

SHEET INDEX

Table with columns for CONTENTS, SHEET NO., and ISSUE NO. (1-50). Rows include SHEET INDEX, APPARATUS INDEX, PART OF FS 1-4, APP FIG. 1-2, CIRCUIT NOTES, SC 1-25, and SHEET NO. A1-E4.

CONT ON SHEET A2

SUPPORTING INFORMATION

Table with columns for CATEGORY and NO. containing details for 756A PBX CABLING DIAGRAM, 756A PBX FEATURE CABLE, and EQUIPMENT INFORMATION.

SHEET INDEX NOTES

- 1. WHEN CHANGES ARE MADE IN THIS DRAWING, ONLY THOSE SHEETS AFFECTED WILL BE REISSUED.
2. THIS SHEET INDEX WILL BE REISSUED AND BROUGHT UP TO DATE EACH TIME ANY SHEET OF THE DRAWING IS REISSUED...
3. THE ISSUE NUMBER ASSIGNED TO A CHANGED OR NEW SHEET WILL BE THE SAME ISSUE NUMBER AS THAT OF THE SHEET INDEX.
4. SHEETS THAT ARE NOT CHANGED WILL RETAIN THEIR EXISTING ISSUE NUMBER.
5. THE LAST ISSUE NUMBER OF THE SHEET INDEX IS RECOGNIZED AS THE LATEST ISSUE NUMBER OF THE DRAWING AS A WHOLE.

Vertical table on the right side of the page listing DWG ISSUE, CD ISSUE, DATE ISSUED, and various initials and dates.

SD-65752-01-A1

Bottom right section containing drawing title 'PBX SYSTEMS NO. 756A TWO-WAY TRUNK CIRCUIT TO CENTRAL OFFICE', drawing number 'SD-65752-01-A1', and other technical details.

APPARATUS INDEX

DESIG	LOCATION		
	FS	APP FIG.	EQPT
RELAYS			
AC ACA	1B6 1A7		↑
BY	3A2		
CT	1G9		
DR	1F4		
FF	1A2		
H HD HM IC(0-9)	1D8 2G4 2E3 4B6		6 SLIDE 5
MC N NI P	2G3 2C3 1B8 1E3		
R RI RS RT	1D8 2C4 3C2 1G2		
S SI SEO-9 SL SR	1D6 1C2 4B1 2A3 1C7		2 SLIDE 5
TLA TT	3E2 3D2		↓ SLIDE 5

CAPACITORS			
A	1E4		SLIDE 5
FB	1E2		
R RV S TN	1E9 1E3 1D6 1G7		

DIODES			
A B C D DR F FF G H J K KO-9 L M N R RS SA,SB	1E2 1D3 1D8 1E9 1F3 2A2 4E1 2A3 1B7 1B7 1A7 1A7 3F2 1G4 1G2 4G2 3C2 2C5		5 SLIDE 5

DESIG	LOCATION		
	FS	APP FIG.	EQPT
INDUCTORS			
H HI	1D5 1E5, 1F5		
JACKS			
T	4A4	3	
LAMPS			
L	4B4	2	
LAMPS, RESISTANCE			
SLO-9	4B1	2	
RESISTORS			
B BF	1D3 1F7		SLIDE 5
CS	2B2		
H HS	1E7 1E6		
L LS	3D8 1E6		
PD R S SH SLO-9 T	2A4 4F2 3C8 2B4 4C1 3B8		5 1 2 SLIDE 5

THERMISTORS			
R TI	1E8 4F1		5 SLIDE 5

TRANSISTORS			
Q1	4F1	5	SLIDE 5

VARISTORS			
E	1E9		SLIDE 5

LEAD INDEX

DESIG	FS LOC
CORDLESS POS CKT	
ACA	5E2
BAT	4B7
BT	3E8
BZ	3E8
BZ(0-9)	3F8
CO	4C7
COA	4C7
CS	4C7
FB	2G7
H	2E7
HD	2G7
HG	2F7
HM	2E7
IC1	4B7
IC2	4C7
L	3D8
LR	1B4
LT	1B4
NT	3G2
RC	4F7
SL1	3C8
SL2	3C8
SP	2G7
SR	2F7
SS	4E7
T	3G8
TC	4F7
TL1	3B8
TL2	3B8
TR	1B4
TT	1B4
U	3G8
W	3F2

