSI		P1	01H	0.00			TEH	TEC
24	18	0.31	53	DSI		P1	02H	-0.06			TEH	TEC

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Row	Col	Volts	Phase	Ind	PCT	Chan	Loc	Inch1	Inch2	Degrees	From	To
24	21	0.54	55	DSI		P1	01H	0.00			TEH	TEC
24	22	0.34	47	DSI		P1	01H	0.03			TEH	TEC
24	27	0.39	84	DSI		P1	01H	-0.03			TEH	TEC
24	31	1.48	83	DSI		P1	01H	0.11			TEH	TEC
24	31	0.40	101	MAI		3	01H	0.00			01H	01H
24	38	0.37	123	DSI		P1	01H	0.11			TEH	TEC
24	40	0.52	111	DSI		P1	01H	0.03			TEH	TEC
24	40	1.08	84	DSI		P1	02H	0.00			TEH	TEC
24	45	1.72	17	DSI		P1	02H	-0.03			TEC	TEH
24	45	1.08	176	DSI		P1	03H	-0.09			TEC	TEH
24	45	0.53	101	SAI		3	02H	0.00			02H	02H
24	45	0.12	103	SAI		3	03H	0.00			03H	03H
24	51	3.17	0	PCT	32	P2	AV1	0.00			TEH	TEC
24	51	2.02	0	PCT	26	P2	AV2	0.00			TEH	TEC
24	51	1.62	0	PCT	23	P2	AV3	0.00			TEH	TEC
24	51	2.19	0	PCT	28	P2	AV4	-0.03			TEH	TEC
24	52	0.40	65	DSI		P1	01H	0.08			TEH	TEC
24	53	0.54	130	DSI		P1	02H	-0.05			TEH	TEC
24	54	1.10	45	DSI		P1	01H	0.08			TEH	TEC
24	54	0.30	84	DSI		P1	02H	-0.06			TEH	TEC
24	58	0.59	89	DSI		P1	02H	0.03			TEH	TEC
24	60	1.13	89	DSI		P1	01H	0.22			TEH	TEC
24	60	0.48	69	DSI		P1	02H	0.00			TEH	TEC
24	64	0.21	95	DSI		P1	02H	-0.03			TEH	TEC
24	66	0.58	109	DSI		P1	01H	-0.14			TEH	TEC
24	66	0.26	89	DSI		P1	02H	0.00			TEH	TEC
24	68	1.53	0	PCT	24	P2	AV2	0.00			TEH	TEC
24	70	0.53	72	DSI		P1	02H	0.00			TEH	TEC
24	72	3.03	94	DSI		P1	01H	0.00			07C	TEH
24	72	2.42	98	DSI		P1	02H	-0.06			07C	TEH
24	72	1.03	101	MAI		3	01H	-0.11			01H	01H
24	72	0.67	97	MAI		3	02H	0.01			02H	02H
24	73	0.69	40	DSI		P1	02H	0.08			TEH	TEC
24	74	0.52	45	DSI		P1	01H	0.00			TEH	TEC
24	74	0.52	83	DSI		P1	02H	-0.03			TEH	TEC
24	79	1.23	45	DSI		P1	02H	0.00			TEH	TEC
24	79	0.49	106	MAI		3	02H	0.00			02H	02H
25	11	0.52	66	VOL		3	01C	-0.01			01C	01C
25	11	1.40	0	PCT	28	2	01C	0.04			01C	01C
25	14	0.88	38	DSI		P1	01H	-0.03			TEH	TEC
25	14	1.02	81	DSI		P1	02H	0.06			TEH	TEC
25	14	0.81	49	DSI		P1	03H	0.00			TEH	TEC
25	19	0.57	87	DSI		P1	02H	-0.06			TEH	TEC
25	19	1.22	37	DSI		P1	03H	0.00			TEH	TEC
25	19	0.10	115	SAI		3	03H	0.00			03H	03H
25	20	0.69	35	DSI		P1	01H	0.00			TEH	TEC
25	21	0.54	102	DSI		P1	01H	-0.06			TEH	TEC
25	22	0.44	72	DSI		P1	01H	0.03			TEH	TEC
25	32	0.64	41	DSI		P1	01H	0.09			TEH	TEC
25	36	0.78	76	DSI		P1	01H	-0.08			TEH	TEC
25	36	0.33	110	DSI		P1	02H	0.00			TEH	TEC

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Row	Col	Volts	Phase	Ind	PCT	Chan	Loc	Inch1	Inch2	Degrees	From	To
25	38	0.40	47	DSI		P1	02H	-0.06			TEH	TEC
25	41	0.59	85	DSI		P1	01H	0.06			TEH	TEC
25	42	0.41	95	DSI		P1	01H	0.03			TEH	TEC
25	42	0.45	45	DSI		P1	02H	0.00			TEH	TEC
25	43	0.43	66	DSI		P1	01H	0.00			TEH	TEC
25	45	0.79	47	DSI		P1	01H	0.00			TEH	TEC
25	46	0.43	93	DSI		P1	01H	0.19			TEH	TEC
25	48	1.18	76	DSI		P1	01H	-0.03			TEH	TEC
25	48	0.70	43	DSI		P1	02H	0.11			TEH	TEC
25	48	1.33	81	MAI		3	01H	-0.08			01H	01H
25	51	1.45	100	DSI		P1	01H	0.00			TEH	TEC
25	51	0.64	99	SAI		3	01H	0.00			01H	01H
25	53	0.42	67	DSI		P1	01H	0.11			TEH	TEC
25	55	0.31	55	DSI		P1	02H	0.00			TEH	TEC
25	55	0.28	53	DSI		P1	03H	0.11			TEH	TEC
25	59	0.64	55	DSI		P1	01H	0.03			TEH	TEC
25	59	0.38	92	DSI		P1	02H	-0.03			TEH	TEC
25	61	1.07	83	DSI		P1	01H	0.11			TEH	TEC
25	64	0.62	72	DSI		P1	01H	-0.03			TEH	TEC
25	65	3.03	0	PCT	32	P2	AV3	0.22			TEH	TEC
25	65	2.93	0	PCT	31	P2	AV4	0.00			TEH	TEC
25	66	0.53	50	DSI		P1	01H	-0.06			TEH	TEC
25	71	0.59	61	DSI		P1	02H	0.08			TEH	TEC
25	78	0.61	52	DSI		P1	02H	0.05			TEH	TEC
25	78	1.13	43	DSI		P1	04H	0.00			TEH	TEC
25	78	0.15	104	SAI		3	04H	0.20			04H	04H
25	79	1.18	79	DSI		P1	01H	0.06			TEH	TEC
25	79	0.49	46	DSI		P1	02H	0.00			TEH	TEC
25	79	0.59	109	MAI		3	01H	0.00			01H	01H
26	11	1.63	90	DSI		P1	01H	0.00			TEH	TEC
26	11	0.71	66	DSI		P1	03H	0.03			TEH	TEC
26	11	0.45	110	MAI		3	01H	-0.03			01H	01H
26	13	0.64	159	DSI		P1	01H	0.08			TEH	TEC
26	18	0.25	55	DSI		P1	02H	-0.06			TEH	TEC
26	23	0.66	39	DSI		P1	01H	0.03			TEH	TEC
26	26	0.91	65	DSI		P1	01H	0.06			TEH	TEC
26	29	0.48	59	DSI		P1	01H	0.06			TEH	TEC
26	30	0.99	75	DSI		P1	01H	0.00			TEH	TEC
26	32	1.26	115	DSI		P1	01H	0.24			TEH	TEC
26	32	0.82	147	DSI		P1	02H	-0.12			TEH	TEC
26	32	0.40	126	SAI		3	01H	0.00			01H	01H
26	32	0.29	124	SAI		3	02H	0.00			02H	02H
26	33	0.21	53	DSI		P1	01H	0.03			TEH	TEC
26	34	0.68	0	PCT	12	P2	AV1	0.00			TEH	TEC
26	34	1.59	0	PCT	23	P2	AV2	-0.03			TEH	TEC
26	34	1.65	0	PCT	23	P2	AV3	0.06			TEH	TEC
26	34	3.09	0	PCT	32	P2	AV4	0.00			TEH	TEC
26	34	1.90	0	PCT	25	P2	AV4	0.06			TEH	TEC
26	36	0.58	84	DSI		P1	01H	0.00			TEH	TEC
26	50	0.46	57	DSI		P1	01H	0.08			TEH	TEC
26	51	1.78	108	DSI		P1	01H	0.30			TEH	TEC

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Row	Col	Volts	Phase	Ind	PCT	Chan	Loc	Inch1	Inch2	Degrees	From	To
26	51	1.06	105	SAI		3	01H	0.30			01H	01H
26	55	0.95	47	DSI		P1	01H	0.08			TEH	TEC
26	62	2.08	89	DSI		P1	01H	-0.03			07C	TEH
26	62	1.46	93	SAI		3	01H	-0.06			01H	01H
26	65	0.38	70	DSI		P1	02H	0.11			TEH	TEC
26	67	0.53	74	DSI		P1	01H	0.03			TEH	TEC
26	67	1.03	68	DSI		P1	02H	0.19			TEH	TEC
26	70	0.62	52	DSI		P1	01H	0.14			TEH	TEC
26	82	0.58	37	DSI		P1	02H	0.11			TEH	TEC
27	10	0.16	63	DSI		P1	01H	0.11			TEH	TEC
27	15	0.81	49	DSI		P1	01H	-0.06			TEH	TEC
27	19	0.72	55	DSI		P1	01H	-0.06			TEH	TEC
27	19	0.57	45	DSI		P1	02H	0.11			TEH	TEC
27	21	0.41	129	DSI		P1	01H	0.14			TEH	TEC
27	21	0.42	68	DSI		P1	02H	0.00			TEH	TEC
27	26	0.69	69	DSI		P1	03H	-0.08			TEH	TEC
27	27	0.86	45	DSI		P1	01H	-0.06			TEH	TEC
27	27	0.55	39	DSI		P1	03H	0.11			TEH	TEC
27	31	0.53	73	DSI		P1	01H	0.08			TEH	TEC
27	32	0.74	92	DSI		P1	01H	0.12			TEH	TEC
27	33	0.29	71	DSI		P1	01H	0.06			TEH	TEC
27	34	3.49	101	DSI		P1	01H	0.18			07C	TEH
27	34	1.59	107	DSI		P1	02H	0.15			07C	TEH
27	34	0.94	91	SAI		3	01H	0.10			01H	01H
27	37	0.76	62	DSI		P1	01H	0.08			TEH	TEC
27	38	0.71	49	DSI		P1	01H	0.06			TEH	TEC
27	40	16.39	183	DTI		P1	TSH	0.31			TSH	TEC
27	40	0.75	91	DSI		P1	01H	0.19			TSH	TEC
27	40	0.58	100	DSI		P1	02H	-0.03			TSH	TEC
27	40	16.77	189	DTI		P1	TSH	0.29			TEH	TEC
27	40	0.71	91	DSI		P1	01H	0.15			TEH	TEC
27	40	0.56	108	DSI		P1	02H	-0.03			TEH	TEC
27	40	0.45	102	SAI		3	TSH	0.42	0.11		TSH	TSH
27	40	0.44	102	MAI		3	01H	0.04			01H	01H
27	40	0.31	119	MAI		3	02H	0.00			02H	02H
27	44	0.91	115	DSI		P1	01H	0.06			TEH	TEC
27	45	0.40	54	DSI		P1	01H	0.08			TEH	TEC
27	53	0.81	121	DSI		P1	01H	0.08			TEH	TEC
27	54	0.97	45	DSI		P1	01H	0.08			TEH	TEC
27	54	0.20	110	SAI		3	01H	0.04			01H	01H
27	59	0.71	48	DSI		P1	01H	0.08			TEH	TEC
27	59	0.83	51	DSI		P1	02H	0.08			TEH	TEC
27	63	0.87	61	DSI		P1	01H	0.08			TEH	TEC
27	66	0.95	53	DSI		P1	01H	0.00			TEH	TEC
27	66	0.27	20	DSI		P1	02H	0.00			TEH	TEC
27	67	0.37	140	DSI		P1	02H	0.11			TEH	TEC
27	72	3.11	90	DSI		P1	01H	0.27			07C	TEH
27	72	1.78	112	DSI		P1	02H	-0.03			07C	TEH
27	72	1.29	102	DSI		P1	03H	-0.03			07C	TEH
27	72	0.40	112	MAI		3	03H	0.00			03H	03H
27	72	0.98	107	SAI		3	01H	-0.06			01H	01H

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RC-E-1A
(TUBES WITH INDICATIONS)

Row	Col	Volts	Phase	Ind	PCT	Chan	Loc	Inch1	Inch2	Degrees	From	To
27	75	0.65	102	DSI		P1	04H	-0.06			TEH	TEC
27	79	0.25	126	DSI		P1	02H	-0.03			TEH	TEC
27	85	0.91	46	VOL		3	02C	-0.05			02C	02C
27	85	1.71	0	PCT	33	2	02C	0.00			02C	02C
27	85	0.29	202	VOL		3	01C	0.01			01C	01C
27	85	1.64	0	PCT	32	2	01C	0.06			01C	01C
28	12	0.48	137	PCT	2	P1	03C	0.08			TEH	TEC
28	13	0.99	130	PCT	20	P1	02C	0.00			TEH	TEC
28	14	0.58	126	DSI		P1	01H	0.11			TEH	TEC
28	15	0.41	66	DSI		P1	01H	0.00			TEH	TEC
28	17	0.83	52	DSI		P1	01H	0.00			TEH	TEC
28	17	0.68	29	DSI		P1	03H	-0.03			TEH	TEC
28	21	1.17	102	DSI		P1	01H	0.00			TEH	TEC
28	21	1.08	83	DSI		P1	02H	0.08			TEH	TEC
28	21	0.56	105	DSI		P1	03H	0.00			TEH	TEC
28	27	0.70	67	DSI		P1	01H	-0.06			TEH	TEC
28	28	0.57	154	DSI		P1	02H	0.03			TEH	TEC
28	32	0.66	54	DSI		P1	01H	0.03			TEH	TEC
28	32	0.45	89	DSI		P1	02H	0.09			TEH	TEC
28	34	0.73	46	DSI		P1	03H	0.03			TEH	TEC
28	36	0.47	118	DSI		P1	01H	0.06			TSH	TEC
28	36	0.66	115	DSI		P1	02H	-0.06			TSH	TEC
28	36	0.47	131	DSI		P1	01H	0.15			TEH	TEC
28	36	0.66	111	DSI		P1	02H	-0.15			TEH	TEC
28	36	0.46	110	SAI		3	01H	0.00			01H	01H
28	36	0.22	121	MAI		3	02H	0.00			02H	02H
28	40	0.32	108	DSI		P1	02H	-0.03			TEH	TEC
28	41	0.96	99	DSI		P1	01H	0.03			TEH	TEC
28	41	1.20	113	DSI		P1	02H	-0.14			TEH	TEC
28	41	0.38	112	SAI		3	02H	0.00			02H	02H
28	43	0.62	61	DSI		P1	01H	0.06			TEH	TEC
28	44	0.43	78	DSI		P1	02H	0.11			TEH	TEC
28	46	1.04	120	DSI		P1	01H	-0.17			TEH	TEC
28	46	0.75	81	DSI		P1	02H	0.11			TEH	TEC
28	48	1.12	37	DSI		P1	01H	0.06			TEH	TEC
28	48	0.39	111	SAI		3	01H	0.00			01H	01H
28	54	0.44	93	DSI		P1	01H	0.03			TEH	TEC
28	54	0.86	11	DSI		P1	02H	0.11			TEH	TEC
28	56	0.69	86	DSI		P1	01H	0.11			TEH	TEC
28	57	0.88	44	DSI		P1	02H	0.08			TEH	TEC
28	59	1.72	109	DSI		P1	01H	-0.03			TEH	TEC
28	59	0.61	127	DSI		P1	02H	-0.14			TEH	TEC
28	59	0.70	109	MAI		3	01H	0.00			01H	01H
28	60	2.14	94	DSI		P1	01H	-0.03			TEH	TEC
28	60	0.29	65	DSI		P1	03H	-0.03			TEH	TEC
28	60	1.11	101	MAI		3	01H	0.00			01H	01H
28	61	0.58	34	DSI		P1	01H	-0.03			TEH	TEC
28	62	0.30	125	DSI		P1	01H	0.06			TEH	TEC
28	63	0.99	101	DSI		P1	01H	0.06			TEH	TEC
28	63	0.27	106	DSI		P1	02H	-0.11			TEH	TEC
28	67	0.27	80	DSI		P1	02H	0.03			TEH	TEC

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RC-E-1A
(TUBES WITH INDICATIONS)

Row	Col	Volts	Phase	Ind	PCT	Chan	Loc	Inch1	Inch2	Degrees	From	To
28	68	0.53	49	DSI		P1	02H	0.08			TEH	TEC
28	69	0.69	60	DSI		P1	02H	0.08			TEH	TEC
28	70	1.88	102	DSI		P1	01H	0.16			TEH	TEC
28	70	1.42	76	DSI		P1	02H	0.05			TEH	TEC
28	70	0.53	114	DSI		P1	03H	0.06			TEH	TEC
28	70	0.61	108	SAI		3	01H	0.00			01H	01H
28	70	0.51	104	MAI		3	02H	0.00			02H	02H
28	71	0.50	62	DSI		P1	01H	0.00			TEH	TEC
28	71	0.85	48	DSI		P1	02H	0.11			TEH	TEC
28	71	0.65	37	DSI		P1	03H	0.03			TEH	TEC
28	72	0.72	39	DSI		P1	01H	0.08			TEH	TEC
28	75	0.49	47	DSI		P1	02H	0.08			TEH	TEC
28	78	0.19	60	DSI		P1	01H	0.14			TEH	TEC
28	79	0.51	118	DSI		P1	01H	0.03			TEH	TEC
28	83	0.42	93	DSI		P1	04H	0.00			TEH	TEC
28	84	0.44	127	PCT	27	P1	01C	-0.22			TEH	TEC
28	85	0.53	0	PCT	19	2	01C	-0.10			01C	01C
28	85	0.34	48	VOL		3	01C	0.00			01C	01C
29	14	0.89	135	PCT	6	P1	01C	-0.22			TEH	TEC
29	15	1.08	136	DSI		P1	02H	0.06			TEH	TEC
29	15	0.35	39	DSI		P1	03H	-0.03			TEH	TEC
29	21	0.95	70	DSI		P1	01H	0.03			TEH	TEC
29	21	0.92	81	DSI		P1	02H	0.06			TEH	TEC
29	21	0.64	46	DSI		P1	03H	0.06			TEH	TEC
29	23	0.90	63	DSI		P1	01H	0.06			TEH	TEC
29	23	0.93	75	DSI		P1	02H	0.00			TEH	TEC
29	28	1.12	34	DSI		P1	03H	0.00			TEH	TEC
29	28	0.41	102	SAI		3	03H	0.00			03H	03H
29	34	2.02	0	PCT	26	P2	AV4	0.00			TEH	TEC
29	36	1.13	29	DSI		P1	01H	0.03			TEH	TEC
29	36	1.33	22	DSI		P1	02H	0.00			TEH	TEC
29	36	0.24	125	MAI		3	01H	0.00			01H	01H
29	36	0.18	113	SAI		3	02H	-0.03			02H	02H
29	41	0.58	50	DSI		P1	01H	0.06			07C	TEH
29	41	0.17	66	SAI		3	TSH	0.30	0.03		TSH	TSH
29	41	0.33	109	SAI		3	01H	0.00			01H	01H
29	43	0.99	0	PCT	17	P2	AV4	-0.03			07H	TEC
29	44	1.31	67	DSI		P1	01H	0.00			07H	TEH
29	44	0.82	109	MAI		3	01H	0.00			01H	01H
29	46	0.88	78	DSI		P1	01H	0.03			07H	TEH
29	47	0.79	30	DSI		P1	01H	-0.03			07H	TEH
29	47	0.77	166	DSI		P1	04H	0.18			07H	TEH
29	47	0.80	31	DSI		P1	01H	-0.03			TEH	TEC
29	47	0.14	93	MAI		3	04H	0.29			04H	04H
29	50	0.39	46	DSI		P1	01H	-0.03			07H	TEH
29	51	0.93	46	DSI		P1	01H	-0.03			07H	TEH
29	52	0.49	76	DSI		P1	02H	-0.06			07H	TEH
29	54	0.53	29	DSI		P1	01H	-0.09			07H	TEH
29	59	1.58	98	DSI		P1	01H	0.15			07H	TEH
29	59	1.19	98	DSI		P1	02H	0.00			07H	TEH
29	59	0.57	101	SAI		3	01H	0.11			01H	01H

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RC-E-1A
(TUBES WITH INDICATIONS)

Row	Col	Volts	Phase	Ind	PCT	Chan	Loc	Inch1	Inch2	Degrees	From	To
29	59	0.46	104	SAI		3	02H	0.00			02H	02H
29	60	2.31	0	PCT	29	P2	AV2	0.15			07H	TEC
29	60	4.12	0	PCT	36	P2	AV3	0.12			07H	TEC
29	60	2.15	0	PCT	28	P2	AV4	0.41			07H	TEC
29	60	0.91	61	DSI		P1	01H	-0.06			07H	TEH
29	61	0.87	72	DSI		P1	01H	0.06			07H	TEH
29	61	0.30	106	DSI		P1	02H	0.00			07H	TEH
29	62	0.30	51	DSI		P1	01H	0.08			TEH	TEC
29	62	0.31	153	DSI		P1	02H	0.00			TEH	TEC
29	63	0.74	85	DSI		P1	01H	0.00			TEH	TEC
29	63	1.53	91	DSI		P1	02H	-0.06			TEH	TEC
29	63	0.29	127	MAI		3	02H	0.00			02H	02H
29	64	0.67	38	DSI		P1	01H	0.03			TEH	TEC
29	67	0.61	57	DSI		P1	02H	0.03			TEH	TEC
29	69	0.33	49	DSI		P1	01H	0.08			TEH	TEC
29	83	0.36	145	PCT	0	P1	03C	-0.22			TEH	TEC
29	84	0.92	135	PCT	16	P1	03C	-0.11			TEH	TEC
30	13	0.64	64	VOL		3	02C	0.05			02C	02C
30	13	1.17	0	PCT	25	2	02C	0.09			02C	02C
30	14	1.17	131	PCT	14	P1	01C	-0.25			TEH	TEC
30	15	0.90	133	DSI		P1	01H	0.22			TEH	TEC
30	15	16.25	325	PSI		8	07C	0.00			TEH	TEC
30	15	0.60	156	CSI		9	07C	0.00		30	07C	07C
30	16	0.90	35	DSI		P1	01H	0.06			TEH	TEC
30	16	0.19	127	SAI		3	01H	-0.10			01H	01H
30	16	1.32	0	PCT	27	2	01C	-0.15			01C	01C
30	16	0.97	42	VOL		3	01C	-0.09			01C	01C
30	19	1.07	29	DSI		P1	01H	0.00			TEH	TEC
30	19	0.12	113	SAI		3	01H	0.00			01H	01H
30	22	0.37	102	DSI		P1	02H	0.08			TEH	TEC
30	24	0.35	70	DSI		P1	01H	0.06			TEH	TEC
30	24	1.02	73	DSI		P1	03H	-0.14			TEH	TEC
30	29	0.95	57	DSI		P1	01H	-0.06			TEH	TEC
30	33	0.86	59	DSI		P1	02H	-0.03			TEH	TEC
30	35	0.74	144	DSI		P1	01H	0.06			TEH	TEC
30	36	4.36	97	DSI		P1	01H	0.00			07C	TEH
30	36	2.65	99	DSI		P1	02H	0.00			07C	TEH
30	36	0.23	72	SAI		3	TSH	-0.21	-0.39		TSH	TSH
30	36	1.05	103	MAI		3	01H	0.06			01H	01H
30	36	0.87	100	MAI		3	02H	0.07			02H	02H
30	37	0.17	67	DSI		P1	01H	0.06			TEH	TEC
30	38	0.68	86	DSI		P1	02H	0.06			TEH	TEC
30	39	0.90	101	DSI		P1	01H	-0.09			07C	TEH
30	39	3.00	90	DSI		P1	02H	0.00			07C	TEH
30	39	0.36	110	SAI		3	01H	0.00			01H	01H
30	39	0.84	108	MAI		3	02H	-0.03			02H	02H
30	42	1.17	53	DSI		P1	01H	0.00			TEH	TEC
30	43	4.10	91	DSI		P1	01H	0.06			07C	TEH
30	43	2.36	119	DSI		P1	04H	-0.30			07C	TEH
30	43	2.24	114	DSI		P1	05H	0.27			07C	TEH
30	43	1.15	0	PCT	20	P2	AV2	0.00			07C	TEH

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RC-E-1A
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Row	Col	Volts	Phase	Ind	PCT	Chan	Loc	Inch1	Inch2	Degrees	From	To
30	43	4.48	91	DSI		P1	01H	0.06			07C	TEH
30	43	2.28	111	DSI		P1	05H	0.21			07C	TEH
30	43	1.11	32	PCT	17	P2	AV2	0.09			07C	TEH
30	43	0.35	126	SAI		3	04H	0.00			04H	04H
30	43	0.26	110	SAI		3	05H	0.00			05H	05H
30	43	1.24	96	MAI		3	01H	0.00			01H	01H
30	43	0.89	104	MAI		3	02H	-0.01			02H	02H
30	45	0.78	63	DSI		P1	02H	0.12			07H	TEH
30	48	0.56	59	DSI		P1	01H	0.06			07H	TEH
30	51	0.94	33	DSI		P1	02H	0.00			07H	TEH
30	51	0.40	122	SAI		3	02H	0.00			02H	02H
30	53	1.56	0	PCT	22	P2	AV1	0.00			07H	TEC
30	53	3.17	0	PCT	32	P2	AV2	0.00			07H	TEC
30	55	1.09	51	DSI		P1	01H	-0.06			07H	TEH
30	61	0.55	36	DSI		P1	01H	-0.09			07H	TEH
30	70	0.37	81	DSI		P1	02H	0.08			TEH	TEC
30	74	0.76	62	DSI		P1	01H	0.05			TEH	TEC
30	75	0.80	43	DSI		P1	01H	0.06			TEH	TEC
30	75	0.30	42	DSI		P1	02H	0.06			TEH	TEC
30	81	0.81	124	PCT	25	P1	03C	-0.14			TEH	TEC
31	20	1.37	52	DSI		P1	01H	-0.03			TEH	TEC
31	20	0.27	130	MAI		3	01H	0.00			01H	01H
31	22	0.50	42	DSI		P1	02H	-0.06			TEH	TEC
31	30	0.58	61	DSI		P1	02H	-0.03			TEH	TEC
31	32	0.37	89	DSI		P1	01H	0.03			TEH	TEC
31	35	1.11	0	PCT	15	P2	AV2	0.28			TEH	TEC
31	35	0.91	0	PCT	13	P2	AV4	-0.22			TEH	TEC
31	36	0.67	69	DSI		P1	01H	0.06			TEH	TEC
31	39	1.25	90	DSI		P1	02H	0.08			TEH	TEC
31	39	0.65	91	MAI		3	02H	0.00			02H	02H
31	41	0.57	122	DSI		P1	01H	0.33			TEH	TEC
31	41	0.36	80	DSI		P1	02H	-0.08			TEH	TEC
31	42	1.40	100	DSI		P1	01H	0.11			TEH	TEC
31	42	0.71	68	DSI		P1	02H	0.08			TEH	TEC
31	42	0.51	113	SAI		3	01H	0.00			01H	01H
31	44	0.43	54	DSI		P1	01H	0.03			07H	TEH
31	50	0.60	41	DSI		P1	01H	-0.15			07H	TEH
31	52	0.41	78	DSI		P1	01H	0.03			07H	TEH
31	52	0.76	60	DSI		P1	02H	-0.06			07H	TEH
31	54	0.32	54	DSI		P1	01H	0.00			07H	TEH
31	54	0.49	27	DSI		P1	02H	0.00			07H	TEH
31	56	0.90	45	DSI		P1	01H	0.00			07H	TEH
31	56	0.41	119	SAI		3	01H	0.00			01H	01H
31	59	0.60	50	DSI		P1	01H	-0.09			07H	TEH
31	60	0.88	114	DSI		P1	02H	-0.18			07H	TEH
31	60	0.20	5	DSI		P1	03H	-0.03			07H	TEH
31	60	0.24	112	SAI		3	03H	0.00			03H	03H
31	62	1.69	101	DSI		P1	01H	0.00			TEH	TEC
31	62	1.30	99	SAI		3	01H	0.00			01H	01H
31	67	0.16	77	SAI		3	TSH	-0.63	-0.78		TSH	TSH
31	68	0.66	99	DSI		P1	01H	0.11			TEH	TEC

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RC-E-1A
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Row	Col	Volts	Phase	Ind	PCT	Chan	Loc	Inch1	Inch2	Degrees	From	To
31	68	1.62	78	DSI		P1	02H	0.00			TEH	TEC
31	68	0.98	97	SAI		3	02H	0.00			02H	02H
31	69	1.41	28	PCT	21	P2	AV1	0.03			TEH	TEC
31	70	0.60	66	DSI		P1	01H	0.33			TEH	TEC
31	72	0.43	119	DSI		P1	01H	0.22			TEH	TEC
31	74	0.38	34	DSI		P1	01H	0.05			TEH	TEC
32	16	1.75	0	PCT	31	2	01C	-0.08			01C	01C
32	16	1.51	46	VOL		3	01C	-0.05			01C	01C
32	22	0.66	101	DSI		P1	02H	0.00			TEH	TEC
32	24	0.40	48	DSI		P1	01H	0.00			TEH	TEC
32	34	1.05	45	DSI		P1	01H	0.17			TEH	TEC
32	34	0.34	120	SAI		3	01H	0.00			01H	01H
32	35	0.39	48	DSI		P1	01H	0.03			TEH	TEC
32	38	0.60	70	DSI		P1	01H	0.06			TEH	TEC
32	38	0.68	34	DSI		P1	02H	-0.03			TEH	TEC
32	43	11.96	342	PSI		8	07H	0.00			07H	TEH
32	45	1.08	63	DSI		P1	01H	0.00			07H	TEH
32	46	0.31	56	DSI		P1	02H	-0.09			07H	TEH
32	49	0.35	32	DSI		P1	02H	0.00			07H	TEH
32	51	0.99	92	DSI		P1	01H	-0.15			07H	TEH
32	52	0.46	65	DSI		P1	01H	-0.06			07H	TEH
32	54	1.19	87	DSI		P1	01H	0.00			07H	TEH
32	54	0.50	106	MAI		3	01H	-0.06			01H	01H
32	61	0.50	25	DSI		P1	01H	-0.06			07H	TEH
32	62	0.33	63	DSI		P1	01H	0.00			TEH	TEC
33	17	0.73	141	PCT	4	P1	03C	-0.06			TEH	TEC
33	23	0.72	20	DSI		P1	02H	0.06			TEH	TEC
33	27	0.48	63	DSI		P1	01H	-0.03			TEH	TEC
33	28	0.25	103	DSI		P1	01H	0.03			TEH	TEC
33	33	0.84	89	DSI		P1	01H	0.12			TEH	TEC
33	36	0.42	58	DSI		P1	02H	-0.06			TEH	TEC
33	37	0.47	74	DSI		P1	01H	0.17			TEH	TEC
33	38	0.79	43	DSI		P1	01H	0.00			TEH	TEC
33	40	0.26	73	DSI		P1	01H	0.11			TEH	TEC
33	40	0.67	52	DSI		P1	02H	0.08			TEH	TEC
33	40	0.63	42	DSI		P1	03H	0.08			TEH	TEC
33	40	0.39	114	SAI		3	02H	0.00			02H	02H
33	43	1.23	0	PCT	20	P2	AV1	0.00			07H	TEC
33	43	1.31	0	PCT	21	P2	AV2	0.00			07H	TEC
33	43	2.08	0	PCT	27	P2	AV3	-0.11			07H	TEC
33	43	1.40	0	PCT	22	P2	AV4	0.00			07H	TEC
33	43	0.82	82	DSI		P1	01H	0.00			07H	TEH
33	50	0.36	77	DSI		P1	01H	0.00			07H	TEH
33	52	1.05	0	PCT	18	P2	AV4	0.00			07H	TEC
33	53	0.55	65	DSI		P1	02H	0.00			07H	TEH
33	66	0.58	31	DSI		P1	02H	0.06			TEH	TEC
33	67	0.32	98	DSI		P1	01H	0.14			TEH	TEC
34	17	0.58	0	PCT	18	2	02C	-0.04			02C	02C
34	17	0.34	50	VOL		3	02C	0.01			02C	02C
34	17	0.91	55	VOL		3	01C	-0.02			01C	01C
34	17	1.34	0	PCT	27	2	01C	-0.01			01C	01C

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RC-E-1A
(TUBES WITH INDICATIONS)

Row	Col	Volts	Phase	Ind	PCT	Chan	Loc	Inch1	Inch2	Degrees	From	To
34	19	0.51	129	PCT	22	P1	02C	-0.17			TEH	TEC
34	20	0.70	110	DSI		P1	01H	0.03			TEH	TEC
34	20	0.48	79	DSI		P1	02H	0.06			TEH	TEC
34	27	0.67	69	DSI		P1	01H	0.00			TEH	TEC
34	27	0.91	50	DSI		P1	02H	0.11			TEH	TEC
34	28	0.52	73	DSI		P1	01H	0.00			TEH	TEC
34	28	0.43	55	DSI		P1	02H	0.00			TEH	TEC
34	29	0.68	63	DSI		P1	01H	0.08			TEH	TEC
34	29	0.82	58	DSI		P1	02H	-0.06			TEH	TEC
34	30	1.09	49	DSI		P1	01H	0.00			TEH	TEC
34	31	0.51	92	DSI		P1	01H	0.00			TEH	TEC
34	31	0.54	102	DSI		P1	02H	0.05			TEH	TEC
34	32	1.25	82	DSI		P1	01H	0.18			TEH	TEC
34	32	0.60	49	DSI		P1	02H	0.09			TEH	TEC
34	32	0.28	89	MAI		3	01H	0.00			01H	01H
34	33	0.91	37	DSI		P1	01H	0.00			TEH	TEC
34	33	0.33	117	MAI		3	01H	0.00			01H	01H
34	38	0.58	62	DSI		P1	01H	0.00			TEH	TEC
34	38	0.41	54	DSI		P1	02H	0.03			TEH	TEC
34	40	0.58	45	DSI		P1	02H	0.03			TEH	TEC
34	42	0.56	33	DSI		P1	01H	-0.03			TEH	TEC
34	44	0.29	91	DSI		P1	01H	0.06			07H	TEH
34	46	0.29	45	DSI		P1	02H	0.00			07H	TEH
34	50	0.65	61	DSI		P1	02H	-0.06			07H	TEH
34	51	0.63	54	DSI		P1	02H	-0.06			07H	TEH
34	53	0.77	62	DSI		P1	02H	-0.06			07H	TEH
34	58	0.97	63	DSI		P1	02H	-0.21			07H	TEH
34	60	1.31	101	DSI		P1	01H	-0.09			07H	TEH
34	60	1.84	85	DSI		P1	02H	-0.06			07H	TEH
34	60	0.54	31	DSI		P1	03H	0.06			07H	TEH
34	60	0.50	88	MAI		3	01H	0.00			01H	01H
34	60	0.60	116	MAI		3	02H	0.00			02H	02H
34	61	0.58	29	DSI		P1	01H	-0.06			07H	TEH
34	61	0.47	82	DSI		P1	02H	-0.06			07H	TEH
34	63	0.52	102	DSI		P1	01H	0.03			TEH	TEC
34	64	0.43	110	DSI		P1	01H	0.03			TEH	TEC
34	64	0.88	47	DSI		P1	02H	-0.06			TEH	TEC
34	73	0.61	44	DSI		P1	01H	0.08			TEH	TEC
34	79	0.51	158	PCT	0	P1	06C	0.03			TEH	TEC
35	17	1.29	130	PCT	20	P1	02C	-0.14			TEH	TEC
35	18	0.77	153	PCT	0	P1	03C	0.00			TEH	TEC
35	18	0.48	47	VOL		3	02C	-0.09			02C	02C
35	18	0.94	0	PCT	23	2	02C	0.13			02C	02C
35	24	0.56	65	DSI		P1	01H	0.03			TEH	TEC
35	24	0.43	107	DSI		P1	02H	-0.14			TEH	TEC
35	28	1.37	104	DSI		P1	01H	0.06			TEH	TEC
35	28	0.43	107	DSI		P1	02H	-0.06			TEH	TEC
35	28	0.93	65	DSI		P1	03H	0.06			TEH	TEC
35	28	0.24	114	MAI		3	01H	0.00			01H	01H
35	32	0.65	30	DSI		P1	01H	0.03			TEH	TEC
35	33	0.76	53	DSI		P1	01H	0.00			TEH	TEC

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Row	Col	Volts	Phase	Ind	PCT	Chan	Loc	Inch1	Inch2	Degrees	From	To
35	35	1.50	84	DSI		P1	01H	-0.14			TEH	TEC
35	35	1.79	89	DSI		P1	02H	0.03			TEH	TEC
35	35	0.46	108	DSI		P1	03H	0.03			TEH	TEC
35	35	1.65	80	SAI		3	01H	0.00			01H	01H
35	35	0.78	102	MAI		3	02H	0.00			02H	02H
35	53	0.33	76	DSI		P1	02H	0.06			07H	TEH
35	54	0.44	58	DSI		P1	02H	-0.12			07H	TEH
35	62	0.57	48	DSI		P1	01H	0.00			TEH	TEC
35	68	1.18	33	DSI		P1	02H	0.00			TEH	TEC
35	68	0.22	114	MAI		3	02H	0.00			02H	02H
35	70	0.74	106	DSI		P1	01H	0.27			TEH	TEC
35	70	1.52	78	DSI		P1	02H	0.14			TEH	TEC
35	70	0.74	79	DSI		P1	03H	0.03			TEH	TEC
35	70	0.29	124	MAI		3	02H	0.00			02H	02H
35	71	0.75	71	DSI		P1	02H	0.14			TEH	TEC
35	71	0.37	122	DSI		P1	03H	0.06			TEH	TEC
35	72	1.31	31	DSI		P1	03H	0.11			TEH	TEC
35	72	0.25	109	SAI		3	03H	0.04			03H	03H
35	77	0.52	147	PCT	0	P1	04C	0.00			TEH	TEC
35	77	0.18	129	PCT	17	P1	03C	-0.03			TEH	TEC
35	77	0.81	142	PCT	0	P1	01C	0.00			TEH	TEC
36	20	0.07	44	VOL		3	02C	-0.06			02C	02C
36	20	0.31	0	PCT	15	2	02C	0.07			02C	02C
36	20	0.37	72	VOL		3	01C	-0.12			01C	01C
36	20	0.78	0	PCT	21	2	01C	-0.07			01C	01C
36	22	0.68	40	VOL		3	01C	-0.03			01C	01C
36	22	1.86	0	PCT	32	2	01C	0.00			01C	01C
36	24	0.89	100	DSI		P1	01H	0.08			TEH	TEC
36	24	1.35	52	DSI		P1	02H	0.00			TEH	TEC
36	24	0.75	51	DSI		P1	03H	0.06			TEH	TEC
36	24	0.38	120	DSI		P1	05H	0.03			TEH	TEC
36	24	0.31	119	MAI		3	02H	0.00			02H	02H
36	30	0.64	36	DSI		P1	01H	0.00			TEH	TEC
36	32	0.50	45	DSI		P1	01H	0.00			TEH	TEC
36	32	0.78	35	DSI		P1	02H	0.00			TEH	TEC
36	34	0.51	45	DSI		P1	01H	0.00			TEH	TEC
36	35	1.04	94	DSI		P1	01H	0.03			TEH	TEC
36	36	0.65	105	DSI		P1	01H	0.03			TEH	TEC
36	36	1.29	106	DSI		P1	02H	-0.03			TEH	TEC
36	36	0.80	103	SAI		3	02H	0.00			02H	02H
36	39	0.75	36	DSI		P1	03H	0.00			TEH	TEC
36	40	0.99	71	DSI		P1	02H	0.00			TEH	TEC
36	40	0.57	44	DSI		P1	03H	0.03			TEH	TEC
36	41	0.67	92	DSI		P1	02H	-0.14			TEH	TEC
36	42	0.36	52	DSI		P1	02H	0.11			TEH	TEC
36	48	0.84	56	DSI		P1	02H	0.03			07H	TEH
36	51	0.75	63	DSI		P1	01H	-0.15			07H	TEH
36	51	0.37	59	DSI		P1	02H	0.00			07H	TEH
36	52	0.62	57	DSI		P1	01H	-0.06			07H	TEH
36	52	1.04	60	DSI		P1	02H	-0.06			07H	TEH
36	53	0.69	54	DSI		P1	01H	-0.12			07H	TEH

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RC-E-1A
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Row	Col	Volts	Phase	Ind	PCT	Chan	Loc	Inch1	Inch2	Degrees	From	To
36	53	0.66	85	DSI		P1	02H	-0.06			07H	TEH
36	54	0.52	98	DSI		P1	01H	-0.15			07H	TEH
36	54	0.74	41	DSI		P1	02H	0.06			07H	TEH
36	58	1.52	0	PCT	23	P2	AV4	0.00			07H	TEC
36	58	0.50	45	DSI		P1	02H	0.00			07H	TEH
36	66	1.32	37	DSI		P1	01H	0.00			TEH	TEC
36	66	1.02	63	DSI		P1	02H	0.25			TEH	TEC
36	66	0.88	63	SAI		3	01H	0.00			01H	01H
36	68	1.06	35	DSI		P1	02H	0.06			TEH	TEC
36	70	0.74	42	DSI		P1	01H	0.06			TEH	TEC
36	75	0.55	56	VOL		3	01C	0.00			01C	01C
36	75	1.07	0	PCT	26	2	01C	0.17			01C	01C
36	76	0.38	130	PCT	19	P1	01C	0.00			TEH	TEC
36	77	0.45	123	PCT	27	P1	03C	-0.25			TEH	TEC
37	19	0.58	128	PCT	23	P1	03C	0.03			TEH	TEC
37	19	1.23	125	PCT	27	P1	02C	-0.22			TEH	TEC
37	19	0.33	129	VOL		3	03C	0.00			03C	03C
37	26	0.72	153	DSI		P1	01H	0.06			TEH	TEC
37	26	0.95	137	DSI		P1	02H	-0.08			TEH	TEC
37	30	0.74	58	DSI		P1	02H	0.00			TEH	TEC
37	31	0.63	53	DSI		P1	01H	0.11			TEH	TEC
37	31	0.71	58	DSI		P1	02H	-0.03			TEH	TEC
37	37	0.71	67	DSI		P1	02H	0.00			TEH	TEC
37	50	0.37	59	DSI		P1	01H	-0.03			07H	TEH
37	57	0.80	38	DSI		P1	02H	0.03			07H	TEH
37	63	1.45	111	DSI		P1	02H	0.22			TEH	TEC
37	63	0.73	80	DSI		P1	03H	-0.03			TEH	TEC
37	63	0.95	102	MAI		3	02H	0.00			02H	02H
37	67	1.30	55	DSI		P1	02H	0.08			TEH	TEC
37	67	0.67	100	MAI		3	02H	0.00			02H	02H
37	69	0.20	51	DSI		P1	01H	-0.03			TEH	TEC
37	69	0.49	50	DSI		P1	02H	0.06			TEH	TEC
37	72	1.09	93	DSI		P1	01H	0.08			TEH	TEC
37	73	0.28	119	PCT	33	P1	03C	0.19			TEH	TEC
37	73	0.13	139	VOL		3	03C	0.05			03C	03C
37	74	0.44	113	PCT	42	P1	04C	-0.31			TEH	TEC
37	74	0.22	121	VOL		3	04C	-0.25			04C	04C
38	21	0.35	0	PCT	15	2	02C	0.00			02C	02C
38	21	0.38	48	VOL		3	02C	0.04			02C	02C
38	21	0.19	50	VOL		3	01C	-0.04			01C	01C
38	21	0.32	0	PCT	15	2	01C	0.03			01C	01C
38	22	0.80	132	PCT	12	P1	03C	0.00			TEH	TEC
38	23	0.61	138	PCT	2	P1	01C	0.06			TEH	TEC
38	24	0.97	141	PCT	0	P1	01C	-0.08			TEH	TEC
38	25	0.62	120	PCT	28	P1	01C	0.00			TEH	TEC
38	30	0.71	76	DSI		P1	01H	0.00			TEH	TEC
38	40	0.94	60	DSI		P1	02H	0.03			TEH	TEC
38	50	0.59	84	DSI		P1	01H	-0.09			07H	TEH
38	50	1.08	106	DSI		P1	02H	-0.18			07H	TEH
38	51	0.37	88	DSI		P1	02H	-0.09			07H	TEH
38	53	1.68	86	DSI		P1	02H	0.00			07H	TEH

