

SHEET INDEX	
CONTENTS	SHEET NO.
SHEET INDEX	1
SUPPORTING INFORMATION	
OPTION INDEX	
TRANSMISSION TEST REQ	
FIG. 1 COIN TRUNK CRT	
FIG. 2 CLASS OF SERVICE TONE INDICATION	
FIG. 3 CUT OFF KEY FOR "A", "I" & "P" LEADS	
FIG. 4 TRANSFER RELAY FOR "A" OR "D", "E" & "F" LEADS	
FIG. A, TEST JACK	
FIG. B, RELAYS FOR DELAY INTERVAL	
FIG. C-	
FIG. D-	
FIG. E-TEST JACK OVERTIME CHARGING	
FIG. F-RELAYS FOR DELAY INTERVAL OVERTIME CHARGING	
FIG. G-LOCAL COIN OVERTIME	
CIRCUIT REQ. TABLES	2
FIG. 51-61	
EQUIPMENT NOTES	3
INFORMATION NOTES	
CIRCUIT NOTES	4
BATTERY VARIATIONS	
WORKING LIMITS	

FIG. G LOCAL COIN OVERTIME

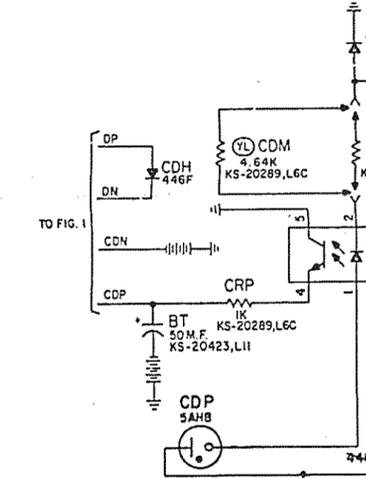


FIG. 4 TRANSFER RELAY FOR A OR D, E & F LEADS

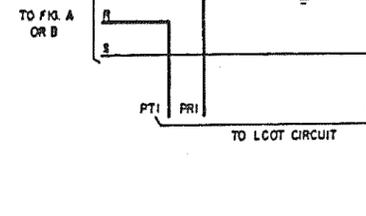


FIG. D

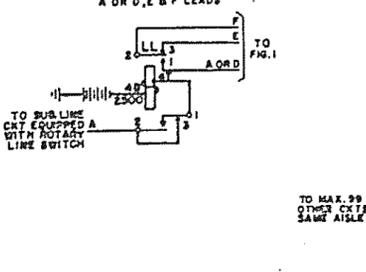


FIG. 2 CLASS OF SERVICE TONE INDICATION



FIG. 1 COIN TRUNK CRT

OPTIONS USED	
FIGS.	APP. OR SECT.
1	1
2	1
3	1
4	1
5	1
6	1
7	1
8	1
9	1
10	1
11	1
12	1
13	1
14	1
15	1
16	1
17	1
18	1
19	1
20	1
21	1
22	1
23	1
24	1
25	1
26	1
27	1
28	1
29	1
30	1
31	1
32	1
33	1
34	1
35	1
36	1
37	1
38	1
39	1
40	1
41	1
42	1
43	1
44	1
45	1
46	1
47	1
48	1
49	1
50	1
51	1
52	1
53	1
54	1
55	1
56	1
57	1
58	1
59	1
60	1
61	1

TRANSMISSION TEST REQUIREMENTS (LINE LOSS BETWEEN 400 OHM TERMINATIONS)