MKR CLASS OF SERVICE CKT	
BY(E,O)	3B1
FF(E,O)	1A1
NT	3G1
RLS(E,O)	2G1
RS(E,O)	3C1
RT(E,O)	1H2
TLA(E,O)	3E1
TT(E,O)	3D1

ALM TRFR AND TST CKT	
NC(0-9)	5G2
NCA(0-9)	5G1
ON(0-9)	5G2
NS(E,O)	2C2
IT(9-)	2G2
ITC(9-)	2G2
R	1F9
T	1D9

MKR LINK TEST CKT	
CW	2A1

DESIG	FS LOC
POWER SUPPLY CKT	
BT	1G6
CR	3F4
F(1,2)	3D4
FC(1,2)	3D3, 3E3
FF(1,2)	3E4
FT	3E4
RI	1H2
RG GRD	1H1
SF(1,2)	3C4

MKR TRK HOLD MAG CKT	
IT(90-99)	2F1
M(E,O)	2E1
ST(90-99)	2F1

MKR LINK CKT	
R	1F1
S	2B1
T	1D1

MKR UNITS SEL CKT	
U(0-9)	3G4

MKR TENS SEL CKT	
TR(0,1)	3G4

CORD SWITCHBOARD	
L	4B3, 4C3
R	4B3, 4C3
S	4B3, 4C3
SL	4B3, 4C3
T	4B3, 4C3

608A CORD SWBD ALX SIG, FA, BCO & MISC CKT	
NA	2B5

608D CORD SWBD ALX SIG FA, BCO & MISC CIRCUIT	
NA	2B5

DESIG	FS LOC
DIAL PULSE REG.	
LD	2H3

AUX POSITION CKT	
ACA	5F1
HD	5F5
HDI	5F5
LO	5E5
RTK	5F8

STA DIA TRFR CONTROLLER CKT	
AAA	5D5
AAB	5C5
CG	5C5
ER	5B2
FL1	5C9
FL2	5C9
FR	5A2
GR	5B2
LL	5C9
MC	5A5
MTR	5B9
PA	5B5
PB	5B5
RBA	5B2
RBS	5B2
RCA	5C2
RLR	5A9
RS	5D2
SG	5C5
SR	5A2
TBA	5C2
TBS	5C2
TCA	5D2
TL	5C9
TP-	5D9
TT	5D2
U	5B9