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Row	Col	Volts	Phase	Ind	PCT	Chan	Loc	Inch1	Inch2	Degrees	From	To
38	53	0.34	115	MAI		3	02H	0.12			02H	02H
38	55	0.37	103	DSI		P1	01H	0.00			07H	TEH
38	55	0.79	74	DSI		P1	02H	0.03			07H	TEH
38	62	0.67	43	DSI		P1	02H	0.00			TEH	TEC
38	69	0.76	51	DSI		P1	01H	0.03			TEH	TEC
38	69	0.97	63	DSI		P1	02H	0.03			TEH	TEC
38	69	0.40	42	DSI		P1	03H	0.06			TEH	TEC
38	70	0.32	65	DSI		P1	01H	0.08			TEH	TEC
38	70	0.77	109	DSI		P1	02H	0.14			TEH	TEC
38	74	1.27	84	DSI		P1	01H	0.03			TEH	TEC
38	74	0.58	122	MAI		3	01H	0.00			01H	01H
39	24	1.54	129	PCT	17	P1	02C	-0.14			TEH	TEC
39	24	0.89	121	PCT	30	P1	01C	-0.22			TEH	TEC
39	24	0.46	145	PCT	0	P1	01C	0.03			TEH	TEC
39	26	0.15	58	VOL		3	01C	-0.04			01C	01C
39	26	0.58	0	PCT	18	2	01C	-0.01			01C	01C
39	26	0.20	41	VOL		3	02C	-0.15			02C	02C
39	26	0.07	0	PCT	11	2	02C	-0.09			02C	02C
39	26	0.43	0	PCT	17	2	01C	-0.09			01C	01C
39	26	0.20	50	VOL		3	01C	-0.03			01C	01C
39	27	0.31	70	DSI		P1	02H	0.00			TEH	TEC
39	27	16.16	146	PSI		8	07H	-0.09			TEH	TEC
39	27	0.73	143	PCT	0	P1	01C	-0.17			TEH	TEC
39	27	0.20	77	CSI		11	07H	0.00			07H	07H
39	28	0.40	101	DSI		P1	01H	0.06			TEH	TEC
39	28	1.03	68	DSI		P1	03H	-0.06			TEH	TEC
39	30	0.56	58	DSI		P1	03H	0.03			TEH	TEC
39	33	0.61	39	DSI		P1	04H	0.00			TEH	TEC
39	38	1.16	82	DSI		P1	02H	0.00			TEH	TEC
39	38	0.25	140	DSI		P1	03H	0.06			TEH	TEC
39	39	1.13	56	DSI		P1	02H	0.00			TEH	TEC
39	45	1.25	89	DSI		P1	02H	0.24			07H	TEH
39	45	0.15	97	SAI		3	02H	0.00			02H	02H
39	50	1.02	47	DSI		P1	02H	0.00			07H	TEH
39	51	0.58	49	DSI		P1	01H	-0.15			07H	TEH
39	51	1.45	59	DSI		P1	02H	-0.03			07H	TEH
39	51	0.25	121	SAI		3	02H	-0.03			02H	02H
39	55	19.20	308	PSI		8	06H	0.00			07H	TEH
39	55	0.34	82	CSI		11	06H	-0.03		30	06H	06H
39	57	0.82	39	DSI		P1	02H	0.06			07H	TEH
39	58	0.61	80	DSI		P1	02H	-0.09			07H	TEH
39	59	0.62	79	DSI		P1	02H	-0.09			07H	TEH
39	73	0.67	137	PCT	7	P1	01C	-0.20			TEH	TEC
40	24	0.86	136	PCT	5	P1	01C	-0.17			TEH	TEC
40	25	0.61	143	PCT	0	P1	03C	-0.03			TEH	TEC
40	25	0.73	128	PCT	18	P1	02C	0.06			TEH	TEC
40	25	1.33	129	PCT	16	P1	01C	0.03			TEH	TEC
40	27	16.65	147	PSI		8	07H	0.03			TEH	TEC
40	27	1.93	120	PCT	28	P1	02C	-0.08			TEH	TEC
40	27	0.19	85	CSI		11	07H	0.00			07H	07H
40	28	1.06	50	VOL		3	02C	0.00			02C	02C

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Row	Col	Volts	Phase	Ind	PCT	Chan	Loc	Inch1	Inch2	Degrees	From	To
40	28	1.35	0	PCT	29	2	02C	0.02			02C	02C
40	54	0.98	26	DSI		P1	02H	0.00			07H	TEH
40	54	0.14	115	SAI		3	02H	0.00			02H	02H
40	56	0.64	63	DSI		P1	02H	0.03			07H	TEH
40	56	15.48	329	PSI		8	06H	0.00			07H	TEH
40	56	0.24	73	CSI		11	06H	-0.04		30	06H	06H
40	58	0.71	46	DSI		P1	02H	0.12			07H	TEH
40	65	0.48	125	PCT	30	P1	03C	-0.25			TEH	TEC
40	65	0.36	125	VOL		3	03C	-0.21			03C	03C
40	69	0.36	117	PCT	38	P1	03C	0.08			TEH	TEC
40	69	0.17	137	VOL		3	03C	0.10			03C	03C
40	71	0.61	135	PCT	11	P1	04C	-0.14			TEH	TEC
41	27	18.82	146	PSI		8	06H	-0.11			TEH	TEC
41	27	18.10	144	PSI		8	07H	-0.09			TEH	TEC
41	27	0.85	128	PCT	18	P1	01C	0.06			TEH	TEC
41	27	0.30	80	CSI		11	06H	0.00			06H	06H
41	27	0.19	77	CSI		11	07H	0.00			07H	07H
41	29	18.05	157	PSI		8	06H	0.00			TEH	TEC
41	29	0.47	126	PCT	28	P1	03C	0.08			TEH	TEC
41	30	0.81	0	PCT	23	2	01C	0.03			01C	01C
41	30	0.28	78	VOL		3	01C	0.12			01C	01C
41	31	0.57	105	PCT	48	P1	02C	-0.27			TEH	TEC
41	31	0.79	136	PCT	17	P1	01C	-0.14			TEH	TEC
41	31	0.21	106	VOL		3	02C	-0.32			02C	02C
41	32	0.63	137	PCT	9	P1	02C	-0.25			TEH	TEC
41	39	19.13	324	PSI		8	07H	0.00			TEH	TEC
41	39	0.35	151	CSI		7	07H	0.02		31	07H	07H
41	40	15.86	164	PSI		8	01H	0.00			TEH	TEC
41	40	18.25	159	PSI		8	07H	0.00			TEH	TEC
41	54	16.11	161	PSI		8	07C	0.00			07H	TEC
41	55	16.71	345	PSI		8	05C	0.00			07H	TEC
41	58	0.53	43	DSI		P1	03H	0.03			07H	TEH
41	58	0.56	44	DSI		P1	04H	0.00			07H	TEH
41	58	17.30	336	PSI		8	06H	0.00			07H	TEH
41	58	0.32	80	CSI		11	06H	-0.09		42	06H	06H
41	65	0.84	140	PCT	2	P1	01C	-0.25			TEH	TEC
42	28	0.36	98	VOL		3	02C	-0.35			02C	02C
42	28	1.19	0	PCT	27	2	02C	-0.34			02C	02C
42	29	0.67	136	PCT	13	P1	03C	-0.11			TEH	TEC
42	29	2.74	120	PCT	36	P1	02C	-0.19			TEH	TEC
42	29	1.74	126	PCT	28	P1	01C	0.08			TEH	TEC
42	32	0.61	137	PCT	9	P1	03C	-0.12			TEH	TEC
42	32	1.43	0	PCT	30	2	02C	-0.02			02C	02C
42	32	0.68	80	VOL		3	02C	0.00			02C	02C
42	32	0.19	114	VOL		3	03C	-0.18			03C	03C
42	33	0.38	134	PCT	19	P1	02C	0.09			TEH	TEC
42	34	0.43	58	VOL		3	01C	0.00			01C	01C
42	34	0.80	0	PCT	22	2	01C	0.05			01C	01C
42	35	0.39	122	PCT	30	P1	01C	-0.14			TEH	TEC
42	35	0.21	113	VOL		3	01C	-0.08			01C	01C
42	40	0.35	9	DSI		P1	03H	0.11			TEH	TEC

BEAVER VALLEY UNIT #1
1R13 S/G EXAMINATION RESULTS

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(TUBES WITH INDICATIONS)

Row	Col	Volts	Phase	Ind	PCT	Chan	Loc	Inch1	Inch2	Degrees	From	To
42	40	24.40	125	PSI		8	07H	-0.03			TEH	TEC
42	40	0.22	66	CSI		11	07H	0.00			07H	07H
42	54	15.52	341	PSI		8	06H	0.00			07H	TEH
42	54	0.27	78	CSI		11	06H	-0.14		30	06H	06H
42	57	0.65	136	PCT	10	P1	01C	-0.20			07H	TEC
42	67	1.25	128	PCT	22	P1	03C	-0.17			TEH	TEC
43	30	0.35	52	DSI		P1	04H	0.03			TEH	TEC
43	30	1.26	130	PCT	23	P1	03C	-0.11			TEH	TEC
43	30	0.77	51	VOL		3	02C	-0.10			02C	02C
43	30	1.41	0	PCT	30	2	02C	-0.09			02C	02C
43	30	0.49	0	PCT	18	2	01C	0.08			01C	01C
43	30	0.19	128	VOL		3	01C	0.15			01C	01C
43	30	0.86	0	PCT	23	2	01C	0.18			01C	01C
43	30	0.50	59	VOL		3	01C	0.31			01C	01C
43	31	1.67	138	PCT	14	P1	03C	-0.16			TEH	TEC
43	31	0.18	56	VOL		3	02C	0.00			02C	02C
43	31	1.20	0	PCT	27	2	02C	0.00			02C	02C
43	33	1.33	124	PCT	30	P1	02C	-0.15			TEH	TEC
43	34	0.63	138	PCT	8	P1	03C	0.00			TEH	TEC
43	34	1.08	134	PCT	14	P1	01C	0.08			TEH	TEC
43	39	0.46	135	PCT	13	P1	02C	0.22			TEH	TEC
43	39	0.28	150	PCT	0	P1	01C	-0.03			TEH	TEC
43	45	0.60	145	PCT	0	P1	02C	-0.09			07H	TEC
43	47	0.19	110	DSI		P1	02H	0.06			07H	TEH
43	54	0.45	63	DSI		P1	02H	-0.03			07H	TEH
43	57	0.51	45	DSI		P1	02H	-0.03			07H	TEH
43	59	0.32	139	PCT	3	P1	03C	-0.17			07H	TEC
44	33	1.21	131	PCT	22	P1	03C	-0.17			TEH	TEC
44	33	0.60	164	PCT	0	P1	02C	0.00			TEH	TEC
44	33	2.16	116	PCT	38	P1	01C	0.00			TEH	TEC
44	37	1.19	135	PCT	9	P1	03C	-0.17			TEH	TEC
44	38	1.23	128	PCT	18	P1	01C	-0.11			TEH	TEC
44	40	0.65	138	PCT	2	P1	03C	-0.25			TEH	TEC
44	50	0.75	141	PCT	3	P1	06C	0.19			07H	TEC
44	53	0.66	130	PCT	21	P1	01C	-0.20			07H	TEC
44	59	0.86	127	PCT	26	P1	03C	0.23			07H	TEC
44	60	0.41	111	PCT	44	P1	03C	-0.34			07H	TEC
44	60	1.50	0	PCT	31	2	01C	-0.01			01C	01C
44	60	0.56	61	VOL		3	01C	0.00			01C	01C
45	37	0.99	142	DSI		P1	02H	0.22			TEH	TEC
45	37	0.76	148	PCT	0	P1	02C	-0.22			TEH	TEC
45	38	1.00	138	PCT	2	P1	03C	-0.20			TEH	TEC
45	38	1.34	119	PCT	31	P1	01C	0.03			TEH	TEC
45	39	0.71	113	DSI		P1	01H	0.31			TEH	TEC
45	39	1.54	121	PCT	36	P1	04C	0.00			TEH	TEC
45	39	0.28	0	PCT	15	2	01C	-0.08			01C	01C
45	39	0.23	48	VOL		3	01C	0.00			01C	01C
45	40	0.72	123	DSI		P1	01H	0.14			TEH	TEC
45	40	0.72	122	PCT	27	P1	01C	0.28			TEH	TEC
45	40	0.26	144	VOL		3	01C	0.27			01C	01C
45	41	23.08	123	PSI		8	07H	0.00			TEH	TEC

BEAVER VALLEY UNIT #1
1R13 S/G EXAMINATION RESULTS

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RC-E-1A
(TUBES WITH INDICATIONS)

Row	Col	Volts	Phase	Ind	PCT	Chan	Loc	Inch1	Inch2	Degrees	From	To
45	41	1.25	0	PCT	21	P2	AV1	-0.08			TEH	TEC
45	41	0.29	143	PCT	0	P1	03C	-0.25			TEH	TEC
45	41	0.97	139	PCT	5	P1	02C	-0.11			TEH	TEC
45	41	0.10	89	CSI		10	07H	0.00		42	07H	07H
45	42	21.29	125	PSI		8	07H	0.00			TEH	TEC
45	42	0.29	75	CSI		11	07H	0.00			07H	07H
45	44	0.82	137	PCT	1	P1	01C	0.25			07H	TEC
45	45	1.60	0	PCT	32	2	02C	-0.06			02C	02C
45	45	0.69	86	VOL		3	02C	0.00			02C	02C
45	45	0.16	114	VOL		3	01C	0.00			01C	01C
45	45	0.43	0	PCT	17	2	01C	0.05			01C	01C
45	48	0.53	127	PCT	17	P1	03C	0.06			07H	TEC
45	48	0.27	113	VOL		3	03C	0.00			03C	03C
45	50	0.64	136	PCT	11	P1	02C	-0.15			07H	TEC
45	50	0.40	115	PCT	39	P1	01C	0.15			07H	TEC
45	50	0.38	120	VOL		3	01C	0.00			01C	01C
45	52	1.10	135	PCT	12	P1	03C	0.18			07H	TEC
45	52	0.82	127	DSI		P1	03H	0.15			07H	TEH
45	53	16.14	324	PSI		8	06H	0.00			07H	TEH
45	53	0.30	85	CSI		11	06H	0.09		126	06H	06H
45	54	0.53	128	DSI		P1	06H	0.03			07H	TEH
46	41	22.36	127	PSI		8	07H	0.00			TEH	TEC
46	41	17.71	153	PSI		8	05C	0.00			TEH	TEC
46	41	16.88	146	PSI		8	04C	0.00			TEH	TEC
46	41	0.58	123	PCT	33	P1	02C	-0.11			TEH	TEC
46	41	0.21	87	CSI		10	07H	0.00		39	07H	07H
46	41	1.01	159	CSI		9	05C	0.00		35	05C	05C
46	41	0.98	154	CSI		9	04C	0.00			04C	04C
46	42	22.17	127	PSI		8	07H	0.00			TEH	TEC
46	42	3.85	119	PCT	38	P1	02C	-0.17			TEH	TEC
46	42	0.13	92	CSI		10	07H	0.00		106	07H	07H
46	50	0.80	131	PCT	19	P1	03C	-0.23			07H	TEC
46	50	0.32	117	VOL		3	03C	-0.21			03C	03C

ATTACHMENT 1A

**BEAVER VALLEY UNIT #1
1R13 S/G EXAMINATION RESULTS**

RC-E-1A

**EOC 13 INSERVICE TUBES
REPAIRED VIA PLUGGING**

BEAVER VALLEY UNIT #1
1R13 S/G EXAMINATION RESULTS

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RC-E-1A

(EOC 13 INSERVICE TUBES REPAIRED VIA PLUGGING)

Row	Col	Volts	Phase	Ind	PCT	Chan	Loc	Inch1	Inch2	Degrees	From	To
1	38	0.98	33	SAI		2	07H	8.66	8.53		07H	07C
7	8	0.67	105	MAI		3	01H	0.00			01H	01H
7	8	0.22	98	MAI		3	02H	0.00			02H	02H
7	8	0.29	117	MAI		3	03H	0.00			03H	03H
18	87	0.27	102	PCT	55	P1	02C	0.11			TEH	TEC
22	53	0.19	116	SAI		3	03H	0.31			03H	03H
37	74	0.44	113	PCT	42	P1	04C	-0.31			TEH	TEC
41	31	0.57	105	PCT	48	P1	02C	-0.27			TEH	TEC
44	60	0.41	111	PCT	44	P1	03C	-0.34			07H	TEC

ATTACHMENT 1B

**BEAVER VALLEY UNIT #1
1R13 S/G EXAMINATION RESULTS
RC-E-1A
TUBES REPAIRED VIA SLEEVING**

BEAVER VALLEY UNIT #1
1R13 S/G EXAMINATION RESULTS
RC-E-1A
(TUBES REPAIRED VIA SLEEVING)

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ROW	COL	LOCATION	LENGTH	ROW	COL	LOCATION	LENGTH
2	13	TSH	30	8	29	TSH	30
2	22	TSH	30	8	29	01H	12
2	22	01H	12	8	34	TSH	30
2	48	TSH	30	8	34	01H	12
2	57	TSH	30	8	35	TSH	30
3	20	TSH	30	8	41	TSH	30
3	20	01H	12	8	43	TSH	30
3	20	02H	12	8	43	01H	12
3	21	TSH	30	8	46	TSH	30
3	21	01H	12	9	19	01H	12
3	50	TSH	30	9	19	02H	12
3	56	01H	12	9	32	TSH	30
3	75	01H	12	9	32	01H	12
3	75	02H	12	9	33	TSH	30
3	78	01H	12	9	34	TSH	30
4	18	TSH	30	9	34	01H	12
4	18	01H	12	9	36	TSH	30
4	18	02H	12	9	36	01H	12
4	19	TSH	30	9	38	TSH	30
4	19	01H	12	9	41	TSH	30
4	24	01H	12	9	44	TSH	30
4	25	01H	12	9	46	TSH	30
4	25	02H	12	9	74	01H	12
4	52	TSH	30	10	17	01H	12
4	64	01H	12	10	32	TSH	30
4	64	02H	12	10	32	01H	12
5	17	TSH	30	10	37	TSH	30
5	19	TSH	30	10	38	TSH	30
5	25	TSH	30	10	40	TSH	30
5	37	01H	12	10	41	TSH	30
5	38	01H	12	10	41	01H	12
5	45	01H	12	10	41	02H	12
5	48	TSH	30	10	44	TSH	30
5	74	TSH	30	10	45	TSH	30
5	75	TSH	30	10	46	TSH	30
5	76	TSH	30	10	47	TSH	30
6	71	TSH	30	10	52	TSH	30
6	76	TSH	30	10	52	01H	12
6	77	01H	12	10	64	01H	12
7	22	TSH	30	11	22	01H	12
7	31	TSH	30	11	22	02H	12
7	33	TSH	30	11	26	TSH	30
7	36	TSH	30	11	26	01H	12
7	39	TSH	30	11	28	TSH	30
7	43	TSH	30	11	28	01H	12
7	43	01H	12	11	30	TSH	30
7	60	01H	12	11	32	TSH	30
8	26	TSH	30	11	32	01H	12
8	26	01H	12	11	33	TSH	30
8	26	02H	12	11	33	01H	12
8	28	TSH	30	11	37	TSH	30

BEAVER VALLEY UNIT #1
1R13 S/G EXAMINATION RESULTS
RC-E-1A
(TUBES REPAIRED VIA SLEEVING)

Page 2 of 3

ROW	COL	LOCATION	LENGTH	ROW	COL	LOCATION	LENGTH
11	37	01H	12	13	50	TSH	30
11	39	TSH	30	13	53	TSH	30
11	40	TSH	30	14	29	TSH	30
11	42	TSH	30	14	31	TSH	30
11	42	01H	12	14	33	TSH	30
11	44	TSH	30	14	34	TSH	30
11	46	TSH	30	14	34	01H	12
11	46	01H	12	14	34	02H	12
11	47	TSH	30	14	36	TSH	30
11	49	TSH	30	14	36	01H	12
11	50	TSH	30	14	37	TSH	30
11	52	TSH	30	14	37	01H	12
11	53	TSH	30	14	38	TSH	30
11	55	TSH	30	14	38	01H	12
11	55	01H	12	14	39	TSH	30
12	30	TSH	30	14	39	01H	12
12	32	TSH	30	14	39	02H	12
12	33	TSH	30	14	40	TSH	30
12	34	TSH	30	14	41	TSH	30
12	35	TSH	30	14	41	01H	12
12	37	TSH	30	14	43	TSH	30
12	40	TSH	30	14	45	TSH	30
12	42	TSH	30	14	46	TSH	30
12	43	TSH	30	14	47	TSH	30
12	44	TSH	30	14	48	TSH	30
12	44	01H	12	14	49	TSH	30
12	44	02H	12	14	50	TSH	30
12	46	TSH	30	14	51	TSH	30
12	47	TSH	30	14	52	TSH	30
12	48	TSH	30	14	53	TSH	30
12	49	TSH	30	14	53	01H	12
12	51	TSH	30	14	72	TSH	30
12	51	01H	12	15	23	TSH	30
12	69	TSH	30	15	23	01H	12
13	26	TSH	30	15	24	TSH	30
13	30	TSH	30	15	29	TSH	30
13	31	TSH	30	15	30	TSH	30
13	32	TSH	30	15	32	TSH	30
13	33	TSH	30	15	33	TSH	30
13	33	01H	12	15	34	TSH	30
13	35	TSH	30	15	35	TSH	30
13	36	TSH	30	15	35	01H	12
13	37	TSH	30	15	36	TSH	30
13	38	TSH	30	15	37	TSH	30
13	40	TSH	30	15	38	TSH	30
13	41	TSH	30	15	39	TSH	30
13	42	TSH	30	15	41	TSH	30
13	43	TSH	30	15	42	TSH	30
13	45	TSH	30	15	43	TSH	30
13	47	TSH	30	15	44	TSH	30
13	49	TSH	30	15	44	01H	12

BEAVER VALLEY UNIT #1
1R13 S/G EXAMINATION RESULTS

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RC-E-1A
(TUBES REPAIRED VIA SLEEVING)

ROW	COL	LOCATION	LENGTH	ROW	COL	LOCATION	LENGTH
15	45	TSH	30	18	36	TSH	30
15	46	TSH	30	18	37	TSH	30
15	47	TSH	30	18	39	TSH	30
15	48	TSH	30	18	39	01H	12
15	48	01H	12	18	41	TSH	30
15	49	TSH	30	18	42	TSH	30
16	29	TSH	30	18	44	TSH	30
16	31	TSH	30	19	30	TSH	30
16	33	TSH	30	19	30	01H	12
16	34	TSH	30	19	35	TSH	30
16	34	01H	12	19	35	01H	12
16	35	TSH	30	19	35	02H	12
16	36	TSH	30	19	36	TSH	30
16	37	TSH	30	19	37	TSH	30
16	38	TSH	30	19	37	01H	12
16	38	01H	12	19	58	TSH	30
16	39	TSH	30	19	63	01H	12
16	40	TSH	30	20	28	01H	12
16	41	TSH	30	20	38	TSH	30
16	41	01H	12	20	60	01H	12
16	42	TSH	30	20	63	TSH	30
16	42	01H	12	20	63	01H	12
16	42	02H	12	20	63	02H	12
16	43	TSH	30	22	31	TSH	30
16	43	01H	12	22	31	01H	12
16	44	TSH	30	22	55	01H	12
16	46	TSH	30	22	68	01H	12
16	47	TSH	30	22	69	01H	12
16	47	01H	12	22	74	01H	12
17	31	TSH	30	23	29	TSH	30
17	32	TSH	30	23	52	TSH	30
17	32	01H	12	24	55	TSH	30
17	33	TSH	30	24	72	01H	12
17	34	TSH	30	24	72	02H	12
17	35	TSH	30	26	62	01H	12
17	36	TSH	30	27	34	01H	12
17	37	TSH	30	27	34	02H	12
17	38	TSH	30	27	40	TSH	30
17	39	TSH	30	28	36	TSH	30
17	40	TSH	30	28	60	01H	12
17	41	TSH	30	29	41	TSH	30
17	42	TSH	30	30	36	TSH	30
17	43	TSH	30	30	36	01H	12
17	45	TSH	30	30	36	02H	12
17	45	01H	12	30	39	TSH	30
17	46	TSH	30	30	39	01H	12
17	59	01H	12	30	39	02H	12
17	59	02H	12	31	67	TSH	30
18	30	TSH	30				
18	33	TSH	30				
18	35	TSH	30				

ATTACHMENT 2

BEAVER VALLEY UNIT #1
1R13 S/G EXAMINATION RESULTS
RC-E-1B
TUBES WITH INDICATIONS

BEAVER VALLEY UNIT #1
1R13 S/G EXAMINATION RESULTS

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RC-E-1B
(TUBES WITH INDICATIONS)

Row	Col	Volts	Phase	Ind	PCT	Chan	Loc	Inch1	Inch2	Degrees	From	To
1	4	0.62	103	DSI		P1	01H	-0.03			07H	TEH
1	4	0.63	69	DSI		P1	02H	0.03			07H	TEH
1	5	0.98	74	DSI		P1	01H	-0.03			07H	TEH
1	6	0.31	127	DSI		P1	01H	0.00			07H	TEH
1	10	0.40	61	DSI		P1	01H	0.00			07H	TEH
1	13	0.57	54	DSI		P1	01H	-0.03			07H	TEH
1	13	0.49	66	DSI		P1	02H	-0.06			07H	TEH
1	14	0.53	57	DSI		P1	02H	-0.14			07H	TEH
1	14	0.34	77	DSI		P1	04H	-0.06			07H	TEH
1	14	0.35	43	DSI		P1	05H	0.00			07H	TEH
1	24	0.46	51	DSI		P1	01H	0.03			07H	TEH
1	27	0.37	109	DSI		P1	01H	-0.14			07H	TEH
1	33	0.42	63	DSI		P1	01H	-0.06			07H	TEH
1	33	0.44	46	DSI		P1	02H	0.00			07H	TEH
1	48	0.99	82	DSI		P1	01H	0.00			07H	TEH
1	49	0.79	67	DSI		P1	02H	0.00			07H	TEH
1	54	0.36	46	DSI		P1	01H	-0.06			07H	TEH
1	55	0.46	42	DSI		P1	02H	-0.08			07H	TEH
1	55	0.19	70	DSI		P1	03H	0.03			07H	TEH
1	60	0.48	46	DSI		P1	01H	-0.03			07H	TEH
1	62	0.34	94	DSI		P1	01H	0.03			07H	TEH
1	66	0.68	53	DSI		P1	02H	-0.06			07H	TEH
1	67	0.36	47	DSI		P1	02H	-0.08			07H	TEH
1	68	0.90	61	DSI		P1	02H	-0.08			07H	TEH
1	70	0.74	66	DSI		P1	02H	-0.06			07H	TEH
1	89	0.11	122	SVI		3	TSH	0.08			TSH	TSH
1	92	0.33	12	DSI		P1	02H	-0.06			07H	TEH
2	5	0.63	60	DSI		P1	02H	-0.09			07H	TEH
2	7	0.80	69	DSI		P1	01H	-0.06			07H	TEH
2	7	0.65	55	DSI		P1	02H	0.00			07H	TEH
2	9	0.94	77	DSI		P1	01H	-0.14			07H	TEH
2	9	1.51	70	DSI		P1	02H	0.00			07H	TEH
2	9	0.50	103	MAI		3	02H	0.00			02H	02H
2	11	1.13	88	DSI		P1	02H	-0.14			07H	TEH
2	11	0.37	118	MAI		3	02H	-0.08			02H	02H
2	12	1.38	44	DSI		P1	01H	-0.06			07H	TEH
2	12	0.23	121	MAI		3	01H	0.10			01H	01H
2	13	0.59	64	DSI		P1	01H	-0.06			07H	TEH
2	13	0.48	41	DSI		P1	03H	-0.03			07H	TEH
2	17	0.41	71	DSI		P1	01H	-0.03			07H	TEH
2	19	0.98	93	DSI		P1	01H	-0.11			07H	TEH
2	24	0.67	65	DSI		P1	01H	0.03			07H	TEH
2	24	0.65	70	DSI		P1	02H	-0.06			07H	TEH
2	25	1.00	38	DSI		P1	01H	0.00			07H	TEH
2	25	0.67	110	MAI		3	01H	0.00			01H	01H
2	26	0.53	56	DSI		P1	01H	0.08			07H	TEH
2	28	0.58	62	DSI		P1	02H	-0.11			07H	TEH
2	30	0.46	55	DSI		P1	02H	-0.06			07H	TEH
2	31	0.81	82	DSI		P1	01H	-0.06			07H	TEH

BEAVER VALLEY UNIT #1
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RC-E-1B
(TUBES WITH INDICATIONS)

Row	Col	Volts	Phase	Ind	PCT	Chan	Loc	Inch1	Inch2	Degrees	From	To
2	35	0.54	34	DSI		P1	02H	0.00			07H	TEH
2	36	0.59	43	DSI		P1	02H	-0.03			07H	TEH
2	39	0.80	102	DSI		P1	01H	-0.26			07H	TEH
2	40	1.11	67	DSI		P1	01H	-0.06			07H	TEH
2	41	0.53	103	DSI		P1	01H	0.00			07H	TEH
2	43	0.22	67	DSI		P1	01H	-0.06			07H	TEH
2	46	1.12	54	DSI		P1	01H	-0.06			07H	TEH
2	47	0.46	74	DSI		P1	02H	0.00			07H	TEH
2	49	0.63	67	DSI		P1	01H	0.08			07H	TEH
2	52	0.77	74	DSI		P1	01H	0.06			07H	TEH
2	52	0.28	42	DSI		P1	03H	-0.08			07H	TEH
2	57	0.43	29	DSI		P1	01H	-0.03			07H	TEH
2	60	0.95	61	DSI		P1	01H	0.00			07H	TEH
2	65	0.63	65	DSI		P1	02H	-0.11			07H	TEH
2	66	0.41	72	DSI		P1	02H	0.00			07H	TEH
2	69	1.26	75	DSI		P1	02H	-0.11			07H	TEH
2	69	1.11	65	DSI		P1	03H	-0.08			07H	TEH
2	69	0.29	112	MAI		3	02H	-0.06			02H	02H
2	72	0.48	81	DSI		P1	01H	-0.03			07H	TEH
2	72	0.75	35	DSI		P1	02H	0.00			07H	TEH
2	72	0.78	46	DSI		P1	03H	-0.06			07H	TEH
2	73	0.69	57	DSI		P1	01H	-0.03			07H	TEH
2	73	0.99	48	DSI		P1	02H	0.00			07H	TEH
2	74	0.90	138	DSI		P1	01H	0.08			07H	TEH
2	74	0.85	57	DSI		P1	02H	0.00			07H	TEH
2	74	0.58	57	DSI		P1	03H	-0.03			07H	TEH
2	79	0.74	68	DSI		P1	02H	-0.06			07H	TEH
2	79	0.47	104	DSI		P1	04H	-0.08			07H	TEH
2	81	0.41	69	DSI		P1	02H	-0.03			07H	TEH
2	83	0.62	53	DSI		P1	03H	-0.11			07H	TEH
2	85	0.41	52	DSI		P1	02H	0.06			07H	TEH
2	85	0.37	104	DSI		P1	03H	0.00			07H	TEH
2	85	0.63	37	DSI		P1	04H	0.06			07H	TEH
2	86	0.69	53	DSI		P1	03H	0.00			07H	TEH
2	86	0.97	75	DSI		P1	04H	0.00			07H	TEH
2	88	0.50	101	DSI		P1	02H	-0.11			07H	TEH
2	88	0.35	42	DSI		P1	04H	0.06			07H	TEH
2	90	0.60	118	DSI		P1	04H	0.08			07H	TEH
2	90	0.60	47	DSI		P1	05H	0.03			07H	TEH
2	93	0.48	53	DSI		P1	02H	0.00			07H	TEH
2	94	0.77	132	PCT	8	P1	01C	0.15			07C	TEC
3	1	0.85	47	DSI		P1	01H	0.06			07H	TEH
3	5	0.35	75	DSI		P1	02H	0.06			07H	TEH
3	6	0.37	131	DSI		P1	01H	-0.08			07H	TEH
3	6	0.35	64	DSI		P1	02H	-0.06			07H	TEH
3	8	0.96	37	DSI		P1	01H	-0.08			07H	TEH
3	8	1.16	78	DSI		P1	02H	-0.06			07H	TEH
3	8	0.76	58	DSI		P1	03H	-0.23			07H	TEH
3	8	0.81	56	DSI		P1	04H	-0.25			07H	TEH

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RC-E-1B
(TUBES WITH INDICATIONS)

Row	Col	Volts	Phase	Ind	PCT	Chan	Loc	Inch1	Inch2	Degrees	From	To
3	8	0.21	145	MAI		3	01H	0.00			01H	01H
3	8	0.25	139	MAI		3	02H	0.00			02H	02H
3	9	0.87	60	DSI		P1	01H	-0.03			07H	TEH
3	9	0.41	124	DSI		P1	02H	-0.06			07H	TEH
3	11	0.89	15	SCI		P1	TSH	-2.76			TSH	TSH
3	16	0.50	69	DSI		P1	01H	-0.06			07H	TEH
3	18	0.88	55	DSI		P1	01H	-0.03			07H	TEH
3	18	0.54	86	DSI		P1	02H	-0.14			07H	TEH
3	23	0.81	144	NQI		P1	TSH	0.45			07H	TEH
3	23	1.14	92	DSI		P1	01H	0.00			07H	TEH
3	23	0.46	92	MAI		3	TSH	0.78	0.11		TSH	TSH
3	24	4.76	114	NQI		P1	TSH	0.11			07H	TEH
3	24	1.88	105	DSI		P1	01H	0.00			07H	TEH
3	24	0.89	89	MAI		3	TSH	0.54	0.04		TSH	TSH
3	27	1.10	73	DSI		P1	01H	-0.09			07H	TEH
3	27	0.79	89	DSI		P1	02H	-0.14			07H	TEH
3	27	0.25	115	DSI		P1	03H	-0.11			07H	TEH
3	27	0.29	73	DSI		P1	04H	-0.11			07H	TEH
3	31	0.66	33	DSI		P1	01H	-0.06			07H	TEH
3	35	0.66	34	DSI		P1	01H	0.06			07H	TEH
3	43	0.52	41	DSI		P1	01H	0.00			07H	TEH
3	47	0.50	7	SAI		3	TSH	-0.31	-0.45		TSH	TSH
3	49	0.71	79	DSI		P1	01H	0.14			07H	TEH
3	49	0.68	54	DSI		P1	02H	-0.06			07H	TEH
3	53	0.57	105	DSI		P1	01H	0.11			07H	TEH
3	53	0.30	114	DSI		P1	04H	0.00			07H	TEH
3	55	0.80	109	DSI		P1	01H	-0.08			07H	TEH
3	56	0.16	107	SAI		3	TSH	0.15	0.00		TSH	TSH
3	58	0.82	37	DSI		P1	01H	0.00			07H	TEH
3	58	0.47	86	MAI		3	01H	-0.11			01H	01H
3	62	0.59	18	DSI		P1	01H	-0.03			07H	TEH
3	63	0.65	68	DSI		P1	03H	0.06			07H	TEH
3	64	0.96	74	DSI		P1	03H	0.00			07H	TEH
3	66	0.55	50	DSI		P1	01H	0.00			07H	TEH
3	66	0.72	35	DSI		P1	02H	-0.03			07H	TEH
3	66	0.48	68	DSI		P1	03H	0.08			07H	TEH
3	67	0.49	21	DSI		P1	03H	-0.03			07H	TEH
3	68	0.81	129	DSI		P1	01H	0.17			07H	TEH
3	68	0.85	49	DSI		P1	03H	0.00			07H	TEH
3	68	0.90	76	DSI		P1	04H	0.00			07H	TEH
3	70	0.94	136	DSI		P1	01H	0.11			07H	TEH
3	71	1.24	66	DSI		P1	01H	0.00			07H	TEH
3	71	1.49	88	SAI		3	01H	0.03			01H	01H
3	73	1.30	76	DSI		P1	03H	0.00			07H	TEH
3	73	0.44	106	MAI		3	03H	0.22			03H	03H
3	78	0.58	50	DSI		P1	01H	-0.06			07H	TEH
3	78	0.42	83	DSI		P1	02H	-0.03			07H	TEH
3	78	1.26	83	DSI		P1	03H	0.00			07H	TEH
3	78	0.65	54	DSI		P1	01H	0.00			07C	01H

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RC-E-1B
(TUBES WITH INDICATIONS)

Row	Col	Volts	Phase	Ind	PCT	Chan	Loc	Inch1	Inch2	Degrees	From	To
3	78	0.30	52	DSI		P1	02H	0.00			07C	01H
3	78	1.43	88	DSI		P1	03H	0.00			07C	01H
3	78	0.40	106	MAI		3	03H	0.00			03H	03H
3	79	0.85	63	DSI		P1	02H	-0.06			07H	TEH
3	79	0.78	80	DSI		P1	03H	0.00			07H	TEH
3	79	0.67	98	DSI		P1	04H	-0.14			07H	TEH
3	85	0.50	37	DSI		P1	01H	-0.03			07H	TEH
3	89	0.29	87	DSI		P1	04H	0.00			07H	TEH
3	92	1.02	75	DSI		P1	02H	0.00			07H	TEH
3	94	0.62	80	PCT	65	P1	01C	-0.41			07C	TEC
3	94	0.07	126	VOL		3	01C	-0.01			01C	01C
4	3	0.71	58	DSI		P1	01H	-0.03			07H	TEH
4	3	0.52	47	DSI		P1	04H	0.00			07H	TEH
4	5	0.79	88	DSI		P1	02H	-0.15			07H	TEH
4	8	0.58	44	DSI		P1	01H	-0.03			07H	TEH
4	8	1.02	72	DSI		P1	02H	-0.03			07H	TEH
4	8	0.67	69	DSI		P1	03H	-0.06			07H	TEH
4	10	0.96	109	DSI		P1	01H	0.06			07H	TEH
4	12	0.54	70	DSI		P1	01H	-0.14			07H	TEH
4	13	1.37	80	DSI		P1	01H	-0.03			07H	TEH
4	13	0.70	66	DSI		P1	02H	-0.08			07H	TEH
4	13	0.52	106	MAI		3	01H	0.00			01H	01H
4	15	0.59	78	DSI		P1	01H	-0.06			07H	TEH
4	16	0.60	60	DSI		P1	01H	0.03			07H	TEH
4	23	1.31	115	NQI		P1	TSH	0.31			07H	TEH
4	23	0.56	95	DSI		P1	01H	-0.08			07H	TEH
4	23	0.31	108	MAI		3	TSH	0.48	-0.13		TSH	TSH
4	23	0.26	107	DSI		P1	02H	0.00			TEH	TEC
4	23	0.42	119	MAI		3	01H	-0.01			01H	01H
4	23	0.29	114	SAI		3	02H	0.00			02H	02H
4	24	3.82	151	NQI		P1	TSH	0.17			07H	TEH
4	24	0.75	112	DSI		P1	01H	0.11			07H	TEH
4	24	0.44	95	MAI		3	TSH	0.48	0.10		TSH	TSH
4	24	0.46	107	MAI		3	01H	0.00			01H	01H
4	25	0.74	117	DSI		P1	01H	0.00			07H	TEH
4	25	0.40	61	DSI		P1	02H	-0.06			07H	TEH
4	25	0.27	50	MAI		3	TSH	0.36	0.01		TSH	TSH
4	25	0.41	115	MAI		3	01H	0.00			01H	01H
4	25	0.28	136	MAI		3	02H	0.00			02H	02H
4	27	0.41	95	DSI		P1	01H	0.00			07H	TEH
4	29	1.87	91	DSI		P1	01H	-0.08			07H	TEH
4	29	0.21	114	DSI		P1	02H	0.03			07H	TEH
4	29	0.39	110	DSI		P1	04H	-0.06			07H	TEH
4	29	0.47	104	MAI		3	01H	-0.14			01H	01H
4	31	1.37	63	DSI		P1	01H	-0.06			07H	TEH
4	31	0.75	108	MAI		3	01H	0.05			01H	01H
4	32	2.13	88	DSI		P1	01H	0.00			07H	TEH
4	32	0.71	100	MAI		3	01H	-0.05			01H	01H
4	34	0.55	117	DSI		P1	03H	-0.08			07H	TEH

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RC-E-1B
(TUBES WITH INDICATIONS)

Row	Col	Volts	Phase	Ind	PCT	Chan	Loc	Inch1	Inch2	Degrees	From	To
4	35	0.70	53	DSI		P1	01H	0.03			07H	TEH
4	35	0.77	73	DSI		P1	02H	0.00			07H	TEH
4	36	0.67	50	DSI		P1	02H	0.03			07H	TEH
4	36	0.75	80	DSI		P1	03H	0.14			07H	TEH
4	36	0.54	78	DSI		P1	04H	-0.08			07H	TEH
4	38	0.44	97	DSI		P1	02H	0.11			07H	TEH
4	38	0.28	102	MAI		3	02H	0.18			02H	02H
4	39	0.67	39	DSI		P1	01H	0.00			07H	TEH
4	39	0.25	126	DSI		P1	02H	0.03			07H	TEH
4	44	0.56	120	DSI		P1	01H	0.03			07H	TEH
4	49	0.47	71	DSI		P1	01H	-0.11			07H	TEH
4	49	0.13	118	DSI		P1	04H	-0.03			07H	TEH
4	50	0.32	20	DSI		P1	01H	-0.03			07H	TEH
4	52	0.36	82	DSI		P1	01H	-0.03			07H	TEH
4	57	0.88	83	DSI		P1	01H	-0.08			07H	TEH
4	57	0.57	74	DSI		P1	02H	0.06			07H	TEH
4	57	0.53	31	DSI		P1	03H	0.03			07H	TEH
4	57	0.42	128	DSI		P1	04H	-0.06			07H	TEH
4	57	0.36	120	DSI		P1	04H	0.00			07C	04H
4	58	1.29	69	DSI		P1	01H	0.00			07H	TEH
4	58	0.73	104	MAI		3	01H	-0.01			01H	01H
4	60	0.84	81	DSI		P1	01H	0.00			07H	TEH
4	60	0.36	101	DSI		P1	02H	-0.11			07H	TEH
4	65	0.46	66	DSI		P1	01H	0.00			07H	TEH
4	65	0.60	76	DSI		P1	02H	-0.06			07H	TEH
4	70	0.81	97	DSI		P1	01H	-0.14			07H	TEH
4	72	0.41	75	DSI		P1	03H	0.00			07H	TEH
4	74	0.28	64	DSI		P1	01H	0.03			07H	TEH
4	75	0.55	71	DSI		P1	04H	0.00			07H	TEH
4	76	1.19	77	DSI		P1	01H	-0.03			07H	TEH
4	76	0.74	104	SAI		3	01H	0.01			01H	01H
4	82	0.50	47	DSI		P1	01H	-0.03			07H	TEH
4	85	0.82	48	DSI		P1	02H	-0.08			07H	TEH
4	85	1.29	73	DSI		P1	04H	0.00			07H	TEH
4	85	0.32	122	MAI		3	04H	0.03			04H	04H
4	86	0.65	75	DSI		P1	01H	0.03			07H	TEH
4	93	0.34	151	PCT	0	P1	02C	-0.10			07C	TEC
4	94	0.65	121	PCT	23	P1	01C	-0.08			07C	TEC
4	94	0.43	126	VOL		P1	01C	0.01			01C	01C
5	3	0.63	18	DSI		P1	02H	0.06			TEH	TEC
5	3	0.57	99	DSI		P1	04H	0.17			TEH	TEC
5	4	0.91	90	DSI		P1	01H	0.11			TEH	TEC
5	4	0.39	95	DSI		P1	02H	0.08			TEH	TEC
5	6	1.39	77	DSI		P1	01H	0.08			TEH	TEC
5	6	0.98	94	MAI		3	01H	0.00			01H	01H
5	10	0.79	71	DSI		P1	01H	0.06			TEH	TEC
5	13	0.38	81	DSI		P1	01H	0.00			TEH	TEC
5	13	1.12	65	DSI		P1	02H	0.15			TEH	TEC
5	13	0.42	53	DSI		P1	04H	-0.06			TEH	TEC

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RC-E-1B
(TUBES WITH INDICATIONS)

Row	Col	Volts	Phase	Ind	PCT	Chan	Loc	Inch1	Inch2	Degrees	From	To
5	14	0.63	90	DSI		P1	01H	0.00			TEH	TEC
5	14	0.51	21	DSI		P1	02H	0.00			TEH	TEC
5	15	0.88	48	DSI		P1	01H	0.00			TEH	TEC
5	18	0.42	94	DSI		P1	01H	-0.14			07C	TEH
5	18	1.51	84	DSI		P1	02H	-0.11			07C	TEH
5	18	0.21	56	SAI		3	TSH	0.45	0.19		TSH	TSH
5	18	0.16	131	MAI		3	01H	-0.06			01H	01H
5	20	0.48	61	DSI		P1	01H	0.00			07C	TEH
5	20	0.25	100	SAI		3	TSH	0.41	0.15		TSH	TSH
5	20	0.28	129	MAI		3	01H	0.03			01H	01H
5	22	0.70	71	DSI		P1	01H	-0.03			TEH	TEC
5	26	0.34	28	DSI		P1	01H	0.03			TEH	TEC
5	27	1.04	110	DSI		P1	01H	-0.17			07C	TEH
5	27	0.47	65	SAI		3	TSH	-0.22	-0.39		TSH	TSH
5	28	0.64	81	DSI		P1	01H	0.06			TEH	TEC
5	31	0.31	57	DSI		P1	01H	0.03			TEH	TEC
5	38	0.38	47	DSI		P1	01H	-0.09			TEH	TEC
5	39	0.70	34	DSI		P1	02H	0.00			TEH	TEC
5	40	1.24	86	DSI		P1	01H	0.09			TEH	TEC
5	40	0.21	91	MAI		3	01H	0.13			01H	01H
5	41	1.32	74	DSI		P1	01H	-0.03			TEH	TEC
5	41	0.33	110	MAI		3	01H	-0.01			01H	01H
5	42	0.65	77	DSI		P1	01H	-0.05			TEH	TEC
5	46	0.72	112	DSI		P1	01H	0.00			TEH	TEC
5	50	0.22	103	SAI		3	TSH	-0.29	-0.38		TSH	TSH
5	54	0.59	53	DSI		P1	01H	0.00			TEH	TEC
5	54	0.93	56	DSI		P1	02H	0.00			TEH	TEC
5	57	0.61	65	DSI		P1	01H	0.03			TEH	TEC
5	57	0.36	55	DSI		P1	02H	0.05			TEH	TEC
5	59	0.83	92	DSI		P1	01H	-0.05			TEH	TEC
5	60	0.66	80	DSI		P1	01H	-0.05			TEH	TEC
5	64	0.45	59	DSI		P1	01H	0.08			TEH	TEC
5	65	0.67	136	DSI		P1	01H	0.18			TEH	TEC
5	67	0.81	49	DSI		P1	02H	0.03			TEH	TEC
5	68	0.47	35	DSI		P1	01H	0.03			TEH	TEC
5	78	0.51	47	DSI		P1	02H	0.00			TEH	TEC
5	78	0.24	54	DSI		P1	03H	0.00			TEH	TEC
5	79	1.27	54	DSI		P1	02H	0.03			TEH	TEC
5	79	0.57	110	SAI		3	02H	-0.04			02H	02H
5	83	1.37	15	SAI		3	TSH	-0.22	-0.36		TSH	TSH
5	88	0.33	46	DSI		P1	01H	0.00			TEH	TEC
5	88	0.52	31	DSI		P1	04H	0.00			TEH	TEC
5	93	0.18	119	DSI		P1	04H	0.10			TEH	TEC
5	93	1.00	134	PCT	1	P1	01C	0.00			TEH	TEC
5	93	0.34	133	VOL		P1	01C	0.01			01C	01C
5	94	1.32	129	PCT	9	P1	02C	-0.10			TEH	TEC
5	94	0.65	126	PCT	13	P1	01C	0.00			TEH	TEC
5	94	0.23	113	VOL		P1	02C	-0.02			02C	02C
6	1	0.44	57	DSI		P1	01H	0.09			TEH	TEC