MAX. ALLOWABLE CAT. LOSS (dB)		MAX. ALLOWABLE CRT. LOSS (dB)	
A TO B	B TO A	A TO B	B TO A
0.2	0.2	0.2	0.2
0.3	0.3	0.3	0.3
0.4	0.4	0.4	0.4
0.5	0.5	0.5	0.5
0.6	0.6	0.6	0.6
0.7	0.7	0.7	0.7
0.8	0.8	0.8	0.8
0.9	0.9	0.9	0.9
1.0	1.0	1.0	1.0
1.1	1.1	1.1	1.1
1.2	1.2	1.2	1.2
1.3	1.3	1.3	1.3
1.4	1.4	1.4	1.4
1.5	1.5	1.5	1.5
1.6	1.6	1.6	1.6
1.7	1.7	1.7	1.7
1.8	1.8	1.8	1.8
1.9	1.9	1.9	1.9
2.0	2.0	2.0	2.0
2.1	2.1	2.1	2.1
2.2	2.2	2.2	2.2
2.3	2.3	2.3	2.3
2.4	2.4	2.4	2.4
2.5	2.5	2.5	2.5
2.6	2.6	2.6	2.6
2.7	2.7	2.7	2.7
2.8	2.8	2.8	2.8
2.9	2.9	2.9	2.9
3.0	3.0	3.0	3.0
3.1	3.1	3.1	3.1
3.2	3.2	3.2	3.2
3.3	3.3	3.3	3.3
3.4	3.4	3.4	3.4
3.5	3.5	3.5	3.5
3.6	3.6	3.6	3.6
3.7	3.7	3.7	3.7
3.8	3.8	3.8	3.8
3.9	3.9	3.9	3.9
4.0	4.0	4.0	4.0
4.1	4.1	4.1	4.1
4.2	4.2	4.2	4.2
4.3	4.3	4.3	4.3
4.4	4.4	4.4	4.4
4.5	4.5	4.5	4.5
4.6	4.6	4.6	4.6
4.7	4.7	4.7	4.7
4.8	4.8	4.8	4.8
4.9	4.9	4.9	4.9
5.0	5.0	5.0	5.0
5.1	5.1	5.1	5.1
5.2	5.2	5.2	5.2
5.3	5.3	5.3	5.3
5.4	5.4	5.4	5.4
5.5	5.5	5.5	5.5
5.6	5.6	5.6	5.6
5.7	5.7	5.7	5.7
5.8	5.8	5.8	5.8
5.9	5.9	5.9	5.9
6.0	6.0	6.0	6.0
6.1	6.1	6.1	6.1
6.2	6.2	6.2	6.2
6.3	6.3	6.3	6.3
6.4	6.4	6.4	6.4
6.5	6.5	6.5	6.5
6.6	6.6	6.6	6.6
6.7	6.7	6.7	6.7
6.8	6.8	6.8	6.8
6.9	6.9	6.9	6.9
7.0	7.0	7.0	7.0
7.1	7.1	7.1	7.1
7.2	7.2	7.2	7.2
7.3	7.3	7.3	7.3
7.4	7.4	7.4	7.4
7.5	7.5	7.5	7.5
7.6	7.6	7.6	7.6
7.7	7.7	7.7	7.7
7.8	7.8	7.8	7.8
7.9	7.9	7.9	7.9
8.0	8.0	8.0	8.0
8.1	8.1	8.1	8.1
8.2	8.2	8.2	8.2
8.3	8.3	8.3	8.3
8.4	8.4	8.4	8.4
8.5	8.5	8.5	8.5
8.6	8.6	8.6	8.6
8.7	8.7	8.7	8.7
8.8	8.8	8.8	8.8
8.9	8.9	8.9	8.9
9.0	9.0	9.0	9.0
9.1	9.1	9.1	9.1
9.2	9.2	9.2	9.2
9.3	9.3	9.3	9.3
9.4	9.4	9.4	9.4
9.5	9.5	9.5	9.5
9.6	9.6	9.6	9.6
9.7	9.7	9.7	9.7
9.8	9.8	9.8	9.8
9.9	9.9	9.9	9.9
10.0	10.0	10.0	10.0