STATION MESSAGE REG PULSE AND SURCHARGE CKT	
H	6C0
RI	6E0
R2	6E0
SI	6C0
SR	6B0
SSI	6D0
SS2	6D0

AUX LONG LINES CKT FOR TOUCH-TONE CONVERSION	
R	1F9
T	1D9

MB & BY DISPL CKT	
IT	2H2
ITB	1H2
ITT	2H2

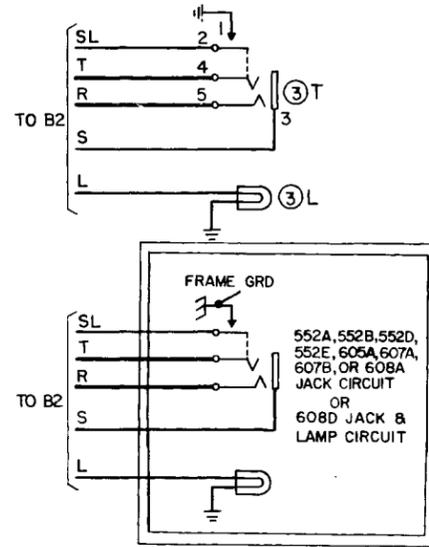
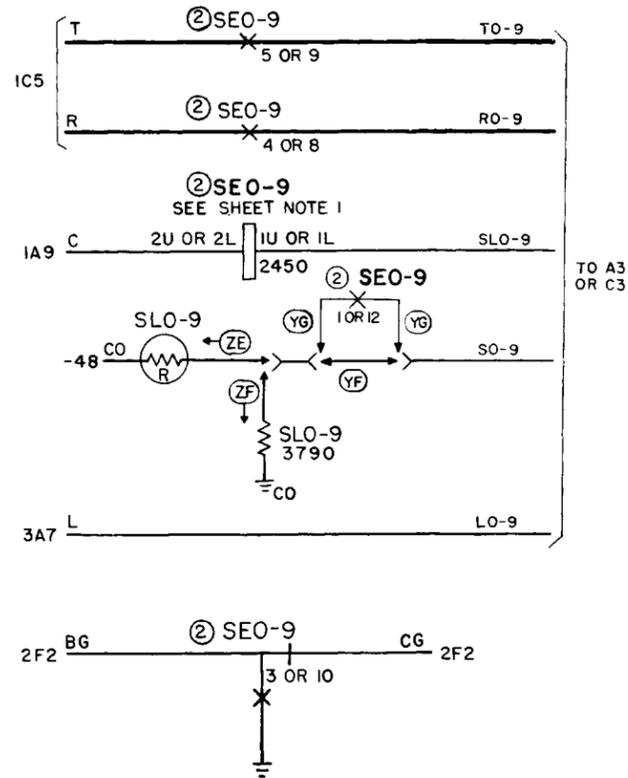
OPTION INDEX

APP OR WIRING	LOCATION	APP OR WIRING	LOCATION
2	APP FIG. 2, 1A7, 1A9, 1C5, 3B7, 4A1, 4B1, 4D1	YD	2C5
3	APP FIG. 3, 4A4, 4B4	YE	2C5
4	APP FIG. 4, 4C4	YF	4C1
5	APP FIG. 5, 1B2, 4E1	YG	4C1
6	APP FIG. 6, 1D1, 1E1, 2H6, 4B6, 4C6	YH	APP FIG. 1
Z	1B8	YI	4B5, 4C5
Y	1A8	YJ	APP FIG. 1
X	1A7	YK	4B7
W	2F7	YL	2F3, 3C2,
V	2F2	YM	1F2-1F9, 2A2, 2B2, 2F3, 3C2, APP FIG. 1, 4B5, 5F2, 5G4
T	2F2	YN	APP FIG. 2
S	1E7	YO	APP FIG. 1
R	1E7	YP	2F2, 2G2
Q	1E7	YQ	2G3
P	1B1, 1D1, 1F1, 1F3, 2B3, 2C2, 3A2-3E6	YR	2F2, 2F3
N	1E3, 2A3, 2E4, 3B2, 3D2, 3E2	YS	2G2
M	1E3, 2A3, 2E4, 3B2, 3D2, 3E2	YT	1H1, 2G2
K	2F2	YU	2E5
J	2F2	YV	2E5
I	2G7	YW	APP FIG. 1
H	1D9, 1F9, 2F6, 1G2, 1F2-1F9, 2B2, 2C3, 2F6, 3C3, 5F2, 5G4	YX	APP FIG. 1,
G	3E2	YY	1G1, 1G2, APP FIG. 1
F	APP FIG. 1	YZ	1G1, 3C2, APP FIG. 1
E	3E2	XA	1A8, 1B8, 2G4, 2G5, APP FIG. 1
D	APP FIG. 1	XB	1A8, 1B2, 1B8, 1C1, 1E2, 1E4, 1E5, 1F4, 1F6, 2G4, 2G5, 3A3, 3C1
C	3E2		
B	APP FIG. 1		
A	APP FIG. 1		
ZA	2F7		
ZB	2F7		
ZC	3F7		
ZD	3F7		
ZE	4B1, APP FIG. 2		
ZF	4C1, APP FIG. 2		
ZG	1B1-1F6		
ZH	APP FIG. 1, 3C2		
ZI	1B1-1H6		
ZJ	APP FIG. 1, 3C2		
ZK	1F2-1F9, 2A2, 2B2		
ZL	2C3, 2F6, 3C2, 3C3, APP FIG. 1, 4B5, 5F2, 5G4		
ZM	1F6		
ZN	1A7		
ZO	2G3		
ZP	1E3		
ZQ	2G3		
ZR	2F2		
ZS	3F5		
ZT	3F5		
ZU	1B2		
ZV	1F3		
ZW	1F3, APP FIG. 1		
ZX	1A2-1G5, 2C6, 2G6, 3C8, 3F4, 3F6		
ZY	1A2-1G6, 2C6, 2E6, 2G6, 2H4, 3C1 - B8		
ZZ	5F2, 5F5, 5G5		
YA	5F1, 5F8, 5H1, 5G5		
YB	4B5, 4C5, 4C6		
YC	1H7, 2B4, 2C5		
	1C7, 1H7, 2B4, 2C4, 2F3, 2C7		