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(TUBES WITH INDICATIONS)

Row	Col	Volts	Phase	Ind	PCT	Chan	Loc	Inch1	Inch2	Degrees	From	To
6	3	0.55	92	DSI		P1	01H	0.00			TEH	TEC
6	4	0.31	146	DSI		P1	03H	-0.03			TEH	TEC
6	4	15.62	153	PSI		8	07H	0.00			TEH	TEC
6	4	0.55	170	CSI		9	07H	0.00			07H	07H
6	5	1.37	67	DSI		P1	01H	-0.03			TEH	TEC
6	5	0.78	76	DSI		P1	03H	0.08			TEH	TEC
6	5	0.31	109	DSI		P1	05H	0.00			TEH	TEC
6	5	0.78	108	MAI		3	01H	-0.01			01H	01H
6	6	0.50	47	DSI		P1	02H	0.03			TEH	TEC
6	7	0.41	56	DSI		P1	01H	0.03			TEH	TEC
6	7	0.31	105	DSI		P1	02H	0.09			TEH	TEC
6	9	1.15	84	DSI		P1	01H	-0.05			TEH	TEC
6	9	0.82	64	DSI		P1	03H	0.00			TEH	TEC
6	9	0.73	103	MAI		3	01H	0.00			01H	01H
6	13	0.98	71	DSI		P1	01H	0.08			TEH	TEC
6	14	0.87	59	DSI		P1	01H	0.00			TEH	TEC
6	17	1.06	67	DSI		P1	01H	0.11			TEH	TEC
6	19	1.52	65	DSI		P1	01H	0.06			TEH	TEC
6	19	0.28	92	MAI		3	01H	0.00			01H	01H
6	21	0.91	60	DSI		P1	01H	0.03			TEH	TEC
6	22	0.72	48	DSI		P1	01H	0.06			TEH	TEC
6	24	0.33	102	NQI		P1	TSH	1.47			06C	TEH
6	24	1.67	99	DSI		P1	01H	0.14			06C	TEH
6	26	0.92	41	DSI		P1	01H	-0.03			TEH	TEC
6	26	0.10	83	MAI		3	01H	0.14			01H	01H
6	29	0.16	100	SAI		3	TSH	0.29	0.12		TSH	TSH
6	30	0.67	98	DSI		P1	01H	0.09			TEH	TEC
6	30	0.54	90	DSI		P1	02H	-0.06			TEH	TEC
6	30	0.12	59	MAI		3	TSH	0.24	-0.01		TSH	TSH
6	30	0.30	119	MAI		3	01H	-0.22			01H	01H
6	30	0.26	112	SAI		3	02H	-0.09			02H	02H
6	31	0.51	59	DSI		P1	01H	-0.09			TEH	TEC
6	34	0.36	78	SAI		3	TSH	0.44	0.14		TSH	TSH
6	35	0.50	72	DSI		P1	01H	-0.09			TEH	TEC
6	38	0.76	96	DSI		P1	01H	-0.06			07H	TEH
6	38	0.76	86	DSI		P1	01H	-0.06			TEH	TEC
6	40	0.44	44	DSI		P1	01H	-0.03			TEH	TEC
6	40	0.60	77	DSI		P1	04H	-0.09			TEH	TEC
6	41	0.53	111	DSI		P1	01H	-0.09			TEH	TEC
6	44	0.57	101	DSI		P1	01H	-0.03			TEH	TEC
6	46	0.94	76	DSI		P1	01H	0.05			TEH	TEC
6	48	0.41	63	DSI		P1	01H	0.10			TEH	TEC
6	50	0.82	57	DSI		P1	01H	-0.03			TEH	TEC
6	56	0.32	78	DSI		P1	01H	0.08			TEH	TEC
6	61	0.50	45	DSI		P1	01H	0.10			TEH	TEC
6	65	0.44	33	DSI		P1	01H	0.05			TEH	TEC
6	78	0.57	110	DSI		P1	01H	0.15			TEH	TEC
6	78	0.38	59	DSI		P1	03H	0.00			TEH	TEC
6	83	0.67	116	DSI		P1	01H	0.15			TEH	TEC

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Row	Col	Volts	Phase	Ind	PCT	Chan	Loc	Inch1	Inch2	Degrees	From	To
6	86	0.36	64	DSI		P1	02H	0.05			TEH	TEC
6	87	0.39	81	DSI		P1	02H	0.05			TEH	TEC
6	87	0.64	121	DSI		P1	04H	0.13			TEH	TEC
7	1	0.65	102	PCT	37	P1	02C	0.03			TEH	TEC
7	6	1.12	80	DSI		P1	01H	0.06			TEH	TEC
7	9	1.37	85	DSI		P1	01H	0.11			TEH	TEC
7	9	0.69	103	DSI		P1	02H	0.08			TEH	TEC
7	9	0.59	56	DSI		P1	04H	0.03			TEH	TEC
7	9	0.55	116	MAI		3	01H	0.00			01H	01H
7	9	0.41	106	MAI		3	01H	0.03			01H	01H
7	10	1.32	62	DSI		P1	01H	0.06			TEH	TEC
7	10	0.60	114	MAI		3	01H	-0.01			01H	01H
7	11	1.20	92	DSI		P1	01H	0.11			06C	TEH
7	12	0.72	68	DSI		P1	01H	0.06			TEH	TEC
7	12	1.39	49	DSI		P1	02H	0.06			TEH	TEC
7	12	0.59	115	MAI		3	02H	0.02			02H	02H
7	13	1.49	133	DSI		P1	01H	0.03			TEH	TEC
7	13	0.54	109	MAI		3	01H	0.01			01H	01H
7	14	0.57	93	DSI		P1	01H	-0.03			TEH	TEC
7	14	1.30	91	DSI		P1	02H	-0.03			TEH	TEC
7	14	0.74	107	SAI		3	02H	0.00			02H	02H
7	18	1.17	85	DSI		P1	01H	-0.03			TEH	TEC
7	18	0.64	102	MAI		3	01H	0.00			01H	01H
7	21	0.51	49	DSI		P1	01H	0.18			TEH	TEC
7	23	0.46	126	DSI		P1	01H	-0.11			07C	TEH
7	23	0.72	58	DSI		P1	02H	0.00			07C	TEH
7	23	0.24	98	SAI		3	TSH	0.13	0.00		TSH	TSH
7	23	0.25	109	SAI		3	01H	-0.12			01H	01H
7	23	0.35	113	SAI		3	02H	0.00			02H	02H
7	25	0.44	101	DSI		P1	01H	0.03			07C	TEH
7	25	0.15	92	SAI		3	TSH	0.47	0.15		TSH	TSH
7	25	0.42	109	MAI		3	01H	0.00			01H	01H
7	28	0.36	95	DSI		P1	01H	0.00			TEH	TEC
7	31	0.21	136	NQI		P1	TSH	0.25			07C	TEH
7	31	0.35	36	DSI		P1	02H	0.00			07C	TEH
7	31	0.32	116	SAI		3	TSH	0.71	0.31		TSH	TSH
7	31	0.25	117	SAI		3	02H	0.08			02H	02H
7	34	1.93	131	NQI		P1	TSH	0.62			07C	TEH
7	34	1.18	95	MAI		3	TSH	0.94	0.11		TSH	TSH
7	36	0.42	62	DSI		P1	02H	-0.06			TEH	TEC
7	36	0.16	130	SAI		3	TSH	0.83	0.26		TSH	TSH
7	38	0.75	91	DSI		P1	01H	0.00			07C	TEH
7	38	0.73	90	DSI		P1	01H	0.00			07H	TEH
7	38	0.17	62	SAI		3	TSH	0.73	0.20		TSH	TSH
7	38	0.37	106	MAI		3	01H	0.00			01H	01H
7	44	0.84	77	DSI		P1	01H	-0.05			TEH	TEC
7	45	0.41	80	DSI		P1	01H	-0.05			TEH	TEC
7	51	0.66	69	DSI		P1	01H	0.10			TEH	TEC
7	56	0.66	64	DSI		P1	01H	0.00			TEH	TEC

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(TUBES WITH INDICATIONS)

Row	Col	Volts	Phase	Ind	PCT	Chan	Loc	Inch1	Inch2	Degrees	From	To
7	57	0.82	57	DSI		P1	01H	0.08			TEH	TEC
7	58	1.21	85	DSI		P1	01H	0.00			TEH	TEC
7	58	0.77	106	MAI		3	01H	0.00			01H	01H
7	60	1.58	96	DSI		P1	01H	-0.03			TEH	TEC
7	60	0.67	109	MAI		3	01H	-0.07			01H	01H
7	63	0.39	62	DSI		P1	01H	-0.03			TEH	TEC
7	65	0.81	46	DSI		P1	01H	0.00			TEH	TEC
7	72	0.93	56	DSI		P1	01H	0.13			TEH	TEC
7	73	0.71	35	DSI		P1	01H	0.03			TEH	TEC
7	74	1.31	108	DSI		P1	01H	0.00			TEH	TEC
7	74	0.35	83	DSI		P1	07H	0.08			TEH	TEC
7	74	0.32	101	SAI		3	01H	0.11			01H	01H
7	81	0.42	123	DSI		P1	01H	0.03			TEH	TEC
7	88	0.63	48	DSI		P1	02H	0.05			TEH	TEC
7	88	0.33	45	DSI		P1	04H	0.08			TEH	TEC
7	89	0.25	37	DSI		P1	02H	0.05			TEH	TEC
7	91	0.43	115	PCT	31	P1	02C	0.19			TEH	TEC
7	91	0.16	117	VOL		3	02C	0.12			02C	02C
7	92	0.92	124	PCT	19	P1	01C	-0.05			TEH	TEC
7	93	0.68	150	DSI		P1	01H	0.00			TEH	TEC
7	94	0.65	125	PCT	15	P1	01C	-0.10			TEH	TEC
7	94	0.19	114	VOL		P1	01C	0.02			01C	01C
8	2	0.69	128	PCT	10	P1	02C	0.00			TEH	TEC
8	5	0.36	94	DSI		P1	01H	0.09			TEH	TEC
8	6	0.99	81	DSI		P1	01H	0.09			TEH	TEC
8	13	1.44	52	DSI		P1	01H	0.06			TEH	TEC
8	13	0.45	124	DSI		P1	06H	-0.09			TEH	TEC
8	13	0.29	92	MAI		3	01H	-0.02			01H	01H
8	17	0.48	83	DSI		P1	01H	0.06			TEH	TEC
8	18	0.95	38	DSI		P1	01H	0.14			TEH	TEC
8	18	0.51	111	MAI		3	01H	0.00			01H	01H
8	21	0.42	67	DSI		P1	01H	0.06			TEH	TEC
8	26	0.15	46	NQI		P1	TSH	1.78			TEH	TEC
8	28	0.54	100	NQI		P1	TSH	0.68			07C	TEH
8	28	0.51	88	DSI		P1	01H	-0.11			07C	TEH
8	28	0.31	111	MAI		3	TSH	0.89	0.28		TSH	TSH
8	28	0.10	114	MAI		3	01H	-0.11			01H	01H
8	29	0.28	112	SAI		3	TSH	1.07	0.39		TSH	TSH
8	31	1.76	106	NQI		P1	TSH	0.71			07C	TEH
8	31	0.44	122	DSI		P1	02H	0.06			07C	TEH
8	31	0.90	103	MAI		3	TSH	1.58	0.79		TSH	TSH
8	31	0.19	129	SAI		3	02H	0.03			02H	02H
8	32	0.15	132	NQI		P1	TSH	1.18			07C	TEH
8	32	0.21	122	SAI		3	TSH	1.38	1.23		TSH	TSH
8	34	0.50	109	NQI		P1	TSH	0.62			07C	TEH
8	34	0.29	104	NQI		P1	TSH	1.07			07C	TEH
8	34	0.71	85	DSI		P1	01H	0.03			07C	TEH
8	34	0.32	129	MAI		3	TSH	1.37	0.35		TSH	TSH
8	34	0.33	103	MAI		3	01H	0.04			01H	01H

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(TUBES WITH INDICATIONS)

Row	Col	Volts	Phase	Ind	PCT	Chan	Loc	Inch1	Inch2	Degrees	From	To
8	35	0.48	103	NQI		P1	TSH	0.54			07C	TEH
8	35	0.22	106	NQI		P1	TSH	1.13			07C	TEH
8	35	0.32	90	MAI		3	TSH	1.52	0.39		TSH	TSH
8	36	0.22	66	NQI		P1	TSH	1.07			07C	TEH
8	36	0.20	113	SAI		3	TSH	1.36	0.95		TSH	TSH
8	39	0.91	78	DSI		P1	01H	0.00			07C	TEH
8	39	0.47	97	SAI		3	TSH	0.89	0.49		TSH	TSH
8	39	0.26	111	MAI		3	01H	-0.08			01H	01H
8	44	0.83	28	DSI		P1	01H	0.05			TEH	TEC
8	44	0.11	81	SAI		3	01H	0.13			01H	01H
8	45	0.64	81	DSI		P1	01H	0.00			TEH	TEC
8	47	1.11	71	DSI		P1	01H	0.00			TEH	TEC
8	50	0.92	92	DSI		P1	01H	-0.08			TEH	TEC
8	58	0.31	41	DSI		P1	02H	0.03			TEH	TEC
8	64	0.95	60	DSI		P1	01H	0.00			TEH	TEC
8	74	1.37	97	DSI		P1	01H	0.13			TEH	TEC
8	74	0.66	112	MAI		3	01H	0.01			01H	01H
8	82	0.39	99	DSI		P1	01H	0.05			TEH	TEC
8	82	0.95	82	DSI		P1	02H	0.05			TEH	TEC
8	88	0.46	78	DSI		P1	01H	0.05			TEH	TEC
8	92	3.41	103	PCT	42	P1	01C	-0.20			TEH	TEC
8	92	0.99	98	VOL		3	01C	-0.18			01C	01C
9	3	0.45	135	DSI		P1	02H	0.00			TEH	TEC
9	8	0.86	42	DSI		P1	01H	0.03			TEH	TEC
9	8	0.53	45	DSI		P1	02H	0.06			TEH	TEC
9	8	0.59	23	DSI		P1	04H	0.09			TEH	TEC
9	8	0.32	99	MAI		3	01H	0.00			01H	01H
9	9	1.30	64	DSI		P1	01H	0.00			TEH	TEC
9	9	0.54	95	MAI		3	01H	0.00			01H	01H
9	10	0.57	78	DSI		P1	01H	-0.03			TEH	TEC
9	12	0.51	31	DSI		P1	01H	0.00			TEH	TEC
9	15	1.08	42	DSI		P1	01H	0.09			TEH	TEC
9	15	0.28	73	DSI		P1	02H	0.12			TEH	TEC
9	15	0.14	114	MAI		3	01H	0.12			01H	01H
9	18	1.60	17	SAI		3	TSH	-1.25	-1.48		TSH	TSH
9	19	0.66	67	DSI		P1	01H	0.03			TEH	TEC
9	22	0.57	108	DSI		P1	01H	-0.06			07C	TEH
9	22	0.16	143	SAI		3	TSH	-0.07	-0.24		TSH	TSH
9	22	0.27	100	MAI		3	01H	0.00			01H	01H
9	24	0.44	36	DSI		P1	01H	0.09			TEH	TEC
9	25	0.97	99	DSI		P1	01H	-0.11			07C	TEH
9	25	0.37	94	SAI		3	TSH	0.55	0.27		TSH	TSH
9	25	0.39	110	SAI		3	01H	-0.15			01H	01H
9	26	0.32	106	DSI		P1	01H	-0.06			TEH	TEC
9	28	0.44	120	NQI		P1	TSH	0.76			07C	TEH
9	28	0.92	108	DSI		P1	01H	0.00			07C	TEH
9	28	0.43	99	MAI		3	TSH	1.22	0.23		TSH	TSH
9	28	0.34	118	MAI		3	01H	0.10			01H	01H
9	29	1.28	134	NQI		P1	TSH	0.50			06C	TEH

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(TUBES WITH INDICATIONS)

Row	Col	Volts	Phase	Ind	PCT	Chan	Loc	Inch1	Inch2	Degrees	From	To
9	29	0.86	100	NQI		P1	TSH	0.87			06C	TEH
9	29	0.46	110	DSI		P1	01H	-0.08			06C	TEH
9	29	0.46	96	MAI		3	TSH	1.32	0.22		TSH	TSH
9	29	0.43	112	SAI		3	01H	0.01			01H	01H
9	32	0.70	112	NQI		P1	TSH	1.46			07C	TEH
9	32	0.40	76	DSI		P1	01H	0.00			07C	TEH
9	32	0.36	96	MAI		3	TSH	1.68	0.74		TSH	TSH
9	32	0.24	107	MAI		3	01H	0.09			01H	01H
9	33	0.20	127	NQI		P1	TSH	1.10			07C	TEH
9	33	0.15	91	SAI		3	TSH	1.75	0.61		TSH	TSH
9	34	0.27	139	NQI		P1	TSH	0.75			07C	TEH
9	34	0.35	97	NQI		P1	TSH	1.14			07C	TEH
9	34	0.18	96	NQI		P1	TSH	1.48			07C	TEH
9	34	0.57	103	MAI		3	TSH	1.75	0.34		TSH	TSH
9	35	0.70	105	NQI		P1	TSH	0.90			07C	TEH
9	35	0.23	67	NQI		P1	TSH	1.46			07C	TEH
9	35	0.56	103	MAI		3	TSH	1.87	0.62		TSH	TSH
9	36	2.07	107	NQI		P1	TSH	1.15			07C	TEH
9	36	1.49	105	DSI		P1	01H	-0.12			07C	TEH
9	36	1.96	104	DSI		P1	02H	-0.06			07C	TEH
9	36	1.20	113	MAI		3	TSH	1.90	0.32		TSH	TSH
9	37	0.31	104	DSI		P1	01H	0.00			07C	TEH
9	37	0.43	84	MAI		3	TSH	1.54	0.68		TSH	TSH
9	37	0.33	108	SAI		3	01H	-0.04			01H	01H
9	38	0.15	134	MAI		3	TSH	1.52	0.32		TSH	TSH
9	39	0.24	103	NQI		P1	TSH	0.99			07C	TEH
9	39	0.53	92	MAI		3	TSH	1.03	0.74		TSH	TSH
9	40	0.29	97	MAI		3	TSH	1.42	0.82		TSH	TSH
9	45	0.28	60	SAI		3	TSH	0.58	0.30		TSH	TSH
9	46	0.42	35	DSI		P1	01H	0.05			TEH	TEC
9	47	0.29	137	SAI		3	TSH	0.47	0.13		TSH	TSH
9	48	1.56	76	DSI		P1	01H	-0.16			TEH	TEC
9	48	0.63	107	DSI		P1	02H	0.00			TEH	TEC
9	48	0.22	126	MAI		3	01H	-0.17			01H	01H
9	59	1.44	81	DSI		P1	01H	0.08			TEH	TEC
9	59	0.48	113	MAI		3	01H	0.00			01H	01H
9	67	0.61	58	DSI		P1	01H	-0.03			TEH	TEC
9	70	0.75	50	DSI		P1	01H	0.05			TEH	TEC
9	70	0.45	52	DSI		P1	03H	0.05			TEH	TEC
9	72	0.94	68	DSI		P1	01H	0.03			TEH	TEC
9	72	0.67	39	DSI		P1	02H	0.00			TEH	TEC
9	73	0.43	85	DSI		P1	02H	0.03			TEH	TEC
9	74	0.63	38	DSI		P1	02H	0.05			TEH	TEC
9	75	1.28	91	DSI		P1	01H	0.00			TEH	TEC
9	75	0.67	116	DSI		P1	02H	-0.08			TEH	TEC
9	75	0.75	109	SAI		3	01H	0.01			01H	01H
9	79	0.45	70	DSI		P1	01H	0.11			TEH	TEC
9	79	0.57	34	DSI		P1	03H	0.08			TEH	TEC
9	79	0.95	41	DSI		P1	04H	-0.03			TEH	TEC

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Row	Col	Volts	Phase	Ind	PCT	Chan	Loc	Inch1	Inch2	Degrees	From	To
9	79	0.31	119	MAI		3	04H	-0.02			04H	04H
9	81	0.91	111	DSI		P1	04H	0.16			TEH	TEC
9	82	0.94	70	DSI		P1	01H	0.03			TEH	TEC
9	82	0.70	72	DSI		P1	02H	0.00			TEH	TEC
9	83	0.74	45	DSI		P1	01H	-0.05			TEH	TEC
9	83	0.76	54	DSI		P1	02H	0.00			TEH	TEC
9	84	0.74	41	DSI		P1	02H	-0.05			TEH	TEC
9	86	0.53	39	DSI		P1	02H	0.03			TEH	TEC
9	91	0.51	37	DSI		P1	02H	0.05			TEH	TEC
9	91	0.60	47	DSI		P1	04H	0.03			TEH	TEC
9	91	0.98	53	DSI		P1	05H	0.00			TEH	TEC
9	93	1.34	121	PCT	23	P1	02C	0.03			TEH	TEC
9	93	0.68	118	VOL		3	02C	0.08			02C	02C
10	2	0.84	128	PCT	4	P1	02C	-0.20			TEH	TEC
10	3	0.30	132	PCT	6	P1	03C	-0.03			TEH	TEC
10	3	0.34	127	VOL		3	03C	0.00			03C	03C
10	4	0.74	61	DSI		P1	01H	0.06			TEH	TEC
10	9	0.48	45	DSI		P1	01H	0.09			TEH	TEC
10	10	0.64	80	DSI		P1	01H	0.03			TEH	TEC
10	11	1.32	89	DSI		P1	01H	0.09			TEH	TEC
10	11	0.83	91	DSI		P1	02H	-0.06			TEH	TEC
10	11	0.55	115	MAI		3	01H	0.01			01H	01H
10	12	0.28	84	DSI		P1	01H	0.17			TEH	TEC
10	13	1.62	91	DSI		P1	01H	0.12			TEH	TEC
10	13	0.88	101	SAI		3	01H	0.01			01H	01H
10	14	0.53	88	DSI		P1	01H	0.03			TEH	TEC
10	14	0.44	59	DSI		P1	02H	0.00			TEH	TEC
10	15	1.11	45	DSI		P1	01H	0.06			TEH	TEC
10	15	0.34	80	DSI		P1	02H	-0.06			TEH	TEC
10	15	0.71	93	MAI		3	01H	0.02			01H	01H
10	16	1.88	84	DSI		P1	01H	0.00			TEH	TEC
10	16	1.16	97	MAI		3	01H	0.08			01H	01H
10	17	0.44	57	DSI		P1	01H	0.08			TEH	TEC
10	20	1.11	91	DSI		P1	01H	0.06			TEH	TEC
10	21	0.42	47	DSI		P1	01H	0.03			TEH	TEC
10	25	0.51	115	DSI		P1	01H	-0.03			07C	TEH
10	25	0.26	122	MAI		3	TSH	0.63	0.08		TSH	TSH
10	25	0.29	117	MAI		3	01H	-0.07			01H	01H
10	26	0.20	117	DSI		P1	01H	0.00			07C	TEH
10	26	0.19	106	MAI		3	TSH	0.40	0.06		TSH	TSH
10	26	0.30	121	MAI		3	01H	-0.04			01H	01H
10	28	0.20	120	MAI		3	TSH	1.93	0.49		TSH	TSH
10	30	0.24	116	SAI		3	TSH	1.72	1.07		TSH	TSH
10	31	0.72	94	NQI		P1	TSH	1.58			07C	TEH
10	31	0.45	80	MAI		3	TSH	2.24	1.52		TSH	TSH
10	32	0.09	110	SAI		3	TSH	2.13	1.91		TSH	TSH
10	33	0.94	125	NQI		P1	TSH	1.85			07C	TEH
10	33	0.34	108	SAI		3	TSH	2.19	1.85		TSH	TSH
10	38	0.13	116	MAI		3	TSH	0.95	0.57		TSH	TSH

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Row	Col	Volts	Phase	Ind	PCT	Chan	Loc	Inch1	Inch2	Degrees	From	To
10	39	0.68	106	DSI		P1	01H	-0.06			07C	TEH
10	39	0.19	116	MAI		3	TSH	0.82	0.58		TSH	TSH
10	39	0.34	110	MAI		3	01H	-0.01			01H	01H
10	40	0.14	129	SAI		3	TSH	1.00	0.62		TSH	TSH
10	40	0.13	101	SAI		3	TSH	1.63	1.23		TSH	TSH
10	45	0.16	115	SAI		3	TSH	0.77	0.50		TSH	TSH
10	47	0.53	109	MAI		3	TSH	0.58	0.25		TSH	TSH
10	48	0.29	120	SAI		3	TSH	0.81	0.23		TSH	TSH
10	53	0.44	24	DSI		P1	01H	0.03			TEH	TEC
10	53	0.64	23	DSI		P1	02H	0.05			TEH	TEC
10	56	0.36	58	DSI		P1	01H	0.03			TEH	TEC
10	61	0.85	15	SAI		3	TSH	-1.40	-1.50		TSH	TSH
10	61	0.67	18	SAI		3	TSH	-0.21	-0.31		TSH	TSH
10	63	0.74	47	DSI		P1	01H	0.20			TEH	TEC
10	65	1.01	47	DSI		P1	01H	0.00			TEH	TEC
10	66	1.54	93	DSI		P1	01H	0.05			TEH	TEC
10	66	1.59	97	DSI		P1	02H	0.08			TEH	TEC
10	66	0.71	284	MAI		3	01H	-0.03			01H	01H
10	66	0.64	105	MAI		3	02H	0.05			02H	02H
10	72	0.78	140	DSI		P1	01H	0.18			TEH	TEC
10	82	0.49	41	DSI		P1	02H	0.08			TEH	TEC
10	92	1.71	117	PCT	25	P1	01C	-0.18			TEH	TEC
11	3	0.44	134	PCT	4	P1	01C	-0.27			TEH	TEC
11	4	0.22	114	DSI		P1	03H	0.00			TEH	TEC
11	9	0.81	78	DSI		P1	01H	0.09			TEH	TEC
11	12	0.67	71	DSI		P1	01H	0.00			TEH	TEC
11	14	0.64	79	DSI		P1	01H	0.06			TEH	TEC
11	19	0.54	72	DSI		P1	01H	0.06			TEH	TEC
11	20	1.61	87	DSI		P1	01H	0.03			TEH	TEC
11	20	0.63	114	MAI		3	01H	0.00			01H	01H
11	22	1.10	104	DSI		P1	01H	-0.06			07C	TEH
11	24	0.13	113	SAI		3	TSH	0.44	0.06		TSH	TSH
11	25	0.17	108	SAI		3	TSH	0.57	0.33		TSH	TSH
11	28	0.32	122	NQI		P1	TSH	2.27			07C	TEH
11	28	0.68	111	DSI		P1	01H	-0.11			07C	TEH
11	28	0.72	100	DSI		P1	02H	0.00			07C	TEH
11	28	0.50	101	MAI		3	TSH	2.14	0.21		TSH	TSH
11	28	0.56	104	MAI		3	01H	0.10			01H	01H
11	28	0.38	111	MAI		3	02H	-0.02			02H	02H
11	29	0.71	95	NQI		P1	TSH	1.01			07C	TEH
11	29	0.25	115	NQI		P1	TSH	1.60			07C	TEH
11	29	1.07	102	DSI		P1	01H	-0.06			07C	TEH
11	29	0.44	110	DSI		P1	02H	0.03			07C	TEH
11	29	0.64	104	MAI		3	TSH	2.02	0.27		TSH	TSH
11	29	0.41	107	MAI		3	02H	-0.02			02H	02H
11	31	0.44	86	NQI		P1	TSH	1.46			07C	TEH
11	31	0.47	98	NQI		P1	TSH	2.16			07C	TEH
11	31	0.28	95	DSI		P1	02H	0.00			07C	TEH
11	31	0.31	100	MAI		3	TSH	2.43	1.26		TSH	TSH

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Row	Col	Volts	Phase	Ind	PCT	Chan	Loc	Inch1	Inch2	Degrees	From	To
11	31	0.12	96	MAI		3	02H	-0.06			02H	02H
11	32	0.26	86	NQI		P1	TSH	1.58			07C	TEH
11	32	0.22	36	NQI		P1	TSH	1.86			07C	TEH
11	32	0.63	88	SAI		3	TSH	2.46	1.47		TSH	TSH
11	33	0.32	123	NQI		P1	TSH	2.11			07C	TEH
11	33	0.14	128	MAI		3	TSH	2.51	2.10		TSH	TSH
11	34	0.24	112	NQI		P1	TSH	1.85			07C	TEH
11	34	0.21	63	MAI		3	TSH	2.61	1.63		TSH	TSH
11	38	0.41	75	NQI		P1	TSH	2.14			07C	TEH
11	38	0.63	134	DSI		P1	02H	-0.03			07C	TEH
11	38	0.12	114	SAI		3	TSH	2.65	2.46		TSH	TSH
11	38	0.12	105	SAI		3	TSH	3.07	2.95		TSH	TSH
11	38	0.22	121	MAI		3	02H	-0.13			02H	02H
11	39	1.85	98	NQI		P1	TSH	2.25			07C	TEH
11	39	2.21	92	DSI		P1	01H	-0.12			07C	TEH
11	39	0.80	96	MAI		3	TSH	2.76	1.97		TSH	TSH
11	39	0.36	108	MAI		3	01H	0.00			01H	01H
11	40	0.11	103	SAI		3	TSH	2.45	2.24		TSH	TSH
11	41	1.58	107	NQI		P1	TSH	1.37			07C	TEH
11	41	0.65	98	NQI		P1	TSH	1.90			07C	TEH
11	41	0.38	121	NQI		P1	TSH	2.46			07C	TEH
11	41	0.43	109	DSI		P1	01H	-0.14			07C	TEH
11	41	1.08	99	MAI		3	TSH	2.66	0.25		TSH	TSH
11	41	0.44	120	MAI		3	01H	0.10			01H	01H
11	46	0.37	104	DSI		P1	01H	-0.11			07C	TEH
11	46	0.43	128	DSI		P1	02H	0.11			07C	TEH
11	46	0.34	105	MAI		3	TSH	0.67	0.30		TSH	TSH
11	46	0.18	146	MAI		3	01H	-0.05			01H	01H
11	46	0.21	125	SAI		3	02H	-0.16			02H	02H
11	47	1.27	84	NQI		P1	TSH	0.74			TEH	TEC
11	47	0.48	94	MAI		3	TSH	1.06	0.64		TSH	TSH
11	50	0.57	104	DSI		P1	01H	-0.14			07C	TEH
11	50	0.37	106	SAI		3	TSH	0.45	0.18		TSH	TSH
11	50	0.54	115	SAI		3	01H	-0.04			01H	01H
11	53	0.54	66	DSI		P1	01H	0.08			TEH	TEC
11	58	0.29	115	DSI		P1	02H	-0.03			TEH	TEC
11	60	0.83	60	DSI		P1	01H	0.00			TEH	TEC
11	61	0.21	21	DSI		P1	01H	0.13			TEH	TEC
11	69	0.86	42	DSI		P1	01H	0.05			TEH	TEC
11	69	0.65	94	SAI		3	01H	0.04			01H	01H
11	72	0.49	42	DSI		P1	02H	0.00			TEH	TEC
11	82	0.90	23	DSI		P1	01H	0.00			TEH	TEC
11	82	0.13	130	SAI		3	01H	-0.04			01H	01H
11	91	0.64	141	PCT	0	P1	02C	0.16			TEH	TEC
12	3	1.10	100	DSI		P1	01H	0.12			TEH	TEC
12	4	0.60	36	DSI		P1	03H	0.11			TEH	TEC
12	8	2.03	74	DSI		P1	01H	0.00			TEH	TEC
12	8	0.97	76	DSI		P1	02H	0.00			TEH	TEC
12	8	0.89	91	MAI		3	01H	0.00			01H	01H

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Row	Col	Volts	Phase	Ind	PCT	Chan	Loc	Inch1	Inch2	Degrees	From	To
12	9	0.37	67	DSI		P1	01H	0.09			TEH	TEC
12	11	1.22	61	DSI		P1	01H	0.06			TEH	TEC
12	11	0.21	104	DSI		P1	02H	0.00			TEH	TEC
12	11	0.40	117	MAI		3	01H	0.00			01H	01H
12	19	0.97	65	DSI		P1	02H	0.15			TEH	TEC
12	20	0.56	31	DSI		P1	01H	0.03			TEH	TEC
12	20	0.86	41	DSI		P1	02H	0.06			TEH	TEC
12	20	0.33	111	SAI		3	02H	0.00			02H	02H
12	24	0.19	76	DSI		P1	01H	0.03			06C	TEH
12	24	0.61	90	MAI		3	TSH	0.98	0.03		TSH	TSH
12	24	0.28	106	MAI		3	01H	-0.03			01H	01H
12	27	0.18	105	NQI		P1	TSH	0.76			07C	TEH
12	27	0.11	122	MAI		3	TSH	1.07	0.55		TSH	TSH
12	28	1.24	108	NQI		P1	TSH	0.68			07C	TEH
12	28	0.59	82	DSI		P1	01H	0.00			07C	TEH
12	28	0.79	125	DSI		P1	02H	-0.06			07C	TEH
12	28	0.33	101	MAI		3	TSH	1.88	0.50		TSH	TSH
12	28	0.42	118	SAI		3	01H	-0.08			01H	01H
12	28	0.27	115	MAI		3	02H	-0.08			02H	02H
12	29	0.64	63	NQI		P1	TSH	1.40			05C	TEH
12	29	0.26	96	MAI		3	TSH	1.94	0.96		TSH	TSH
12	31	0.22	107	NQI		P1	TSH	1.04			07C	TEH
12	31	0.62	91	NQI		P1	TSH	1.41			07C	TEH
12	31	0.55	108	NQI		P1	TSH	2.14			07C	TEH
12	31	0.22	106	MAI		3	TSH	2.65	0.28		TSH	TSH
12	33	0.20	109	NQI		P1	TSH	2.32			TEH	TEC
12	33	0.17	137	SAI		3	TSH	2.37	2.22		TSH	TSH
12	34	0.85	106	NQI		P1	TSH	2.58			TEH	TEC
12	34	0.67	90	DSI		P1	01H	-0.06			TEH	TEC
12	34	0.47	105	MAI		3	TSH	2.73	2.33		TSH	TSH
12	34	0.50	115	MAI		3	01H	0.15			01H	01H
12	37	0.36	74	DSI		P1	01H	0.06			TEH	TEC
12	37	0.34	80	DSI		P1	02H	-0.03			TEH	TEC
12	38	0.13	110	SAI		3	TSH	3.29	3.04		TSH	TSH
12	39	0.22	88	NQI		P1	TSH	2.83			07C	TEH
12	39	0.22	93	SAI		3	TSH	2.77	2.66		TSH	TSH
12	43	0.48	102	DSI		P1	01H	-0.06			07C	TEH
12	43	0.18	112	SAI		3	TSH	0.95	0.72		TSH	TSH
12	43	0.26	115	MAI		3	01H	-0.01			01H	01H
12	44	0.40	109	DSI		P1	02H	0.00			07C	TEH
12	44	0.23	113	MAI		3	TSH	1.00	0.20		TSH	TSH
12	44	0.21	139	MAI		3	02H	-0.04			02H	02H
12	46	1.05	82	MAI		3	TSH	1.41	-0.03		TSH	TSH
12	47	0.38	95	NQI		P1	TSH	0.92			07C	TEH
12	47	0.25	61	DSI		P1	02H	-0.06			07C	TEH
12	47	0.19	81	MAI		3	TSH	1.55	0.33		TSH	TSH
12	48	0.22	89	SAI		3	TSH	0.82	0.71		TSH	TSH
12	49	1.09	87	SAI		3	TSH	0.87	0.14		TSH	TSH
12	50	0.18	125	DSI		P1	01H	0.00			07C	TEH

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RC-E-1B
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Row	Col	Volts	Phase	Ind	PCT	Chan	Loc	Inch1	Inch2	Degrees	From	To
12	50	0.61	85	DSI		P1	02H	0.00			07C	TEH
12	50	0.50	95	SAI		3	TSH	0.40	0.05		TSH	TSH
12	50	0.34	105	MAI		3	01H	0.01			01H	01H
12	50	0.59	112	MAI		3	02H	0.03			02H	02H
12	51	0.53	97	DSI		P1	01H	0.03			TEH	TEC
12	54	0.46	100	NQI		P1	TSH	0.51			07C	TEH
12	54	0.32	97	DSI		P1	01H	0.03			07C	TEH
12	54	0.67	60	DSI		P1	02H	0.00			07C	TEH
12	54	0.75	90	SAI		3	TSH	0.80	0.43		TSH	TSH
12	54	0.19	106	MAI		3	01H	0.02			01H	01H
12	54	0.38	118	SAI		3	02H	-0.06			02H	02H
12	55	0.23	78	DSI		P1	01H	0.05			TEH	TEC
12	58	0.52	50	DSI		P1	01H	0.00			TEH	TEC
12	60	0.81	35	DSI		P1	01H	0.00			TEH	TEC
12	60	0.35	113	MAI		3	01H	0.11			01H	01H
12	64	1.01	67	DSI		P1	02H	0.03			TEH	TEC
12	65	0.69	49	DSI		P1	01H	0.00			TEH	TEC
12	70	0.40	58	DSI		P1	04H	0.05			TEH	TEC
12	75	0.70	87	DSI		P1	01H	0.00			TEH	TEC
12	77	0.49	131	DSI		P1	01H	0.11			TEH	TEC
12	80	0.76	100	DSI		P1	01H	0.02			TEH	TEC
12	87	0.61	62	DSI		P1	02H	-0.03			TEH	TEC
12	87	0.46	43	DSI		P1	03H	0.00			TEH	TEC
12	90	0.31	64	DSI		P1	04H	0.15			TEH	TEC
12	91	0.24	130	PCT	10	P1	02C	-0.03			TEH	TEC
12	92	1.54	123	PCT	17	P1	01C	-0.08			TEH	TEC
12	93	0.46	142	PCT	0	P1	05C	-0.21			TEH	TEC
13	3	1.33	100	DSI		P1	01H	0.08			TEH	TEC
13	3	0.37	133	DSI		P1	03H	0.14			TEH	TEC
13	3	1.34	92	DSI		P1	01H	0.15			TEH	TEC
13	3	0.25	103	DSI		P1	03H	0.18			TEH	TEC
13	3	0.81	106	MAI		3	01H	-0.01			01H	01H
13	4	0.99	126	PCT	5	P1	02C	0.00			TEH	TEC
13	9	0.45	45	DSI		P1	02H	0.00			TEH	TEC
13	14	1.05	33	DSI		P1	01H	0.08			TEH	TEC
13	14	0.53	41	DSI		P1	02H	0.11			TEH	TEC
13	14	0.52	113	MAI		3	01H	-0.01			01H	01H
13	15	0.59	74	DSI		P1	01H	0.12			TEH	TEC
13	18	0.44	89	DSI		P1	01H	-0.06			TEH	TEC
13	20	0.56	37	DSI		P1	01H	0.00			TEH	TEC
13	20	0.61	49	DSI		P1	02H	0.06			TEH	TEC
13	22	0.91	100	DSI		P1	01H	-0.11			TEH	TEC
13	22	0.33	75	DSI		P1	02H	0.03			TEH	TEC
13	24	0.61	93	DSI		P1	01H	-0.06			07C	TEH
13	24	0.82	92	DSI		P1	02H	-0.06			07C	TEH
13	24	0.19	74	MAI		3	TSH	0.54	0.01		TSH	TSH
13	24	0.27	123	MAI		3	01H	-0.11			01H	01H
13	24	0.42	114	SAI		3	02H	-0.13			02H	02H
13	25	0.62	92	MAI		3	TSH	1.11	0.13		TSH	TSH

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RC-E-1B
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Row	Col	Volts	Phase	Ind	PCT	Chan	Loc	Inch1	Inch2	Degrees	From	To
13	25	1.45	114	NQI		P1	TSH	0.54			TEH	TEC
13	25	1.56	67	DSI		P1	01H	0.00			TEH	TEC
13	25	1.72	86	DSI		P1	02H	-0.11			TEH	TEC
13	28	1.52	87	NQI		P1	TSH	0.23			07C	TEH
13	28	0.51	109	NQI		P1	TSH	0.65			07C	TEH
13	28	0.43	86	DSI		P1	02H	0.11			07C	TEH
13	28	0.72	97	MAI		3	TSH	1.98	0.39		TSH	TSH
13	28	0.26	118	SAI		3	02H	0.32			02H	02H
13	31	0.56	96	NQI		P1	TSH	1.63			07C	TEH
13	31	0.30	122	NQI		P1	TSH	1.93			07C	TEH
13	31	0.23	134	NQI		P1	TSH	2.36			07C	TEH
13	31	0.17	65	MAI		3	TSH	2.71	0.71		TSH	TSH
13	32	1.05	107	NQI		P1	TSH	1.44			07C	TEH
13	32	0.73	117	NQI		P1	TSH	2.09			07C	TEH
13	32	1.15	100	DSI		P1	01H	-0.20			07C	TEH
13	32	0.46	104	MAI		3	TSH	2.53	0.84		TSH	TSH
13	34	0.40	110	NQI		P1	TSH	2.48			07C	TEH
13	34	0.21	109	MAI		3	TSH	3.11	2.32		TSH	TSH
13	35	2.06	98	NQI		P1	TSH	2.57			07C	TEH
13	35	0.46	98	DSI		P1	01H	0.03			07C	TEH
13	35	0.99	102	DSI		P1	02H	-0.14			07C	TEH
13	35	0.63	95	MAI		3	TSH	3.03	2.27		TSH	TSH
13	35	0.23	91	SAI		3	01H	-0.29			01H	01H
13	35	0.45	114	MAI		3	01H	0.27			01H	01H
13	35	0.75	102	MAI		3	02H	-0.03			02H	02H
13	36	0.40	113	NQI		P1	TSH	2.53			TEH	TEC
13	36	0.27	105	MAI		3	TSH	3.15	2.19		TSH	TSH
13	38	0.67	108	NQI		P1	TSH	2.73			07C	TEH
13	38	0.16	128	MAI		3	TSH	3.25	2.42		TSH	TSH
13	39	0.47	105	NQI		P1	TSH	2.60			TEH	TEC
13	39	0.33	103	MAI		3	TSH	2.92	2.37		TSH	TSH
13	43	0.50	36	DSI		P1	01H	0.03			TEH	TEC
13	43	0.54	93	DSI		P1	02H	0.00			TEH	TEC
13	44	0.46	95	NQI		P1	TSH	2.05			06C	TEH
13	44	0.42	83	DSI		P1	01H	0.00			06C	TEH
13	44	0.32	116	MAI		3	TSH	2.58	0.18		TSH	TSH
13	44	0.24	134	MAI		3	01H	-0.12			01H	01H
13	47	0.78	101	NQI		P1	TSH	0.50			07C	TEH
13	47	0.65	100	DSI		P1	01H	-0.09			07C	TEH
13	47	0.61	107	MAI		3	TSH	1.39	0.17		TSH	TSH
13	47	0.49	113	MAI		3	01H	0.00			01H	01H
13	48	0.58	128	NQI		P1	TSH	0.56			07C	TEH
13	48	0.76	114	DSI		P1	01H	-0.17			07C	TEH
13	48	0.47	103	MAI		3	TSH	1.50	0.47		TSH	TSH
13	48	0.45	107	MAI		3	01H	-0.18			01H	01H
13	50	0.41	105	NQI		P1	TSH	0.67			07C	TEH
13	50	0.40	45	DSI		P1	02H	0.00			07C	TEH
13	50	0.25	116	MAI		3	TSH	0.78	0.20		TSH	TSH
13	50	0.32	132	SAI		3	02H	0.00			02H	02H