FIG. 1 COIN TRUNK CRT

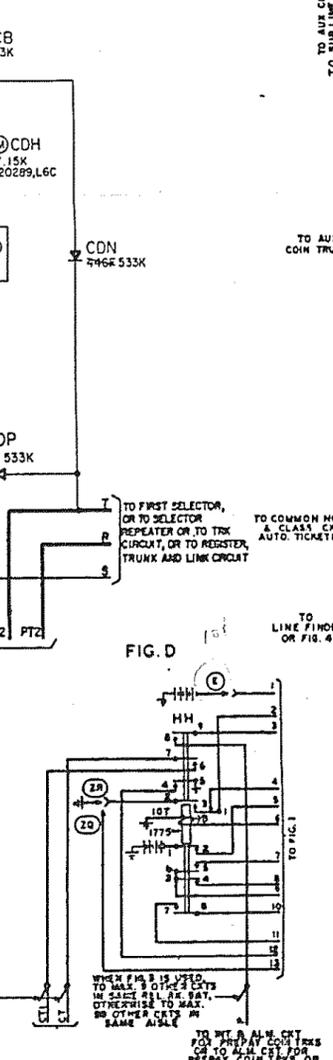


FIG. 2 CLASS OF SERVICE TONE INDICATION

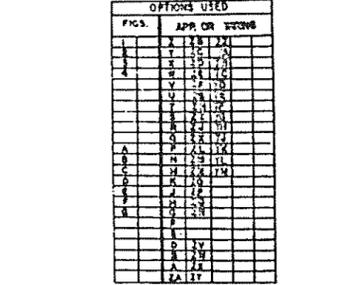
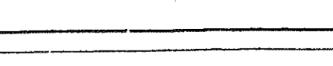