DRAWING ISSUE
 1 1R
 28 5D
 3B 5C
 4A 1B
 5B 1A
 7B 1A
 8D 1A
 11D 1A
 13D MR
 14B VS
 15B JTS
 16B VCA
 17D MME
 18D WSA
 19D SAK
 20AC SAK
 21B CED
 WORN TRACING REDRAWN WITHOUT CHANGE ROZ/ 8-24-66
 22D PJS
 24AC PJS
 25D EMH
 26AC BMM
 28B EMH

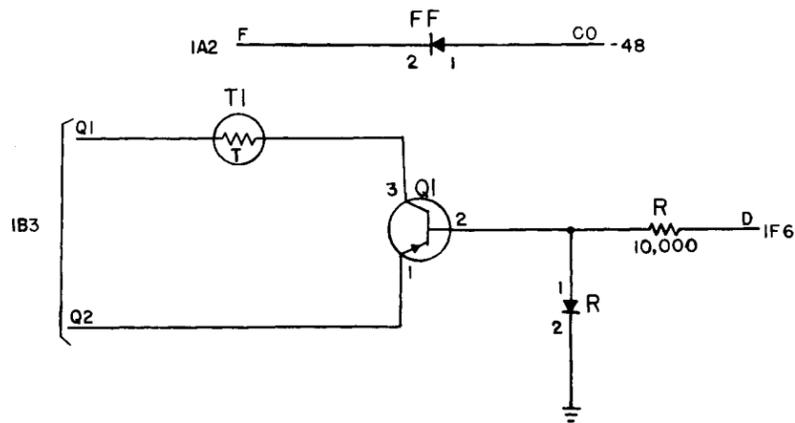
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FS 5
RELAY AND JACK CKT FOR TRUNK
APPEARANCE AT CORD SWITCHBOARD