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RC-E-1B
(TUBES WITH INDICATIONS)

Row	Col	Volts	Phase	Ind	PCT	Chan	Loc	Inch1	Inch2	Degrees	From	To
13	51	0.28	103	SAI		3	TSH	0.75	0.38		TSH	TSH
13	52	0.23	101	SAI		3	TSH	0.26	0.10		TSH	TSH
13	53	1.48	105	DSI		P1	01H	0.11			TEH	TEC
13	53	0.83	74	DSI		P1	03H	0.03			TEH	TEC
13	53	0.44	103	DSI		P1	04H	-0.03			TEH	TEC
13	53	0.69	104	SAI		3	01H	-0.13			01H	01H
13	54	0.35	93	MAI		3	TSH	0.81	0.37		TSH	TSH
13	55	0.38	130	SAI		3	TSH	0.79	0.32		TSH	TSH
13	69	1.22	75	DSI		P1	01H	0.08			TEH	TEC
13	69	0.57	66	DSI		P1	03H	-0.08			TEH	TEC
13	69	0.62	98	MAI		3	01H	0.02			01H	01H
13	73	0.90	58	DSI		P1	01H	0.00			TEH	TEC
13	74	0.72	39	DSI		P1	01H	-0.02			TEH	TEC
13	78	0.81	39	DSI		P1	01H	0.08			TEH	TEC
13	78	0.78	34	DSI		P1	02H	0.08			TEH	TEC
13	78	0.18	127	MAI		3	01H	0.07			01H	01H
13	78	0.17	114	SAI		3	02H	0.08			02H	02H
13	80	0.69	30	DSI		P1	01H	0.03			TEH	TEC
13	90	0.80	127	PCT	12	P1	02C	0.15			TEH	TEC
13	91	0.67	126	PCT	16	P1	01C	-0.13			TEH	TEC
14	6	1.60	94	DSI		P1	01H	0.06			TEH	TEC
14	6	0.81	100	SAI		3	01H	0.00			01H	01H
14	8	0.55	72	DSI		P1	01H	0.03			TEH	TEC
14	11	0.52	33	DSI		P1	01H	0.09			TEH	TEC
14	13	0.76	102	DSI		P1	01H	0.15			TEH	TEC
14	13	0.88	54	DSI		P1	02H	0.09			TEH	TEC
14	13	0.56	128	DSI		P1	03H	0.18			TEH	TEC
14	15	0.47	59	DSI		P1	01H	0.09			TEH	TEC
14	20	0.39	58	DSI		P1	01H	0.00			TEH	TEC
14	23	0.73	50	DSI		P1	01H	0.09			TEH	TEC
14	24	0.28	96	SAI		3	TSH	0.52	0.12		TSH	TSH
14	26	0.59	80	DSI		P1	02H	0.00			TEH	TEC
14	29	0.33	277	MAI		3	TSH	1.40	0.74		TSH	TSH
14	30	0.87	112	NQI		P1	TSH	1.34			07C	TEH
14	30	0.50	99	MAI		3	TSH	1.67	0.71		TSH	TSH
14	31	0.54	48	NQI		P1	TSH	1.54			07C	TEH
14	31	0.52	103	SAI		3	TSH	1.97	0.99		TSH	TSH
14	32	0.22	121	SAI		3	TSH	1.87	1.31		TSH	TSH
14	33	0.53	99	DSI		P1	01H	0.00			07C	TEH
14	33	0.26	104	MAI		3	TSH	2.81	1.78		TSH	TSH
14	33	0.28	115	SAI		3	01H	0.14			01H	01H
14	35	0.27	104	NQI		P1	TSH	2.30			07C	TEH
14	35	0.20	103	SAI		3	TSH	2.69	2.27		TSH	TSH
14	37	0.33	102	DSI		P1	01H	-0.06			TEH	TEC
14	39	0.37	87	NQI		P1	TSH	2.48			07C	TEH
14	39	0.47	95	MAI		3	TSH	2.83	2.05		TSH	TSH
14	40	0.12	70	MAI		3	TSH	3.67	2.48		TSH	TSH
14	42	0.19	90	NQI		P1	TSH	2.32			07C	TEH
14	42	0.30	115	MAI		3	TSH	2.75	1.83		TSH	TSH

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RC-E-1B
(TUBES WITH INDICATIONS)

Row	Col	Volts	Phase	Ind	PCT	Chan	Loc	Inch1	Inch2	Degrees	From	To
14	43	0.11	108	SAI		3	TSH	2.27	2.15		TSH	TSH
14	44	0.47	113	NQI		P1	TSH	0.73			07C	TEH
14	44	0.25	138	MAI		3	TSH	0.99	0.19		TSH	TSH
14	46	1.10	112	NQI		P1	TSH	0.64			07C	TEH
14	46	0.39	105	NQI		P1	TSH	1.62			07C	TEH
14	46	0.61	80	DSI		P1	01H	-0.11			07C	TEH
14	46	0.35	110	DSI		P1	02H	0.08			07C	TEH
14	46	0.66	88	MAI		3	TSH	1.95	0.21		TSH	TSH
14	46	0.23	115	MAI		3	01H	-0.12			01H	01H
14	46	0.14	113	MAI		3	02H	0.00			02H	02H
14	47	1.02	70	NQI		P1	TSH	0.81			07C	TEH
14	47	1.03	105	DSI		P1	01H	0.08			07C	TEH
14	47	0.47	115	MAI		3	TSH	1.35	0.38		TSH	TSH
14	48	0.16	110	SAI		3	TSH	0.96	0.47		TSH	TSH
14	49	0.63	104	MAI		3	TSH	0.69	0.19		TSH	TSH
14	50	0.20	58	DSI		P1	02H	0.06			TEH	TEC
14	51	0.71	91	NQI		P1	TSH	1.01			07C	TEH
14	51	0.31	101	DSI		P1	01H	-0.06			07C	TEH
14	51	0.60	115	MAI		3	TSH	0.67	0.38		TSH	TSH
14	51	0.38	116	MAI		3	01H	0.05			01H	01H
14	55	0.30	52	DSI		P1	02H	0.03			TEH	TEC
14	64	1.35	101	DSI		P1	01H	0.00			TEH	TEC
14	64	0.35	114	MAI		3	01H	-0.11			01H	01H
14	65	0.82	127	DSI		P1	01H	-0.02			TEH	TEC
14	65	0.48	84	DSI		P1	02H	0.03			TEH	TEC
14	68	1.32	79	DSI		P1	01H	0.08			TEH	TEC
14	68	1.15	107	DSI		P1	02H	0.00			TEH	TEC
14	68	0.47	56	DSI		P1	03H	0.08			TEH	TEC
14	68	0.94	99	SAI		3	01H	-0.02			01H	01H
14	68	0.44	108	MAI		3	02H	-0.07			02H	02H
14	71	0.95	85	DSI		P1	01H	0.10			TEH	TEC
14	71	0.63	28	DSI		P1	02H	0.00			TEH	TEC
14	77	0.65	66	DSI		P1	01H	-0.08			TEH	TEC
14	79	0.74	67	DSI		P1	01H	-0.03			TEH	TEC
14	80	0.47	24	DSI		P1	02H	0.03			TEH	TEC
14	80	0.16	88	SAI		3	02H	0.00			02H	02H
14	81	1.22	91	DSI		P1	01H	-0.03			TEH	TEC
14	81	1.31	79	DSI		P1	02H	-0.05			TEH	TEC
14	81	0.80	98	MAI		3	01H	-0.05			01H	01H
14	81	0.47	92	SAI		3	02H	0.04			02H	02H
14	82	0.60	26	DSI		P1	01H	0.03			TEH	TEC
14	82	0.43	58	DSI		P1	03H	0.08			TEH	TEC
14	82	0.30	120	SAI		3	03H	0.17			03H	03H
14	84	0.37	91	DSI		P1	02H	0.00			TEH	TEC
14	87	0.28	8	DSI		P1	01H	-0.03			TEH	TEC
14	87	0.37	74	DSI		P1	02H	0.03			TEH	TEC
14	90	0.56	63	DSI		P1	01H	0.10			TEH	TEC
14	92	0.82	124	PCT	19	P1	02C	-0.21			TEH	TEC
15	3	1.31	115	PCT	23	P1	01C	-0.09			TEH	TEC

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RC-E-1B
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Row	Col	Volts	Phase	Ind	PCT	Chan	Loc	Inch1	Inch2	Degrees	From	To
15	5	0.57	62	DSI		P1	01H	0.03			TEH	TEC
15	6	0.60	111	PCT	29	P1	01C	-0.09			TEH	TEC
15	6	0.83	128	PCT	1	P1	01C	0.11			TEH	TEC
15	9	0.31	89	DSI		P1	01H	0.09			TEH	TEC
15	10	0.60	52	DSI		P1	01H	0.03			TEH	TEC
15	10	0.61	91	DSI		P1	02H	0.00			TEH	TEC
15	11	0.90	82	DSI		P1	01H	-0.09			TEH	TEC
15	11	0.33	65	DSI		P1	02H	0.15			TEH	TEC
15	12	1.16	82	DSI		P1	01H	0.06			TEH	TEC
15	12	1.33	72	DSI		P1	02H	-0.03			TEH	TEC
15	12	0.53	78	DSI		P1	03H	0.00			TEH	TEC
15	12	0.28	118	MAI		3	01H	0.00			01H	01H
15	12	0.35	113	MAI		3	02H	0.00			02H	02H
15	16	1.22	80	DSI		P1	01H	0.08			TEH	TEC
15	16	0.58	88	DSI		P1	02H	-0.03			TEH	TEC
15	16	0.50	93	MAI		3	01H	0.01			01H	01H
15	17	0.41	42	DSI		P1	01H	0.09			TEH	TEC
15	25	0.11	99	SAI		3	TSH	0.31	0.23		TSH	TSH
15	26	1.54	105	DSI		P1	01H	-0.06			TEH	TEC
15	26	0.88	139	DSI		P1	02H	0.00			TEH	TEC
15	26	0.79	289	SAI		3	01H	-0.09			01H	01H
15	29	2.44	104	NQI		P1	TSH	0.34			07C	TEH
15	29	1.03	86	DSI		P1	01H	-0.06			07C	TEH
15	29	0.88	95	DSI		P1	02H	-0.22			07C	TEH
15	29	0.69	85	MAI		3	TSH	1.41	0.38		TSH	TSH
15	29	0.13	117	SAI		3	02H	-0.07			02H	02H
15	31	0.76	106	NQI		P1	TSH	0.85			TEH	TEC
15	31	0.33	128	NQI		P1	TSH	1.33			TEH	TEC
15	31	0.40	115	DSI		P1	01H	0.03			TEH	TEC
15	31	0.26	100	DSI		P1	02H	0.05			TEH	TEC
15	31	0.40	115	MAI		3	TSH	1.82	0.43		TSH	TSH
15	31	0.21	114	MAI		3	01H	-0.13			01H	01H
15	31	0.52	114	SAI		3	02H	-0.03			02H	02H
15	32	0.28	100	MAI		3	TSH	2.15	0.46		TSH	TSH
15	32	0.59	78	NQI		P1	TSH	0.41			TEH	TEC
15	32	0.90	106	NQI		P1	TSH	1.42			TEH	TEC
15	32	0.65	104	DSI		P1	01H	0.00			TEH	TEC
15	32	0.34	118	MAI		3	01H	0.03			01H	01H
15	34	0.37	118	NQI		P1	TSH	1.06			07C	TEH
15	34	0.26	88	NQI		P1	TSH	2.32			07C	TEH
15	34	1.11	103	DSI		P1	01H	-0.09			07C	TEH
15	34	0.66	102	MAI		3	TSH	2.78	0.77		TSH	TSH
15	35	0.25	113	NQI		P1	TSH	1.41			07C	TEH
15	35	0.28	95	NQI		P1	TSH	2.03			07C	TEH
15	35	0.93	102	NQI		P1	TSH	2.41			07C	TEH
15	35	1.50	104	DSI		P1	01H	0.00			07C	TEH
15	35	1.56	98	DSI		P1	02H	-0.24			07C	TEH
15	35	0.95	106	MAI		3	TSH	2.69	0.79		TSH	TSH
15	36	0.32	93	NQI		P1	TSH	2.40			07C	TEH

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Row	Col	Volts	Phase	Ind	PCT	Chan	Loc	Inch1	Inch2	Degrees	From	To
15	36	1.71	98	DSI		P1	01H	-0.09			07C	TEH
15	36	0.42	95	MAI		3	TSH	3.19	2.00		TSH	TSH
15	39	1.22	37	DSI		P1	01H	0.09			TEH	TEC
15	39	0.59	95	MAI		3	01H	0.00			01H	01H
15	41	0.12	106	SAI		3	TSH	2.33	2.28		TSH	TSH
15	47	0.54	67	DSI		P1	01H	0.03			TEH	TEC
15	49	0.86	96	DSI		P1	01H	-0.09			07C	TEH
15	49	1.15	84	DSI		P1	02H	0.00			07C	TEH
15	49	0.46	55	DSI		P1	03H	-0.14			07C	TEH
15	49	0.10	96	MAI		3	TSH	1.10	0.37		TSH	TSH
15	49	0.41	113	MAI		3	01H	0.03			01H	01H
15	49	0.54	117	MAI		3	02H	0.00			02H	02H
15	49	0.25	139	SAI		3	03H	0.00			03H	03H
15	51	0.56	76	DSI		P1	01H	0.06			TEH	TEC
15	52	0.60	54	DSI		P1	01H	-0.06			TEH	TEC
15	52	0.22	82	DSI		P1	02H	0.00			TEH	TEC
15	54	0.29	74	DSI		P1	02H	0.00			TEH	TEC
15	58	0.71	51	DSI		P1	01H	0.00			TEH	TEC
15	58	0.82	48	DSI		P1	02H	0.00			TEH	TEC
15	58	0.62	45	DSI		P1	03H	0.00			TEH	TEC
15	58	0.21	46	DSI		P1	04H	0.00			TEH	TEC
15	60	0.32	99	DSI		P1	03H	-0.03			TEH	TEC
15	61	0.85	58	DSI		P1	01H	0.03			TEH	TEC
15	63	0.60	91	DSI		P1	01H	-0.15			TEH	TEC
15	64	0.77	34	DSI		P1	01H	0.03			TEH	TEC
15	64	0.11	101	MAI		3	01H	0.03			01H	01H
15	70	0.70	24	DSI		P1	01H	0.03			TEH	TEC
15	72	0.33	108	DSI		P1	01H	0.12			TEH	TEC
15	78	0.59	77	DSI		P1	01H	0.03			TEH	TEC
15	79	0.53	15	DSI		P1	02H	0.00			TEH	TEC
15	81	0.71	27	DSI		P1	01H	0.00			TEH	TEC
15	85	0.59	35	DSI		P1	04H	0.05			TEH	TEC
15	91	0.38	54	DSI		P1	02H	0.05			TEH	TEC
15	91	1.16	121	PCT	23	P1	01C	0.11			TEH	TEC
15	91	0.84	115	VOL		3	01C	0.12			01C	01C
15	92	0.53	138	PCT	0	P1	01C	-0.16			TEH	TEC
16	5	1.63	104	PCT	35	P1	01C	-0.03			TEH	TEC
16	6	1.13	107	PCT	35	P1	01C	-0.09			TEH	TEC
16	6	0.45	106	VOL		P1	01C	0.00			01C	01C
16	7	0.86	67	DSI		P1	01H	0.09			TEH	TEC
16	8	0.38	96	DSI		P1	02H	0.14			TEH	TEC
16	11	0.48	58	DSI		P1	01H	0.09			TEH	TEC
16	17	0.88	50	DSI		P1	01H	0.03			TEH	TEC
16	19	1.61	97	DSI		P1	01H	0.00			TEH	TEC
16	19	1.18	101	MAI		3	01H	-0.03			01H	01H
16	20	0.86	55	DSI		P1	02H	-0.03			TEH	TEC
16	21	0.57	59	DSI		P1	01H	0.00			TEH	TEC
16	21	0.90	50	DSI		P1	02H	0.06			TEH	TEC
16	23	0.67	33	DSI		P1	01H	0.09			TEH	TEC

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Row	Col	Volts	Phase	Ind	PCT	Chan	Loc	Inch1	Inch2	Degrees	From	To
16	24	0.85	40	DSI		P1	01H	0.03			TEH	TEC
16	24	0.37	33	DSI		P1	02H	0.08			TEH	TEC
16	24	0.25	289	MAI		3	01H	0.07			01H	01H
16	28	2.53	110	NQI		P1	TSH	0.56			07C	TEH
16	28	0.51	53	DSI		P1	01H	-0.03			07C	TEH
16	28	0.63	79	MAI		3	TSH	0.71	0.13		TSH	TSH
16	28	0.22	111	SAI		3	01H	-0.02			01H	01H
16	31	1.02	120	NQI		P1	TSH	0.78			07C	TEH
16	31	0.36	123	NQI		P1	TSH	1.18			07C	TEH
16	31	0.48	91	MAI		3	TSH	1.45	0.42		TSH	TSH
16	32	0.81	133	NQI		P1	TSH	1.03			07C	TEH
16	32	0.25	111	MAI		3	TSH	1.70	0.42		TSH	TSH
16	33	1.81	92	NQI		P1	TSH	1.09			07C	TEH
16	33	0.78	53	DSI		P1	02H	-0.17			07C	TEH
16	33	0.56	99	MAI		3	TSH	2.06	0.19		TSH	TSH
16	33	0.24	118	MAI		3	02H	-0.03			02H	02H
16	35	0.82	126	NQI		P1	TSH	0.73			07C	TEH
16	35	0.72	96	NQI		P1	TSH	1.29			07C	TEH
16	35	1.05	97	DSI		P1	01H	0.03			07C	TEH
16	35	0.65	66	DSI		P1	02H	-0.03			07C	TEH
16	35	0.52	88	DSI		P1	03H	-0.03			07C	TEH
16	35	0.35	119	MAI		3	TSH	2.27	0.41		TSH	TSH
16	35	0.26	128	SAI		3	02H	-0.09			02H	02H
16	35	0.18	118	MAI		3	03H	0.00			03H	03H
16	36	0.93	87	NQI		P1	TSH	0.61			07C	TEH
16	36	0.72	95	NQI		P1	TSH	1.51			07C	TEH
16	36	0.82	108	DSI		P1	02H	-0.20			07C	TEH
16	36	0.60	94	MAI		3	TSH	2.43	0.29		TSH	TSH
16	36	0.43	107	SAI		3	02H	-0.04			02H	02H
16	38	0.72	92	NQI		P1	TSH	1.54			07C	TEH
16	38	0.66	65	DSI		P1	01H	-0.14			07C	TEH
16	38	0.42	114	MAI		3	TSH	2.75	0.80		TSH	TSH
16	38	0.21	108	MAI		3	01H	-0.03			01H	01H
16	39	0.30	91	MAI		3	TSH	1.75	0.95		TSH	TSH
16	40	0.60	62	DSI		P1	01H	-0.09			07C	TEH
16	40	0.26	110	MAI		3	TSH	2.77	0.83		TSH	TSH
16	40	0.11	108	MAI		3	01H	-0.03			01H	01H
16	42	0.98	47	NQI		P1	TSH	0.73			07C	TEH
16	42	0.67	111	NQI		P1	TSH	1.27			07C	TEH
16	42	0.24	112	NQI		P1	TSH	1.74			07C	TEH
16	42	1.20	97	DSI		P1	01H	-0.14			07C	TEH
16	42	0.64	102	MAI		3	TSH	2.50	0.24		TSH	TSH
16	43	0.21	104	SAI		3	TSH	1.13	0.68		TSH	TSH
16	45	0.54	77	DSI		P1	02H	0.00			TEH	TEC
16	45	0.20	98	MAI		3	TSH	0.82	0.53		TSH	TSH
16	45	0.52	114	SAI		3	02H	-0.01			02H	02H
16	46	0.25	110	SAI		3	TSH	0.87	0.19		TSH	TSH
16	51	1.26	92	DSI		P1	01H	0.08			TEH	TEC
16	51	0.70	109	DSI		P1	02H	0.17			TEH	TEC

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Row	Col	Volts	Phase	Ind	PCT	Chan	Loc	Inch1	Inch2	Degrees	From	To
16	51	0.91	86	DSI		P1	04H	-0.03			TEH	TEC
16	51	0.70	283	SAI		3	01H	0.10			01H	01H
16	53	0.20	68	DSI		P1	01H	0.06			TEH	TEC
16	56	0.56	91	DSI		P1	01H	0.05			TEH	TEC
16	56	0.55	117	DSI		P1	02H	0.00			TEH	TEC
16	56	0.55	48	DSI		P1	03H	0.05			TEH	TEC
16	57	0.39	81	DSI		P1	01H	0.13			TEH	TEC
16	58	0.27	79	DSI		P1	01H	0.05			TEH	TEC
16	58	0.27	114	DSI		P1	02H	-0.03			TEH	TEC
16	58	0.76	48	DSI		P1	03H	0.00			TEH	TEC
16	59	0.77	87	DSI		P1	01H	0.08			TEH	TEC
16	59	0.64	102	DSI		P1	03H	0.03			TEH	TEC
16	60	0.82	60	DSI		P1	01H	0.03			TEH	TEC
16	66	0.55	81	DSI		P1	01H	-0.03			TEH	TEC
16	67	0.55	7	DSI		P1	01H	0.08			TEH	TEC
16	67	0.53	32	DSI		P1	02H	-0.03			TEH	TEC
16	78	1.19	46	DSI		P1	01H	0.05			TEH	TEC
16	78	0.51	96	SAI		3	01H	0.02			01H	01H
16	79	0.83	152	DSI		P1	01H	0.00			TEH	TEC
16	80	0.36	49	DSI		P1	01H	0.13			TEH	TEC
16	82	1.01	61	DSI		P1	01H	0.08			TEH	TEC
16	83	0.17	57	DSI		P1	01H	0.03			TEH	TEC
16	88	0.43	38	DSI		P1	03H	0.08			TEH	TEC
16	88	0.81	139	PCT	0	P1	01C	-0.21			TEH	TEC
16	89	0.49	124	PCT	19	P1	02C	0.19			TEH	TEC
16	90	0.40	122	PCT	19	P1	02C	0.15			TEH	TEC
16	90	0.48	119	VOL		P1	02C	0.00			02C	02C
17	4	1.68	115	PCT	23	P1	01C	-0.11			TEH	TEC
17	6	0.69	50	DSI		P1	01H	0.06			TEH	TEC
17	7	0.38	108	DSI		P1	02H	-0.12			TEH	TEC
17	7	0.46	67	DSI		P1	03H	0.03			TEH	TEC
17	10	0.65	49	DSI		P1	01H	0.08			TEH	TEC
17	13	1.13	49	DSI		P1	02H	0.12			TEH	TEC
17	13	0.31	122	MAI		3	02H	0.00			02H	02H
17	14	2.07	94	DSI		P1	01H	0.06			TEH	TEC
17	14	0.24	75	DSI		P1	02H	0.06			TEH	TEC
17	14	1.00	108	MAI		3	01H	0.01			01H	01H
17	16	1.40	91	DSI		P1	02H	0.03			TEH	TEC
17	16	0.53	45	DSI		P1	05H	0.03			TEH	TEC
17	16	0.42	87	DSI		P1	06H	0.12			TEH	TEC
17	16	0.30	115	MAI		3	02H	-0.04			02H	02H
17	23	0.71	36	DSI		P1	01H	0.12			TEH	TEC
17	24	0.79	68	DSI		P1	01H	0.08			TEH	TEC
17	24	0.78	44	DSI		P1	02H	0.03			TEH	TEC
17	24	0.24	109	SAI		3	02H	-0.13			02H	02H
17	28	0.56	43	DSI		P1	01H	0.00			TEH	TEC
17	28	0.19	42	DSI		P1	02H	0.14			TEH	TEC
17	28	0.34	111	SAI		3	TSH	0.72	0.14		TSH	TSH
17	28	0.21	124	MAI		3	01H	0.01			01H	01H

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Row	Col	Volts	Phase	Ind	PCT	Chan	Loc	Inch1	Inch2	Degrees	From	To
17	28	0.26	135	SAI		3	02H	0.09			02H	02H
17	29	1.76	138	NQI		P1	TSH	0.53			07C	TEH
17	29	1.48	99	DSI		P1	01H	0.03			07C	TEH
17	29	0.67	103	MAI		3	TSH	0.73	0.18		TSH	TSH
17	30	2.80	145	NQI		P1	TSH	0.34			07C	TEH
17	30	0.78	76	DSI		P1	01H	0.00			07C	TEH
17	30	0.81	94	MAI		3	TSH	0.99	0.13		TSH	TSH
17	30	0.27	115	MAI		3	01H	0.07			01H	01H
17	32	0.31	131	MAI		3	TSH	1.11	0.42		TSH	TSH
17	38	0.33	99	DSI		P1	01H	0.14			TEH	TEC
17	38	0.09	85	SAI		3	TSH	1.24	0.91		TSH	TSH
17	39	0.72	129	NQI		P1	TSH	1.09			07C	TEH
17	39	1.06	85	DSI		P1	01H	0.17			07C	TEH
17	39	0.24	97	MAI		3	TSH	1.66	1.25		TSH	TSH
17	40	0.27	122	MAI		3	TSH	2.19	0.79		TSH	TSH
17	41	0.40	146	NQI		P1	TSH	0.73			TEH	TEC
17	41	0.20	88	MAI		3	TSH	1.31	0.70		TSH	TSH
17	42	0.23	66	NQI		P1	TSH	0.48			07C	TEH
17	42	0.21	56	NQI		P1	TSH	1.40			07C	TEH
17	42	0.17	108	MAI		3	TSH	0.72	0.41		TSH	TSH
17	42	0.20	104	SAI		3	TSH	2.00	1.60		TSH	TSH
17	43	1.34	95	NQI		P1	TSH	0.87			07C	TEH
17	43	1.60	102	DSI		P1	01H	0.14			07C	TEH
17	43	0.59	113	SAI		3	TSH	1.51	0.30		TSH	TSH
17	44	0.83	147	NQI		P1	TSH	0.56			07C	TEH
17	44	0.20	97	NQI		P1	TSH	0.84			07C	TEH
17	44	0.85	104	DSI		P1	01H	0.00			07C	TEH
17	44	0.91	86	DSI		P1	02H	0.08			07C	TEH
17	44	0.25	122	SAI		3	TSH	0.98	0.43		TSH	TSH
17	44	0.28	130	MAI		3	01H	0.02			01H	01H
17	44	0.32	122	MAI		3	02H	0.13			02H	02H
17	48	0.64	56	DSI		P1	02H	-0.06			TEH	TEC
17	55	0.62	55	DSI		P1	01H	0.08			TEH	TEC
17	55	0.58	90	DSI		P1	02H	-0.08			TEH	TEC
17	56	0.78	81	DSI		P1	01H	0.03			TEH	TEC
17	56	0.71	73	DSI		P1	02H	-0.05			TEH	TEC
17	56	0.31	83	DSI		P1	03H	-0.08			TEH	TEC
17	58	0.33	53	DSI		P1	02H	0.00			TEH	TEC
17	60	0.22	52	DSI		P1	03H	-0.03			TEH	TEC
17	64	0.61	44	DSI		P1	01H	0.05			TEH	TEC
17	66	1.10	104	DSI		P1	01H	0.05			TEH	TEC
17	67	1.52	61	DSI		P1	02H	-0.16			TEH	TEC
17	67	0.37	123	SAI		3	02H	0.07			02H	02H
17	68	0.44	96	DSI		P1	01H	0.08			TEH	TEC
17	70	0.28	99	DSI		P1	01H	0.13			TEH	TEC
17	70	0.65	66	DSI		P1	02H	0.03			TEH	TEC
17	70	0.59	66	DSI		P1	03H	0.00			TEH	TEC
17	71	0.63	36	DSI		P1	01H	0.00			TEH	TEC
17	73	0.78	64	DSI		P1	02H	0.05			TEH	TEC

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Row	Col	Volts	Phase	Ind	PCT	Chan	Loc	Inch1	Inch2	Degrees	From	To
17	74	1.61	97	DSI		P1	01H	0.00			TEH	TEC
17	74	0.43	59	DSI		P1	02H	-0.05			TEH	TEC
17	74	0.60	111	SAI		3	01H	0.07			01H	01H
17	80	1.12	101	DSI		P1	01H	0.00			TEH	TEC
17	80	0.82	99	DSI		P1	02H	0.03			TEH	TEC
17	80	0.78	103	MAI		3	01H	-0.03			01H	01H
17	82	0.33	69	DSI		P1	01H	0.05			TEH	TEC
17	84	0.48	44	DSI		P1	02H	0.03			TEH	TEC
18	5	0.39	138	DSI		P1	01H	0.12			TEH	TEC
18	5	0.13	122	SAI		3	01H	-0.02			01H	01H
18	5	0.11	131	SAI		3	01H	0.02			01H	02H
18	8	0.31	86	DSI		P1	01H	0.08			TEH	TEC
18	10	0.38	52	DSI		P1	02H	0.08			TEH	TEC
18	10	0.56	48	DSI		P1	03H	0.06			TEH	TEC
18	11	0.55	55	DSI		P1	01H	0.03			TEH	TEC
18	12	1.14	88	DSI		P1	01H	0.08			TEH	TEC
18	12	1.02	78	DSI		P1	02H	0.11			TEH	TEC
18	12	0.60	92	MAI		3	01H	0.00			01H	01H
18	18	2.18	101	DSI		P1	01H	0.25			TEH	TEC
18	18	0.99	104	MAI		3	01H	0.07			01H	01H
18	20	0.54	98	DSI		P1	01H	-0.06			TEH	TEC
18	21	0.73	114	DSI		P1	01H	0.00			TEH	TEC
18	21	1.19	63	DSI		P1	02H	0.09			TEH	TEC
18	21	0.34	99	MAI		3	02H	-0.04			02H	02H
18	23	0.51	77	DSI		P1	01H	0.09			TEH	TEC
18	23	0.38	84	DSI		P1	02H	0.03			TEH	TEC
18	24	0.63	50	DSI		P1	01H	0.06			TEH	TEC
18	28	1.37	119	NQI		P1	TSH	0.14			07C	TEH
18	28	0.99	95	MAI		3	TSH	0.82	0.11		TSH	TSH
18	30	2.48	112	PCT	28	P2	AV2	0.03			TEC	TEH
18	30	1.18	36	PCT	18	P2	AV3	-0.11			TEC	TEH
18	30	2.25	114	PCT	28	P2	AV2	0.32			TEH	TEC
18	30	1.16	30	PCT	19	P2	AV3	0.00			TEH	TEC
18	33	1.00	91	NQI		P1	TSH	0.56			07C	TEH
18	33	0.67	76	DSI		P1	01H	0.00			07C	TEH
18	33	0.37	107	MAI		3	TSH	1.05	0.15		TSH	TSH
18	33	0.16	102	MAI		3	01H	0.06			01H	01H
18	36	0.56	111	MAI		3	TSH	1.03	0.39		TSH	TSH
18	37	0.55	31	DSI		P1	01H	0.00			TEH	TEC
18	39	0.20	73	SAI		3	TSH	0.81	0.73		TSH	TSH
18	39	0.18	96	SAI		3	TSH	1.12	1.07		TSH	TSH
18	39	0.11	73	SAI		3	TSH	1.25	1.21		TSH	TSH
18	40	2.03	119	NQI		P1	TSH	0.92			07C	TEH
18	40	1.16	86	NQI		P1	TSH	1.26			07C	TEH
18	40	1.17	103	DSI		P1	01H	0.00			07C	TEH
18	40	0.74	100	MAI		3	TSH	2.26	0.71		TSH	TSH
18	41	0.48	18	DSI		P1	01H	0.03			TEH	TEC
18	41	0.13	68	SAI		3	TSH	0.41	0.30		TSH	TSH
18	42	1.09	30	NQI		P1	TSH	0.76			07C	TEH

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Row	Col	Volts	Phase	Ind	PCT	Chan	Loc	Inch1	Inch2	Degrees	From	To
18	42	0.62	98	MAI		3	TSH	1.24	0.44		TSH	TSH
18	44	0.24	133	DSI		P1	01H	0.03			TEH	TEC
18	48	1.51	88	DSI		P1	01H	0.06			TEH	TEC
18	48	1.11	110	DSI		P1	02H	-0.09			TEH	TEC
18	48	0.61	126	MAI		3	01H	0.15			01H	01H
18	49	0.48	41	DSI		P1	02H	-0.03			TEH	TEC
18	49	0.85	103	PCT	14	P2	AV2	-0.31			TEH	TEC
18	50	0.67	62	DSI		P1	01H	0.03			TEH	TEC
18	51	0.39	77	DSI		P1	02H	0.09			TEH	TEC
18	53	0.96	88	DSI		P1	01H	0.31			TEH	TEC
18	53	0.70	94	DSI		P1	04H	-0.03			TEH	TEC
18	61	0.72	57	DSI		P1	01H	0.08			TEH	TEC
18	62	1.37	107	DSI		P1	01H	0.03			TEH	TEC
18	62	0.57	64	DSI		P1	03H	0.08			TEH	TEC
18	62	0.42	114	MAI		3	01H	0.00			01H	01H
18	63	1.08	82	DSI		P1	01H	0.13			TEH	TEC
18	65	1.02	48	DSI		P1	01H	0.00			TEH	TEC
18	65	0.85	27	DSI		P1	02H	0.00			TEH	TEC
18	65	1.89	0	PCT	26	P2	AV1	-0.23			TEH	TEC
18	65	0.23	118	MAI		3	02H	-0.05			02H	02H
18	70	0.49	76	DSI		P1	01H	0.11			TEH	TEC
18	74	0.37	96	DSI		P1	02H	0.08			TEH	TEC
18	75	0.40	28	DSI		P1	01H	0.00			TEH	TEC
18	79	0.41	47	DSI		P1	01H	0.00			TEH	TEC
18	83	0.30	34	DSI		P1	01H	0.00			TEH	TEC
18	85	0.45	31	DSI		P1	04H	0.05			TEH	TEC
18	89	1.07	110	PCT	37	P1	02C	0.00			TEH	TEC
19	10	0.80	99	DSI		P1	01H	0.17			TEH	TEC
19	10	0.79	117	DSI		P1	02H	-0.14			TEH	TEC
19	10	0.49	95	DSI		P1	04H	0.11			TEH	TEC
19	11	0.48	108	DSI		P1	01H	-0.12			TEH	TEC
19	15	0.59	31	DSI		P1	01H	0.03			TEH	TEC
19	19	0.84	50	DSI		P1	01H	0.06			TEH	TEC
19	20	0.36	56	DSI		P1	01H	0.08			TEH	TEC
19	24	0.48	76	DSI		P1	01H	0.06			TEH	TEC
19	28	1.52	0	PCT	21	P2	AV1	0.00			07C	TEH
19	28	1.15	0	PCT	18	P2	AV3	-0.17			07C	TEH
19	28	0.25	80	SAI		3	TSH	0.53	0.14		TSH	TSH
19	29	0.41	47	DSI		P1	01H	0.06			TEH	TEC
19	30	0.27	62	DSI		P1	01H	0.00			TEH	TEC
19	31	0.30	90	DSI		P1	02H	-0.06			TEH	TEC
19	32	0.31	107	SAI		3	TSH	0.50	0.37		TSH	TSH
19	34	0.26	109	MAI		3	TSH	0.62	0.21		TSH	TSH
19	38	0.43	106	DSI		P1	01H	-0.06			07C	TEH
19	38	0.21	104	SAI		3	TSH	1.06	0.64		TSH	TSH
19	38	0.29	121	MAI		3	01H	-0.09			01H	01H
19	40	1.85	88	NQI		P1	TSH	0.65			07C	TEH
19	40	1.53	111	DSI		P1	01H	-0.20			07C	TEH
19	40	0.42	99	MAI		3	TSH	0.98	0.28		TSH	TSH

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Row	Col	Volts	Phase	Ind	PCT	Chan	Loc	Inch1	Inch2	Degrees	From	To
19	41	0.74	83	NQI		P1	TSH	0.51			07C	TEH
19	41	0.27	113	MAI		3	TSH	0.34	1.29		TSH	TSH
19	42	1.00	39	NQI		P1	TSH	0.67			07C	TEH
19	42	0.26	106	DSI		P1	01H	-0.09			07C	TEH
19	42	0.43	109	MAI		3	TSH	1.04	0.32		TSH	TSH
19	43	1.02	99	DSI		P1	01H	0.14			07C	TEH
19	43	0.12	122	SAI		3	TSH	0.37	0.21		TSH	TSH
19	43	0.32	110	SAI		3	TSH	0.95	0.46		TSH	TSH
19	47	0.62	98	DSI		P1	02H	-0.14			TEH	TEC
19	49	1.15	95	DSI		P1	01H	0.03			TEH	TEC
19	49	0.35	123	MAI		3	01H	-0.06			01H	01H
19	53	0.37	51	DSI		P1	02H	0.09			TEH	TEC
19	56	1.46	79	DSI		P1	01H	0.00			TEH	TEC
19	56	1.15	70	DSI		P1	02H	-0.11			TEH	TEC
19	56	0.67	55	DSI		P1	03H	-0.05			TEH	TEC
19	56	0.39	104	MAI		3	01H	0.04			01H	01H
19	56	0.36	109	MAI		3	02H	-0.06			02H	02H
19	58	0.95	74	DSI		P1	02H	0.00			TEH	TEC
19	61	1.53	102	DSI		P1	01H	0.08			TEH	TEC
19	61	1.28	94	DSI		P1	02H	0.08			TEH	TEC
19	61	0.62	41	SAI		3	01H	0.00			01H	01H
19	61	0.87	102	SAI		3	02H	-0.03			02H	02H
19	62	0.86	78	DSI		P1	01H	0.05			TEH	TEC
19	64	0.67	37	DSI		P1	01H	0.05			TEH	TEC
19	76	0.76	44	DSI		P1	01H	0.07			TEH	TEC
19	81	1.75	99	DSI		P1	01H	0.18			TEH	TEC
19	81	0.75	98	MAI		3	01H	0.06			01H	01H
19	81	0.62	103	MAI		3	01H	0.05			01H	01H
19	82	1.88	72	DSI		P1	03H	-0.03			TEH	TEC
19	82	0.23	103	MAI		3	03H	-0.04			03H	03H
19	85	0.67	64	DSI		P1	01H	0.08			TEH	TEC
19	86	0.43	67	DSI		P1	04H	0.15			TEH	TEC
19	87	0.59	64	DSI		P1	02H	0.11			TEH	TEC
19	90	0.45	141	PCT	0	P1	02C	0.16			TEH	TEC
20	6	0.61	148	PCT	0	P1	02C	0.17			TEH	TEC
20	7	0.92	101	DSI		P1	01H	0.15			TEH	TEC
20	8	0.36	57	DSI		P1	02H	0.06			TEH	TEC
20	9	0.28	99	DSI		P1	01H	0.09			TEH	TEC
20	9	0.23	104	DSI		P1	02H	0.15			TEH	TEC
20	11	1.55	86	DSI		P1	01H	0.09			TEH	TEC
20	11	0.77	55	DSI		P1	03H	0.06			TEH	TEC
20	11	0.47	121	MAI		3	01H	0.11			01H	01H
20	15	0.48	67	DSI		P1	01H	0.00			TEH	TEC
20	21	0.55	95	DSI		P1	01H	-0.06			TEH	TEC
20	23	0.58	69	DSI		P1	02H	0.03			TEH	TEC
20	25	1.49	68	DSI		P1	01H	0.03			TEH	TEC
20	25	0.89	65	DSI		P1	02H	0.03			TEH	TEC
20	25	0.45	85	DSI		P1	03H	0.06			TEH	TEC
20	25	0.63	108	MAI		3	01H	-0.10			01H	01H

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Row	Col	Volts	Phase	Ind	PCT	Chan	Loc	Inch1	Inch2	Degrees	From	To
20	27	0.32	95	DSI		P1	01H	0.00			TEH	TEC
20	30	0.47	56	DSI		P1	01H	0.11			TEH	TEC
20	31	0.82	76	DSI		P1	01H	-0.09			TEH	TEC
20	34	0.17	120	SAI		3	TSH	0.61	0.25		TSH	TSH
20	35	0.43	59	DSI		P1	01H	0.06			TEH	TEC
20	37	0.42	61	DSI		P1	02H	0.06			TEH	TEC
20	44	0.51	38	DSI		P1	02H	0.06			TEH	TEC
20	47	0.51	65	DSI		P1	01H	0.08			TEH	TEC
20	47	0.31	48	DSI		P1	02H	0.06			TEH	TEC
20	48	1.16	67	DSI		P1	01H	0.03			TEH	TEC
20	48	0.64	34	DSI		P1	02H	0.06			TEH	TEC
20	48	0.28	112	MAI		3	01H	-0.03			01H	01H
20	49	1.48	91	DSI		P1	01H	0.08			TEH	TEC
20	49	0.36	125	DSI		P1	02H	0.14			TEH	TEC
20	49	0.32	115	MAI		3	01H	0.00			01H	01H
20	51	1.19	71	DSI		P1	01H	0.06			TEH	TEC
20	51	0.95	70	DSI		P1	01H	0.03			TEH	TEC
20	51	0.83	115	SAI		3	01H	0.05			01H	01H
20	52	0.42	38	DSI		P1	01H	0.06			TEH	TEC
20	57	0.59	62	DSI		P1	01H	0.10			TEH	TEC
20	58	1.70	87	DSI		P1	01H	0.00			TEH	TEC
20	58	0.38	144	DSI		P1	02H	0.00			TEH	TEC
20	58	0.37	106	DSI		P1	03H	-0.05			TEH	TEC
20	58	0.64	110	MAI		3	01H	0.10			01H	01H
20	69	0.84	80	DSI		P1	02H	0.08			TEH	TEC
20	69	0.51	126	DSI		P1	05H	0.03			TEH	TEC
20	77	0.39	40	DSI		P1	01H	-0.03			TEH	TEC
20	78	0.40	36	DSI		P1	01H	0.02			TEH	TEC
20	82	0.49	68	DSI		P1	01H	0.00			TEH	TEC
20	85	0.80	42	DSI		P1	01H	-0.05			TEH	TEC
20	85	0.27	105	MAI		3	01H	-0.11			01H	01H
20	87	0.38	87	DSI		P1	02H	0.08			TEH	TEC
20	87	0.45	144	PCT	0	P1	02C	-0.19			TEH	TEC
20	89	0.94	136	PCT	0	P1	01C	-0.27			TEH	TEC
21	6	1.25	140	PCT	0	P1	01C	-0.14			TEH	TEC
21	9	0.22	58	DSI		P1	01H	0.03			TEH	TEC
21	9	0.36	132	PCT	6	P1	01C	-0.06			TEH	TEC
21	12	0.78	78	DSI		P1	01H	0.11			TEH	TEC
21	13	0.63	79	DSI		P1	02H	-0.12			TEH	TEC
21	14	1.01	48	DSI		P1	02H	0.06			TEH	TEC
21	18	0.81	87	DSI		P1	01H	0.00			TEH	TEC
21	18	0.81	43	DSI		P1	02H	0.03			TEH	TEC
21	18	0.30	128	MAI		3	02H	0.08			02H	02H
21	20	1.40	97	DSI		P1	01H	0.00			TEH	TEC
21	20	0.42	104	MAI		3	01H	-0.04			01H	01H
21	22	0.97	19	DSI		P1	02H	0.03			TEH	TEC
21	22	0.14	117	MAI		3	02H	0.06			02H	02H
21	24	0.83	53	DSI		P1	01H	0.00			TEH	TEC
21	25	0.99	64	DSI		P1	01H	0.00			TEH	TEC

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Row	Col	Volts	Phase	Ind	PCT	Chan	Loc	Inch1	Inch2	Degrees	From	To
21	25	0.54	52	DSI		P1	02H	0.00			TEH	TEC
21	25	0.21	102	DSI		P1	05H	0.03			TEH	TEC
21	26	0.61	67	DSI		P1	01H	0.03			TEH	TEC
21	29	1.02	103	DSI		P1	01H	-0.06			TEH	TEC
21	29	0.61	60	DSI		P1	02H	0.06			TEH	TEC
21	33	0.72	42	DSI		P1	01H	0.03			TEH	TEC
21	33	0.73	65	DSI		P1	02H	-0.06			TEH	TEC
21	34	1.29	67	DSI		P1	01H	0.00			TEH	TEC
21	34	0.74	81	DSI		P1	02H	0.25			TEH	TEC
21	34	0.39	111	MAI		3	01H	-0.11			01H	01H
21	39	1.02	93	DSI		P1	01H	-0.09			TEH	TEC
21	40	0.75	64	DSI		P1	01H	-0.06			TEH	TEC
21	40	0.40	71	DSI		P1	02H	0.00			TEH	TEC
21	40	0.32	64	DSI		P1	03H	0.06			TEH	TEC
21	46	0.64	87	DSI		P1	01H	-0.06			TEH	TEC
21	47	0.48	86	DSI		P1	01H	0.00			TEH	TEC
21	47	0.87	31	DSI		P1	02H	0.06			TEH	TEC
21	47	0.27	123	MAI		3	02H	0.05			02H	02H
21	49	1.14	64	DSI		P1	01H	0.03			TEH	TEC
21	49	0.92	53	DSI		P1	02H	0.06			TEH	TEC
21	49	0.56	112	MAI		3	01H	-0.02			01H	01H
21	51	0.51	38	DSI		P1	01H	0.00			TEH	TEC
21	51	0.83	68	DSI		P1	02H	0.03			TEH	TEC
21	51	0.94	48	DSI		P1	03H	0.03			TEH	TEC
21	53	0.50	86	DSI		P1	01H	0.03			TEH	TEC
21	53	0.88	44	DSI		P1	02H	-0.06			TEH	TEC
21	53	0.20	94	DSI		P1	03H	0.11			TEH	TEC
21	53	0.14	112	MAI		3	02H	-0.01			02H	02H
21	55	0.72	85	DSI		P1	01H	-0.03			TEH	TEC
21	56	0.31	83	DSI		P1	01H	0.00			TEH	TEC
21	56	0.36	44	DSI		P1	03H	0.00			TEH	TEC
21	57	0.36	56	DSI		P1	01H	0.03			TEH	TEC
21	57	0.82	45	DSI		P1	02H	-0.03			TEH	TEC
21	57	0.27	70	DSI		P1	03H	-0.05			TEH	TEC
21	57	0.34	145	DSI		P1	04H	0.00			TEH	TEC
21	57	0.19	124	MAI		3	02H	-0.16			02H	02H
21	58	0.99	61	DSI		P1	01H	0.00			TEH	TEC
21	58	1.15	31	DSI		P1	02H	0.00			TEH	TEC
21	58	0.29	123	SAI		3	01H	-0.12			01H	01H
21	58	0.29	123	SAI		3	02H	0.04			02H	02H
21	62	0.87	16	DSI		P1	01H	0.11			TEH	TEC
21	62	0.44	31	DSI		P1	03H	0.08			TEH	TEC
21	62	0.09	131	SAI		3	01H	-0.04			01H	01H
21	80	0.18	74	DSI		P1	01H	0.12			TEH	TEC
21	83	0.89	57	DSI		P1	01H	0.05			TEH	TEC
21	87	2.00	116	PCT	29	P1	02C	-0.21			TEH	TEC
22	10	0.77	97	DSI		P1	01H	0.11			TEH	TEC
22	11	0.60	74	DSI		P1	02H	0.15			TEH	TEC
22	12	0.59	63	DSI		P1	01H	0.00			TEH	TEC