FIG. A TEST JACK

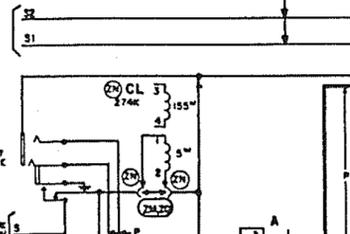


FIG. B RELAYS FOR DELAY INTERVAL



FIG. C



FIG. D

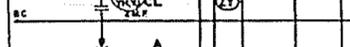


FIG. E TEST JACK OVERTIME CHARGING

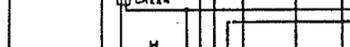


FIG. F RELAYS FOR DELAY INTERVAL OVERTIME CHARGING



FIG. G LOCAL COIN OVERTIME

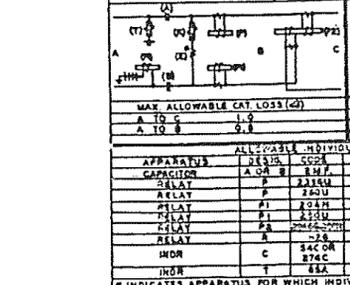


FIG. 3 CUT OFF KEY FOR "A", "I" & "P" LEADS

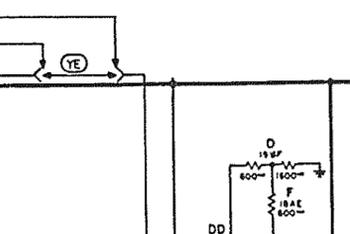


FIG. 51-61

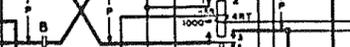


FIG. 52

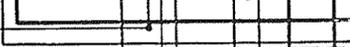


FIG. 53



FIG. 54

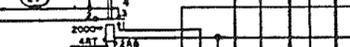


FIG. 55

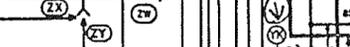


FIG. 56

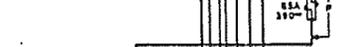


FIG. 57

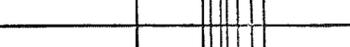


FIG. 58



FIG. 59

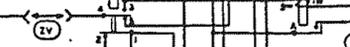


FIG. 60

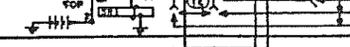


FIG. 61

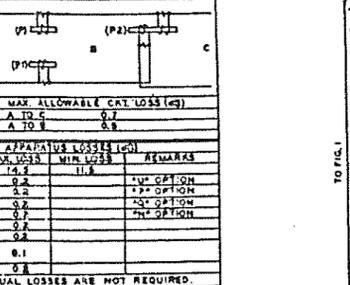


FIG. 51-61

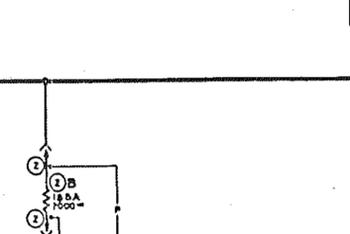


FIG. 52

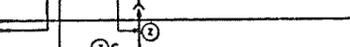


FIG. 53

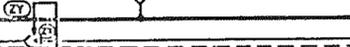


FIG. 54

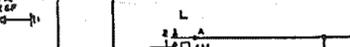


FIG. 55



FIG. 56

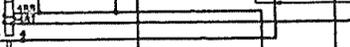


FIG. 57

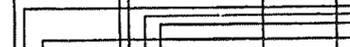


FIG. 58

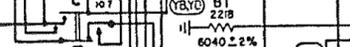


FIG. 59



FIG. 60



FIG. 61

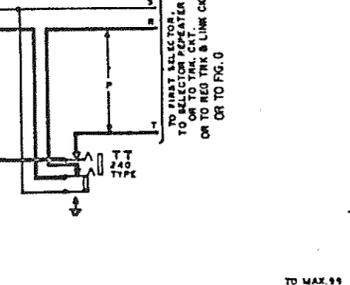


FIG. 3 CUT OFF KEY FOR "A", "I" & "P" LEADS

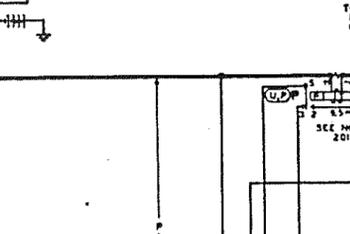


FIG. 51-61



FIG. 52

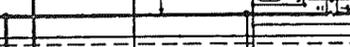


FIG. 53

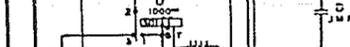


FIG. 54



FIG. 55



FIG. 56

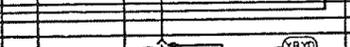


FIG. 57

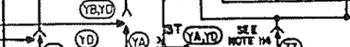


FIG. 58

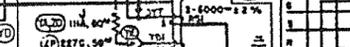


FIG. 59

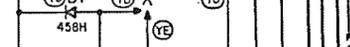


FIG. 60

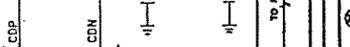


FIG. 61

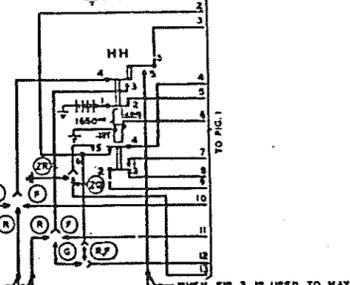


FIG. 51-61

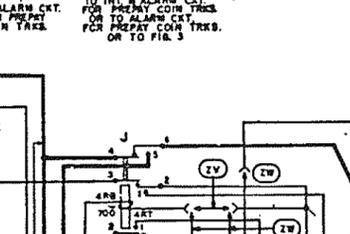


FIG. 52

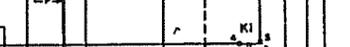


FIG. 53

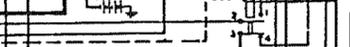


FIG. 54



FIG. 55

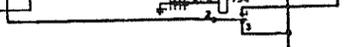


FIG. 56

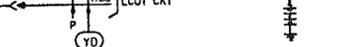


FIG. 57

APPARATUS		MECH. REQ.		CIRCUIT PREPARATION		DIRECT CURRENT FLOW REQ.		REMARKS	PAGE						
DESN.	CODE	OPTN.	CT. PNL.	BSP. PNL.	CONT. PRES.	ARM. TEST.	BLOCK OR INSULATE			TEST CLIP DATA	TEST SET PREP.	SEE TEST NOTE NO.	TEST WDG.	TEST FOR	AFTER SOLE
TEST NOTES:															
1. ARM. NEED NOT TOUCH CORE.															
2. INSERT DUMMY PLUG IN JACK (T).															
3. AFTER (R) RELAY IS ADJUSTED TO MEET PULSE REP REG A-4, APPLY A ZERO LOOP AT 6 PPS TO (R) RELAY & OBSERVE (D) RELAY. IF (D) TENDS TO OPER DURING PULSING OF (R), STIFFEN (D) WITHIN TEST REG. PRIOR TO ISS 208, THIS TEST WAS NOT SHOWN.															
4. INSULATE 2T(B) WHEN "F" OPTION IS USED.															
5. CONN. BAT TEST CLIP TO 3B(C) FOR FIG. A OR E OR TO 1B(T) FOR FIG. B OR F.															
6. STRAP Y6I(BT) TO LBI(BT)															