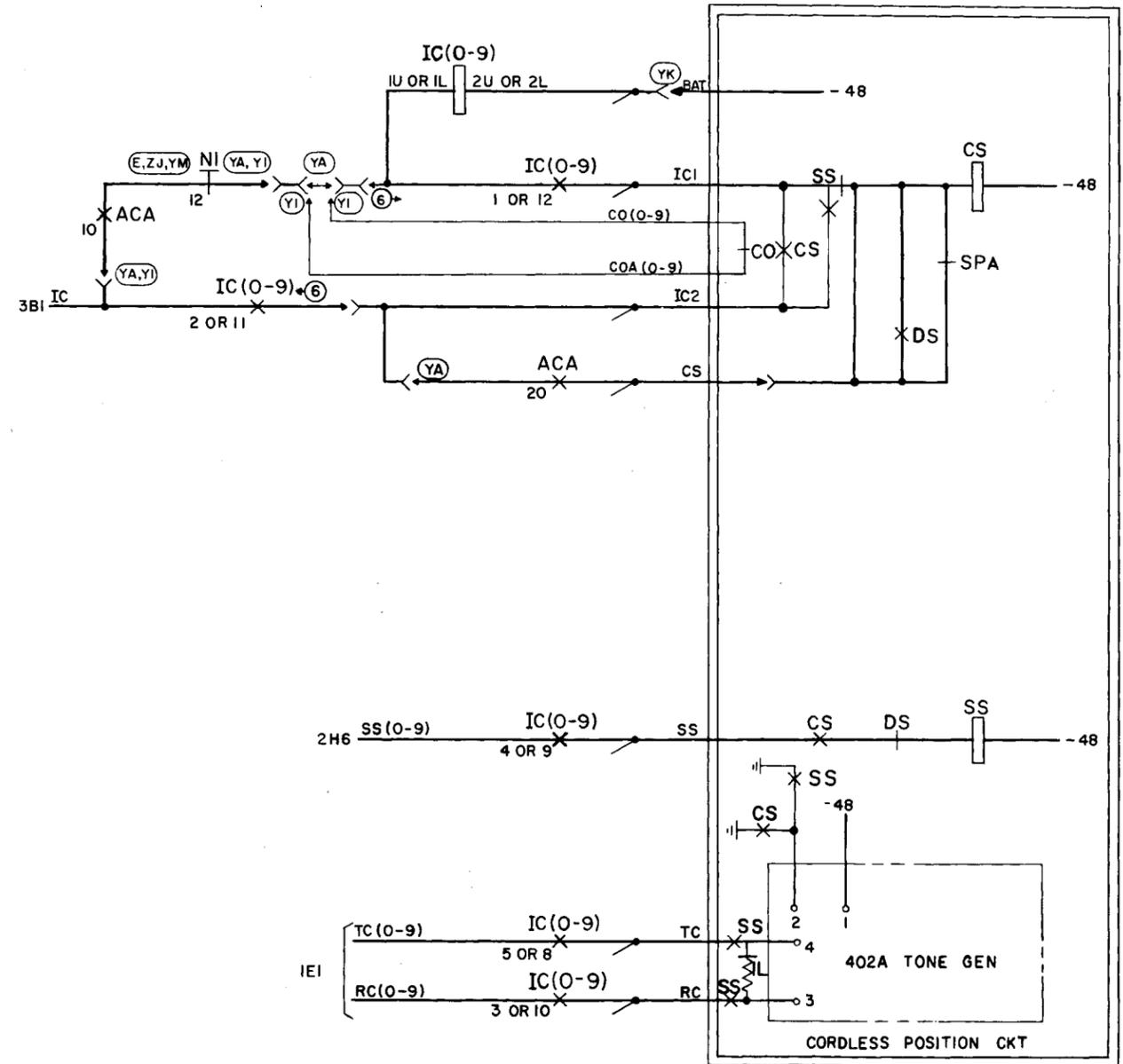


FS 6

FALSE RECALL DETECTOR CIRCUIT
(REQUIRED WHEN TRUNK IS CONNECTED
TO A PANEL CENTRAL OFFICE - SEE
SHEET NOTE 2)



FS 7
INDICATION OF CAMPED-ON
CALL TO BUSY LINE
SEE NOTE 3



SHEET NOTES:

- RELAYS SEO, 2, 4, 6, 8 ARE ASSOCIATED WITH EVEN NUMBERED CIRCUITS, RELAYS SEI, 3, 5, 7, 9 ARE ASSOCIATED WITH ODD NUMBERED CIRCUITS.
- EQUIPMENT TO BE MOUNTED LOCALLY.
- SPRINGS 1 TO 5 WITH COIL TERMINALS 1L AND 2L APPLY TO LOWER RELAYS (IC0, 2, 4, 6 AND 8). SPRINGS 8 TO 12 WITH COIL TERMINALS 1U AND 2U APPLY TO UPPER RELAYS (IC1, 3, 5, 7, AND 9).