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Row	Col	Volts	Phase	Ind	PCT	Chan	Loc	Inch1	Inch2	Degrees	From	To
22	15	1.79	71	DSI		P1	01H	0.06			TEH	TEC
22	15	0.40	113	MAI		3	01H	0.01			01H	01H
22	17	0.74	28	DSI		P1	01H	-0.03			TEH	TEC
22	19	0.97	25	DSI		P1	02H	0.00			TEH	TEC
22	19	0.19	87	MAI		3	02H	0.00			02H	02H
22	20	1.04	72	DSI		P1	01H	0.06			TEH	TEC
22	20	0.96	49	DSI		P1	03H	0.03			TEH	TEC
22	22	1.08	77	DSI		P1	01H	0.00			TEH	TEC
22	22	0.77	52	DSI		P1	02H	-0.03			TEH	TEC
22	23	1.31	62	DSI		P1	01H	0.09			TEH	TEC
22	23	0.43	55	DSI		P1	02H	0.03			TEH	TEC
22	23	0.29	115	MAI		3	01H	0.07			01H	01H
22	29	0.43	92	DSI		P1	02H	-0.03			TEH	TEC
22	39	0.38	102	DSI		P1	02H	0.00			TEH	TEC
22	40	0.85	97	DSI		P1	01H	0.11			TEH	TEC
22	41	0.71	59	DSI		P1	01H	0.00			TEH	TEC
22	42	1.18	58	DSI		P1	01H	0.08			TEH	TEC
22	42	0.59	92	MAI		3	01H	0.01			01H	01H
22	47	1.04	71	DSI		P1	01H	0.06			TEH	TEC
22	50	0.56	41	DSI		P1	01H	0.00			TEH	TEC
22	50	0.34	85	DSI		P1	02H	-0.03			TEH	TEC
22	54	0.52	46	DSI		P1	01H	-0.03			TEH	TEC
22	54	0.87	48	DSI		P1	02H	-0.05			TEH	TEC
22	57	0.44	31	DSI		P1	01H	0.03			TEH	TEC
22	58	0.67	24	DSI		P1	01H	0.00			TEH	TEC
22	59	0.56	65	DSI		P1	01H	0.03			TEH	TEC
22	60	0.54	73	DSI		P1	02H	0.03			TEH	TEC
22	62	0.34	52	DSI		P1	02H	0.00			TEH	TEC
22	70	0.88	49	DSI		P1	02H	0.13			TEH	TEC
22	75	0.96	87	DSI		P1	01H	0.05			TEH	TEC
22	75	0.91	100	DSI		P1	02H	0.13			TEH	TEC
22	84	0.29	66	DSI		P1	01H	0.03			TEH	TEC
22	85	0.74	129	PCT	11	P1	01C	-0.16			TEH	TEC
22	86	0.51	125	PCT	15	P1	02C	0.00			TEH	TEC
22	86	0.32	118	VOL		P1	02C	0.02			02C	02C
23	9	0.55	123	PCT	16	P1	01C	-0.09			TEH	TEC
23	24	0.14	101	DSI		P1	03H	0.11			TEH	TEC
23	38	0.36	131	DSI		P1	03H	0.23			TEH	TEC
23	42	0.36	39	DSI		P1	03H	0.03			TEH	TEC
23	49	0.42	54	DSI		P1	01H	-0.06			TEH	TEC
23	51	0.47	46	DSI		P1	02H	0.06			TEH	TEC
23	52	0.75	57	DSI		P1	01H	0.00			TEH	TEC
23	52	0.48	51	DSI		P1	04H	0.06			TEH	TEC
23	55	0.82	147	PCT	14	P2	AV3	-0.03			TEH	TEC
23	55	1.54	135	PCT	22	P2	AV4	-0.09			TEH	TEC
23	64	1.20	38	DSI		P1	01H	-0.08			TEH	TEC
23	66	0.31	84	DSI		P1	07H	0.03			TEH	TEC
23	73	1.15	31	DSI		P1	02H	0.03			TEH	TEC
23	73	0.12	114	MAI		3	02H	-0.16			02H	02H

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RC-E-1B
(TUBES WITH INDICATIONS)

Row	Col	Volts	Phase	Ind	PCT	Chan	Loc	Inch1	Inch2	Degrees	From	To
23	85	0.31	131	PCT	8	P1	01C	-0.24			TEH	TEC
23	86	0.74	118	PCT	24	P1	02C	-0.18			TEH	TEC
23	86	0.95	134	PCT	1	P1	01C	-0.15			TEH	TEC
23	88	1.57	111	PCT	36	P1	01C	-0.08			TEH	TEC
24	11	0.72	35	DSI		P1	01H	-0.03			TEH	TEC
24	14	0.48	120	DSI		P1	01H	0.14			TEH	TEC
24	14	0.58	78	DSI		P1	02H	-0.03			TEH	TEC
24	16	0.70	88	DSI		P1	01H	0.17			TEH	TEC
24	36	0.83	96	DSI		P1	01H	0.11			TEH	TEC
24	38	1.06	47	DSI		P1	01H	0.06			TEH	TEC
24	41	0.77	61	DSI		P1	01H	-0.03			TEH	TEC
24	50	0.42	79	DSI		P1	01H	-0.06			TEH	TEC
24	52	0.54	39	DSI		P1	02H	0.00			TEH	TEC
24	55	0.56	109	DSI		P1	01H	0.00			TEH	TEC
24	55	0.35	84	DSI		P1	02H	-0.08			TEH	TEC
24	56	0.55	64	DSI		P1	01H	0.00			TEH	TEC
24	56	0.64	51	DSI		P1	02H	0.03			TEH	TEC
24	58	0.66	33	DSI		P1	02H	-0.08			TEH	TEC
24	60	0.61	56	DSI		P1	02H	-0.05			TEH	TEC
24	60	0.39	38	DSI		P1	03H	0.03			TEH	TEC
24	60	0.44	42	DSI		P1	04H	0.11			TEH	TEC
24	84	0.36	41	DSI		P1	01H	0.03			TEH	TEC
24	86	1.11	118	PCT	24	P1	01C	-0.10			TEH	TEC
24	87	0.36	125	PCT	17	P1	02C	-0.16			TEH	TEC
24	87	1.00	128	PCT	13	P1	01C	0.00			TEH	TEC
25	10	0.86	115	PCT	23	P1	02C	0.20			TEH	TEC
25	10	0.67	135	PCT	0	P1	01C	-0.09			TEH	TEC
25	10	0.33	120	VOL		P1	01C	-0.12			01C	01C
25	16	0.47	66	DSI		P1	01H	0.11			TEH	TEC
25	18	0.57	56	DSI		P1	02H	0.00			TEH	TEC
25	20	0.76	57	DSI		P1	02H	0.00			TEH	TEC
25	21	1.25	51	DSI		P1	01H	0.09			TEH	TEC
25	21	0.71	99	MAI		3	01H	0.05			01H	01H
25	22	1.55	59	DSI		P1	01H	0.06			TEH	TEC
25	22	0.46	110	MAI		3	01H	-0.08			01H	01H
25	26	0.82	53	DSI		P1	01H	0.06			TEH	TEC
25	63	0.24	54	DSI		P1	04H	0.08			TEH	TEC
25	68	0.29	61	DSI		P1	03H	0.08			TEH	TEC
25	71	0.20	96	DSI		P1	02H	0.05			TEH	TEC
25	74	0.34	33	DSI		P1	03H	0.13			TEH	TEC
25	74	0.34	76	DSI		P1	04H	0.05			TEH	TEC
25	84	0.87	115	PCT	28	P1	01C	-0.23			TEH	TEC
25	85	0.37	130	PCT	10	P1	01C	-0.16			TEH	TEC
26	38	0.15	117	SAI		3	TSH	0.13	0.20		TSH	TSH
26	51	0.13	61	DSI		P1	03H	0.03			TEH	TEC
26	85	1.15	118	PCT	27	P1	02C	-0.13			TEH	TEC
26	85	0.35	126	VOL		P1	02C	-0.11			02C	02C
27	13	0.62	126	PCT	5	P1	01C	0.00			TEH	TEC
27	47	0.42	42	DSI		P1	01H	0.08			TEH	TEC

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RC-E-1B
(TUBES WITH INDICATIONS)

Row	Col	Volts	Phase	Ind	PCT	Chan	Loc	Inch1	Inch2	Degrees	From	To
27	58	0.39	67	DSI		P1	02H	-0.05			TEH	TEC
27	62	0.59	33	DSI		P1	01H	0.08			TEH	TEC
27	75	0.44	41	DSI		P1	02H	0.03			TEH	TEC
27	80	0.24	124	DSI		P1	01H	0.20			TEH	TEC
27	80	0.43	84	DSI		P1	02H	0.00			TEH	TEC
27	84	1.09	126	PCT	13	P1	01C	-0.18			TEH	TEC
27	85	1.17	115	PCT	31	P1	01C	-0.16			TEH	TEC
27	85	0.52	130	VOL		3	01C	-0.19			01C	01C
28	11	0.41	112	DSI		P1	02H	0.30			TEH	TEC
28	12	0.78	140	DSI		P1	01H	0.31			TEH	TEC
28	26	0.46	44	DSI		P1	02H	0.03			TEH	TEC
28	56	0.43	115	DSI		P1	02H	0.00			TEH	TEC
28	60	0.19	114	DSI		P1	07C	0.05			TEH	TEC
28	82	0.91	116	PCT	22	P1	01C	0.03			TEH	TEC
28	84	0.83	135	PCT	0	P1	02C	-0.13			TEH	TEC
28	85	0.69	127	PCT	14	P1	01C	-0.13			TEH	TEC
29	12	0.79	131	DSI		P1	01H	0.28			TEH	TEC
29	12	1.43	121	PCT	14	P1	01C	-0.17			TEH	TEC
29	14	1.64	111	PCT	27	P1	01C	-0.12			TEH	TEC
29	14	0.69	102	VOL		P1	01C	-0.05			01C	01C
29	16	0.38	55	DSI		P1	01H	0.00			TEH	TEC
29	84	0.43	126	PCT	11	P1	02C	0.03			TEH	TEC
29	84	2.18	126	PCT	11	P1	01C	-0.13			TEH	TEC
30	14	1.59	113	PCT	24	P1	01C	-0.09			TEH	TEC
30	16	0.43	125	PCT	7	P1	01C	-0.12			TEH	TEC
30	16	0.17	124	VOL		P1	01C	-0.08			01C	01C
30	17	0.83	143	PCT	0	P1	01C	-0.14			TEH	TEC
30	35	0.36	42	DSI		P1	02H	0.12			TEH	TEC
30	64	0.32	83	DSI		P1	07H	0.00			TEH	TEC
30	74	0.31	65	DSI		P1	01H	0.00			TEH	TEC
30	74	0.20	120	DSI		P1	04H	0.03			TEH	TEC
30	77	0.30	81	DSI		P1	01H	0.00			TEH	TEC
30	79	0.65	126	PCT	11	P1	02C	-0.13			TEH	TEC
30	80	0.83	135	PCT	0	P1	01C	-0.08			TEH	TEC
30	81	0.82	135	PCT	0	P1	02C	-0.08			TEH	TEC
30	81	1.86	106	PCT	38	P1	01C	0.00			TEH	TEC
30	82	1.52	126	PCT	4	P1	01C	-0.13			TEH	TEC
30	82	0.43	124	VOL		P1	01C	0.00			01C	01C
30	83	0.73	133	PCT	0	P1	01C	-0.15			TEH	TEC
31	13	0.37	94	DSI		P1	01H	0.33			TEH	TEC
31	17	1.25	131	PCT	0	P1	01C	-0.20			TEH	TEC
31	17	0.35	124	VOL		P1	01C	-0.15			01C	01C
31	22	0.67	50	DSI		P1	02H	0.09			TEH	TEC
31	24	0.68	30	DSI		P1	02H	0.03			TEH	TEC
31	24	0.26	27	DSI		P1	03H	0.15			TEH	TEC
31	24	0.28	56	DSI		P1	04H	0.00			TEH	TEC
31	27	0.14	120	SCI		P1	TSH	0.05		34	TSH	TSH
31	34	1.59	115	DSI		P1	01H	0.20			TEH	TEC
31	34	0.31	48	DSI		P1	02H	0.08			TEH	TEC

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RC-E-1B
(TUBES WITH INDICATIONS)

Row	Col	Volts	Phase	Ind	PCT	Chan	Loc	Inch1	Inch2	Degrees	From	To
31	34	0.51	106	SAI		3	01H	0.03			01H	01H
31	36	0.92	79	DSI		P1	01H	0.09			TEH	TEC
31	36	0.54	100	DSI		P1	02H	-0.06			TEH	TEC
31	37	0.31	97	DSI		P1	01H	0.03			TEH	TEC
31	38	1.07	108	DSI		P1	01H	0.14			TEH	TEC
31	38	0.74	93	DSI		P1	02H	-0.09			TEH	TEC
31	40	0.33	119	DSI		P1	02H	-0.12			TEH	TEC
31	43	0.62	69	DSI		P1	02H	0.00			TEH	TEC
31	43	0.64	74	DSI		P1	02H	0.00			07H	TEH
31	47	0.32	70	DSI		P1	01H	0.03			07H	TEH
31	47	0.40	123	DSI		P1	03H	0.03			07H	TEH
31	49	0.69	40	DSI		P1	02H	-0.03			07H	TEH
31	53	0.98	0	PCT	17	P2	AV3	-0.06			07H	TEC
31	62	0.51	47	DSI		P1	02H	-0.03			TEH	TEC
31	62	0.52	57	DSI		P1	03H	0.05			TEH	TEC
31	64	0.57	34	DSI		P1	01H	0.05			TEH	TEC
31	65	0.42	30	DSI		P1	02H	0.03			TEH	TEC
31	65	0.39	35	DSI		P1	03H	0.08			TEH	TEC
31	66	0.51	59	DSI		P1	01H	0.00			TEH	TEC
31	66	0.78	67	DSI		P1	02H	0.00			TEH	TEC
31	67	0.45	22	DSI		P1	02H	0.05			TEH	TEC
31	68	0.40	132	DSI		P1	01H	0.23			TEH	TEC
31	68	0.41	107	DSI		P1	02H	0.00			TEH	TEC
31	69	0.35	69	DSI		P1	02H	-0.03			TEH	TEC
31	78	1.64	111	PCT	29	P1	02C	-0.18			TEH	TEC
32	40	0.39	61	DSI		P1	02H	-0.06			TEH	TEC
32	46	4.37	0	PCT	35	P2	AV2	0.00			07H	TEC
32	46	5.31	0	PCT	38	P2	AV3	0.00			07H	TEC
32	46	1.65	0	PCT	22	P2	AV4	0.00			07H	TEC
32	46	4.10	0	PCT	35	P2	AV2	0.00			TEC	TEH
32	46	1.32	0	PCT	19	P2	AV4	0.00			TEC	TEH
32	71	0.35	91	DSI		P1	01H	0.15			TEH	TEC
32	72	0.34	62	DSI		P1	04H	0.08			TEH	TEC
32	75	0.74	54	DSI		P1	01H	0.08			TEH	TEC
32	76	0.55	138	PCT	0	P1	02C	-0.13			TEH	TEC
32	78	1.43	128	PCT	0	P1	02C	-0.10			TEH	TEC
32	78	2.05	116	PCT	22	P1	01C	-0.18			TEH	TEC
33	25	1.02	0	PCT	19	P2	AV4	0.00			TEH	TEC
33	34	0.28	64	DSI		P1	01H	0.14			TEH	TEC
33	34	0.57	76	DSI		P1	02H	-0.06			TEH	TEC
33	34	0.28	13	DSI		P1	03H	0.17			TEH	TEC
33	36	0.20	119	DSI		P1	01H	0.11			TEH	TEC
33	38	0.32	36	DSI		P1	02H	0.11			TEH	TEC
33	39	1.14	81	DSI		P1	01H	0.00			TEH	TEC
33	39	0.81	99	DSI		P1	02H	-0.06			TEH	TEC
33	39	0.56	57	DSI		P1	03H	0.03			TEH	TEC
33	39	0.33	108	MAI		3	01H	0.02			01H	01H
33	40	0.82	78	DSI		P1	01H	0.06			TEH	TEC
33	41	0.31	129	DSI		P1	04H	0.00			TEH	TEC

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RC-E-1B
(TUBES WITH INDICATIONS)

Row	Col	Volts	Phase	Ind	PCT	Chan	Loc	Inch1	Inch2	Degrees	From	To
33	46	0.38	49	DSI		P1	01H	0.00			07H	TEH
33	46	0.29	38	DSI		P1	07H	-0.03			07H	TEH
33	47	0.39	32	DSI		P1	01H	0.00			07H	TEH
33	48	0.43	79	DSI		P1	01H	0.09			TEC	TEH
33	51	0.61	98	DSI		P1	01H	-0.06			07H	TEH
33	51	0.96	87	DSI		P1	02H	-0.15			07H	TEH
33	51	1.22	82	DSI		P1	03H	-0.21			07H	TEH
33	51	0.65	84	DSI		P1	04H	-0.12			07H	TEH
33	51	0.30	101	MAI		3	03H	-0.05			03H	03H
33	53	0.59	97	DSI		P1	03H	-0.12			07H	TEH
33	53	0.55	31	DSI		P1	04H	0.06			07H	TEH
33	54	1.17	81	DSI		P1	02H	0.03			07H	TEH
33	54	0.32	123	MAI		3	02H	0.01			02H	02H
33	55	0.48	40	DSI		P1	03H	0.00			07H	TEH
33	57	0.27	64	DSI		P1	03H	0.00			07H	TEH
33	58	0.49	65	DSI		P1	01H	0.00			07H	TEH
33	59	0.88	73	DSI		P1	02H	-0.09			07H	TEH
33	59	0.46	50	DSI		P1	03H	0.03			07H	TEH
33	59	0.69	58	DSI		P1	05H	-0.06			07H	TEH
33	61	0.57	52	DSI		P1	01H	-0.06			07H	TEH
33	63	0.13	96	SCI		P1	TSH	-0.08			TSH	TSH
33	70	1.12	0	PCT	19	P2	AV3	-0.16			TEH	TEC
33	72	0.61	57	DSI		P1	01H	0.05			TEH	TEC
33	75	0.31	75	DSI		P1	05H	0.03			TEH	TEC
33	75	0.54	127	PCT	0	P1	02C	0.19			TEH	TEC
33	76	0.68	88	DSI		P1	01H	0.08			TEH	TEC
34	18	0.74	125	PCT	7	P1	02C	0.09			TEH	TEC
34	18	0.85	133	PCT	0	P1	01C	-0.18			TEH	TEC
34	24	0.82	127	DSI		P1	01H	0.00			TEH	TEC
34	26	0.65	106	DSI		P1	01H	0.09			TEH	TEC
34	28	0.24	55	DSI		P1	03H	0.00			TEH	TEC
34	29	0.74	80	DSI		P1	02H	0.00			TEH	TEC
34	29	0.26	104	DSI		P1	05H	0.20			TEH	TEC
34	33	1.25	96	DSI		P1	01H	0.06			TEH	TEC
34	33	0.27	118	MAI		3	01H	0.13			01H	01H
34	36	0.85	140	DSI		P1	01H	0.14			TEH	TEC
34	36	0.39	83	DSI		P1	03H	-0.03			TEH	TEC
34	37	1.66	100	DSI		P1	02H	0.09			TEH	TEC
34	37	0.97	85	DSI		P1	03H	0.15			TEH	TEC
34	37	0.61	97	DSI		P1	04H	0.06			TEH	TEC
34	37	0.47	105	MAI		3	02H	0.17			02H	02H
34	41	0.55	129	DSI		P1	01H	0.12			TEH	TEC
34	41	0.72	111	DSI		P1	02H	-0.06			TEH	TEC
34	43	0.72	88	DSI		P1	05H	0.00			TEH	TEC
34	43	0.71	86	DSI		P1	05H	-0.03			07H	TEH
34	44	0.61	122	DSI		P1	01H	-0.09			07H	TEH
34	44	0.55	28	DSI		P1	02H	0.06			07H	TEH
34	50	0.54	94	DSI		P1	04H	-0.03			07H	TEH
34	51	0.66	82	DSI		P1	01H	0.18			07H	TEH

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(TUBES WITH INDICATIONS)

Row	Col	Volts	Phase	Ind	PCT	Chan	Loc	Inch1	Inch2	Degrees	From	To
34	56	0.56	82	DSI		P1	02H	-0.03			07H	TEH
34	62	0.94	84	DSI		P1	01H	0.05			TEH	TEC
34	65	0.47	92	DSI		P1	01H	0.03			TEH	TEC
34	78	1.87	120	PCT	15	P1	01C	-0.05			TEH	TEC
34	79	0.19	112	PCT	31	P1	02C	-0.27			TEH	TEC
34	79	1.33	139	PCT	0	P1	01C	0.00			TEH	TEC
35	17	0.87	114	PCT	23	P1	01C	-0.27			TEH	TEC
35	18	0.61	142	PCT	0	P1	02C	-0.15			TEH	TEC
35	22	0.28	54	DSI		P1	01H	0.00			TEH	TEC
35	26	1.17	95	DSI		P1	01H	0.12			TEH	TEC
35	26	0.63	99	MAI		3	01H	0.18			01H	01H
35	27	1.20	88	DSI		P1	01H	0.00			TEH	TEC
35	27	0.57	111	MAI		3	01H	-0.01			01H	01H
35	28	0.69	43	DSI		P1	03H	-0.06			TEH	TEC
35	34	0.45	126	DSI		P1	01H	0.11			TEH	TEC
35	34	0.47	86	DSI		P1	02H	0.00			TEH	TEC
35	35	0.55	22	DSI		P1	04H	0.09			TEH	TEC
35	36	0.34	107	DSI		P1	02H	-0.06			TEH	TEC
35	37	0.58	55	DSI		P1	02H	0.00			TEH	TEC
35	41	0.63	80	DSI		P1	01H	0.00			TEH	TEC
35	58	0.25	45	DSI		P1	03H	0.00			07H	TEH
35	67	0.40	82	DSI		P1	02H	0.08			TEH	TEC
35	73	0.48	72	DSI		P1	04H	0.03			TEH	TEC
35	73	0.47	145	PCT	0	P1	01C	-0.16			TEH	TEC
35	75	3.01	110	PCT	33	P1	02C	-0.13			TEH	TEC
35	76	0.26	124	PCT	8	P1	01C	-0.08			TEH	TEC
35	78	2.34	145	PCT	0	P1	01C	-0.15			TEH	TEC
35	78	0.22	108	VOL		3	01C	0.02			01C	01C
36	20	0.85	147	PCT	0	P1	02C	-0.21			TEH	TEC
36	23	0.37	112	DSI		P1	01H	0.11			TEH	TEC
36	23	0.30	101	DSI		P1	03H	0.06			TEH	TEC
36	26	0.55	0	PCT	10	P2	AV2	0.00			TEH	TEC
36	26	1.52	0	PCT	23	P2	AV3	0.00			TEH	TEC
36	26	0.55	0	PCT	10	P2	AV4	0.00			TEH	TEC
36	27	0.30	123	DSI		P1	02H	-0.03			TEH	TEC
36	29	1.07	122	DSI		P1	01H	0.14			TEH	TEC
36	30	0.62	125	DSI		P1	01H	0.11			TEH	TEC
36	39	0.62	157	DSI		P1	01H	0.15			TEH	TEC
36	49	0.46	115	DSI		P1	01H	-0.06			07H	TEH
36	49	0.28	62	DSI		P1	04H	0.09			07H	TEH
36	61	1.50	0	PCT	22	P2	AV3	-0.24			07H	TEC
36	72	0.39	130	PCT	0	P1	01C	-0.26			TEH	TEC
36	73	1.62	106	PCT	38	P1	01C	-0.11			TEH	TEC
36	76	0.72	140	PCT	0	P1	01C	-0.13			TEH	TEC
37	21	1.23	126	PCT	5	P1	02C	-0.20			TEH	TEC
37	22	0.80	131	PCT	0	P1	02C	-0.21			TEH	TEC
37	22	0.41	143	PCT	0	P1	01C	-0.21			TEH	TEC
37	31	1.24	96	DSI		P1	01H	0.03			TEH	TEC
37	31	0.60	95	MAI		3	01H	0.19			01H	01H

BEAVER VALLEY UNIT #1
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RC-E-1B
(TUBES WITH INDICATIONS)

Row	Col	Volts	Phase	Ind	PCT	Chan	Loc	Inch1	Inch2	Degrees	From	To
37	43	1.90	0	PCT	25	P2	AV2	0.00			TEH	TEC
37	43	2.44	0	PCT	28	P2	AV3	0.00			TEH	TEC
37	55	0.16	76	DSI		P1	01H	-0.06			07H	TEH
37	57	0.76	89	DSI		P1	02H	0.00			07H	TEH
37	65	0.41	91	DSI		P1	03H	0.05			TEH	TEC
37	74	1.39	130	PCT	5	P1	02C	0.19			TEH	TEC
37	75	1.65	155	PCT	0	P1	01C	-0.13			TEH	TEC
37	75	0.19	113	VOL		3	01C	0.00			01C	01C
37	76	0.75	131	PCT	0	P1	02C	-0.08			TEH	TEC
37	76	0.89	162	PCT	0	P1	01C	-0.03			TEH	TEC
38	21	0.66	141	PCT	0	P1	02C	-0.06			TEH	TEC
38	26	0.22	0	PCT	2	P2	AV2	0.00			TEH	TEC
38	27	0.71	120	PCT	20	P1	02C	-0.26			TEH	TEC
38	31	0.39	143	DSI		P1	06H	0.10			TEH	TEC
38	32	0.45	47	DSI		P1	02H	0.03			TEH	TEC
38	44	0.77	75	DSI		P1	01H	0.03			07H	TEH
38	68	0.21	119	PCT	20	P1	02C	0.08			TEH	TEC
38	69	0.39	132	PCT	3	P1	02C	-0.11			TEH	TEC
38	72	1.78	127	PCT	11	P1	02C	0.13			TEH	TEC
39	22	1.21	0	PCT	19	P2	AV2	0.15			TEH	TEC
39	22	2.01	0	PCT	25	P2	AV4	-0.24			TEH	TEC
39	23	1.53	127	PCT	3	P1	02C	-0.23			TEH	TEC
39	24	1.29	142	PCT	0	P1	02C	-0.21			TEH	TEC
39	26	0.40	104	DSI		P1	01H	0.09			TEH	TEC
39	26	0.44	107	DSI		P1	02H	0.24			TEH	TEC
39	26	0.76	143	PCT	0	P1	02C	-0.12			TEH	TEC
39	26	0.58	141	PCT	0	P1	01C	-0.12			TEH	TEC
39	26	0.17	70	VOL		3	02C	-0.15			02C	02C
39	38	0.59	76	DSI		P1	01H	-0.03			TEH	TEC
39	39	2.24	0	PCT	28	P2	AV3	-0.15			TEH	TEC
39	39	1.90	0	PCT	26	P2	AV4	0.00			TEH	TEC
39	43	0.32	105	DSI		P1	01H	0.03			TEH	TEC
39	43	0.31	101	DSI		P1	01H	-0.03			07H	TEH
39	44	0.57	101	DSI		P1	02H	0.12			07H	TEH
39	48	1.41	0	PCT	20	P2	AV3	0.00			07H	TEC
39	48	1.70	0	PCT	23	P2	AV4	0.00			07H	TEC
39	48	1.25	96	DSI		P1	01H	0.09			07H	TEH
39	48	0.87	92	SAI		3	01H	-0.03			01H	01H
39	52	0.83	100	DSI		P1	01H	0.00			07H	TEH
39	56	2.56	0	PCT	28	P2	AV3	0.00			07H	TEC
39	56	1.69	0	PCT	23	P2	AV4	0.87			07H	TEC
39	57	2.69	0	PCT	30	P2	AV3	0.00			07H	TEC
39	57	1.02	0	PCT	17	P2	AV4	-0.36			07H	TEC
39	57	0.36	96	DSI		P1	05H	-0.09			07H	TEH
39	58	2.57	0	PCT	28	P2	AV3	0.03			07H	TEC
39	60	2.12	0	PCT	26	P2	AV4	-0.14			07H	TEC
39	61	3.68	0	PCT	34	P2	AV3	0.00			07H	TEC
39	71	0.60	130	PCT	2	P1	02C	-0.20			TEH	TEC
39	71	0.36	130	PCT	2	P1	01C	0.03			TEH	TEC

BEAVER VALLEY UNIT #1
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RC-E-1B
(TUBES WITH INDICATIONS)

Row	Col	Volts	Phase	Ind	PCT	Chan	Loc	Inch1	Inch2	Degrees	From	To
39	72	1.90	118	PCT	24	P1	02C	0.19			TEH	TEC
39	72	0.29	117	VOL		P1	02C	-0.13			02C	02C
39	72	0.53	130	VOL		P1	02C	0.12			02C	02C
39	73	1.10	125	PCT	6	P1	02C	0.13			TEH	TEC
39	73	0.05	90	VOL		3	02C	0.08			02C	02C
40	24	0.53	128	PCT	10	P1	01C	-0.18			TEH	TEC
40	27	1.14	137	PCT	0	P1	02C	-0.14			TEH	TEC
40	27	0.40	129	PCT	5	P1	01C	-0.20			TEH	TEC
40	27	0.27	109	VOL		3	02C	-0.01			02C	02C
40	28	0.53	145	PCT	0	P1	02C	-0.12			01H	TEC
40	28	0.45	134	PCT	3	P1	02C	-0.11			TEH	TEC
40	53	0.91	0	PCT	16	P2	AV3	0.00			07H	TEC
40	66	0.83	130	PCT	2	P1	02C	0.10			TEH	TEC
40	66	0.31	117	VOL		P1	02C	0.06			02C	02C
40	70	1.17	119	PCT	23	P1	02C	-0.19			TEH	TEC
40	70	1.04	120	PCT	21	P1	01C	-0.21			TEH	TEC
40	70	0.41	123	VOL		P1	02C	-0.09			02C	02C
40	71	0.32	83	DSI		P1	01H	0.00			TEH	TEC
40	71	0.79	70	DSI		P1	02H	0.13			TEH	TEC
41	26	1.62	115	PCT	28	P1	02C	-0.18			TEH	TEC
41	26	0.79	135	PCT	0	P1	01C	-0.09			TEH	TEC
41	27	2.02	115	PCT	27	P1	02C	-0.20			TEH	TEC
41	41	0.93	0	PCT	16	P2	AV4	0.00			TEH	TEC
41	43	1.25	90	PCT	20	P2	AV1	0.02			TEH	TEC
41	43	3.66	62	PCT	34	P2	AV2	-0.03			TEH	TEC
41	43	3.79	61	PCT	34	P2	AV3	-0.03			TEH	TEC
41	43	1.61	118	PCT	23	P2	AV4	-0.02			TEH	TEC
41	46	1.34	100	DSI		P1	01H	0.00			07H	TEH
41	46	0.64	98	MAI		3	01H	0.00			01H	01H
41	51	1.36	0	PCT	20	P2	AV3	0.00			07H	TEC
41	51	1.90	0	PCT	25	P2	AV4	0.00			07H	TEC
41	53	0.68	58	DSI		P1	02H	0.00			07H	TEH
41	61	1.10	0	PCT	18	P2	AV1	0.00			07H	TEC
41	64	0.96	0	PCT	17	P2	AV3	0.00			TEH	TEC
41	66	1.19	126	PCT	9	P1	01C	-0.08			TEH	TEC
41	69	0.51	129	PCT	4	P1	02C	-0.13			TEH	TEC
42	28	1.54	123	PCT	17	P1	02C	0.09			TEH	TEC
42	29	0.85	128	PCT	10	P1	02C	0.00			TEH	TEC
42	30	0.68	125	PCT	16	P1	02C	-0.11			TEH	TEC
42	33	1.94	115	PCT	27	P1	02C	-0.12			TEH	TEC
42	34	1.37	107	PCT	39	P1	01C	0.00			TEH	TEC
42	35	0.35	129	PCT	7	P1	02C	-0.18			TEH	TEC
42	35	0.23	116	VOL		P1	02C	-0.06			02C	02C
42	36	0.81	122	PCT	20	P1	01C	-0.03			TEH	TEC
42	51	1.22	92	DSI		P1	01H	0.03			07H	TEH
42	51	0.78	105	SAI		3	01H	0.01			01H	01H
42	52	1.19	0	PCT	18	P2	AV1	0.20			07H	TEC
42	57	0.45	123	PCT	16	P1	01C	-0.18			07H	TEC
42	59	0.47	133	PCT	1	P1	02C	0.00			07H	TEC

BEAVER VALLEY UNIT #1
1R13 S/G EXAMINATION RESULTS

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RC-E-1B
(TUBES WITH INDICATIONS)

Row	Col	Volts	Phase	Ind	PCT	Chan	Loc	Inch1	Inch2	Degrees	From	To
42	60	1.01	138	PCT	0	P1	02C	-0.23			07H	TEC
42	62	0.37	73	DSI		P1	04H	0.00			TEH	TEC
42	62	0.39	123	DSI		P1	05H	0.10			TEH	TEC
42	62	0.48	134	PCT	0	P1	01C	-0.08			TEH	TEC
43	31	1.64	0	PCT	24	P2	AV4	0.00			TEH	TEC
43	34	1.06	128	PCT	12	P1	02C	0.06			TEH	TEC
43	34	1.26	126	PCT	15	P1	01C	-0.11			TEH	TEC
43	34	0.50	121	VOL		3	01C	-0.06			01C	01C
43	36	0.68	134	PCT	3	P1	02C	-0.26			TEH	TEC
43	38	0.55	109	DSI		P1	01H	0.37			TEH	TEC
43	41	0.19	64	DSI		P1	05H	0.00			TEH	TEC
43	45	0.78	93	DSI		P1	01H	0.00			07H	TEH
43	48	0.84	119	DSI		P1	01H	-0.09			07H	TEH
43	49	0.35	86	DSI		P1	01H	-0.03			07H	TEH
43	50	0.43	125	PCT	11	P1	01C	0.09			07H	TEC
43	50	0.22	118	VOL		P1	01C	0.06			01C	01C
43	57	0.99	0	PCT	17	P2	AV1	-0.03			TEH	TEC
43	59	1.29	0	PCT	20	P2	AV1	0.00			07H	TEC
43	59	1.37	125	PCT	13	P1	01C	-0.18			07H	TEC
43	59	0.31	122	VOL		P1	01C	-0.09			01C	01C
43	61	1.54	0	PCT	23	P2	AV1	0.00			07H	TEC
43	63	0.64	126	PCT	12	P1	02C	-0.08			TEH	TEC
43	64	0.42	121	PCT	17	P1	02C	-0.21			TEH	TEC
43	65	1.37	124	PCT	12	P1	02C	0.08			TEH	TEC
43	65	0.32	123	VOL		P1	02C	0.04			02C	02C
44	36	1.13	118	PCT	25	P1	02C	0.11			TEH	TEC
44	36	1.46	96	VOL		P2	02C	0.08			02C	02C
44	37	0.54	131	PCT	4	P1	02C	0.06			TEH	TEC
44	37	0.75	133	PCT	1	P1	01C	-0.06			TEH	TEC
44	37	0.31	134	VOL		P1	01C	-0.02			01C	01C
44	38	1.90	123	PCT	19	P1	02C	-0.14			TEH	TEC
44	38	1.10	118	PCT	25	P1	01C	-0.09			TEH	TEC
44	39	0.60	141	PCT	0	P1	02C	0.12			TEH	TEC
44	41	0.39	139	PCT	0	P1	02C	0.15			TEH	TEC
44	43	0.93	126	PCT	11	P1	02C	-0.15			TEH	TEC
44	43	0.34	131	PCT	4	P1	02C	0.12			TEH	TEC
44	44	0.32	119	PCT	20	P1	01C	0.00			07H	TEC
44	44	0.07	59	VOL		3	01C	0.00			01C	01C
44	50	0.79	129	PCT	4	P1	02C	-0.20			07H	TEC
44	50	0.31	121	PCT	17	P1	01C	0.03			07H	TEC
44	50	0.22	125	VOL		P1	02C	-0.17			02C	02C
44	51	0.45	120	PCT	20	P1	01C	-0.24			07H	TEC
44	53	1.45	113	PCT	31	P1	01C	-0.06			07H	TEC
44	57	0.61	130	PCT	10	P1	02C	0.03			TEH	TEC
44	57	0.51	126	PCT	15	P1	01C	0.00			TEH	TEC
44	57	0.33	125	VOL		P1	01C	0.00			01C	01C
44	58	0.92	139	PCT	0	P1	01C	-0.09			07H	TEC
44	59	0.66	132	PCT	2	P1	02C	-0.12			07H	TEC
44	59	0.70	128	PCT	8	P1	01C	-0.12			07H	TEC

BEAVER VALLEY UNIT #1
1R13 S/G EXAMINATION RESULTS

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RC-E-1B
(TUBES WITH INDICATIONS)

Row	Col	Volts	Phase	Ind	PCT	Chan	Loc	Inch1	Inch2	Degrees	From	To
44	62	0.81	139	DSI		P1	01H	0.15			TEH	TEC
44	62	1.77	116	PCT	24	P1	02C	-0.18			TEH	TEC
44	62	0.77	104	VOL		P1	02C	-0.05			02C	02C
45	36	1.59	107	PCT	37	P1	02C	0.00			TEH	TEC
45	36	0.57	137	PCT	0	P1	01C	0.09			TEH	TEC
45	36	0.90	127	VOL		P1	02C	0.00			02C	02C
45	39	0.78	129	DSI		P1	01H	0.09			TEH	TEC
45	39	1.72	123	PCT	17	P1	02C	-0.09			TEH	TEC
45	40	0.52	123	DSI		P1	03H	0.20			TEH	TEC
45	41	18.82	316	PSI		8	07H	0.00			07H	TEC
45	41	19.48	140	PSI		8	07H	0.00			TEH	TEC
45	41	0.19	64	CSI		11	07H	0.00			07H	07H
45	42	1.92	123	PCT	14	P1	02C	-0.14			TEH	TEC
45	42	0.95	125	PCT	11	P1	01C	-0.11			TEH	TEC
45	42	0.61	130	PCT	2	P1	01C	0.23			TEH	TEC
45	43	0.89	119	PCT	22	P1	02C	0.00			07H	TEC
45	43	0.72	124	PCT	12	P1	01C	0.03			07H	TEC
45	44	0.67	128	PCT	5	P1	02C	-0.06			07H	TEC
45	44	1.02	129	PCT	4	P1	01C	-0.09			07H	TEC
45	45	0.45	130	PCT	5	P1	02C	-0.21			07H	TEC
45	47	0.54	151	PCT	2	P1	02C	-0.17			07H	TEC
45	47	0.57	124	PCT	28	P1	01C	-0.17			07H	TEC
45	49	1.39	123	PCT	16	P1	01C	-0.12			07H	TEC
45	53	0.53	139	PCT	0	P1	02C	-0.21			07H	TEC
45	53	1.44	114	PCT	29	P1	01C	-0.09			07H	TEC
45	53	0.10	141	VOL		3	02C	-0.07			02C	02C
45	56	0.90	126	PCT	15	P1	02C	-0.06			TEH	TEC
45	57	0.67	131	PCT	9	P1	01C	-0.06			TEH	TEC
45	58	0.40	132	PCT	6	P1	02C	-0.26			07H	TEC
45	58	0.68	128	PCT	12	P1	01C	-0.03			07H	TEC
45	58	0.19	126	VOL		P1	02C	-0.08			02C	02C
46	41	19.05	140	PSI		8	07H	0.00			TEH	TEC
46	41	0.22	73	CSI		11	07H	0.02			07H	07H
46	44	0.76	118	PCT	21	P1	01C	0.17			07H	TEC
46	45	1.63	113	PCT	29	P1	02C	-0.09			07H	TEC
46	46	1.05	117	PCT	23	P1	02C	0.00			07H	TEC
46	46	0.91	123	PCT	14	P1	01C	-0.03			07H	TEC

ATTACHMENT 2A

BEAVER VALLEY UNIT #1
1R13 S/G EXAMINATION RESULTS

RC-E-1B

EOC 13 INSERVICE TUBES
REPAIRED VIA PLUGGING

BEAVER VALLEY UNIT #1
1R13 S/G EXAMINATION RESULTS

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RC-E-1B

(EOC 13 INSERVICE TUBES REPAIRED VIA PLUGGING)

Row	Col	Volts	Phase	Ind	PCT	Chan	Loc	Inch1	Inch2	Degrees	From	To
3	56		SLEEVE INSTALLATION ANOMALY/ADMINISTRATIVELY PLUGGED									
3	94	0.62	80	PCT	65	P1	01C	-0.41			07C	TEC
8	92	3.41	103	PCT	42	P1	01C	-0.20			TEH	TEC

ATTACHMENT 2B

BEAVER VALLEY UNIT #1
1R13 S/G EXAMINATION RESULTS
RC-E-1B
TUBES REPAIRED VIA SLEEVING

BEAVER VALLEY UNIT #1
1R13 S/G EXAMINATION RESULTS
RC-E-1B
(TUBES REPAIRED VIA SLEEVING)

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ROW	COL	LOCATION	LENGTH	ROW	COL	LOCATION	LENGTH
3	11	TSH	30	9	39	TSH	30
3	23	TSH	30	9	40	TSH	30
3	23	01H	12	9	45	TSH	30
3	24	TSH	30	9	47	TSH	30
3	24	01H	12	10	25	TSH	30
3	47	TSH	30	10	26	TSH	30
4	23	TSH	30	10	28	TSH	30
4	24	TSH	30	10	30	TSH	30
4	25	TSH	30	10	31	TSH	30
4	32	01H	12	10	32	TSH	30
4	38	TSH	30	10	33	TSH	30
5	18	TSH	30	10	38	TSH	30
5	18	01H	12	10	39	TSH	30
5	18	02H	12	10	40	TSH	30
5	20	TSH	30	10	45	TSH	30
5	50	TSH	30	10	47	TSH	30
6	24	TSH	30	10	48	TSH	30
6	24	01H	12	10	61	TSH	30
6	29	TSH	30	11	22	TSH	30
6	30	TSH	30	11	22	01H	12
6	34	TSH	30	11	24	TSH	30
7	11	TSH	30	11	25	TSH	30
7	11	01H	12	11	28	TSH	30
7	23	TSH	30	11	29	TSH	30
7	25	TSH	30	11	29	01H	12
7	31	TSH	30	11	31	TSH	30
7	34	TSH	30	11	32	TSH	30
7	36	TSH	30	11	33	TSH	30
7	38	TSH	30	11	34	TSH	30
8	26	TSH	30	11	38	TSH	30
8	28	TSH	30	11	39	TSH	30
8	29	TSH	30	11	39	01H	12
8	31	TSH	30	11	40	TSH	30
8	32	TSH	30	11	41	TSH	30
8	34	TSH	30	11	47	TSH	30
8	35	TSH	30	11	50	TSH	30
8	36	TSH	30	12	8	01H	12
8	39	TSH	30	12	24	TSH	30
9	18	TSH	30	12	27	TSH	30
9	22	TSH	30	12	28	TSH	30
9	25	TSH	30	12	29	TSH	30
9	28	TSH	30	12	31	TSH	30
9	29	TSH	30	12	33	TSH	30
9	32	TSH	30	12	34	TSH	30
9	33	TSH	30	12	38	TSH	30
9	34	TSH	30	12	39	TSH	30
9	36	TSH	30	12	43	TSH	30
9	36	01H	12	12	44	TSH	30
9	36	02H	12	12	46	TSH	30
9	37	TSH	30	12	47	TSH	30
9	38	TSH	30	12	48	TSH	30

BEAVER VALLEY UNIT #1
1R13 S/G EXAMINATION RESULTS
RC-E-1B
(TUBES REPAIRED VIA SLEEVING)