APPARATUS		MECH. REQ.		CIRCUIT PREPARATION		DIRECT CURRENT FLOW REQ.		REMARKS	PAGE						
DESN.	CODE	OPTN.	CT. PNL.	BSP. PNL.	CONT. PRES.	ARM. TEST.	BLOCK OR INSULATE			TEST CLIP DATA	TEST SET PREP.	SEE TEST NOTE NO.	TEST WDG.	TEST FOR	AFTER SOLE
TEST NOTES:															
1. THESE ADJUSTMENTS REQ ONLY WHEN H OPTION IS USED.															
2. ARM. NEED NOT TOUCH CORE. ARM. TRAVEL IS ± 2.5															
3. CONNECT DIRECT GRD TO 4B(T)															
4. THESE ADJUSTMENTS REQ ONLY WHEN "ZD" OPTION IS USED.															
5. SHORT CIRCUIT SPRINGS 5T-6T(J)															
6. INSERT DUMMY PLUG IN (T) JK.															
7. AFTER (R) RELAY IS ADJ TO MEET PULSE REP REG A-4, APPLY A ZERO LOOP AT 6 PPS TO (R) RELAY & OBS (D) RELAY. IF (D) TENDS TO OPER DURING PULSING OF (R), STIFFEN (D) WITHIN TEST REG. PRIOR TO ISS 208 THIS TEST WAS NOT SHOWN.															
8. APPLY PULSE REP REG "A-4" LIMITS 54-88% BREAK. CONN TEST SET TO (T) JACK FOR IN. & (TT) JK FOR OUT. ACCORDANCE WITH THE BSP.															
9. ST-6T & 3B-4B MAY MAKE															
10. TO MAKE 5T-6T & 3B-4B ONLY.															
11. WITH A 15MIL GAUGE BET. ARM. & CORE, & REL ENERGIZED, SPRINGS 1B-2B & 5B-6B SHALL MAKE & SPRINGS 4T-6T SHALL NOT BREAK.															
12. PRIOR TO ISS 208 THE TEST OPV VALUE FOR (S) REL WAS 44.5 MA & THE READY OPV VALUE WAS 42 MA & NOTE II WAS NOT SHOWN.															

APPARATUS		MECH. REQ.		CIRCUIT PREPARATION		DIRECT CURRENT FLOW REQ.		REMARKS	PAGE						
DESN.	CODE	OPTN.	CT. PNL.	BSP. PNL.	CONT. PRES.	ARM. TEST.	BLOCK OR INSULATE			TEST CLIP DATA	TEST SET PREP.	SEE TEST NOTE NO.	TEST WDG.	TEST FOR	AFTER SOLE
TEST NOTES:															
1. ADJACENT RELAYS SHALL NOT BE ENERGIZED. SEE BSR															
2. INSERT DUMMY PLUG IN JACK (T)															