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ROW	COL	LOCATION	LENGTH	ROW	COL	LOCATION	LENGTH
12	54	TSH	30	15	36	01H	30
13	25	TSH	30	15	41	TSH	30
13	25	01H	12	15	49	TSH	30
13	25	02H	12	15	51	TSH	30
13	28	TSH	30	16	28	TSH	30
13	31	TSH	30	16	31	TSH	30
13	32	TSH	30	16	32	TSH	30
13	32	01H	12	16	33	TSH	30
13	34	TSH	30	16	35	TSH	30
13	35	TSH	30	16	35	01H	12
13	36	TSH	30	16	36	TSH	30
13	38	TSH	30	16	38	TSH	30
13	39	TSH	30	16	39	TSH	30
13	44	TSH	30	16	40	TSH	30
13	47	TSH	30	16	42	TSH	30
13	48	TSH	30	16	42	01H	12
13	50	TSH	30	16	43	TSH	30
13	51	TSH	30	16	45	TSH	30
13	52	TSH	30	16	46	TSH	30
13	54	TSH	30	17	14	01H	12
13	55	TSH	30	17	28	TSH	30
14	24	TSH	30	17	29	TSH	30
14	29	TSH	30	17	29	01H	12
14	30	TSH	30	17	30	TSH	30
14	31	TSH	30	17	32	TSH	30
14	32	TSH	30	17	38	TSH	30
14	33	TSH	30	17	39	TSH	30
14	35	TSH	30	17	39	01H	12
14	39	TSH	30	17	40	TSH	30
14	40	TSH	30	17	42	TSH	30
14	42	TSH	30	17	43	TSH	30
14	43	TSH	30	17	43	01H	12
14	44	TSH	30	17	44	TSH	30
14	46	TSH	30	18	18	01H	12
14	47	TSH	30	18	28	TSH	30
14	47	01H	12	18	33	TSH	30
14	48	TSH	30	18	36	TSH	30
14	49	TSH	30	18	39	TSH	30
14	51	TSH	30	18	40	TSH	30
14	52	TSH	30	18	40	01H	12
15	25	TSH	30	18	41	TSH	30
15	29	TSH	30	19	28	TSH	30
15	29	01H	12	19	32	TSH	30
15	31	TSH	30	19	34	TSH	30
15	32	TSH	30	19	36	TSH	30
15	34	TSH	30	19	38	TSH	30
15	34	01H	12	19	40	TSH	30
15	35	TSH	30	19	40	01H	12
15	35	01H	12	19	41	TSH	30
15	35	02H	12	19	42	TSH	30
15	36	TSH	30	19	43	TSH	30

BEAVER VALLEY UNIT #1
1R13 S/G EXAMINATION RESULTS

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RC-E-1B
(TUBES REPAIRED VIA SLEEVING)

ROW	COL	LOCATION	LENGTH	ROW	COL	LOCATION	LENGTH
19	43	01H	12				
20	34	TSH	30				
21	27	TSH	30				
22	63	TSH	30				
26	38	TSH	30				
33	63	TSH	30				

ATTACHMENT 3

**BEAVER VALLEY UNIT #1
1R13 S/G EXAMINATION RESULTS**

RC-E-1C
TUBES WITH INDICATIONS

BEAVER VALLEY UNIT #1
1R13 S/G EXAMINATION RESULTS

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RC-E-1C
(TUBES WITH INDICATIONS)

Row	Col	Volts	Phase	Ind	PCT	Chan	Loc	Inch1	Inch2	Degrees	From	To
1	44	0.47	92	DSI		P1	01H	0.03			07H	TEH
1	44	0.50	68	DSI		P1	02H	0.09			07H	TEH
1	44	0.93	28	SCI		P2	07H	9.39		58	07H	07C
1	45	1.39	83	DSI		P1	01H	0.06			07H	TEH
1	45	0.44	70	DSI		P1	02H	0.06			07H	TEH
1	45	0.18	98	MAI		3	01H	0.23	-0.11		01H	01H
1	46	0.78	117	DSI		P1	01H	0.15			07H	TEH
1	46	0.50	65	DSI		P1	02H	0.09			07H	TEH
1	46	0.77	22	SCI		P2	07H	7.39		76	07C	07H
1	46	0.96	17	SCI		P2	07H	10.38			07C	07H
1	47	1.23	62	DSI		P1	01H	0.06			07H	TEH
1	47	0.86	91	DSI		P1	02H	-0.03			07H	TEH
1	47	0.24	127	MAI		3	01H	0.26	-0.10		01H	01H
1	86	0.55	62	DSI		P1	02H	0.03			07H	TEH
1	87	0.73	37	DSI		P1	02H	-0.03			07H	TEH
1	90	1.04	31	DSI		P1	02H	0.00			07H	TEH
1	90	0.22	120	SAI		3	02H	0.01			02H	02H
1	93	0.99	30	DSI		P1	02H	-0.15			07H	TEH
1	93	0.47	49	DSI		P1	05H	0.03			07H	TEH
1	94	0.54	51	DSI		P1	02H	-0.03			07H	TEH
1	94	0.75	31	DSI		P1	03H	0.00			07H	TEH
2	3	0.61	116	DSI		P1	04H	0.00			07H	TEH
2	6	1.35	37	DSI		P1	01H	0.06			07H	TEH
2	6	0.70	62	DSI		P1	02H	-0.09			07H	TEH
2	6	0.10	86	SAI		3	01H	-0.16			01H	01H
2	7	0.79	57	DSI		P1	01H	0.03			07H	TEH
2	7	0.85	62	DSI		P1	02H	0.00			07H	TEH
2	7	1.09	48	DSI		P1	03H	-0.06			07H	TEH
2	8	0.81	97	DSI		P1	01H	-0.12			07H	TEH
2	8	0.91	67	DSI		P1	02H	0.03			07H	TEH
2	8	0.46	58	DSI		P1	03H	-0.12			07H	TEH
2	10	0.78	52	DSI		P1	01H	0.06			07H	TEH
2	10	1.09	76	DSI		P1	03H	-0.03			07H	TEH
2	11	1.57	35	DSI		P1	01H	-0.06			07H	TEH
2	11	0.82	40	DSI		P1	02H	0.03			07H	TEH
2	11	0.55	54	DSI		P1	03H	-0.12			07H	TEH
2	12	1.24	51	DSI		P1	01H	0.06			07H	TEH
2	12	0.13	96	SAI		3	01H	0.13			01H	01H
2	13	1.01	50	DSI		P1	01H	0.03			07H	TEH
2	14	0.79	54	DSI		P1	01H	0.06			07H	TEH
2	14	0.52	43	DSI		P1	02H	-0.06			07H	TEH
2	15	1.07	40	DSI		P1	01H	0.00			07H	TEH
2	15	0.96	44	DSI		P1	02H	-0.03			07H	TEH
2	15	0.46	59	DSI		P1	03H	-0.06			07H	TEH
2	15	0.13	94	SAI		3	02H	-0.04			02H	02H
2	17	1.20	55	DSI		P1	01H	0.03			07H	TEH
2	17	1.10	49	DSI		P1	02H	-0.03			07H	TEH
2	17	0.62	35	DSI		P1	04H	0.00			07H	TEH
2	18	0.64	57	DSI		P1	01H	0.00			07H	TEH

BEAVER VALLEY UNIT #1
1R13 S/G EXAMINATION RESULTS

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RC-E-1C
(TUBES WITH INDICATIONS)

Row	Col	Volts	Phase	Ind	PCT	Chan	Loc	Inch1	Inch2	Degrees	From	To
2	18	0.81	66	DSI		P1	02H	-0.03			07H	TEH
2	18	1.03	51	DSI		P1	03H	0.03			07H	TEH
2	19	0.80	67	DSI		P1	01H	0.03			07H	TEH
2	19	0.40	68	DSI		P1	02H	0.09			07H	TEH
2	19	0.31	65	DSI		P1	03H	0.00			07H	TEH
2	20	0.79	47	DSI		P1	01H	0.00			07H	TEH
2	23	0.88	41	DSI		P1	01H	0.00			07H	TEH
2	23	0.78	41	DSI		P1	02H	-0.09			07H	TEH
2	25	0.82	81	DSI		P1	01H	0.00			07H	TEH
2	25	1.04	72	DSI		P1	02H	0.00			07H	TEH
2	26	0.67	50	DSI		P1	01H	0.00			07H	TEH
2	26	0.83	47	DSI		P1	02H	-0.06			07H	TEH
2	26	0.21	93	DSI		P1	03H	0.06			07H	TEH
2	28	0.84	55	DSI		P1	01H	-0.11			07H	TEH
2	33	0.74	27	DSI		P1	01H	0.00			07H	TEH
2	33	0.21	46	DSI		P1	02H	-0.08			07H	TEH
2	33	0.20	131	SAI		3	02H	-0.17			02H	02H
2	42	0.43	59	DSI		P1	01H	0.00			07H	TEH
2	44	0.24	111	DSI		P1	02H	0.00			07H	TEH
2	48	0.65	55	DSI		P1	01H	0.00			07H	TEH
2	49	0.54	69	DSI		P1	01H	-0.09			07H	TEH
2	51	0.32	57	DSI		P1	02H	0.00			07H	TEH
2	54	0.71	76	DSI		P1	01H	0.06			07H	TEH
2	54	0.79	30	DSI		P1	02H	-0.03			07H	TEH
2	65	0.23	78	DSI		P1	02H	-0.03			07H	TEH
2	75	0.29	60	DSI		P1	02H	-0.03			07H	TEH
2	76	0.64	69	DSI		P1	02H	0.03			07H	TEH
2	87	0.25	89	DSI		P1	06H	0.00			07H	TEH
2	89	0.80	92	DSI		P1	02H	0.08			07H	TEH
3	9	0.71	29	DSI		P1	03H	-0.08			07H	TEH
3	11	0.65	62	DSI		P1	02H	0.00			07H	TEH
3	12	0.47	50	DSI		P1	02H	0.03			07H	TEH
3	12	0.49	45	DSI		P1	03H	-0.11			07H	TEH
3	13	0.47	57	DSI		P1	01H	0.06			07H	TEH
3	14	0.64	28	DSI		P1	01H	0.00			07H	TEH
3	14	0.90	74	DSI		P1	02H	0.00			07H	TEH
3	16	1.04	40	DSI		P1	01H	-0.06			07H	TEH
3	16	0.79	49	DSI		P1	02H	-0.25			07H	TEH
3	16	0.17	126	SAI		3	01H	-0.01			01H	01H
3	17	0.63	44	DSI		P1	01H	0.06			07H	TEH
3	17	0.15	130	SAI		3	01H	0.07			01H	01H
3	22	0.33	44	DSI		P1	02H	0.00			07H	TEH
3	23	0.78	73	DSI		P1	01H	-0.25			07H	TEH
3	23	0.58	96	DSI		P1	02H	-0.14			07H	TEH
3	26	0.74	67	DSI		P1	01H	-0.08			07H	TEH
3	26	0.24	92	DSI		P1	02H	0.00			07H	TEH
3	29	0.20	67	DSI		P1	03H	0.03			07H	TEH
3	32	0.53	76	DSI		P1	01H	-0.15			07H	TEH
3	33	0.19	94	DSI		P1	01H	0.03			07H	TEH

BEAVER VALLEY UNIT #1
1R13 S/G EXAMINATION RESULTS

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RC-E-1C
(TUBES WITH INDICATIONS)

Row	Col	Volts	Phase	Ind	PCT	Chan	Loc	Inch1	Inch2	Degrees	From	To
3	36	1.26	67	DSI		P1	01H	-0.03			07H	TEH
3	36	0.32	44	DSI		P1	02H	-0.08			07H	TEH
3	36	0.16	104	MAI		3	01H	0.08			01H	01H
3	37	0.55	45	DSI		P1	01H	0.03			07H	TEH
3	39	0.81	38	DSI		P1	01H	0.03			07H	TEH
3	47	1.37	58	DSI		P1	01H	0.06			07H	TEH
3	47	0.79	96	MAI		3	01H	0.28	-0.26		01H	01H
3	48	0.64	67	DSI		P1	01H	0.00			07H	TEH
3	50	0.86	93	DSI		P1	01H	-0.18			07H	TEH
3	50	0.53	85	DSI		P1	02H	-0.03			07H	TEH
3	50	0.17	98	DSI		P1	03H	-0.03			07H	TEH
3	51	0.59	66	DSI		P1	01H	-0.06			07H	TEH
3	52	0.70	64	DSI		P1	01H	-0.06			07H	TEH
3	53	0.82	67	DSI		P1	02H	0.03			07H	TEH
3	58	0.80	69	DSI		P1	01H	-0.03			07H	TEH
3	58	0.65	49	DSI		P1	02H	-0.03			07H	TEH
3	62	0.80	71	DSI		P1	01H	-0.03			07H	TEH
3	73	0.74	107	DSI		P1	01H	0.15			07H	TEH
3	73	1.23	76	DSI		P1	02H	-0.03			07H	TEH
3	73	0.29	104	DSI		P1	05H	-0.09			07H	TEH
3	73	0.32	112	MAI		3	02H	0.06			02H	02H
3	81	0.37	74	DSI		P1	02H	-0.03			07H	TEH
3	93	0.65	143	PCT	0	P1	01C	-0.16			07C	TEC
3	94	0.95	126	PCT	14	P1	01C	-0.14			07C	TEC
4	3	0.72	61	DSI		P1	01H	0.03			07H	TEH
4	3	0.69	68	DSI		P1	02H	0.00			07H	TEH
4	3	1.07	81	DSI		P1	03H	-0.06			07H	TEH
4	4	0.59	30	DSI		P1	01H	-0.06			07H	TEH
4	7	0.52	56	DSI		P1	02H	-0.06			07H	TEH
4	8	0.72	55	DSI		P1	01H	0.12			07H	TEH
4	10	0.40	23	DSI		P1	01H	-0.03			07H	TEH
4	11	0.87	25	DSI		P1	01H	0.03			07H	TEH
4	11	0.22	130	SAI		3	01H	-0.01			01H	01H
4	31	0.40	66	DSI		P1	01H	0.06			07H	TEH
4	32	0.52	100	DSI		P1	01H	0.17			07H	TEH
4	32	0.54	23	DSI		P1	02H	0.00			07H	TEH
4	32	0.59	21	DSI		P1	03H	-0.06			07H	TEH
4	32	0.26	144	DSI		P1	04H	0.00			07H	TEH
4	33	0.98	25	DSI		P1	01H	0.00			07H	TEH
4	35	0.54	48	DSI		P1	01H	-0.06			07H	TEH
4	37	1.17	21	DSI		P1	01H	-0.03			07H	TEH
4	37	0.15	110	SAI		3	01H	0.04			01H	01H
4	40	0.65	120	DSI		P1	01H	-0.17			07H	TEH
4	40	0.34	69	DSI		P1	02H	0.00			07H	TEH
4	41	0.35	112	DSI		P1	01H	0.08			07H	TEH
4	43	0.75	63	DSI		P1	01H	0.00			07H	TEH
4	44	1.11	83	DSI		P1	01H	0.00			07H	TEH
4	44	0.35	49	DSI		P1	02H	0.00			07H	TEH
4	45	0.86	35	DSI		P1	01H	-0.20			07H	TEH

BEAVER VALLEY UNIT #1
1R13 S/G EXAMINATION RESULTS

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RC-E-1C
(TUBES WITH INDICATIONS)

Row	Col	Volts	Phase	Ind	PCT	Chan	Loc	Inch1	Inch2	Degrees	From	To
4	45	0.22	120	SAI		3	01H	0.13	-0.31		01H	01H
4	48	0.60	34	DSI		P1	01H	0.00			07H	TEH
4	50	0.73	85	DSI		P1	02H	0.20			07H	TEH
4	59	0.59	119	DSI		P1	01H	-0.08			07H	TEH
4	60	0.21	12	DSI		P1	02H	0.03			07H	TEH
4	60	0.24	77	DSI		P1	03H	0.03			07H	TEH
4	60	0.15	128	SAI		3	02H	-0.16			02H	02H
4	61	0.60	82	DSI		P1	01H	0.11			07H	TEH
4	65	0.34	97	DSI		P1	04H	0.06			07H	TEH
4	65	0.35	37	DSI		P1	05H	0.06			07H	TEH
4	73	0.23	65	DSI		P1	01H	0.00			07H	TEH
4	94	0.35	68	DSI		P1	03H	-0.06			07H	TEH
5	4	0.36	56	DSI		P1	01H	0.06			TEH	TEC
5	25	1.13	62	DSI		P1	01H	-0.03			TEH	TEC
5	25	0.81	47	DSI		P1	02H	0.03			TEH	TEC
5	25	0.28	128	MAI		3	01H	0.05			01H	01H
5	26	0.72	56	DSI		P1	01H	0.08			TEH	TEC
5	28	0.94	83	DSI		P1	01H	0.08			TEH	TEC
5	28	0.68	88	DSI		P1	02H	0.00			TEH	TEC
5	29	0.69	50	DSI		P1	02H	0.05			TEH	TEC
5	48	0.59	106	DSI		P1	01H	0.05			TEH	TEC
5	48	0.53	63	DSI		P1	02H	0.03			TEH	TEC
5	49	0.50	85	DSI		P1	01H	-0.03			TEH	TEC
5	49	0.45	70	DSI		P1	02H	0.13			TEH	TEC
5	50	0.51	107	DSI		P1	01H	0.11			TEH	TEC
5	51	0.67	114	DSI		P1	01H	0.11			TEH	TEC
5	52	0.61	84	DSI		P1	01H	0.05			TEH	TEC
5	54	0.65	102	DSI		P1	01H	0.08			TEH	TEC
5	55	0.62	67	DSI		P1	01H	0.16			TEH	TEC
5	55	0.23	112	SAI		3	01H	0.19	-0.16		01H	01H
5	57	0.56	49	DSI		P1	01H	0.08			TEH	TEC
5	58	0.46	88	DSI		P1	01H	0.14			TEH	TEC
5	60	1.60	79	DSI		P1	01H	0.00			TEH	TEC
5	60	0.54	98	MAI		3	01H	0.01			01H	01H
5	61	0.32	78	DSI		P1	01H	0.09			TEH	TEC
5	61	0.56	96	DSI		P1	02H	0.03			TEH	TEC
5	61	0.29	134	DSI		P1	03H	0.09			TEH	TEC
5	63	0.44	131	DSI		P1	02C	0.06			TEH	TEC
5	64	0.45	131	DSI		P1	04H	0.09			TEH	TEC
5	67	0.27	96	DSI		P1	01H	-0.03			TEH	TEC
5	67	0.14	99	SAI		3	01H	0.02			01H	01H
5	73	0.72	100	DSI		P1	01H	0.08			TEH	TEC
6	8	0.34	52	DSI		P1	02H	-0.15			07H	TEH
6	31	0.87	91	DSI		P1	01H	0.06			07H	TEH
6	31	0.56	110	DSI		P1	02H	-0.06			07H	TEH
6	33	0.93	75	DSI		P1	01H	0.03			07H	TEH
6	33	0.62	121	DSI		P1	02H	-0.15			07H	TEH
6	33	0.64	88	DSI		P1	03H	-0.06			07H	TEH
6	36	0.84	37	DSI		P1	01H	0.03			07H	TEH

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RC-E-1C
(TUBES WITH INDICATIONS)

Row	Col	Volts	Phase	Ind	PCT	Chan	Loc	Inch1	Inch2	Degrees	From	To
6	36	0.17	135	DSI		P1	05H	0.00			07H	TEH
6	38	0.70	83	DSI		P1	01H	0.12			07H	TEH
6	38	0.40	91	DSI		P1	02H	-0.03			07H	TEH
6	41	0.78	97	DSI		P1	01H	0.00			07H	TEH
6	41	0.32	119	DSI		P1	02H	-0.03			07H	TEH
6	43	0.79	83	DSI		P1	01H	0.00			07H	TEH
6	64	0.43	116	DSI		P1	01H	0.06			TEH	TEC
6	71	0.14	104	DSI		P1	04H	0.03			TEH	TEC
6	78	0.30	141	DSI		P1	01H	0.12			TEH	TEC
6	79	0.87	94	DSI		P1	01H	0.06			TEH	TEC
6	81	0.85	105	DSI		P1	01H	0.14			TEH	TEC
6	81	0.60	62	DSI		P1	02H	-0.03			TEH	TEC
6	81	1.13	40	DSI		P1	03H	0.08			TEH	TEC
6	81	1.19	74	DSI		P1	04H	0.03			TEH	TEC
6	81	0.23	131	SAI		3	03H	0.04			03H	03H
6	81	0.18	114	SAI		3	04H	-0.06			04H	04H
6	82	0.57	88	DSI		P1	01H	0.03			TEH	TEC
6	92	0.82	112	PCT	31	P1	01C	-0.25			07C	TEC
6	94	1.24	134	PCT	1	P1	01C	-0.09			07C	TEC
6	94	1.19	133	PCT	1	P1	01C	-0.08			TEH	TEC
6	94	0.32	107	VOL		3	01C	0.03			01C	01C
7	4	0.43	50	DSI		P1	01H	0.06			TEH	TEC
7	4	1.37	85	DSI		P1	02H	-0.03			TEH	TEC
7	5	0.75	93	DSI		P1	01H	-0.08			TEH	TEC
7	6	0.31	141	DSI		P1	05H	0.11			TEH	TEC
7	11	1.33	89	DSI		P1	01H	0.00			TEH	TEC
7	11	0.44	106	MAI		3	01H	-0.02			01H	01H
7	18	0.33	101	DSI		P1	02H	-0.06			TEH	TEC
7	19	0.65	91	DSI		P1	01H	0.00			TEH	TEC
7	19	0.32	46	DSI		P1	02H	0.11			TEH	TEC
7	30	0.76	38	DSI		P1	01H	0.00			07H	TEH
7	41	1.05	85	DSI		P1	01H	0.08			TEH	TEC
7	41	0.38	94	DSI		P1	03H	0.08			TEH	TEC
7	46	0.68	65	DSI		P1	01H	0.00			TEH	TEC
7	46	1.23	88	DSI		P1	02H	0.16			TEH	TEC
7	46	0.69	100	DSI		P1	03H	-0.03			TEH	TEC
7	46	0.25	103	MAI		3	02H	0.21	-0.13		02H	02H
7	61	0.15	72	DSI		P1	03H	0.00			07H	TEH
7	65	0.38	45	DSI		P1	01H	0.09			TEH	TEC
7	66	0.77	60	DSI		P1	01H	-0.12			07H	TEH
7	66	0.40	38	DSI		P1	02H	0.00			07H	TEH
7	67	0.31	84	DSI		P1	04C	0.03			07C	TEC
7	68	1.02	47	DSI		P1	01H	0.00			07H	TEH
7	69	0.40	34	DSI		P1	02H	0.00			07H	TEH
7	71	0.92	28	DSI		P1	01H	-0.09			07H	TEH
7	71	0.08	98	SAI		3	01H	0.04			01H	01H
7	90	1.23	92	DSI		P1	02H	0.03			TEH	TEC
7	90	0.23	114	MAI		3	02H	0.06			02H	02H
7	91	0.66	73	DSI		P1	01H	0.03			TEH	TEC

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Row	Col	Volts	Phase	Ind	PCT	Chan	Loc	Inch1	Inch2	Degrees	From	To
7	92	0.66	97	DSI		P1	02H	0.14			TEH	TEC
7	92	0.87	74	DSI		P1	03H	0.09			TEH	TEC
7	93	0.42	72	DSI		P1	01H	0.06			TEH	TEC
7	94	0.38	62	DSI		P1	02H	0.11			TEH	TEC
7	94	0.62	88	DSI		P1	03H	0.12			TEH	TEC
7	94	0.12	112	SAI		3	02H	0.04			02H	02H
8	11	0.75	19	DSI		P1	01H	0.00			07H	TEH
8	13	0.48	37	DSI		P1	01H	0.17			TEH	TEC
8	16	0.20	61	DSI		P1	03H	0.03			07H	TEH
8	38	0.74	114	DSI		P1	01H	0.00			07H	TEH
8	74	0.24	159	DSI		P1	01H	0.00			TEH	TEC
8	77	0.55	105	DSI		P1	02H	0.00			TEH	TEC
8	81	0.92	43	DSI		P1	01H	0.00			TEH	TEC
8	81	0.29	117	SAI		3	01H	0.16			01H	01H
9	4	0.37	48	DSI		P1	02H	0.00			TEH	TEC
9	8	1.43	61	DSI		P1	01H	0.06			TEH	TEC
9	8	0.16	101	MAI		3	01H	-0.08			01H	01H
9	10	1.31	57	DSI		P1	01H	0.08			TEH	TEC
9	10	1.31	49	DSI		P1	02H	-0.17			TEH	TEC
9	10	1.30	45	DSI		P1	03H	-0.14			TEH	TEC
9	10	0.16	90	MAI		3	01H	0.02			01H	01H
9	10	0.18	86	MAI		3	02H	0.03			02H	02H
9	10	0.15	127	SAI		3	03H	-0.07			03H	03H
9	14	0.83	47	DSI		P1	01H	0.00			TEH	TEC
9	15	0.28	63	DSI		P1	01H	0.03			TEH	TEC
9	19	0.65	10	SAI		3	TSH	-0.18	-0.28		TSH	TSH
9	76	0.41	128	DSI		P1	06H	-0.09			TEH	TEC
9	79	0.32	51	DSI		P1	03H	0.06			TEH	TEC
9	85	0.77	32	DSI		P1	03H	-0.05			TEH	TEC
9	86	0.21	95	DSI		P1	02H	0.11			TEH	TEC
9	93	2.32	119	PCT	23	P1	01C	-0.06			TEH	TEC
10	2	0.59	131	PCT	4	P1	03C	0.20			TEH	TEC
10	2	0.24	120	VOL		3	03C	0.25			03C	03C
10	3	0.38	58	DSI		P1	01H	0.03			TEH	TEC
10	9	0.45	26	DSI		P1	01H	0.00			TEH	TEC
10	48	1.49	88	DSI		P1	01H	0.13			TEH	TEC
10	48	0.32	96	DSI		P1	02H	-0.11			TEH	TEC
10	48	0.41	103	MAI		3	01H	0.21	-0.14		01H	01H
10	49	0.64	107	DSI		P1	01H	0.08			TEH	TEC
10	54	0.79	106	DSI		P1	01H	0.16			TEH	TEC
10	55	0.61	95	DSI		P1	01H	0.19			TEH	TEC
10	56	0.80	63	DSI		P1	01H	0.13			TEH	TEC
10	58	1.29	71	DSI		P1	01H	0.09			TEH	TEC
10	58	0.21	86	SAI		3	01H	0.16			01H	01H
10	62	0.55	77	DSI		P1	01H	0.15			TEH	TEC
10	62	0.81	45	DSI		P1	02H	0.06			TEH	TEC
10	62	0.39	54	DSI		P1	03H	0.03			TEH	TEC
10	65	1.26	94	DSI		P1	01H	0.06			TEH	TEC
10	65	0.35	127	DSI		P1	02H	-0.03			TEH	TEC

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RC-E-1C
(TUBES WITH INDICATIONS)

Row	Col	Volts	Phase	Ind	PCT	Chan	Loc	Inch1	Inch2	Degrees	From	To
10	65	0.63	105	SAI		3	01H	0.01			01H	01H
10	66	1.37	70	DSI		P1	01H	0.12			TEH	TEC
10	66	0.27	109	MAI		3	01H	0.01			01H	01H
10	67	0.57	105	DSI		P1	01H	-0.06			TEH	TEC
10	68	1.68	104	DSI		P1	01H	-0.06			TEH	TEC
10	68	0.52	121	SAI		3	01H	0.00			01H	01H
10	69	0.95	78	DSI		P1	01H	0.06			TEH	TEC
10	69	0.82	61	DSI		P1	02H	0.06			TEH	TEC
10	70	0.53	52	DSI		P1	02H	0.12			TEH	TEC
10	71	0.53	56	DSI		P1	01H	0.03			TEH	TEC
11	31	0.20	123	SAI		3	TSH	1.54	1.01		TSH	TSH
12	14	2.38	12	SAI		3	TSH	-8.51			TSH	TSH
12	14	2.24	15	SAI		3	TSH	-7.47	-11.36		TSH	TSH
12	50	0.67	47	DSI		P1	01H	0.16			TEH	TEC
12	93	1.37	120	PCT	18	P1	01C	-0.08			TEH	TEC
12	93	0.30	98	VOL		3	01C	-0.06			01C	01C
13	47	0.45	89	DSI		P1	01H	0.11			TEH	TEC
13	92	0.64	115	PCT	28	P1	01C	0.03			TEH	TEC
13	92	0.37	123	VOL		3	01C	0.03			01C	01C
14	12	0.29	117	DSI		P1	01H	0.11			TEH	TEC
14	69	0.28	131	DSI		P1	03H	0.06			TEH	TEC
14	92	0.94	129	DSI		P1	01H	0.03			TEH	TEC
15	4	0.63	130	PCT	8	P1	02C	0.12			TEH	TEC
15	8	0.92	70	DSI		P1	01H	0.11			TEH	TEC
15	8	0.71	37	DSI		P1	02H	0.00			TEH	TEC
15	16	0.24	74	DSI		P1	01H	0.00			TEH	TEC
15	52	0.91	72	DSI		P1	01H	0.00			TEH	TEC
15	52	0.63	67	DSI		P1	02H	0.14			TEH	TEC
15	52	0.26	86	DSI		P1	03H	0.19			TEH	TEC
15	53	1.06	82	DSI		P1	01H	0.03			TEH	TEC
15	53	0.48	88	DSI		P1	02H	0.14			TEH	TEC
15	53	1.15	56	DSI		P1	03H	-0.03			TEH	TEC
15	56	0.53	118	DSI		P1	01H	0.16			TEH	TEC
15	56	0.93	83	DSI		P1	02H	0.00			TEH	TEC
15	58	0.60	65	DSI		P1	01H	0.09			TEH	TEC
15	58	0.20	98	DSI		P1	03H	0.06			TEH	TEC
15	61	1.93	74	DSI		P1	01H	0.09			TEH	TEC
15	61	1.55	85	DSI		P1	02H	0.27			TEH	TEC
15	61	0.51	68	DSI		P1	03H	0.03			TEH	TEC
15	61	0.25	15	DSI		P1	04H	0.09			TEH	TEC
15	61	0.35	121	MAI		3	01H	0.00			01H	01H
15	61	0.12	109	SAI		3	02H	-0.22			02H	02H
15	61	0.13	87	SAI		3	04H	-0.03			04H	04H
15	62	1.86	79	DSI		P1	01H	0.03			TEH	TEC
15	62	1.13	86	DSI		P1	02H	-0.09			TEH	TEC
15	62	0.72	63	DSI		P1	03H	-0.03			TEH	TEC
15	62	0.43	99	MAI		3	01H	0.00			01H	01H
15	62	0.14	118	SAI		3	02H	0.07			02H	02H
15	63	1.08	80	DSI		P1	01H	0.09			TEH	TEC

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RC-E-1C
(TUBES WITH INDICATIONS)

Row	Col	Volts	Phase	Ind	PCT	Chan	Loc	Inch1	Inch2	Degrees	From	To
15	63	0.64	77	DSI		P1	02H	-0.15			TEH	TEC
15	63	0.55	92	DSI		P1	03H	0.09			TEH	TEC
15	63	0.18	147	SAI		3	02H	-0.06			02H	02H
15	91	1.90	113	PCT	29	P1	01C	-0.06			TEH	TEC
16	4	0.94	120	PCT	25	P1	02C	0.09			TEH	TEC
16	51	0.60	48	DSI		P1	01H	0.09			TEH	TEC
16	90	2.04	123	PCT	17	P1	01C	-0.09			TEH	TEC
17	10	0.72	104	DSI		P1	01H	0.00			TEH	TEC
17	10	0.43	73	DSI		P1	03H	-0.06			TEH	TEC
17	16	0.78	55	DSI		P1	01H	-0.03			TEH	TEC
17	17	0.59	44	DSI		P1	01H	0.00			TEH	TEC
17	17	0.48	72	DSI		P1	02H	-0.08			TEH	TEC
17	17	0.79	31	DSI		P1	03H	0.03			TEH	TEC
17	18	0.71	41	DSI		P1	01H	0.09			TEH	TEC
17	20	0.21	94	DSI		P1	05H	-0.09			TEH	TEC
17	30	0.15	95	SAI		3	TSH	0.72	0.41		TSH	TSH
17	30	0.08	108	SAI		3	TSH	1.23	0.90		TSH	TSH
17	31	0.13	84	SAI		3	TSH	2.01	1.77		TSH	TSH
17	80	0.41	87	DSI		P1	01H	0.00			TEH	TEC
17	81	0.33	119	DSI		P1	02H	0.06			TEH	TEC
17	82	0.19	55	DSI		P1	02H	0.03			TEH	TEC
17	84	0.57	36	DSI		P1	02H	0.00			TEH	TEC
17	84	0.31	30	DSI		P1	05H	0.15			TEH	TEC
17	85	0.51	100	DSI		P1	02H	-0.11			TEH	TEC
17	89	1.33	122	PCT	15	P1	01C	-0.22			TEH	TEC
17	89	0.27	111	VOL		3	01C	-0.22			01C	01C
18	19	0.76	60	DSI		P1	01H	0.08			TEH	TEC
18	19	0.96	92	DSI		P1	02H	-0.17			TEH	TEC
18	19	0.57	109	DSI		P1	03H	-0.11			TEH	TEC
18	21	0.33	74	DSI		P1	01H	0.06			TEH	TEC
18	22	1.07	88	DSI		P1	01H	0.00			TEH	TEC
18	22	0.31	128	DSI		P1	04C	-0.06			TEH	TEC
18	43	0.44	86	DSI		P1	01H	0.09			TEH	TEC
18	73	0.64	64	DSI		P1	02H	0.00			TEH	TEC
18	73	0.29	102	DSI		P1	06H	0.13			TEH	TEC
19	6	0.70	70	DSI		P1	01H	0.00			TEH	TEC
19	87	0.36	106	PCT	43	P1	01C	-0.25			TEH	TEC
19	87	0.22	106	VOL		3	01C	-0.22			01C	01C
19	90	1.07	133	PCT	0	P1	01C	-0.23			TEH	TEC
20	34	0.64	75	DSI		P1	01H	0.05			TEH	TEC
20	34	0.97	54	DSI		P1	02H	0.06			TEH	TEC
20	34	0.68	83	MAI		3	TSH	0.54	0.25		TSH	TSH
20	44	0.85	118	DSI		P1	01H	-0.08			TEH	TEC
20	72	0.37	76	DSI		P1	01H	0.09			TEH	TEC
20	72	0.69	52	DSI		P1	02H	0.09			TEH	TEC
20	73	0.67	123	DSI		P1	01H	0.06			TEH	TEC
20	73	0.32	112	DSI		P1	06H	0.06			TEH	TEC
20	75	1.02	78	DSI		P1	01H	0.06			TSH	TEC
20	75	0.95	74	DSI		P1	01H	0.03			TEH	TEC

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Row	Col	Volts	Phase	Ind	PCT	Chan	Loc	Inch1	Inch2	Degrees	From	To
20	75	1.00	79	DSI		P1	01H	0.08			TEH	TEC
21	22	1.55	96	DSI		P1	01H	0.03			TEH	TEC
21	22	1.18	88	DSI		P1	02H	0.11			TEH	TEC
21	22	0.61	106	MAI		3	01H	0.01			01H	01H
21	22	0.30	108	SAI		3	02H	-0.01			02H	02H
21	42	0.39	65	DSI		P1	01H	0.11			TEH	TEC
21	81	1.74	22	SAI		3	TSH	-4.78	-5.22		TSH	TSH
21	88	0.61	131	PCT	2	P1	01C	-0.17			TEH	TEC
22	9	0.46	137	DSI		P1	01H	-0.03			TEH	TEC
22	88	0.42	131	PCT	0	P1	01C	-0.19			TEH	TEC
23	9	0.52	88	DSI		P1	01H	0.11			TEH	TEC
23	9	0.77	105	DSI		P1	02H	0.14			TEH	TEC
23	12	1.65	86	DSI		P1	01H	-0.11			TEH	TEC
23	12	0.45	102	MAI		3	01H	0.07			01H	01H
23	15	1.45	87	DSI		P1	01H	0.11			TEH	TEC
23	15	1.08	93	DSI		P1	02H	0.03			TEH	TEC
23	15	0.39	113	DSI		P1	03H	0.08			TEH	TEC
23	15	0.56	108	MAI		3	01H	0.13			01H	01H
23	25	0.65	63	DSI		P1	01H	0.06			TEH	TEC
23	25	0.35	44	DSI		P1	02H	0.06			TEH	TEC
23	26	0.22	86	DSI		P1	01H	-0.03			TEH	TEC
23	26	0.16	101	DSI		P1	02H	0.16			TEH	TEC
23	27	0.72	95	DSI		P1	01H	0.06			TEH	TEC
23	27	0.34	126	DSI		P1	03H	0.03			TEH	TEC
23	31	0.56	66	DSI		P1	01H	0.06			TEH	TEC
23	32	0.74	85	DSI		P1	01H	0.08			TEH	TEC
23	36	0.70	48	DSI		P1	01H	0.11			TEH	TEC
23	36	0.27	132	DSI		P1	02H	0.17			TEH	TEC
23	38	0.29	99	DSI		P1	01H	0.00			TEH	TEC
23	38	0.35	68	DSI		P1	02H	-0.03			TEH	TEC
23	39	0.37	42	DSI		P1	02H	0.00			TEH	TEC
23	42	0.43	94	DSI		P1	01H	0.14			TEH	TEC
23	42	0.44	47	DSI		P1	02H	0.03			TEH	TEC
23	44	2.02	93	DSI		P1	01H	0.22			TEH	TEC
23	44	0.59	110	MAI		3	01H	0.00			01H	01H
23	50	1.19	95	DSI		P1	01H	0.03			TEH	TEC
23	50	1.11	118	DSI		P1	02H	-0.11			TEH	TEC
23	50	0.53	106	MAI		3	01H	0.01			01H	01H
23	61	0.33	77	DSI		P1	02H	0.03			TEH	TEC
23	62	0.35	71	DSI		P1	01H	0.06			TEH	TEC
23	65	0.25	101	DSI		P1	01H	-0.03			TEH	TEC
23	65	1.02	100	DSI		P1	02H	0.03			TEH	TEC
23	70	0.79	65	DSI		P1	01H	0.06			TEH	TEC
23	71	0.88	103	DSI		P1	01H	0.09			TEH	TEC
23	71	0.55	70	DSI		P1	02H	0.00			TEH	TEC
23	73	0.52	92	DSI		P1	01H	0.09			TEH	TEC
23	73	0.35	75	DSI		P1	02H	0.06			TEH	TEC
23	74	0.41	53	DSI		P1	01H	0.09			TEH	TEC
23	77	0.53	82	DSI		P1	01H	0.09			TEH	TEC

BEAVER VALLEY UNIT #1
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RC-E-1C
(TUBES WITH INDICATIONS)

Row	Col	Volts	Phase	Ind	PCT	Chan	Loc	Inch1	Inch2	Degrees	From	To
23	86	0.74	133	PCT	0	P1	01C	0.09			TEH	TEC
23	87	0.55	99	DSI		P1	01H	0.25			TEH	TEC
24	8	0.43	91	DSI		P1	01H	0.11			TEH	TEC
24	10	1.45	100	DSI		P1	01H	0.00			TEH	TEC
24	10	0.21	107	DSI		P1	03H	0.00			TEH	TEC
24	10	0.48	106	MAI		3	01H	0.05			01H	01H
24	13	1.14	72	DSI		P1	01H	-0.05			TEH	TEC
24	13	0.25	115	MAI		3	01H	-0.03			01H	01H
24	21	0.62	103	DSI		P1	01H	0.06			TEH	TEC
24	21	0.47	65	DSI		P1	02H	0.06			TEH	TEC
24	22	0.73	51	DSI		P1	02H	0.00			TEH	TEC
24	25	1.65	0	PCT	23	P2	AV3	0.00			TEH	TEC
24	25	0.27	165	WAR		2	AV3	0.06			AV3	AV3
24	27	2.45	80	PCT	29	P2	AV2	0.00			TEH	TEC
24	27	0.80	65	PCT	14	P2	AV3	0.00			TEH	TEC
24	27	0.65	134	WAR		2	AV2	0.00			AV2	AV2
24	27	0.38	127	WAR		2	AV3	0.00			AV3	AV3
24	31	0.57	102	DSI		P1	01H	0.00			TEH	TEC
24	34	0.76	67	DSI		P1	01H	0.05			TEH	TEC
24	34	0.19	62	SAI		3	TSH	0.13	0.02		TSH	TSH
24	35	0.20	39	DSI		P1	01H	0.09			TEH	TEC
24	37	0.47	78	DSI		P1	02H	0.06			TEH	TEC
24	40	0.39	36	DSI		P1	01H	0.06			TEH	TEC
24	42	0.40	51	DSI		P1	01H	0.08			TEH	TEC
24	43	0.80	101	DSI		P1	01H	0.03			TEH	TEC
24	43	0.77	89	DSI		P1	03H	0.03			TEH	TEC
24	45	0.20	62	DSI		P1	01H	0.06			TEH	TEC
24	47	0.62	47	DSI		P1	01H	0.06			TEH	TEC
24	61	0.77	15	SAI		3	TSH	-0.64	-0.76		TSH	TSH
24	62	0.78	97	DSI		P1	01H	0.00			TEH	TEC
24	65	0.73	111	DSI		P1	01H	0.03			TEH	TEC
24	65	0.40	69	DSI		P1	02H	0.03			TEH	TEC
24	69	0.55	114	DSI		P1	01H	0.03			TEH	TEC
24	69	0.58	104	DSI		P1	02H	0.06			TEH	TEC
24	72	1.86	97	DSI		P1	01H	0.12			TEH	TEC
24	72	0.68	73	DSI		P1	02H	0.03			TEH	TEC
24	72	0.31	110	MAI		3	01H	-0.01			01H	01H
24	79	0.56	80	DSI		P1	01H	0.06			TEH	TEC
24	86	1.21	131	PCT	2	P1	01C	-0.17			TEH	TEC
25	9	1.15	0	PCT	19	P2	AV2	-0.14			TEH	TEC
25	9	0.28	172	WAR		2	AV2	0.00			AV2	AV2
25	10	0.64	107	DSI		P1	01H	0.06			TEH	TEC
25	12	1.49	102	DSI		P1	01H	0.00			TEH	TEC
25	12	0.97	109	DSI		P1	02H	0.00			TEH	TEC
25	12	0.19	69	DSI		P1	05H	0.03			TEH	TEC
25	12	0.54	113	MAI		3	01H	0.15			01H	01H
25	13	0.19	71	DSI		P1	01H	0.08			TEH	TEC
25	14	0.38	76	DSI		P1	02H	0.09			TEH	TEC
25	17	0.43	63	DSI		P1	01H	0.00			TEH	TEC

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(TUBES WITH INDICATIONS)

Row	Col	Volts	Phase	Ind	PCT	Chan	Loc	Inch1	Inch2	Degrees	From	To
25	17	0.54	30	DSI		P1	02H	0.00			TEH	TEC
25	18	0.45	63	DSI		P1	01H	0.03			TEH	TEC
25	22	1.05	106	DSI		P1	01H	0.00			TEH	TEC
25	25	0.88	96	DSI		P1	01H	0.08			TEH	TEC
25	30	0.48	69	DSI		P1	01H	0.03			TEH	TEC
25	32	0.98	99	DSI		P1	01H	0.00			TEH	TEC
25	34	1.70	98	DSI		P1	01H	0.05			TEH	TEC
25	34	0.67	89	DSI		P1	02H	0.14			TEH	TEC
25	34	0.44	104	DSI		P1	03H	-0.03			TEH	TEC
25	34	0.51	111	MAI		3	01H	0.10			01H	01H
25	38	0.94	63	DSI		P1	01H	0.00			TEH	TEC
25	41	0.35	87	DSI		P1	01H	0.03			TEH	TEC
25	45	0.63	53	DSI		P1	01H	0.09			TEH	TEC
25	45	0.20	123	DSI		P1	02H	-0.03			TEH	TEC
25	46	0.91	59	DSI		P1	03H	0.00			TEH	TEC
25	47	0.58	101	DSI		P1	02H	-0.11			TEH	TEC
25	51	0.60	56	DSI		P1	01H	0.06			TEH	TEC
25	60	0.49	58	DSI		P1	01H	0.09			TEH	TEC
25	64	0.85	43	DSI		P1	02H	0.00			TEH	TEC
25	64	0.44	141	DSI		P1	03H	0.00			TEH	TEC
25	64	0.21	98	SAI		3	02H	0.06			02H	02H
25	68	0.37	57	DSI		P1	01H	0.00			TEH	TEC
25	68	0.41	67	DSI		P1	02H	0.09			TEH	TEC
25	68	0.16	81	DSI		P1	03H	0.09			TEH	TEC
25	69	0.84	100	DSI		P1	01H	0.09			TEH	TEC
25	69	0.57	118	DSI		P1	02H	-0.03			TEH	TEC
25	86	1.77	118	PCT	25	P1	01C	-0.14			TEH	TEC
26	9	0.34	69	DSI		P1	01H	0.08			TEH	TEC
26	9	0.22	82	DSI		P1	02H	0.11			TEH	TEC
26	11	0.39	72	DSI		P1	01H	0.08			TEH	TEC
26	14	0.56	82	DSI		P1	01H	0.00			TEH	TEC
26	19	1.27	101	DSI		P1	01H	0.00			TEH	TEC
26	19	0.41	57	DSI		P1	02H	0.03			TEH	TEC
26	19	0.29	109	MAI		3	01H	-0.05			01H	01H
26	20	1.82	96	DSI		P1	01H	0.06			TEH	TEC
26	20	0.61	81	DSI		P1	02H	0.03			TEH	TEC
26	20	0.73	109	MAI		3	01H	-0.07			01H	01H
26	22	0.66	74	DSI		P1	02H	0.03			TEH	TEC
26	23	1.30	88	DSI		P1	01H	0.09			TEH	TEC
26	23	0.55	88	MAI		3	01H	-0.03			01H	01H
26	25	1.56	100	DSI		P1	01H	0.00			TEH	TEC
26	25	0.78	65	DSI		P1	02H	-0.06			TEH	TEC
26	25	0.41	106	MAI		3	01H	0.04			01H	01H
26	26	1.87	100	DSI		P1	01H	0.11			TEH	TEC
26	26	0.45	74	DSI		P1	02H	-0.03			TEH	TEC
26	26	0.58	71	DSI		P1	03H	0.06			TEH	TEC
26	26	0.40	112	MAI		3	01H	0.03			01H	01H
26	28	1.36	112	DSI		P1	01H	-0.03			TEH	TEC
26	28	0.32	119	DSI		P1	03H	0.00			TEH	TEC

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(TUBES WITH INDICATIONS)

Row	Col	Volts	Phase	Ind	PCT	Chan	Loc	Inch1	Inch2	Degrees	From	To
26	28	0.52	110	MAI		3	01H	-0.12			01H	01H
26	29	0.83	80	DSI		P1	01H	0.00			TEH	TEC
26	31	0.65	128	DSI		P1	01H	-0.03			TEH	TEC
26	31	0.42	154	DSI		P1	02H	0.11			TEH	TEC
26	32	0.86	65	DSI		P1	01H	0.08			TEH	TEC
26	32	0.12	141	DSI		P1	02H	0.05			TEH	TEC
26	32	0.35	99	SAI		3	02H	-0.03			02H	02H
26	33	0.53	119	DSI		P1	01H	0.00			TEH	TEC
26	33	1.02	80	DSI		P1	02H	-0.03			TEH	TEC
26	33	0.38	93	DSI		P1	03H	0.00			TEH	TEC
26	33	0.47	106	DSI		P1	04H	0.00			TEH	TEC
26	34	1.41	109	DSI		P1	01H	0.00			TEH	TEC
26	34	0.39	75	DSI		P1	02H	0.03			TEH	TEC
26	34	0.65	62	DSI		P1	03H	0.09			TEH	TEC
26	34	0.39	128	DSI		P1	04H	-0.06			TEH	TEC
26	34	0.44	115	MAI		3	01H	-0.11			01H	01H
26	35	0.43	75	DSI		P1	01H	0.00			TEH	TEC
26	35	0.96	50	DSI		P1	02H	0.03			TEH	TEC
26	35	0.26	37	DSI		P1	03H	0.03			TEH	TEC
26	36	0.86	56	DSI		P1	02H	0.06			TEH	TEC
26	37	0.51	58	DSI		P1	02H	0.09			TEH	TEC
26	40	0.58	85	DSI		P1	01H	0.14			TEH	TEC
26	40	0.47	44	DSI		P1	02H	0.11			TEH	TEC
26	46	0.73	58	DSI		P1	01H	0.08			TEH	TEC
26	46	0.66	73	DSI		P1	02H	0.16			TEH	TEC
26	49	1.25	89	DSI		P1	01H	0.11			TEH	TEC
26	49	0.42	108	MAI		3	01H	-0.17			01H	01H
26	51	0.73	72	DSI		P1	01H	0.06			TEH	TEC
26	59	0.36	72	DSI		P1	01H	0.06			TEH	TEC
26	60	0.91	90	DSI		P1	01H	0.08			TEH	TEC
26	60	0.25	72	DSI		P1	02H	0.03			TEH	TEC
26	67	0.91	74	DSI		P1	01H	0.09			TEH	TEC
26	67	0.45	46	DSI		P1	02H	0.06			TEH	TEC
26	70	0.22	90	DSI		P1	01H	0.03			TEH	TEC
26	70	0.35	93	DSI		P1	02H	0.03			TEH	TEC
26	72	0.26	37	DSI		P1	02H	0.03			TEH	TEC
26	73	0.41	49	DSI		P1	01H	0.06			TEH	TEC
26	74	0.51	89	DSI		P1	01H	0.05			TEH	TEC
26	84	0.83	134	PCT	0	P1	01C	-0.11			TEH	TEC
26	86	1.72	135	PCT	0	P1	01C	-0.16			TEH	TEC
27	10	0.86	31	PCT	15	P2	AV2	-0.17			TEH	TEC
27	10	0.26	127	WAR		2	AV2	0.00			AV2	AV2
27	18	1.69	92	DSI		P1	01H	0.00			TEH	TEC
27	18	0.29	116	MAI		3	01H	-0.02			01H	01H
27	19	1.25	21	DSI		P1	01H	0.06			TEH	TEC
27	19	0.44	114	MAI		3	01H	-0.08			01H	01H
27	21	0.81	67	DSI		P1	01H	0.08			TEH	TEC
27	21	0.70	53	DSI		P1	02H	-0.03			TEH	TEC
27	24	0.23	91	DSI		P1	01H	0.03			TEH	TEC

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RC-E-1C
(TUBES WITH INDICATIONS)

Row	Col	Volts	Phase	Ind	PCT	Chan	Loc	Inch1	Inch2	Degrees	From	To
27	26	1.07	0	PCT	18	P2	AV2	-0.88			TEH	TEC
27	26	2.89	0	PCT	31	P2	AV2	0.00			TEH	TEC
27	26	1.09	0	PCT	18	P2	AV3	0.00			TEH	TEC
27	26	0.99	0	PCT	17	P2	AV4	0.00			TEH	TEC
27	26	0.37	136	WAR		2	AV2	-1.03			AV2	AV2
27	26	0.75	119	WAR		2	AV2	0.86			AV2	AV2
27	26	0.35	135	WAR		2	AV3	-0.10			AV3	AV3
27	26	0.41	137	WAR		2	AV4	0.00			AV4	AV4
27	27	0.87	43	DSI		P1	01H	0.06			TEH	TEC
27	27	0.23	111	MAI		3	01H	-0.05			01H	01H
27	28	0.38	41	DSI		P1	02H	0.00			TEH	TEC
27	39	0.46	75	DSI		P1	01H	0.11			TEH	TEC
27	39	0.51	91	DSI		P1	02H	-0.06			TEH	TEC
27	42	0.49	42	DSI		P1	01H	0.05			TEH	TEC
27	44	0.85	70	DSI		P1	01H	0.14			TEH	TEC
27	45	0.93	82	DSI		P1	01H	0.03			TEH	TEC
27	45	1.19	86	DSI		P1	02H	-0.11			TEH	TEC
27	45	0.27	114	MAI		3	02H	0.05			02H	02H
27	45	0.21	109	MAI		3	02H	0.31	-0.25		02H	02H
27	47	1.70	100	DSI		P1	01H	0.11			TEH	TEC
27	47	0.36	117	MAI		3	01H	-0.07			01H	01H
27	50	0.43	26	DSI		P1	01H	0.00			TEH	TEC
27	50	0.72	67	DSI		P1	02H	0.00			TEH	TEC
27	62	0.47	61	DSI		P1	02H	0.06			TEH	TEC
27	63	0.25	52	DSI		P1	01H	0.09			TEH	TEC
27	63	0.61	95	DSI		P1	02H	0.06			TEH	TEC
27	73	0.67	141	DSI		P1	01H	0.20			TEH	TEC
27	81	0.34	91	DSI		P1	05H	0.09			TEH	TEC
27	84	0.59	136	PCT	0	P1	01C	-0.05			TEH	TEC
28	10	0.55	80	DSI		P1	01H	-0.06			TEH	TEC
28	10	0.58	67	DSI		P1	02H	0.11			TEH	TEC
28	14	0.49	74	DSI		P1	01H	0.09			TEH	TEC
28	16	0.60	36	DSI		P1	01H	0.03			TEH	TEC
28	16	0.49	38	DSI		P1	03H	0.11			TEH	TEC
28	20	1.79	102	DSI		P1	01H	0.09			TEH	TEC
28	20	0.89	109	DSI		P1	02H	-0.11			TEH	TEC
28	20	0.52	51	DSI		P1	05H	0.03			TEH	TEC
28	20	0.67	101	MAI		3	01H	-0.14			01H	01H
28	21	1.21	80	DSI		P1	01H	0.03			TEH	TEC
28	21	1.35	104	DSI		P1	02H	0.00			TEH	TEC
28	21	0.64	103	MAI		3	01H	-0.04			01H	01H
28	21	0.32	125	MAI		3	02H	-0.02			02H	02H
28	23	1.21	82	DSI		P1	01H	0.03			TEH	TEC
28	23	0.78	99	MAI		3	01H	-0.02			01H	01H
28	24	0.76	52	DSI		P1	01H	0.06			TEH	TEC
28	25	0.84	103	DSI		P1	01H	0.00			TEH	TEC
28	28	1.29	109	DSI		P1	01H	0.08			TEH	TEC
28	28	0.36	81	DSI		P1	02H	0.00			TEH	TEC
28	28	0.42	105	MAI		3	01H	0.10			01H	01H

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RC-E-1C
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Row	Col	Volts	Phase	Ind	PCT	Chan	Loc	Inch1	Inch2	Degrees	From	To
28	31	1.47	98	DSI		P1	01H	0.06			TEH	TEC
28	31	0.82	95	DSI		P1	02H	-0.06			TEH	TEC
28	31	1.06	100	MAI		3	01H	-0.04			01H	01H
28	34	1.15	100	DSI		P1	01H	0.14			TEH	TEC
28	34	0.66	122	MAI		3	01H	0.10			01H	01H
28	36	1.86	102	DSI		P1	01H	0.16			TEH	TEC
28	36	0.92	101	DSI		P1	02H	0.00			TEH	TEC
28	36	0.93	115	DSI		P1	03H	-0.14			TEH	TEC
28	36	0.31	121	MAI		3	01H	0.05			01H	01H
28	36	0.26	125	MAI		3	03H	-0.05			03H	03H
28	41	1.51	103	DSI		P1	01H	0.11			TEH	TEC
28	41	0.49	59	DSI		P1	02H	0.06			TEH	TEC
28	41	0.66	109	SAI		3	01H	-0.01			01H	01H
28	49	1.98	68	DSI		P1	02H	0.06			TEH	TEC
28	49	1.02	92	SAI		3	02H	0.01			02H	02H
28	50	0.52	96	DSI		P1	01H	0.03			TEH	TEC
28	51	0.23	113	SAI		3	TSH	0.17	0.04		TSH	TSH
28	52	0.72	81	DSI		P1	02H	0.08			TEH	TEC
28	58	0.56	71	DSI		P1	01H	0.03			TEH	TEC
28	58	0.40	37	DSI		P1	02H	0.03			TEH	TEC
28	60	0.42	57	DSI		P1	01H	0.08			TEH	TEC
28	60	0.61	104	DSI		P1	02H	-0.03			TEH	TEC
28	62	1.02	61	DSI		P1	03H	0.00			TEH	TEC
28	68	0.39	22	DSI		P1	02H	0.05			TEH	TEC
28	83	0.57	135	DSI		P1	02H	0.17			TEH	TEC
28	83	1.14	117	PCT	26	P1	01C	-0.14			TEH	TEC
28	84	0.40	110	DSI		P1	01H	0.30			TEH	TEC
29	15	0.31	95	DSI		P1	01H	0.11			TEH	TEC
29	22	1.37	96	DSI		P1	01H	0.00			TEH	TEC
29	22	1.37	83	DSI		P1	02H	0.00			TEH	TEC
29	22	0.40	115	MAI		3	01H	-0.03			01H	01H
29	22	0.65	112	MAI		3	02H	0.09			02H	02H
29	27	1.92	56	DSI		P1	01H	0.03			TEH	TEC
29	27	1.17	19	DSI		P1	02H	0.09			TEH	TEC
29	27	0.99	82	MAI		3	01H	-0.02			01H	01H
29	27	0.35	107	MAI		3	02H	0.02			02H	02H
29	28	1.43	89	DSI		P1	01H	0.08			TEH	TEC
29	28	1.07	83	DSI		P1	02H	0.16			TEH	TEC
29	28	0.45	106	MAI		3	01H	0.09			01H	01H
29	29	0.97	72	DSI		P1	01H	0.00			TEH	TEC
29	29	0.31	44	DSI		P1	02H	0.06			TEH	TEC
29	32	0.98	31	DSI		P1	01H	0.08			TEH	TEC
29	32	0.39	76	DSI		P1	02H	-0.08			TEH	TEC
29	32	0.28	52	DSI		P1	03H	0.11			TEH	TEC
29	32	0.38	100	MAI		3	01H	0.03			01H	01H
29	33	0.39	39	DSI		P1	01H	0.08			TEH	TEC
29	33	0.67	44	DSI		P1	02H	0.03			TEH	TEC
29	35	0.30	102	DSI		P1	01H	0.14			TEH	TEC
29	36	1.05	110	DSI		P1	01H	0.08			TEH	TEC

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RC-E-1C
(TUBES WITH INDICATIONS)

Row	Col	Volts	Phase	Ind	PCT	Chan	Loc	Inch1	Inch2	Degrees	From	To
29	38	0.35	61	DSI		P1	01H	0.05			TEH	TEC
29	40	0.91	78	DSI		P1	01H	0.09			TEH	TEC
29	41	0.58	35	DSI		P1	02H	0.03			TEH	TEC
29	42	0.45	120	DSI		P1	02H	0.16			TEH	TEC
29	42	0.38	114	DSI		P1	04H	0.11			TEH	TEC
29	45	0.47	67	DSI		P1	02H	-0.03			07H	TEH
29	46	2.86	0	PCT	31	P2	AV1	0.00			07H	TEC
29	46	2.02	0	PCT	26	P2	AV2	-0.55			07H	TEC
29	46	4.43	0	PCT	36	P2	AV2	0.67			07H	TEC
29	46	2.26	0	PCT	28	P2	AV3	-0.43			07H	TEC
29	46	3.43	0	PCT	33	P2	AV3	0.17			07H	TEC
29	46	2.35	0	PCT	28	P2	AV4	-0.09			07H	TEC
29	48	0.50	91	DSI		P1	02H	-0.11			07H	TEH
29	49	0.95	99	DSI		P1	01H	0.08			07H	TEH
29	49	1.16	91	DSI		P1	02H	-0.03			07H	TEH
29	49	0.32	107	MAI		3	02H	0.01			02H	02H
29	52	0.46	63	DSI		P1	02H	-0.03			07H	TEH
29	53	0.66	75	DSI		P1	01H	0.00			07H	TEH
29	55	0.31	76	DSI		P1	02H	-0.08			07H	TEH
29	55	0.50	55	DSI		P1	03H	0.00			07H	TEH
29	55	0.13	96	SAI		3	TSH	0.12	0.04		TSH	TSH
29	56	0.47	99	DSI		P1	02H	-0.12			TEH	TEC
29	57	0.53	24	DSI		P1	01H	0.12			TEH	TEC
29	57	0.58	45	DSI		P1	02H	0.09			TEH	TEC
29	61	0.33	46	DSI		P1	02H	0.09			TEH	TEC
29	64	0.96	55	DSI		P1	01H	0.06			TEH	TEC
29	84	1.43	117	PCT	15	P1	01C	-0.08			TEH	TEC
30	14	2.97	115	PCT	32	P1	02C	-0.14			TEH	TEC
30	18	0.84	46	DSI		P1	01H	0.09			TEH	TEC
30	18	0.60	135	DSI		P1	02H	0.17			TEH	TEC
30	20	0.25	93	DSI		P1	02H	0.00			TEH	TEC
30	21	0.30	112	DSI		P1	02H	0.06			TEH	TEC
30	23	0.72	90	DSI		P1	01H	0.00			TEH	TEC
30	23	0.62	80	DSI		P1	02H	0.09			TEH	TEC
30	24	0.22	88	DSI		P1	01H	0.00			TEH	TEC
30	24	0.50	107	DSI		P1	02H	0.08			TEH	TEC
30	27	0.36	45	DSI		P1	01H	0.14			TEH	TEC
30	27	0.78	47	DSI		P1	02H	0.06			TEH	TEC
30	33	0.57	50	DSI		P1	01H	0.06			TEH	TEC
30	36	0.81	108	DSI		P1	01H	-0.05			TEH	TEC
30	36	0.62	94	DSI		P1	02H	-0.08			TEH	TEC
30	38	1.19	94	DSI		P1	01H	0.11			TEH	TEC
30	38	0.61	96	MAI		3	01H	0.13			01H	01H
30	43	0.70	46	DSI		P1	01H	-0.03			07H	TEH
30	44	1.37	72	DSI		P1	01H	0.08			07H	TEH
30	44	0.40	116	MAI		3	01H	-0.17			01H	01H
30	49	0.35	57	DSI		P1	02H	-0.03			07H	TEH
30	53	0.97	77	DSI		P1	01H	0.00			07H	TEH
30	56	0.55	79	DSI		P1	02H	0.00			TEH	TEC

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(TUBES WITH INDICATIONS)

Row	Col	Volts	Phase	Ind	PCT	Chan	Loc	Inch1	Inch2	Degrees	From	To
30	56	0.31	26	DSI		P1	03H	0.09			TEH	TEC
30	57	0.50	31	DSI		P1	02H	0.12			TEH	TEC
30	59	0.95	10	SAI		3	TSH	-6.91	-7.00		TSH	TSH
30	61	0.35	55	DSI		P1	02H	0.06			TEH	TEC
30	63	1.61	99	DSI		P1	01H	0.11			TEH	TEC
30	63	0.44	100	DSI		P1	02H	0.11			TEH	TEC
30	63	0.35	107	SAI		3	01H	0.00			01H	01H
30	68	1.40	88	DSI		P1	01H	0.14			TEH	TEC
30	68	0.23	104	MAI		3	01H	-0.14			01H	01H
30	70	1.04	89	DSI		P1	01H	0.11			TEH	TEC
30	83	0.58	131	PCT	4	P1	01C	-0.06			TEH	TEC
31	19	1.66	101	DSI		P1	01H	0.16			TEH	TEC
31	19	0.97	51	DSI		P1	04H	-0.06			TEH	TEC
31	19	0.34	79	DSI		P1	06H	0.00			TEH	TEC
31	19	0.37	108	MAI		3	01H	0.12			01H	01H
31	22	0.53	104	DSI		P1	01H	0.08			TEH	TEC
31	26	0.89	85	DSI		P1	01H	0.05			TEH	TEC
31	26	1.23	53	DSI		P1	02H	0.05			TEH	TEC
31	26	0.61	101	SAI		3	02H	-0.09			02H	02H
31	27	1.31	132	DSI		P1	01H	-0.06			TEH	TEC
31	27	0.25	101	DSI		P1	03H	0.14			TEH	TEC
31	27	0.58	106	MAI		3	01H	0.03			01H	01H
31	28	0.58	43	DSI		P1	01H	0.05			TEH	TEC
31	30	1.46	100	DSI		P1	01H	0.06			TEH	TEC
31	30	0.44	106	MAI		3	01H	-0.08			01H	01H
31	32	0.48	44	DSI		P1	01H	0.08			TEH	TEC
31	32	0.48	43	DSI		P1	02H	0.08			TEH	TEC
31	34	0.32	113	DSI		P1	02H	0.11			TEH	TEC
31	34	0.28	83	DSI		P1	03H	0.00			TEH	TEC
31	35	1.32	99	DSI		P1	01H	0.11			TEH	TEC
31	35	0.65	107	DSI		P1	02H	-0.11			TEH	TEC
31	35	0.48	139	DSI		P1	04H	0.03			TEH	TEC
31	35	1.13	104	MAI		3	01H	0.07			01H	01H
31	38	0.59	88	DSI		P1	01H	0.08			TEH	TEC
31	39	1.45	98	DSI		P1	01H	0.00			TEH	TEC
31	39	0.78	92	MAI		3	01H	-0.04			01H	01H
31	43	0.99	108	DSI		P1	01H	0.14			07H	TEH
31	45	0.65	52	DSI		P1	01H	-0.03			07H	TEH
31	46	0.75	52	DSI		P1	01H	-0.03			07H	TEH
31	47	0.48	61	DSI		P1	02H	-0.08			07H	TEH
31	48	1.49	90	DSI		P1	02H	-0.03			07H	TEH
31	48	0.73	109	MAI		3	02H	-0.03			02H	02H
31	50	0.45	74	DSI		P1	01H	0.11			07H	TEH
31	50	1.14	94	DSI		P1	02H	-0.08			07H	TEH
31	50	0.19	123	MAI		3	02H	0.03			02H	02H
31	59	1.07	86	DSI		P1	01H	0.09			TEH	TEC
31	62	0.29	89	DSI		P1	01H	0.08			TEH	TEC
31	62	0.81	28	DSI		P1	03H	0.08			TEH	TEC
31	63	0.55	24	DSI		P1	03H	0.12			TEH	TEC

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RC-E-1C
(TUBES WITH INDICATIONS)

Row	Col	Volts	Phase	Ind	PCT	Chan	Loc	Inch1	Inch2	Degrees	From	To
31	69	0.25	50	DSI		P1	02H	0.09			TEH	TEC
32	18	0.97	83	DSI		P1	01H	-0.03			TEH	TEC
32	18	0.57	47	DSI		P1	04H	0.00			TEH	TEC
32	22	0.38	74	DSI		P1	01H	0.03			TEH	TEC
32	24	1.88	93	DSI		P1	01H	0.05			TEH	TEC
32	24	0.80	46	DSI		P1	02H	0.14			TEH	TEC
32	24	0.75	33	DSI		P1	03H	-0.05			TEH	TEC
32	24	0.59	110	MAI		3	01H	0.04			01H	01H
32	24	0.17	113	SAI		3	03H	-0.12			03H	03H
32	27	1.01	91	DSI		P1	01H	0.00			TEH	TEC
32	28	1.59	97	DSI		P1	01H	0.08			TEH	TEC
32	28	0.50	104	DSI		P1	02H	0.14			TEH	TEC
32	28	0.94	102	MAI		3	01H	0.07			01H	01H
32	30	0.29	29	DSI		P1	01H	0.05			TEH	TEC
32	30	0.95	43	DSI		P1	03H	0.00			TEH	TEC
32	30	0.20	113	MAI		3	01H	0.01			01H	01H
32	30	0.27	118	MAI		3	03H	0.12			03H	03H
32	32	0.66	70	DSI		P1	02H	0.11			TEH	TEC
32	33	0.73	54	DSI		P1	01H	0.06			TEH	TEC
32	34	0.64	67	DSI		P1	02H	-0.05			TEH	TEC
32	36	1.37	68	DSI		P1	01H	0.05			TEH	TEC
32	36	1.07	83	DSI		P1	02H	0.05			TEH	TEC
32	36	0.78	99	MAI		3	01H	0.11			01H	01H
32	37	0.64	44	DSI		P1	01H	0.14			TEH	TEC
32	37	0.34	73	DSI		P1	02H	0.03			TEH	TEC
32	39	1.11	63	DSI		P1	02H	-0.03			TEH	TEC
32	41	0.51	80	DSI		P1	01H	0.08			TEH	TEC
32	42	0.87	119	DSI		P1	01H	0.20			TEH	TEC
32	43	0.95	91	DSI		P1	01H	-0.03			07H	TEH
32	43	1.12	87	DSI		P1	02H	-0.06			07H	TEH
32	46	1.59	88	DSI		P1	01H	0.00			07H	TEH
32	46	0.54	111	MAI		3	01H	0.02			01H	01H
32	50	1.91	98	DSI		P1	01H	0.00			07H	TEH
32	50	1.31	93	DSI		P1	02H	-0.11			07H	TEH
32	50	0.22	109	MAI		3	01H	-0.15			01H	01H
32	50	0.31	100	MAI		3	02H	0.02			02H	02H
32	57	1.26	100	DSI		P1	01H	0.17			TEH	TEC
32	57	0.60	64	DSI		P1	02H	0.03			TEH	TEC
32	57	0.30	109	SAI		3	01H	-0.11			01H	01H
32	58	0.38	20	DSI		P1	02H	0.14			TEH	TEC
32	58	0.43	18	DSI		P1	03H	0.00			TEH	TEC
32	60	0.67	91	DSI		P1	01H	0.00			TEH	TEC
32	69	0.22	40	DSI		P1	01H	0.09			TEH	TEC
32	69	0.39	44	DSI		P1	02H	0.00			TEH	TEC
32	70	0.49	18	DSI		P1	02H	0.05			TEH	TEC
33	18	1.93	118	PCT	28	P1	01C	-0.20			TEH	TEC
33	23	0.67	118	DSI		P1	01H	-0.03			TEH	TEC
33	25	0.68	124	DSI		P1	01H	-0.03			TEH	TEC
33	25	1.03	70	DSI		P1	02H	0.06			TEH	TEC

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RC-E-1C
(TUBES WITH INDICATIONS)

Row	Col	Volts	Phase	Ind	PCT	Chan	Loc	Inch1	Inch2	Degrees	From	To
33	26	1.54	82	DSI		P1	01H	0.19			TEH	TEC
33	26	0.54	50	DSI		P1	02H	0.00			TEH	TEC
33	26	0.54	111	MAI		3	01H	0.03			01H	01H
33	27	0.73	111	DSI		P1	01H	0.00			TEH	TEC
33	30	1.20	95	DSI		P1	01H	0.05			TEH	TEC
33	30	0.41	101	MAI		3	01H	-0.09			01H	01H
33	31	0.80	104	DSI		P1	01H	0.06			TEH	TEC
33	36	0.48	80	DSI		P1	01H	0.06			TEH	TEC
33	36	0.35	94	DSI		P1	02H	-0.03			TEH	TEC
33	45	0.35	72	DSI		P1	02H	0.00			07H	TEH
33	49	0.52	82	DSI		P1	01H	-0.03			07H	TEH
33	50	0.44	69	DSI		P1	02H	0.00			07H	TEH
33	51	0.78	110	DSI		P1	01H	0.00			07H	TEH
33	51	0.68	44	DSI		P1	02H	0.00			07H	TEH
33	53	0.26	128	DSI		P1	02H	-0.11			07H	TEH
33	59	0.50	41	DSI		P1	03H	0.06			TEH	TEC
33	63	0.47	73	DSI		P1	02H	0.00			TEH	TEC
33	68	1.33	93	DSI		P1	01H	0.08			TEH	TEC
33	68	0.50	62	DSI		P1	02H	0.08			TEH	TEC
33	68	0.55	101	MAI		3	01H	0.03			01H	01H
33	78	0.57	115	DSI		P1	04H	0.19			TEH	TEC
33	78	0.37	143	PCT	0	P1	01C	-0.08			TEH	TEC
34	21	0.34	107	DSI		P1	01H	0.11			TEH	TEC
34	21	0.39	56	DSI		P1	05H	0.06			TEH	TEC
34	26	0.76	75	DSI		P1	02H	0.00			TEH	TEC
34	28	1.11	78	DSI		P1	01H	0.03			TEH	TEC
34	28	0.43	68	DSI		P1	03H	0.08			TEH	TEC
34	29	0.61	83	DSI		P1	01H	0.03			TEH	TEC
34	29	0.62	49	DSI		P1	02H	0.05			TEH	TEC
34	30	0.70	57	DSI		P1	01H	0.03			TEH	TEC
34	31	1.61	86	DSI		P1	01H	0.03			TEH	TEC
34	31	0.72	103	MAI		3	01H	0.02			01H	01H
34	32	1.12	74	DSI		P1	01H	0.05			TEH	TEC
34	32	0.39	77	DSI		P1	02H	-0.05			TEH	TEC
34	32	0.49	78	DSI		P1	03H	0.00			TEH	TEC
34	32	0.49	114	MAI		3	01H	-0.18			01H	01H
34	40	0.74	40	DSI		P1	01H	0.09			TEH	TEC
34	40	0.35	67	DSI		P1	03H	0.06			TEH	TEC
34	43	0.54	95	DSI		P1	01H	0.00			07H	TEH
34	47	1.13	0	PCT	18	P2	AV2	0.00			TEH	TEC
34	47	0.37	123	WAR		2	AV2	0.10			AV2	AV2
34	50	0.66	72	DSI		P1	02H	0.00			07H	TEH
34	56	0.61	76	DSI		P1	01H	0.06			TEH	TEC
34	56	0.32	55	DSI		P1	02H	0.06			TEH	TEC
34	59	0.33	36	DSI		P1	01H	0.03			TEH	TEC
34	63	0.69	60	DSI		P1	01H	0.03			TEH	TEC
34	66	0.65	0	PCT	12	P2	AV3	-0.08			TEH	TEC
34	66	0.97	0	PCT	16	P2	AV4	0.00			TEH	TEC
34	66	0.25	113	WAR		2	AV3	0.00			AV3	AV3

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Row	Col	Volts	Phase	Ind	PCT	Chan	Loc	Inch1	Inch2	Degrees	From	To
34	77	1.22	117	PCT	26	P1	01C	-0.37			TEH	TEC
34	77	0.36	124	VOL		3	01C	-0.16			01C	01C
34	79	2.00	114	PCT	20	P1	02C	-0.06			TEH	TEC
34	79	0.77	110	PCT	27	P1	01C	0.00			TEH	TEC
35	20	0.45	130	DSI		P1	01H	0.16			TEH	TEC
35	20	0.39	106	DSI		P1	02H	0.00			TEH	TEC
35	27	0.50	60	DSI		P1	01H	0.03			TEH	TEC
35	28	1.13	58	DSI		P1	01H	0.03			TEH	TEC
35	28	1.10	70	DSI		P1	02H	0.06			TEH	TEC
35	28	0.42	94	DSI		P1	04H	0.08			TEH	TEC
35	28	0.43	105	MAI		3	01H	0.06			01H	01H
35	30	0.78	62	DSI		P1	01H	0.00			TEH	TEC
35	31	1.58	97	DSI		P1	01H	0.08			TEH	TEC
35	31	0.37	106	DSI		P1	02H	0.03			TEH	TEC
35	31	0.60	102	MAI		3	01H	-0.05			01H	01H
35	34	0.84	98	DSI		P1	01H	-0.03			TEH	TEC
35	34	0.39	55	DSI		P1	02H	0.00			TEH	TEC
35	35	0.79	49	DSI		P1	02H	0.00			TEH	TEC
35	40	0.50	41	DSI		P1	01H	0.06			TEH	TEC
35	40	0.50	89	DSI		P1	03H	0.14			TEH	TEC
35	43	0.73	81	DSI		P1	01H	0.00			07H	TEH
35	43	0.45	94	DSI		P1	02H	-0.06			07H	TEH
35	45	0.75	92	DSI		P1	01H	0.00			07H	TEH
35	45	0.25	116	DSI		P1	02H	0.11			07H	TEH
35	47	1.42	122	DSI		P1	01H	0.06			07H	TEH
35	47	1.51	114	DSI		P1	04H	-0.11			07H	TEH
35	47	0.43	90	MAI		3	01H	-0.04			01H	01H
35	47	0.31	107	MAI		3	04H	-0.17			04H	04H
35	53	1.22	67	DSI		P1	01H	0.00			07H	TEH
35	53	0.35	114	MAI		3	01H	0.01			01H	01H
35	55	1.12	87	DSI		P1	01H	0.03			07H	TEH
35	55	0.63	79	DSI		P1	02H	-0.11			07H	TEH
35	55	0.30	53	DSI		P1	03H	-0.03			07H	TEH
35	59	3.13	19	SAI		3	TSH	-7.98	-8.21		TSH	TSH
35	61	0.57	52	DSI		P1	02H	0.11			TEH	TEC
35	63	0.78	109	DSI		P1	01H	0.06			TEH	TEC
35	63	0.53	24	DSI		P1	02H	0.09			TEH	TEC
35	63	0.59	36	DSI		P1	03H	0.12			TEH	TEC
35	67	1.27	105	DSI		P1	01H	0.06			TEH	TEC
35	67	0.61	67	DSI		P1	02H	0.00			TEH	TEC
35	67	0.37	106	MAI		3	01H	0.00			01H	01H
35	78	1.12	116	PCT	27	P1	04C	-0.26			TEH	TEC
36	21	0.58	39	DSI		P1	05H	0.14			TEH	TEC
36	22	0.91	87	DSI		P1	02H	-0.05			TEH	TEC
36	28	0.88	92	DSI		P1	01H	0.05			TEH	TEC
36	29	0.27	109	DSI		P1	01H	0.03			TEH	TEC
36	31	0.64	71	DSI		P1	01H	0.08			TEH	TEC
36	35	0.67	112	DSI		P1	01H	0.11			TEH	TEC
36	35	0.69	71	DSI		P1	02H	0.05			TEH	TEC

BEAVER VALLEY UNIT #1
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RC-E-1C
(TUBES WITH INDICATIONS)

Row	Col	Volts	Phase	Ind	PCT	Chan	Loc	Inch1	Inch2	Degrees	From	To
36	36	1.60	93	DSI		P1	02H	-0.06			TEH	TEC
36	36	0.83	65	DSI		P1	03H	0.11			TEH	TEC
36	36	0.30	108	MAI		3	02H	-0.13			02H	02H
36	37	0.17	142	DSI		P1	01H	0.05			TEH	TEC
36	37	0.18	112	MAI		3	01H	0.04			01H	01H
36	41	0.72	93	DSI		P1	01H	0.08			TEH	TEC
36	41	0.76	85	DSI		P1	02H	0.08			TEH	TEC
36	41	0.64	90	DSI		P1	03H	0.14			TEH	TEC
36	42	0.76	108	DSI		P1	01H	-0.14			TEH	TEC
36	42	0.22	128	SAI		3	01H	0.03			01H	01H
36	43	0.92	99	DSI		P1	01H	-0.09			07H	TEH
36	44	0.31	66	DSI		P1	01H	0.00			07H	TEH
36	45	0.49	106	DSI		P1	01H	0.06			07H	TEH
36	45	1.10	108	DSI		P1	02H	-0.03			07H	TEH
36	47	0.95	0	PCT	16	P2	AV1	0.00			TEH	TEC
36	47	2.46	0	PCT	28	P2	AV2	0.00			TEH	TEC
36	47	0.36	121	WAR		2	AV1	0.01			AV1	AV1
36	47	0.51	131	WAR		2	AV2	0.01			AV2	AV2
36	50	0.40	102	DSI		P1	01H	0.00			07H	TEH
36	50	0.78	58	DSI		P1	03H	-0.06			07H	TEH
36	54	0.57	46	DSI		P1	03H	0.06			07H	TEH
36	69	0.61	0	PCT	11	P2	AV2	0.00			TEH	TEC
36	69	0.50	0	PCT	9	P2	AV3	-0.14			TEH	TEC
36	69	0.25	142	WAR		2	AV2	0.00			AV2	AV2
36	69	0.16	141	WAR		2	AV3	0.00			AV3	AV3
36	76	2.03	129	PCT	0	P1	01C	0.14			TEH	TEC
37	19	0.64	123	PCT	17	P1	01C	-0.19			TEH	TEC
37	20	0.58	112	DSI		P1	01H	0.23			TEH	TEC
37	25	0.41	53	DSI		P1	01H	0.03			TEH	TEC
37	26	0.96	72	DSI		P1	01H	0.00			TEH	TEC
37	29	0.48	93	DSI		P1	01H	0.08			TEH	TEC
37	36	0.81	51	DSI		P1	02H	0.06			TEH	TEC
37	37	0.50	73	DSI		P1	01H	0.09			TEH	TEC
37	38	0.42	46	DSI		P1	02H	0.06			TEH	TEC
37	41	1.05	95	DSI		P1	01H	0.09			TEH	TEC
37	41	1.02	83	DSI		P1	02H	0.11			TEH	TEC
37	42	1.00	69	DSI		P1	01H	0.14			TEH	TEC
37	45	0.64	96	DSI		P1	01H	0.00			07H	TEH
37	52	0.48	56	DSI		P1	01H	-0.03			07H	TEH
37	59	0.83	20	DSI		P1	02H	0.06			TEH	TEC
37	62	0.54	142	DSI		P1	01H	0.08			TEH	TEC
37	62	1.50	76	DSI		P1	02H	0.03			TEH	TEC
37	62	0.32	115	MAI		3	02H	0.07			02H	02H
37	65	0.57	84	DSI		P1	01H	0.17			TEH	TEC
37	74	1.02	129	PCT	0	P1	01C	0.00			TEH	TEC
37	76	0.59	133	PCT	1	P1	01C	-0.32			TEH	TEC
38	23	0.33	101	DSI		P1	01H	0.00			TEH	TEC
38	23	0.49	65	DSI		P1	03H	0.09			TEH	TEC
38	23	1.26	114	PCT	30	P1	01C	-0.26			TEH	TEC

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RC-E-1C
(TUBES WITH INDICATIONS)

Row	Col	Volts	Phase	Ind	PCT	Chan	Loc	Inch1	Inch2	Degrees	From	To
38	27	0.80	42	DSI		P1	02H	0.06			TEH	TEC
38	27	0.31	117	DSI		P1	06H	-0.12			TEH	TEC
38	30	0.55	60	DSI		P1	01H	0.05			TEH	TEC
38	31	0.59	123	DSI		P1	01H	0.08			TEH	TEC
38	32	1.12	76	DSI		P1	01H	0.03			TEH	TEC
38	34	0.70	44	DSI		P1	01H	0.03			TEH	TEC
38	37	1.08	90	DSI		P1	02H	0.11			TEH	TEC
38	41	0.49	108	DSI		P1	01H	-0.06			TEH	TEC
38	47	0.74	104	DSI		P1	01H	-0.14			07H	TEH
38	52	1.13	176	DSI		P1	01H	0.06			07H	TEH
38	52	0.41	71	DSI		P1	03H	0.00			07H	TEH
38	52	0.16	111	SAI		3	01H	-0.19			01H	01H
38	55	0.84	104	DSI		P1	01H	-0.06			07H	TEH
38	55	0.57	132	DSI		P1	02H	-0.03			07H	TEH
38	59	1.08	128	DSI		P1	01H	0.06			TEH	TEC
38	62	0.93	125	DSI		P1	01H	0.19			TEH	TEC
38	62	0.96	110	DSI		P1	02H	-0.14			TEH	TEC
38	63	1.86	88	DSI		P1	02H	0.00			TEH	TEC
38	63	0.88	69	DSI		P1	03H	0.08			TEH	TEC
38	63	0.25	61	DSI		P1	05H	0.14			TEH	TEC
38	63	0.37	91	MAI		3	02H	0.02			02H	02H
38	64	0.47	51	DSI		P1	03H	0.00			TEH	TEC
38	66	1.53	76	DSI		P1	03H	0.03			TEH	TEC
38	66	1.04	100	DSI		P1	04H	-0.06			TEH	TEC
38	66	0.27	120	MAI		3	03H	0.00			03H	03H
38	68	0.59	59	DSI		P1	02H	0.06			TEH	TEC
38	73	0.37	133	PCT	1	P1	01C	-0.17			TEH	TEC
39	25	0.34	54	DSI		P1	01H	0.14			TEH	TEC
39	27	0.81	142	PCT	0	P1	01C	-0.20			TEH	TEC
39	29	1.00	71	DSI		P1	01H	0.03			TEH	TEC
39	29	0.51	27	DSI		P1	03H	0.11			TEH	TEC
39	30	0.66	49	DSI		P1	01H	0.08			TEH	TEC
39	32	1.54	101	DSI		P1	01H	0.14			TEH	TEC
39	32	0.58	111	MAI		3	01H	0.03			01H	01H
39	33	0.90	86	DSI		P1	01H	0.14			TEH	TEC
39	33	0.55	120	DSI		P1	02H	0.03			TEH	TEC
39	37	0.61	60	DSI		P1	01H	0.03			TEH	TEC
39	58	2.32	103	PCT	29	P2	AV4	0.00			TEH	TEC
39	63	2.05	0	PCT	25	P2	AV1	-0.09			TEH	TEC
39	63	1.79	0	PCT	23	P2	AV2	-0.40			TEH	TEC
39	63	1.99	0	PCT	24	P2	AV2	0.49			TEH	TEC
39	63	0.63	130	WAR		2	AV1	-0.04			AV1	AV1
39	63	0.80	122	WAR		2	AV2	0.50			AV2	AV2
39	63	0.55	124	WAR		2	AV2	0.70			AV2	AV2
39	71	0.98	114	PCT	30	P1	02C	-0.03			TEH	TEC
40	25	1.40	123	PCT	17	P1	01C	-0.26			TEH	TEC
40	27	0.50	81	DSI		P1	02H	0.11			TEH	TEC
40	36	0.59	101	DSI		P1	01H	0.08			TEH	TEC
40	39	0.96	93	DSI		P1	01H	0.09			TEH	TEC

BEAVER VALLEY UNIT #1
1R13 S/G EXAMINATION RESULTS

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RC-E-1C
(TUBES WITH INDICATIONS)

Row	Col	Volts	Phase	Ind	PCT	Chan	Loc	Inch1	Inch2	Degrees	From	To
40	40	1.64	95	DSI		P1	01H	0.03			TEH	TEC
40	40	1.07	96	MAI		3	01H	0.07			01H	01H
40	41	0.49	96	DSI		P1	02H	0.09			TEH	TEC
40	41	1.20	0	PCT	21	P2	AV2	-0.89			TEH	TEC
40	41	0.58	0	PCT	12	P2	AV3	0.00			TEH	TEC
40	41	0.61	127	WAR		2	AV2	0.06			AV2	AV2
40	50	1.77	0	PCT	25	P2	AV2	0.00			07H	TEC
40	50	0.10	129	WAR		2	AV2	0.03			AV2	AV2
40	52	1.64	0	PCT	24	P2	AV3	0.06			07H	TEC
40	52	2.66	0	PCT	30	P2	AV4	-0.06			07H	TEC
40	63	0.87	48	DSI		P1	02H	0.06			TEH	TEC
40	66	0.29	114	DSI		P1	01H	0.06			TEH	TEC
40	66	0.68	65	DSI		P1	02H	0.00			TEH	TEC
40	70	0.36	82	DSI		P1	05H	0.11			TEH	TEC
41	26	0.40	59	DSI		P1	01H	0.05			TEH	TEC
41	26	1.62	134	PCT	0	P1	04C	0.16			TEH	TEC
41	29	0.66	116	DSI		P1	01H	0.11			TEH	TEC
41	29	1.54	122	PCT	15	P1	04C	0.11			TEH	TEC
41	33	0.69	115	DSI		P1	01H	0.26			TEH	TEC
41	34	0.33	136	PCT	0	P1	03C	-0.14			TEH	TEC
41	34	0.54	136	PCT	0	P1	02C	-0.22			TEH	TEC
41	36	0.33	62	DSI		P1	01H	0.11			TEH	TEC
41	39	0.67	53	DSI		P1	01H	0.09			TEH	TEC
41	39	0.32	102	DSI		P1	04H	-0.03			TEH	TEC
41	46	0.58	22	DSI		P1	01H	0.00			07H	TEH
41	48	0.32	49	DSI		P1	02H	0.00			07H	TEH
41	55	0.34	151	DSI		P1	02H	-0.03			07H	TEH
41	56	0.76	53	DSI		P1	03H	0.03			TEH	TEC
41	56	1.68	0	PCT	24	P2	AV1	0.29			TEH	TEC
41	56	0.40	155	WAR		2	AV1	0.00			AV1	AV1
41	60	0.27	94	DSI		P1	03H	0.00			TEH	TEC
41	63	0.77	85	DSI		P1	02H	-0.03			TEH	TEC
41	66	1.39	115	PCT	18	P1	01C	-0.22			TEH	TEC
41	69	0.54	122	PCT	19	P1	01C	-0.23			TEH	TEC
42	28	0.72	123	PCT	16	P1	04C	0.25			TEH	TEC
42	31	0.79	123	PCT	13	P1	03C	-0.25			TEH	TEC
42	39	1.44	82	DSI		P1	01H	0.09			TEH	TEC
42	39	0.49	67	DSI		P1	03H	-0.03			TEH	TEC
42	39	0.77	102	MAI		3	01H	-0.11			01H	01H
42	40	12.81	9	PSI		8	01H	0.08			TEH	TEC
42	40	0.22	72	CSI		11	01H	0.11		30	01H	01H
42	42	0.55	94	DSI		P1	03H	0.17			TEH	TEC
42	42	0.29	120	DSI		P1	06H	0.00			TEH	TEC
42	52	0.41	121	DSI		P1	01H	0.00			07H	TEH
42	53	1.01	126	PCT	6	P1	02C	-0.12			06H	TEC
42	53	0.20	121	VOL		3	02C	-0.16			02C	02C
43	31	0.30	124	PCT	14	P1	01C	0.03			TEH	TEC
43	31	0.15	145	VOL		3	01C	0.14			01C	01C
43	33	0.49	145	PCT	0	P1	01C	-0.17			TEH	TEC

BEAVER VALLEY UNIT #1
1R13 S/G EXAMINATION RESULTS

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RC-E-1C
(TUBES WITH INDICATIONS)