APPARATUS		MECH. REQ.		CIRCUIT PREPARATION		DIRECT CURRENT FLOW REQ.		REMARKS	PAGE						
DESN.	CODE	OPTN.	CT. PNL.	BSP. PNL.	CONT. PRES.	ARM. TEST.	BLOCK OR INSULATE			TEST CLIP DATA	TEST SET PREP.	SEE TEST NOTE NO.	TEST WDG.	TEST FOR	AFTER SOLE
TEST NOTES:															
1. MAKE TRUNK BUSY AT (T) & (TT) JACKS															
2. MAKE ALL VOLTAGE MEASUREMENTS WITH A 20K OHM/VOLT DC OR HIGHER SENSITIVITY METER, THE KS-14510 METER IS SATISFACTORY.															
3. FORWARD RESISTANCE TEST:															
(1) CONNECT ONE END OF A 5K OHM (1 WATT) RESISTOR TO -48V TERMINAL OF A GROUNDED BATTERY.															
CONNECT THE OTHER END OF THE RESISTOR TO 2T (BT)															
(A) THE VOLTAGE MEASURED BETWEEN 2T (BT) AND GROUND SHALL NOT BE MORE THAN 1.0 VOLT.															
4. REVERSE VOLTAGE TEST															
(1) CONNECT ONE END OF A 0.1 MEGOHM (1/4 WATT) RESISTOR TO 3B(C) (50V DC) FOR FIG. A OR E, TO 1B(T) FOR FIG. B OR F. CONNECT THE OTHER END OF THE RESISTOR TO 2T (BT).															
(A) THE VOLTAGE ACROSS THE 0.1 MEGOHM RESISTOR SHALL NOT BE MORE THAN 0.1 VOLT. TWO SCALE DIVISIONS ON 3V SCALE OF KS-14510 METER.															

APPARATUS		MECH. REQ.		CIRCUIT PREPARATION		DIRECT CURRENT FLOW REQ.		REMARKS	PAGE						
DESN.	CODE	OPTN.	CT. PNL.	BSP. PNL.	CONT. PRES.	ARM. TEST.	BLOCK OR INSULATE			TEST CLIP DATA	TEST SET PREP.	SEE TEST NOTE NO.	TEST WDG.	TEST FOR	AFTER SOLE
TEST NOTES:															
1. ADJACENT RELAYS SHALL NOT BE ENERGIZED. SEE BSR															
2. SHORT CIRCUIT SPRINGS 5T-6T(J)															
3. DO NOT USE CONTACT CLOSURE TEST SET.															

APPARATUS		MECH. REQ.		CIRCUIT PREPARATION		DIRECT CURRENT FLOW REQ.		REMARKS	PAGE						
DESN.	CODE	OPTN.	CT. PNL.	BSP. PNL.	CONT. PRES.	ARM. TEST.	BLOCK OR INSULATE			TEST CLIP DATA	TEST SET PREP.	SEE TEST NOTE NO.	TEST WDG.	TEST FOR	AFTER SOLE
TEST NOTES:															
1. THESE ADJUSTMENTS REQ ONLY WHEN H OPTION IS USED.															
2. ARM. NEED NOT TOUCH CORE. ARM. TRAVEL IS ± 2.5															
3. CONNECT DIRECT GRD TO 4B(T)															
4. THESE ADJUSTMENTS REQ ONLY WHEN "ZD" OPTION IS USED.															
5. SHORT CIRCUIT SPRINGS 5T-6T(J)															
6. INSERT DUMMY PLUG IN (T) JK.															
7. AFTER (R) RELAY IS ADJ TO MEET PULSE REP REG A-4, APPLY A ZERO LOOP AT 6 PPS TO (R) RELAY & OBS (D) RELAY. IF (D) TENDS TO OPER DURING PULSING OF (R), STIFFEN (D) WITHIN TEST REG. PRIOR TO ISS 208 THIS TEST WAS NOT SHOWN.															
8. APPLY PULSE REP REG "A-4" LIMITS 54-88% BREAK. CONN TEST SET TO (T) JACK FOR IN. & (TT) JK FOR OUT. ACCORDANCE WITH THE BSP.															
9. ST-6T & 3B-4B MAY MAKE															
10. TO MAKE 5T-6T & 3B-4B ONLY.															
11. WITH A 15MIL GAUGE BET. ARM. & CORE, & REL ENERGIZED, SPRINGS 1B-2B & 5B-6B SHALL MAKE & SPRINGS 4T-6T SHALL NOT BREAK.															
12. PRIOR TO ISS 208 THE TEST OPV VALUE FOR (S) REL WAS 44.5 MA & THE READY OPV VALUE WAS 42 MA & NOTE II WAS NOT SHOWN.															

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COIN TRUNK CIRCUIT
BELL TELEPHONE LABORATORIES, INC.SD-31592-02-2
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