Row	Col	Volts	Phase	Ind	PCT	Chan	Loc	Inch1	Inch2	Degrees	From	To
43	36	0.82	143	DSI		P1	03H	-0.14			TEH	TEC
43	37	0.72	111	DSI		P1	01H	0.25			TEH	TEC
43	45	0.79	77	DSI		P1	02H	-0.11			07H	TEH
43	45	0.35	108	DSI		P1	05H	0.00			07H	TEH
43	48	1.59	0	PCT	23	P2	AV2	0.00			07H	TEC
43	48	0.20	139	WAR		2	AV2	0.01			AV2	AV2
43	64	1.42	99	PCT	20	P2	AV1	0.03			TEH	TEC
43	64	1.05	129	PCT	10	P1	02C	-0.06			TEH	TEC
43	64	0.22	147	WAR		2	AV1	0.00			AV1	AV1
43	65	0.61	0	PCT	11	P2	AV1	0.03			TEH	TEC
43	65	0.24	111	WAR		2	AV1	0.00			AV1	AV1
44	33	0.45	134	PCT	0	P1	04C	-0.30			TEH	TEC
44	33	2.14	122	PCT	18	P1	03C	-0.28			TEH	TEC
44	34	0.40	125	DSI		P1	01H	0.19			TEH	TEC
44	34	1.11	0	PCT	20	P2	AV2	0.00			TEH	TEC
44	34	0.16	155	WAR		2	AV2	0.00			AV2	AV2
44	36	0.67	140	DSI		P1	02H	0.05			TEH	TEC
44	36	1.11	122	PCT	18	P1	03C	0.14			TEH	TEC
44	36	0.24	83	VOL		3	03C	0.18			03C	03C
44	39	1.06	120	PCT	18	P1	03C	-0.23			TEH	TEC
44	49	0.66	124	PCT	10	P1	03C	0.15			06H	TEC
44	54	0.95	0	PCT	16	P2	AV1	0.17			07H	TEC
44	54	0.34	159	WAR		2	AV1	0.00			AV1	AV1
44	57	0.50	132	PCT	6	P1	01C	-0.17			TEH	TEC
44	60	0.83	129	PCT	3	P1	02C	-0.22			TEH	TEC
44	62	1.67	113	PCT	30	P1	01C	-0.20			TEH	TEC
45	36	0.53	128	PCT	6	P1	04C	0.17			TEH	TEC
45	36	0.19	140	VOL		3	04C	0.28			04C	04C
45	37	0.51	137	PCT	0	P1	04C	0.22			TEH	TEC
45	39	0.57	118	DSI		P1	02H	0.33			TEH	TEC
45	39	0.49	85	DSI		P1	03H	0.11			TEH	TEC
45	39	1.56	123	PCT	16	P1	04C	0.25			TEH	TEC
45	50	0.46	117	PCT	27	P1	04C	0.26			07H	TEC
46	41	18.07	155	PSI		8	01H	0.00			TEH	TEC
46	41	0.25	70	CSI		11	01H	-0.01		30	01H	01H
46	46	0.68	140	PCT	0	P1	03C	0.15			06H	TEC
46	53	0.57	127	PCT	4	P1	01C	-0.15			06H	TEC

ATTACHMENT 3A

**BEAVER VALLEY UNIT #1
1R13 S/G EXAMINATION RESULTS**

RC-E-1C

**EOC 13 INSERVICE TUBES
REPAIRED VIA PLUGGING**

BEAVER VALLEY UNIT #1
1R13 S/G EXAMINATION RESULTS

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RC-E-1C

(EOC 13 INSERVICE TUBES REPAIRED VIA PLUGGING)

Row	Col	Volts	Phase	Ind	PCT	Chan	Loc	Inch1	Inch2	Degrees	From	To
1	44	0.93	28	SCI		P2	07H	9.39		58	07H	07C
1	46	0.77	22	SCI		P2	07H	7.39		76	07C	07H
9	19	0.65	10	SAI		3	TSH	-0.18	-0.28		TSH	TSH
11	31	0.20	123	SAI		3	TSH	1.54	1.01		TSH	TSH
12	14	2.38	12	SAI		3	TSH	-8.51			TSH	TSH
12	14	2.24	15	SAI		3	TSH	-7.47	-11.36		TSH	TSH
17	30	0.15	95	SAI		3	TSH	0.72	0.41		TSH	TSH
17	30	0.08	108	SAI		3	TSH	1.23	0.90		TSH	TSH
17	31	0.13	84	SAI		3	TSH	2.01	1.77		TSH	TSH
19	87	0.36	106	PCT	43	P1	01C	-0.25			TEH	TEC
20	34	0.68	83	MAI		3	TSH	0.54	0.25		TSH	TSH
21	81	1.74	22	SAI		3	TSH	-4.78	-5.22		TSH	TSH
23	44	0.59	110	MAI		3	01H	0.00			01H	01H
24	34	0.19	62	SAI		3	TSH	0.13	0.02		TSH	TSH
24	61	0.77	15	SAI		3	TSH	-0.64	-0.76		TSH	TSH
28	51	0.23	113	SAI		3	TSH	0.17	0.04		TSH	TSH
29	55	0.13	96	SAI		3	TSH	0.12	0.04		TSH	TSH
30	59	0.95	10	SAI		3	TSH	-6.91	-7.00		TSH	TSH
35	59	3.13	19	SAI		3	TSH	-7.98	-8.21		TSH	TSH

ATTACHMENT 4

BEAVER VALLEY UNIT #2
2R08 S/G EXAMINATION RESULTS
2RCS-SG21A
TUBES WITH INDICATIONS

BEAVER VALLEY UNIT #2
2R08 S/G EXAMINATION RESULTS

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2RCS-SG21A
(TUBES WITH INDICATIONS)

Row	Col	Volts	Phase	Ind	PCT	Chan	Loc	Inch1	Inch 2	Degrees	From	To
1	53	0.41	72	DSI		P1	06H	0.00			08H	TEH
2	44	0.57	67	DSI		P1	03H	0.09			08H	TEH
2	44	0.13	138	SCI		P1	TSH	-0.10		124	TSH	TSH
3	59	0.63	69	DSI		P1	02H	0.09			08H	TEH
3	81	1.01	75	DSI		P1	03H	-0.05			TEC	TEH
3	84	0.85	49	DSI		P1	03H	-0.18			TEC	TEH
3	85	0.69	65	DSI		P1	04H	0.00			TEC	TEH
3	92	0.64	122	DSI		P1	02H	0.08			TEC	TEH
4	9	0.70	125	DSI		P1	03H	0.00			TEC	TEH
4	44	0.20	86	SAI		3	TSH	0.45			TSH	TSH
4	50	0.64	59	DSI		P1	02H	0.12			08H	TEH
4	54	1.02	76	DSI		P1	02H	0.00			08H	TEH
4	54	0.47	81	DSI		P1	04H	0.06			08H	TEH
4	60	0.80	98	DSI		P1	02H	0.00			08H	TEH
4	63	0.67	61	DSI		P1	02H	-0.05			TEC	TEH
5	10	0.83	73	DSI		P1	02H	0.06			TEH	TEC
5	10	0.70	97	DSI		P1	03H	-0.08			TEH	TEC
5	48	0.15	164	SCI		P1	TSH	0.00		40	TSH	TSH
5	71	0.61	93	DSI		P1	02H	0.06			TEH	TEC
5	80	0.30	72	DSI		P1	05H	0.14			TEH	TEC
6	32	0.48	120	DSI		P1	02H	0.09			TEH	TEC
6	34	0.59	94	DSI		P1	02H	0.03			TEH	TEC
6	40	0.58	84	DSI		P1	03H	0.11			TEH	TEC
6	43	0.80	68	DSI		P1	02H	0.08			TEH	TEC
7	19	0.53	70	DSI		P1	03H	0.00			TEH	TEC
7	71	0.58	111	DSI		P1	03H	-0.08			TEH	TEC
7	94	0.25	100	DSI		P1	02H	0.08			TEH	TEC
8	19	0.46	117	DSI		P1	02H	-0.06			TEH	TEC
9	14	0.72	50	DSI		P1	03H	0.06			TEH	TEC
9	16	0.54	131	DSI		P1	02H	0.00			TEH	TEC
9	16	0.62	106	DSI		P1	04H	0.03			TEH	TEC
9	22	0.75	70	DSI		P1	03H	0.06			TEH	TEC
9	35	0.58	106	DSI		P1	02H	0.14			TEH	TEC
9	40	0.55	77	DSI		P1	03H	0.09			TEH	TEC
9	45	0.46	116	MCI		P1	TSH	-0.08		216	TSH	TSH
9	46	0.18	148	SCI		P1	TSH	-0.11		156	TSH	TSH
10	19	0.62	111	DSI		P1	04H	-0.09			TEH	TEC
10	42	0.16	127	MCI		P1	TSH	-0.03		148	TSH	TSH
10	46	0.16	136	SCI		P1	TSH	-0.11		84	TSH	TSH
11	46	0.16	136	MCI		P1	TSH	-0.11		160	TSH	TSH
11	48	1.02	119	DSI		P1	02H	-0.03			TEH	TEC
11	61	1.71	0	PCT	19	P2	AV4	0.00			TEH	TEC
11	77	0.41	86	DSI		P1	05H	0.03			TEH	TEC
12	15	0.42	65	DSI		P1	03H	0.03			TEH	TEC
12	70	0.73	97	DSI		P1	03H	0.06			TEH	TEC
13	32	0.36	144	DSI		P1	02H	0.03			TEH	TEC
13	49	0.43	63	DSI		P1	04H	0.11			TEH	TEC
13	60	0.41	125	DSI		P1	02H	0.14			TEH	TEC
13	84	0.72	53	DSI		P1	02H	0.05			TEH	TEC
13	85	0.88	66	DSI		P1	02H	0.08			TEH	TEC
14	27	0.41	156	DSI		P1	05H	0.14			TEH	TEC

BEAVER VALLEY UNIT #2
2R08 S/G EXAMINATION RESULTS

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2RCS-SG21A
(TUBES WITH INDICATIONS)

Row	Col	Volts	Phase	Ind	PCT	Chan	Loc	Inch1	Inch 2	Degrees	From	To
14	68	0.84	58	DSI		P1	02H	0.08			TEH	TEC
14	70	0.48	129	DSI		P1	03H	0.03			TEH	TEC
14	91	3.94	29	DTI		P1	TEC	16.10			TEH	TEC
17	27	0.46	101	DSI		P1	04H	0.06			TEH	TEC
17	59	0.37	106	DSI		P1	02H	0.06			TEH	TEC
18	7	0.49	106	DSI		P1	04H	0.06			TEH	TEC
18	38	0.33	86	DSI		P1	02H	0.00			TEH	TEC
20	64	0.64	18	PCT	14	P2	AV1	0.00			TEH	TEC
20	64	0.88	21	PCT	17	P2	AV2	0.00			TEH	TEC
20	64	0.85	193	PCT	17	P2	AV3	0.00			TEH	TEC
20	78	0.28	103	DSI		P1	04H	0.06			TEH	TEC
20	80	0.11	87	SVI		3	TSH	0.06			TSH	TSH
21	26	0.65	95	DSI		P1	05H	0.06			TEH	TEC
21	34	0.57	90	DSI		P1	02H	0.08			TEH	TEC
22	7	0.66	94	DSI		P1	02H	0.14			TEH	TEC
22	29	0.39	119	DSI		P1	02H	0.03			TEH	TEC
23	19	0.72	40	DSI		P1	02H	0.09			TEH	TEC
23	20	0.54	68	DSI		P1	02H	0.14			TEH	TEC
24	16	0.39	135	DSI		P1	02H	0.11			TEH	TEC
24	16	0.38	67	DSI		P1	03H	0.03			TEH	TEC
24	24	0.46	83	DSI		P1	02H	0.00			TEH	TEC
24	33	0.54	84	DSI		P1	03H	0.06			TEH	TEC
26	15	0.54	94	DSI		P1	03H	0.11			TEH	TEC
26	42	0.87	60	DSI		P1	02H	0.00			TEH	TEC
27	71	0.85	123	PCT	15	P2	AV2	0.00			TEH	TEC
27	71	0.79	60	PCT	14	P2	AV3	0.00			TEH	TEC
27	72	1.73	82	PCT	20	P2	AV1	0.00			TEH	TEC
28	46	0.32	86	DSI		P1	03H	0.03			TEH	TEC
30	19	0.59	52	DSI		P1	02H	0.09			TEH	TEC
30	22	0.76	108	DSI		P1	02H	0.03			TEH	TEC
30	28	0.54	124	DSI		P1	03H	0.06			TEH	TEC
30	29	0.33	101	DSI		P1	03H	0.17			TEH	TEC
31	14	0.45	137	DSI		P1	04H	0.09			TEH	TEC
31	18	0.84	62	DSI		P1	02H	0.05			TEH	TEC
31	68	1.22	0	PCT	18	P2	AV3	0.00			TEH	TEC
32	22	0.62	56	DSI		P1	02H	0.03			TEH	TEC
32	45	0.70	103	DSI		P1	02H	0.08			TEH	TEC
32	50	0.17	101	SVI		3	01C	0.70			01C	01C
33	18	0.31	92	DSI		P1	02H	0.00			TEH	TEC
33	18	0.37	58	DSI		P1	03H	-0.03			TEH	TEC
33	47	0.24	92	SVI		3	01C	0.83			01C	01C
33	48	0.25	173	FSI		1	01C	0.83			TEH	TEC
33	48	0.19	153	SVI		P1	01C	0.68			01C	01C
33	50	0.16	122	SVI		3	01C	0.88			01C	01C
33	70	1.64	0	PCT	21	P2	AV1	0.00			TEH	TEC
34	48	2.50	0	PCT	27	P2	AV3	-0.03			TEH	TEC
34	52	8.98	179	DNI		P1	05H	47.18			TEH	TEC
34	53	0.79	63	DSI		P1	02H	0.03			TEH	TEC
34	60	0.22	139	SAI		3	TSH	0.48			TSH	TSH
34	70	1.76	0	PCT	24	P2	AV3	0.00			TEH	TEC
35	45	0.47	52	DSI		P1	02H	0.08			TEH	TEC

BEAVER VALLEY UNIT #2
2R08 S/G EXAMINATION RESULTS

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2RCS-SG21A
(TUBES WITH INDICATIONS)

Row	Col	Volts	Phase	Ind	PCT	Chan	Loc	Inch1	Inch 2	Degrees	From	To
35	70	1.58	0	PCT	23	P2	AV3	0.00			TEH	TEC
35	72	1.32	0	PCT	20	P2	AV1	0.00			TEH	TEC
35	72	1.31	0	PCT	20	P2	AV3	0.00			TEH	TEC
36	44	0.52	57	DSI		P1	03H	0.00			TEH	TEC
37	39	0.64	51	DSI		P1	03H	0.03			TEH	TEC
37	42	0.57	72	DSI		P1	03H	0.03			TEH	TEC
38	54	0.33	117	NQI		P1	TSH	1.13			TEH	TEC
39	42	0.45	89	DSI		P1	02H	0.03			TEH	TEC
40	37	0.92	128	DSI		P1	03H	-0.09			TEH	TEC
40	68	2.32	48	PCT	28	P2	AV1	0.00			TEH	TEC
40	68	3.82	48	PCT	35	P2	AV2	0.00			TEH	TEC
40	68	1.98	67	PCT	26	P2	AV3	0.00			TEH	TEC
40	68	2.87	49	PCT	31	P2	AV4	0.00			TEH	TEC
40	69	0.82	0	PCT	13	P2	AV3	0.00			TEH	TEC
44	48	0.71	72	PCT	12	P2	AV1	0.00			TEH	TEC
44	48	0.75	38	PCT	12	P2	AV2	0.00			TEH	TEC
44	55	1.58	0	PCT	20	P2	AV4	0.00			TEH	TEC

ATTACHMENT 4A

BEAVER VALLEY UNIT #2
2R08 S/G EXAMINATION RESULTS

2RCS-SG21A

EOC 8 INSERVICE TUBES
REPAIRED VIA PLUGGING

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(EOC 8 INSERVICE TUBES REPAIRED VIA PLUGGING)

Row	Col	Volts	Phase	Ind	PCT	Chan	Loc	Inch1	Inch2	Degrees	From	To
1	92											
2	44	0.13	138	SCI		P1	TSH	-0.10		124	TSH	TSH
4	44	0.20	86	SAI		3	TSH	0.45			TSH	TSH
5	48	0.15	164	SCI		P1	TSH	0.00		40	TSH	TSH
9	45	0.46	116	MCI		P1	TSH	-0.08		216	TSH	TSH
9	46	0.18	148	SCI		P1	TSH	-0.11		156	TSH	TSH
10	42	0.16	127	MCI		P1	TSH	-0.03		148	TSH	TSH
10	46	0.16	136	SCI		P1	TSH	-0.11		84	TSH	TSH
11	46	0.16	136	MCI		P1	TSH	-0.11		160	TSH	TSH
14	91	3.94	29	DTI		P1	TEC	16.10			TEH	TEC
20	80	0.11	87	SVI		3	TSH	0.06			TSH	TSH
32	50	0.17	101	SVI		3	01C	0.70			01C	01C
33	47	0.24	92	SVI		3	01C	0.83			01C	01C
33	48	0.19	153	SVI		P1	01C	0.68			01C	01C
33	50	0.16	122	SVI		3	01C	0.88			01C	01C
34	60	0.22	139	SAI		3	TSH	0.48			TSH	TSH
38	54	0.33	117	NQI		P1	TSH	1.13			TEH	TEC
40	68	3.82	48	PCT	35	P2	AV2	0.00			TEH	TEC

ATTACHMENT 5

BEAVER VALLEY UNIT #2
2R08 S/G EXAMINATION RESULTS
2RCS-SG21B
TUBES WITH INDICATIONS

BEAVER VALLEY UNIT #2
2R08 S/G EXAMINATION RESULTS

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2RCS-SG21B
(TUBES WITH INDICATIONS)

Row	Col	Volts	Phase	Ind	PCT	Chan	Loc	Inch1	Inch2	Degrees	From	To
1	5	0.61	83	SAI		2	08H	9.85			08C	08H
1	52	0.43	71	DSI		P1	02H	-0.06			08H	TEH
1	57	0.93	45	DSI		P1	04H	-0.06			08H	TEH
2	6	0.28	12	SAI		2	08H	14.04			08C	08H
2	24	0.86	86	DSI		P1	02H	0.00			08H	TEH
2	28	0.66	51	DSI		P1	02H	-0.03			08H	TEH
2	46	0.22	122	MCI		P1	TSH	-0.10		158	TSH	TSH
2	48	0.13	128	SCI		P1	TSH	-0.08		109	TSH	TSH
2	54	0.42	66	DSI		P1	04H	-0.09			08H	TEH
2	63	0.44	70	DSI		P1	04H	-0.03			08H	TEH
3	46	0.22	122	SCI		P1	TSH	-0.09		109	TSH	TSH
3	54	0.67	112	DSI		P1	02H	0.03			08H	TEH
3	60	0.69	72	DSI		P1	02H	-0.06			08H	TEH
3	60	0.53	96	DSI		P1	03H	0.03			08H	TEH
3	61	1.82	34	DSI		P1	02H	-0.09			08H	TEH
3	63	0.91	67	DSI		P1	02H	-0.06			08H	TEH
3	88	0.67	73	DSI		P1	04H	0.00			08H	TEH
4	48	0.51	72	DSI		P1	03H	0.00			08H	TEH
4	48	0.48	74	DSI		P1	03H	0.06			TEH	TEC
4	52	0.75	84	DSI		P1	02H	-0.19			TEC	TEH
4	54	0.49	98	DSI		P1	02H	0.00			TEC	TEH
4	56	0.48	100	DSI		P1	04H	-0.03			TEC	TEH
4	57	0.52	83	DSI		P1	02H	0.06			TEC	TEH
4	57	0.41	96	DSI		P1	04H	-0.06			TEC	TEH
4	58	0.83	92	DSI		P1	02H	-0.03			TEC	TEH
5	9	0.74	109	DSI		P1	02H	0.03			TEH	TEC
5	20	0.93	80	DSI		P1	03H	0.03			TEH	TEC
5	52	0.99	107	DSI		P1	02H	0.03			TEH	TEC
5	56	0.51	65	DSI		P1	03H	0.06			TEH	TEC
5	56	0.55	77	DSI		P1	03H	0.06			TEH	TEC
5	58	0.32	79	DSI		P1	02H	0.06			TEH	TEC
6	15	0.52	74	DSI		P1	03H	0.06			TEH	TEC
6	38	0.40	75	DSI		P1	02H	0.00			TEH	TEC
6	38	0.20	74	SAI		3	TSH	0.05			TSH	TSH
6	48	0.09	112	SCI		P1	TSH	-0.05		186	TSH	TSH
6	52	0.53	105	DSI		P1	02H	-0.09			TEH	TEC
7	9	0.51	103	DSI		P1	02H	0.12			TEH	TEC
7	12	0.68	127	DSI		P1	03H	-0.03			TEH	TEC
7	40	0.23	162	SAI		3	TSH	0.41			TSH	TSH
7	45	0.51	117	SCI		P1	TSH	-0.11		184	TSH	TSH
7	46	0.23	115	MCI		P1	TSH	-0.11		105	TSH	TSH
7	55	0.51	142	SVI		P1	TSH	-0.09			TSH	TSH
7	55	1.05	84	DSI		P1	02H	0.06			TEH	TEC
7	63	0.41	82	DSI		P1	03H	0.06			TEH	TEC
8	9	0.63	77	DSI		P1	02H	0.12			TEH	TEC
8	15	0.72	83	DSI		P1	02H	0.06			TEH	TEC
8	18	0.53	69	DSI		P1	02H	0.00			TEH	TEC
8	18	0.46	70	DSI		P1	03H	0.06			TEH	TEC
8	46	0.34	125	SCI		P1	TSH	-0.07		75	TSH	TSH
8	46	0.20	136	SAI		3	TSH	0.32			TSH	TSH
8	48	0.13	133	SCI		P1	TSH	-0.08		73	TSH	TSH

BEAVER VALLEY UNIT #2
2R08 S/G EXAMINATION RESULTS

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2RCS-SG21B
(TUBES WITH INDICATIONS)

Row	Col	Volts	Phase	Ind	PCT	Chan	Loc	Inch1	Inch2	Degrees	From	To
8	49	0.19	133	SCI		P1	TSH	-0.01		85	TSH	TSH
8	52	0.92	92	DSI		P1	02H	-0.06			TEH	TEC
8	52	0.30	139	SCI		P1	TSH	-0.09		154	TSH	TSH
8	55	0.59	102	DSI		P1	02H	0.00			TEH	TEC
8	75	0.80	60	DSI		P1	02H	0.00			TEH	TEC
9	11	0.73	108	DSI		P1	02H	0.06			TEH	TEC
9	16	0.76	70	DSI		P1	03H	0.00			TEH	TEC
9	17	0.93	78	DSI		P1	02H	0.09			TEH	TEC
9	18	0.92	107	DSI		P1	02H	-0.18			TEH	TEC
9	46	0.34	66	DSI		P1	03H	0.03			TEH	TEC
9	52	0.56	51	DSI		P1	02H	0.09			TEH	TEC
9	59	0.43	53	DSI		P1	03H	0.09			TEH	TEC
10	6	0.72	106	DSI		P1	02H	0.09			TEH	TEC
10	14	0.58	58	DSI		P1	02H	0.09			TEH	TEC
10	17	0.81	109	DSI		P1	02H	0.24			TEH	TEC
10	46	0.23	129	SCI		P1	TSH	-0.04		75	TSH	TSH
10	52	0.97	76	DSI		P1	02H	0.12			TEH	TEC
10	63	0.68	80	DSI		P1	02H	0.03			TEH	TEC
10	89	0.74	76	DSI		P1	02H	0.09			TEH	TEC
11	3	1.12	103	DSI		P1	03H	0.09			TEH	TEC
11	8	0.88	98	DSI		P1	03H	0.06			TEH	TEC
11	18	0.93	72	DSI		P1	02H	0.06			TEH	TEC
11	19	0.79	52	DSI		P1	03H	0.06			TEH	TEC
11	20	0.73	72	DSI		P1	02H	0.03			TEH	TEC
11	60	0.28	77	DSI		P1	02H	0.06			TEH	TEC
11	61	1.00	64	DSI		P1	02H	-0.03			TEH	TEC
11	75	0.98	62	DSI		P1	02H	0.03			TEH	TEC
12	10	0.56	94	DSI		P1	02H	0.12			TEH	TEC
12	15	0.54	120	DSI		P1	03H	-0.12			TEH	TEC
12	22	0.38	115	DSI		P1	02H	0.12			TEH	TEC
12	24	0.40	110	DSI		P1	04H	0.03			TEH	TEC
12	61	0.88	48	DSI		P1	03H	0.09			TEH	TEC
13	16	1.08	96	DSI		P1	02H	0.00			TEH	TEC
13	37	0.65	52	DSI		P1	03H	0.09			TEH	TEC
13	54	0.53	121	DSI		P1	03H	0.03			TEH	TEC
13	55	0.32	151	SVI		P1	TSH	-0.10			TSH	TSH
13	78	0.37	79	DSI		P1	02H	0.03			TEH	TEC
13	86	0.49	72	DSI		P1	02H	0.06			TEH	TEC
14	8	0.47	129	DSI		P1	03H	0.00			TEH	TEC
14	27	0.42	98	DSI		P1	03H	0.06			TEH	TEC
14	32	0.66	114	DSI		P1	02H	0.12			TEH	TEC
14	36	0.57	72	DSI		P1	03H	0.09			TEH	TEC
14	54	0.66	77	DSI		P1	03H	0.06			TEH	TEC
14	61	0.37	102	DSI		P1	02H	0.03			TEH	TEC
14	88	0.47	110	DSI		P1	02H	0.06			TEH	TEC
15	12	0.52	99	DSI		P1	03H	0.09			TEH	TEC
15	26	0.61	89	DSI		P1	03H	0.03			TEH	TEC
15	41	0.17	133	SVI		P1	TSH	-0.31			TSH	TSH
15	52	0.98	63	DSI		P1	02H	-0.06			TEH	TEC
15	52	1.02	81	DSI		P1	02H	-0.06			TEH	TEC
15	87	0.55	72	DSI		P1	02H	0.09			TEH	TEC

BEAVER VALLEY UNIT #2
2R08 S/G EXAMINATION RESULTS

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2RCS-SG21B
(TUBES WITH INDICATIONS)

Row	Col	Volts	Phase	Ind	PCT	Chan	Loc	Inch1	Inch2	Degrees	From	To
16	27	0.54	66	DSI		P1	03H	0.00			TEH	TEC
16	61	0.56	67	DSI		P1	02H	0.00			TEH	TEC
17	34	0.91	73	DSI		P1	02H	0.03			TEH	TEC
17	64	0.41	81	DSI		P1	02H	0.06			TEH	TEC
17	68	0.52	82	DSI		P1	02H	0.03			TEH	TEC
18	12	0.56	59	DSI		P1	03H	0.06			TEH	TEC
18	18	0.80	79	DSI		P1	02H	0.03			TEH	TEC
18	25	0.14	150	SAI		3	TSH	0.22			TSH	TSH
18	32	1.06	98	DSI		P1	02H	0.12			TEH	TEC
18	32	0.14	79	SAI		3	02H	0.06			02H	02H
18	36	0.85	46	DSI		P1	03H	0.00			TEH	TEC
18	57	0.53	88	DSI		P1	03H	0.21			TEH	TEC
18	58	0.84	82	DSI		P1	02H	-0.06			TEH	TEC
18	76	0.60	110	DSI		P1	03H	0.12			TEH	TEC
19	15	0.97	87	DSI		P1	02H	0.18			TEH	TEC
19	36	0.91	64	DSI		P1	02H	-0.12			TEH	TEC
19	85	0.51	87	DSI		P1	02H	0.09			TEH	TEC
20	16	0.49	87	DSI		P1	03H	0.00			TEH	TEC
20	81	0.63	90	DSI		P1	02H	0.09			TEH	TEC
21	54	1.04	47	DSI		P1	02H	0.00			TEH	TEC
22	58	0.86	126	DSI		P1	02H	0.15			TEH	TEC
23	56	0.56	57	DSI		P1	02H	0.03			TEH	TEC
23	86	0.78	0	PCT	13	P2	AV3	0.00			TEH	TEC
24	30	0.30	98	DSI		P1	03H	0.09			TEH	TEC
24	42	1.03	79	DSI		P1	02H	-0.06			TEH	TEC
24	56	1.28	97	DSI		P1	02H	0.03			TEH	TEC
24	62	0.58	59	DSI		P1	03H	0.06			TEH	TEC
25	17	0.54	135	DSI		P1	02H	-0.03			TEH	TEC
26	78	0.42	63	DSI		P1	02H	0.06			TEH	TEC
28	41	0.56	71	DSI		P1	02H	0.03			TEH	TEC
28	81	0.36	72	DSI		P1	02H	0.00			TEH	TEC
29	27	0.90	63	DSI		P1	03H	0.03			TEH	TEC
29	34	0.59	115	DSI		P1	03H	0.18			TEH	TEC
29	37	0.54	55	DSI		P1	03H	0.03			TEH	TEC
29	38	0.49	89	DSI		P1	02H	0.09			TEH	TEC
29	41	0.47	91	DSI		P1	02H	0.00			TEH	TEC
30	32	0.52	111	DSI		P1	03H	0.00			TEH	TEC
30	37	0.92	61	DSI		P1	02H	0.03			TEH	TEC
30	48	0.87	99	DSI		P1	02H	0.03			TEH	TEC
30	79	0.39	55	DSI		P1	02H	0.00			TEH	TEC
31	37	0.76	59	DSI		P1	03H	0.03			TEH	TEC
31	41	1.26	0	PCT	19	P2	AV3	0.00			TEH	TEC
31	59	1.38	94	PCT	20	P2	AV3	-0.15			TEH	TEC
31	59	0.71	32	PCT	12	P2	AV4	0.00			TEH	TEC
32	50	1.10	0	PCT	17	P2	AV2	0.00			TEH	TEC
32	53	1.01	61	DSI		P1	02H	0.09			TEH	TEC
32	55	0.78	44	DSI		P1	02H	0.12			TEH	TEC
32	55	2.33	0	PCT	27	P2	AV3	0.00			TEH	TEC
32	55	1.46	0	PCT	21	P2	AV4	0.00			TEH	TEC
32	55	0.75	119	WAR		2	AV4	0.00			AV4	AV4
32	59	1.54	0	PCT	21	P2	AV3	0.00			TEH	TEC

BEAVER VALLEY UNIT #2
2R08 S/G EXAMINATION RESULTS

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2RCS-SG21B
(TUBES WITH INDICATIONS)

Row	Col	Volts	Phase	Ind	PCT	Chan	Loc	Inch1	Inch2	Degrees	From	To
32	61	0.39	76	DSI		P1	02H	0.09			TEH	TEC
32	77	0.53	75	DSI		P1	02H	0.09			TEH	TEC
33	32	0.67	125	DSI		P1	02H	0.03			TEH	TEC
33	41	1.97	0	PCT	24	P2	AV2	0.00			TEH	TEC
33	41	1.26	0	PCT	19	P2	AV3	0.00			TEH	TEC
33	43	0.32	0	PCT	10	P2	AV2	0.00			TEH	TEC
33	57	1.31	102	PCT	19	P2	AV2	0.00			TEH	TEC
33	62	0.63	72	DSI		P1	02H	0.06			TEH	TEC
33	63	3.11	0	PCT	30	P2	AV2	0.00			TEH	TEC
34	37	0.46	42	DSI		P1	03H	0.06			TEH	TEC
34	50	1.63	0	PCT	22	P2	AV1	-0.09			TEH	TEC
34	50	1.15	0	PCT	18	P2	AV3	0.00			TEH	TEC
34	50	0.26	139	WAR		1	AV1	-0.09			AV1	08H
34	55	0.83	0	PCT	14	P2	AV1	0.00			TEH	TEC
34	55	3.39	0	PCT	32	P2	AV3	0.00			TEH	TEC
34	55	0.53	126	WAR		2	AV1	0.00			AV1	08H
34	57	1.32	0	PCT	19	P2	AV2	0.00			TEH	TEC
35	21	1.11	27	PCT	18	P2	AV3	0.15			TEH	TEC
35	25	1.56	35	PCT	21	P2	AV2	0.00			TEH	TEC
35	25	1.91	46	PCT	24	P2	AV3	0.00			TEH	TEC
35	40	0.59	62	DSI		P1	02H	0.03			TEH	TEC
35	41	1.44	0	PCT	20	P2	AV1	0.00			TEH	TEC
35	41	2.55	0	PCT	28	P2	AV2	0.00			TEH	TEC
35	41	3.06	0	PCT	30	P2	AV4	0.00			TEH	TEC
35	41	0.32	118	WAR		2	AV4	-0.27			AV4	AV4
35	41	0.41	115	WAR		2	AV1	0.00			AV1	08H
35	50	1.09	33	PCT	17	P2	AV1	0.00			TEH	TEC
35	50	1.26	55	PCT	19	P2	AV2	0.00			TEH	TEC
35	50	1.57	37	PCT	21	P2	AV3	0.00			TEH	TEC
35	50	1.08	92	PCT	17	P2	AV4	0.00			TEH	TEC
35	50	0.34	99	WAR		2	AV4	0.00			AV4	AV4
35	50	0.37	111	WAR		2	AV1	0.00			AV1	08H
35	54	0.78	75	PCT	13	P2	AV1	0.00			TEH	TEC
35	54	0.29	122	WAR		2	AV1	0.00			AV1	08H
35	58	0.20	103	DSI		P1	02H	0.09			TEH	TEC
35	63	1.29	0	PCT	18	P2	AV2	0.00			TEH	TEC
35	63	1.57	0	PCT	20	P2	AV3	0.00			TEH	TEC
35	71	1.33	0	PCT	22	P2	AV4	0.00			TEH	TEC
35	71	0.52	134	WAR		2	AV4	0.00			AV4	AV4
36	19	7.59	152	PSI		8	06H	-0.21			TEH	TEC
36	19	1.04	141	CSI		9	06H	0.00			06H	06H
36	41	3.29	0	PCT	31	P2	AV1	0.00			TEH	TEC
36	41	1.63	0	PCT	21	P2	AV2	0.00			TEH	TEC
36	41	3.40	0	PCT	32	P2	AV3	0.00			TEH	TEC
36	41	0.77	121	WAR		2	AV1	0.00			AV1	08H
36	55	0.96	0	PCT	16	P2	AV2	0.00			TEH	TEC
36	56	0.77	118	DSI		P1	02H	0.09			TEH	TEC
36	63	1.19	0	PCT	17	P2	AV2	0.00			TEH	TEC
36	63	1.67	0	PCT	21	P2	AV3	0.00			TEH	TEC
37	29	2.32	0	PCT	26	P2	AV2	0.06			TEH	TEC
37	41	0.47	0	PCT	15	P2	AV2	0.00			TEH	TEC

BEAVER VALLEY UNIT #2
2R08 S/G EXAMINATION RESULTS

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2RCS-SG21B
(TUBES WITH INDICATIONS)

Row	Col	Volts	Phase	Ind	PCT	Chan	Loc	Inch1	Inch2	Degrees	From	To
37	57	0.81	60	DSI		P1	02H	0.06			TEH	TEC
37	57	0.92	23	PCT	15	P2	AV2	0.00			TEH	TEC
37	57	1.66	26	PCT	22	P2	AV4	0.00			TEH	TEC
37	57	0.52	114	WAR		2	AV4	0.00			AV4	AV4
38	35	0.51	120	DSI		P1	02H	-0.06			TEH	TEC
39	70	2.93	0	PCT	30	P2	AV3	0.00			TEH	TEC
41	31	0.43	103	DSI		P1	05H	0.12			TEH	TEC
41	68	1.27	0	PCT	19	P2	AV1	0.09			TEH	TEC
41	68	0.25	112	WAR		2	AV1	0.09			AV1	08H
42	47	1.16	0	PCT	18	P2	AV1	0.00			TEH	TEC
42	47	0.45	131	WAR		2	AV1	0.00			AV1	08H
42	51	0.46	101	DSI		P1	04H	0.06			TEH	TEC

ATTACHMENT 5A

BEAVER VALLEY UNIT #2
2R08 S/G EXAMINATION RESULTS

2RCS-SG21B

EOC 8 INSERVICE TUBES
REPAIRED VIA PLUGGING

BEAVER VALLEY UNIT #2
2R08 S/G EXAMINATION RESULTS

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2RCS-SG21B
(EOC 8 INSERVICE TUBES REPAIRED VIA PLUGGING)

Row	Col	Volts	Phase	Ind	PCT	Chan	Loc	Inch1	Inch2	Degrees	From	To
1	5	0.61	83	SAI		2	08H	9.85			08C	08H
2	6	0.28	12	SAI		2	08H	14.04			08C	08H
2	46	0.22	122	MCI		P1	TSH	-0.10		158	TSH	TSH
2	48	0.13	128	SCI		P1	TSH	-0.08		109	TSH	TSH
3	46	0.22	122	SCI		P1	TSH	-0.09		109	TSH	TSH
6	38	0.20	74	SAI		3	TSH	0.05			TSH	TSH
6	48	0.09	112	SCI		P1	TSH	-0.05		186	TSH	TSH
7	40	0.23	162	SAI		3	TSH	0.41			TSH	TSH
7	45	0.51	117	SCI		P1	TSH	-0.11		184	TSH	TSH
7	46	0.23	115	MCI		P1	TSH	-0.11		105	TSH	TSH
7	55	0.51	142	SVI		P1	TSH	-0.09			TSH	TSH
8	46	0.34	125	SCI		P1	TSH	-0.07		75	TSH	TSH
8	46	0.20	136	SAI		3	TSH	0.32			TSH	TSH
8	48	0.13	133	SCI		P1	TSH	-0.08		73	TSH	TSH
8	49	0.19	133	SCI		P1	TSH	-0.01		85	TSH	TSH
8	52	0.30	139	SCI		P1	TSH	-0.09		154	TSH	TSH
10	46	0.23	129	SCI		P1	TSH	-0.04		75	TSH	TSH
13	55	0.32	151	SVI		P1	TSH	-0.10			TSH	TSH
15	41	0.17	133	SVI		P1	TSH	-0.31			TSH	TSH
18	25	0.14	150	SAI		3	TSH	0.22			TSH	TSH
18	32	0.14	79	SAI		3	02H	0.06			02H	02H

ATTACHMENT 6

BEAVER VALLEY UNIT #2
2R08 S/G EXAMINATION RESULTS
2RCS-SG21C
TUBES WITH INDICATIONS

BEAVER VALLEY UNIT #2
2R08 S/G EXAMINATION RESULTS

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2RCS-SG21C
(TUBES WITH INDICATIONS)

Row	Col	Volts	Phase	Ind	PCT	Chan	Loc	Inch1	Inch2	Degrees	From	To
1	22	0.56	96	DSI		P1	03H	0.03			08H	TEH
2	78	0.59	56	DSI		P1	03H	0.00			08H	TEH
2	85	0.60	34	DSI		P1	03H	-0.03			08H	TEH
3	18	0.54	85	DSI		P1	03H	0.00			TEC	TEH
3	44	0.12	121	SAI		3	TSH	0.28			TSH	TSH
3	60	0.32	70	DSI		P1	02H	0.00			TEC	TEH
3	60	0.45	45	DSI		P1	03H	-0.03			TEC	TEH
3	64	0.42	94	DSI		P1	02H	0.00			TEC	TEH
3	70	0.42	67	DSI		P1	03H	0.00			TEC	TEH
4	76	0.43	61	DSI		P1	03H	0.00			TSC	TEH
4	76	0.65	54	DSI		P1	03H	0.09			TEC	TEH
5	5	0.41	123	DSI		P1	05H	-0.06			TEH	TEC
5	19	1.29	59	DSI		P1	02H	-0.03			TEH	TEC
6	54	0.58	62	DSI		P1	03H	0.09			TEH	TEC
7	43	0.10	126	SCI		P1	TSH	0.00		38	TSH	TSH
7	45	0.21	112	SCI		P1	TSH	0.00		101	TSH	TSH
7	67	0.49	40	DSI		P1	02H	0.06			TEH	TEC
8	23	0.66	73	DSI		P1	02H	0.06			TEH	TEC
9	41	0.55	93	DSI		P1	02H	0.06			TEH	TEC
9	45	0.53	111	DSI		P1	05H	0.06			TEH	TEC
9	46	0.23	46	SCI		P1	TSH	-0.02		274	TSH	TSH
9	46	0.16	99	SAI		3	TSH	0.14			TSH	TSH
10	9	0.51	74	DSI		P1	03H	0.18			TEH	TEC
10	10	0.63	108	DSI		P1	02H	0.00			TEH	TEC
10	37	0.96	79	DSI		P1	02H	0.03			TEH	TEC
10	48	0.12	110	SCI		P1	TSH	-0.06		135	TSH	TSH
11	62	0.56	36	DSI		P1	03H	0.06			TEH	TEC
11	72	0.68	51	DSI		P1	03H	0.06			TEH	TEC
12	83	0.63	56	DSI		P1	03H	0.12			TEH	TEC
13	43	0.49	107	DSI		P1	03H	0.12			TEH	TEC
13	59	0.44	57	DSI		P1	03H	0.15			TEH	TEC
13	63	0.42	74	DSI		P1	02H	0.00			TEH	TEC
14	38	0.73	53	DSI		P1	02H	0.09			TEH	TEC
14	39	0.46	57	DSI		P1	05H	0.03			TEH	TEC
14	50	0.58	118	DSI		P1	02H	-0.09			TEH	TEC
15	14	0.77	120	DSI		P1	03H	0.06			TEH	TEC
15	35	0.71	73	DSI		P1	03H	0.06			TEH	TEC
15	62	0.43	56	DSI		P1	02H	0.09			TEH	TEC
15	80	0.51	90	DSI		P1	03H	0.00			TEH	TEC
16	57	0.62	51	DSI		P1	03H	0.09			TEH	TEC
16	73	0.57	71	DSI		P1	02H	0.06			TEH	TEC
17	47	0.32	62	DSI		P1	03H	0.09			TEH	TEC
17	61	0.68	62	DSI		P1	02H	0.06			TEH	TEC
17	63	0.59	123	DSI		P1	02H	-0.06			TEH	TEC
18	48	0.67	92	DSI		P1	03H	0.03			TEH	TEC
19	35	0.87	75	DSI		P1	03H	0.00			TEH	TEC
19	38	0.97	91	DSI		P1	05H	0.03			TEH	TEC
19	48	0.74	77	DSI		P1	03H	0.12			TEH	TEC
19	57	0.46	72	DSI		P1	05H	0.00			TEH	TEC
21	62	0.64	83	DSI		P1	02H	0.03			TEH	TEC
22	24	0.82	97	DSI		P1	03H	-0.03			TEH	TEC

BEAVER VALLEY UNIT #2
2R08 S/G EXAMINATION RESULTS

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2RCS-SG21C
(TUBES WITH INDICATIONS)

Row	Col	Volts	Phase	Ind	PCT	Chan	Loc	Inch1	Inch2	Degrees	From	To
22	61	0.46	86	DSI		P1	03H	0.12			TEH	TEC
23	28	0.41	76	DSI		P1	03H	0.03			TEH	TEC
23	39	0.73	82	DSI		P1	02H	0.12			TEH	TEC
23	39	0.53	65	DSI		P1	05H	0.03			TEH	TEC
23	42	0.74	100	DSI		P1	03H	-0.03			TEH	TEC
23	69	0.19	40	DSI		P1	03H	0.06			TEH	TEC
24	41	0.47	72	DSI		P1	02H	0.09			TEH	TEC
24	48	1.00	44	DSI		P1	03H	0.12			TEH	TEC
24	50	0.51	76	DSI		P1	02H	0.06			TEH	TEC
25	34	0.65	72	DSI		P1	02H	0.09			TEH	TEC
25	54	0.53	88	DSI		P1	02H	0.03			TEH	TEC
25	65	0.67	75	DSI		P1	02H	0.03			TEH	TEC
26	39	0.47	52	DSI		P1	05H	0.06			TEH	TEC
26	42	0.67	97	DSI		P1	02H	0.06			TEH	TEC
27	20	0.97	68	DSI		P1	02H	0.00			TEH	TEC
28	44	0.48	99	DSI		P1	02H	0.06			TEH	TEC
29	47	0.69	112	DSI		P1	02H	-0.06			TEH	TEC
29	72	0.27	83	SCI		P1	TSH	-0.08		106	TSH	TSH
30	60	0.75	88	DSI		P1	02H	0.03			TEH	TEC
30	61	0.87	58	DSI		P1	02H	0.03			TEH	TEC
34	59	0.77	48	DSI		P1	02H	0.06			TEH	TEC
37	67	1.37	0	PCT	20	P2	AV2	0.00			TEH	TEC
37	67	1.77	0	PCT	23	P2	AV3	0.00			TEH	TEC
40	53	0.51	118	DSI		P1	04H	0.06			TEH	TEC
46	41	8.44	164	PSI		8	02H	-0.27			TEH	TEC

ATTACHMENT 6A

BEAVER VALLEY UNIT #2
2R08 S/G EXAMINATION RESULTS
2RCS-SG21C
EOC 8 INSERVICE TUBES
REPAIRED VIA PLUGGING

BEAVER VALLEY UNIT #2
2R08 S/G EXAMINATION RESULTS

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2RCS-SG21C

(EOC 8 INSERVICE TUBES REPAIRED VIA PLUGGING)

Row	Col	Volts	Phase	Ind	PCT	Chan	Loc	Inch1	Inch2	Degrees	From	To
3	44	0.12	121	SAI		3	TSH	0.28			TSH	TSH
7	43	0.10	126	SCI		P1	TSH	0.00		38	TSH	TSH
7	45	0.21	112	SCI		P1	TSH	0.00		101	TSH	TSH
9	46	0.23	46	SCI		P1	TSH	-0.02		274	TSH	TSH
9	46	0.16	99	SAI		3	TSH	0.14			TSH	TSH
10	48	0.12	110	SCI		P1	TSH	-0.06		135	TSH	TSH
29	72	0.27	83	SCI		P1	TSH	-0.08		106	TSH	TSH