PBX SYSTEMS
TWO WAY TRUNK CIRCUIT
TO CENTRAL OFFICE

SD-65752-01-B4

BELL TELEPHONE LABORATORIES
INCORPORATED

6S

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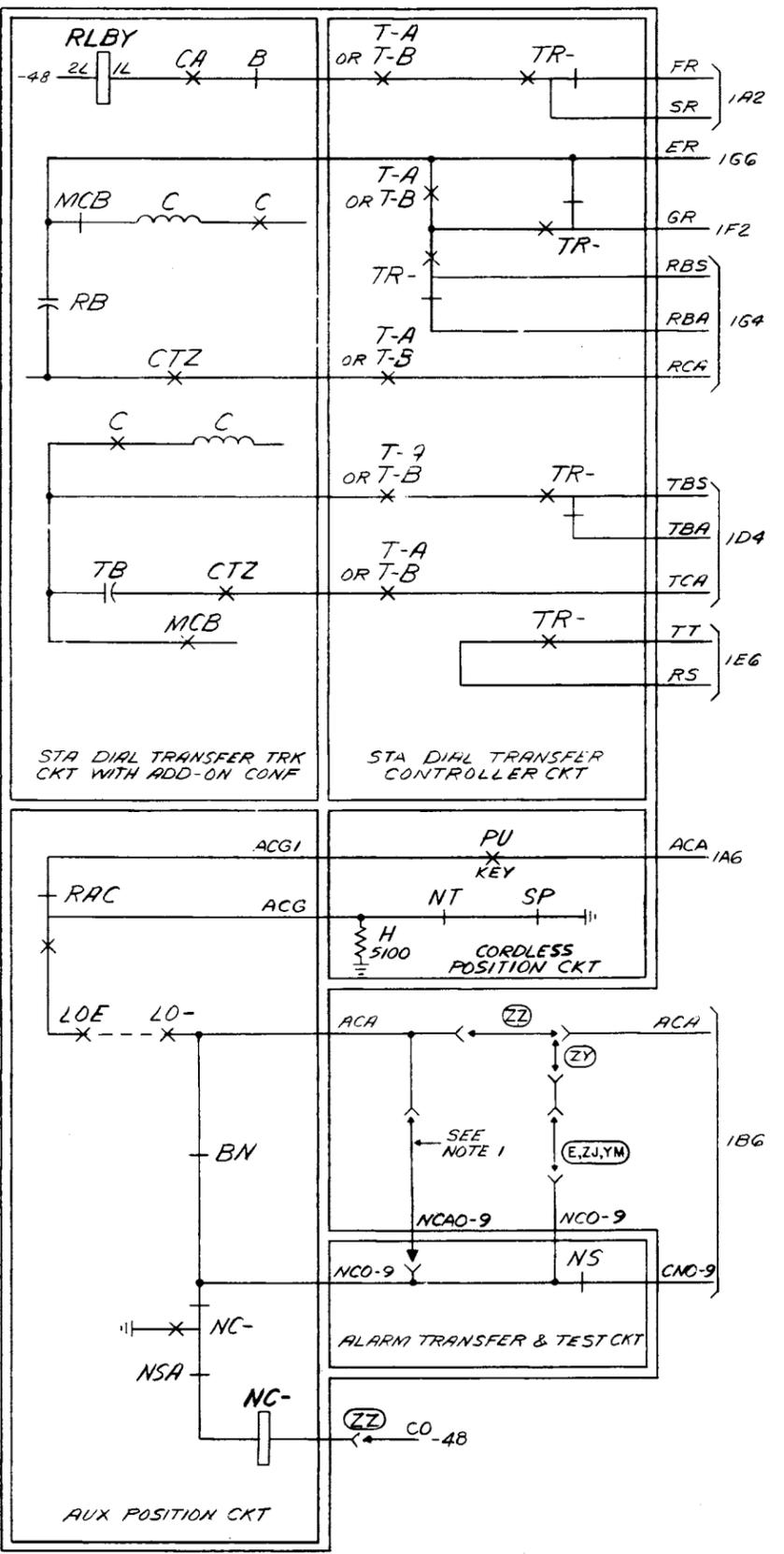
DRAWING	ISSUE
11D	1
16B	1
17D	1
19D	1
20A	1
21B	1

21

SD-65752-01-B4

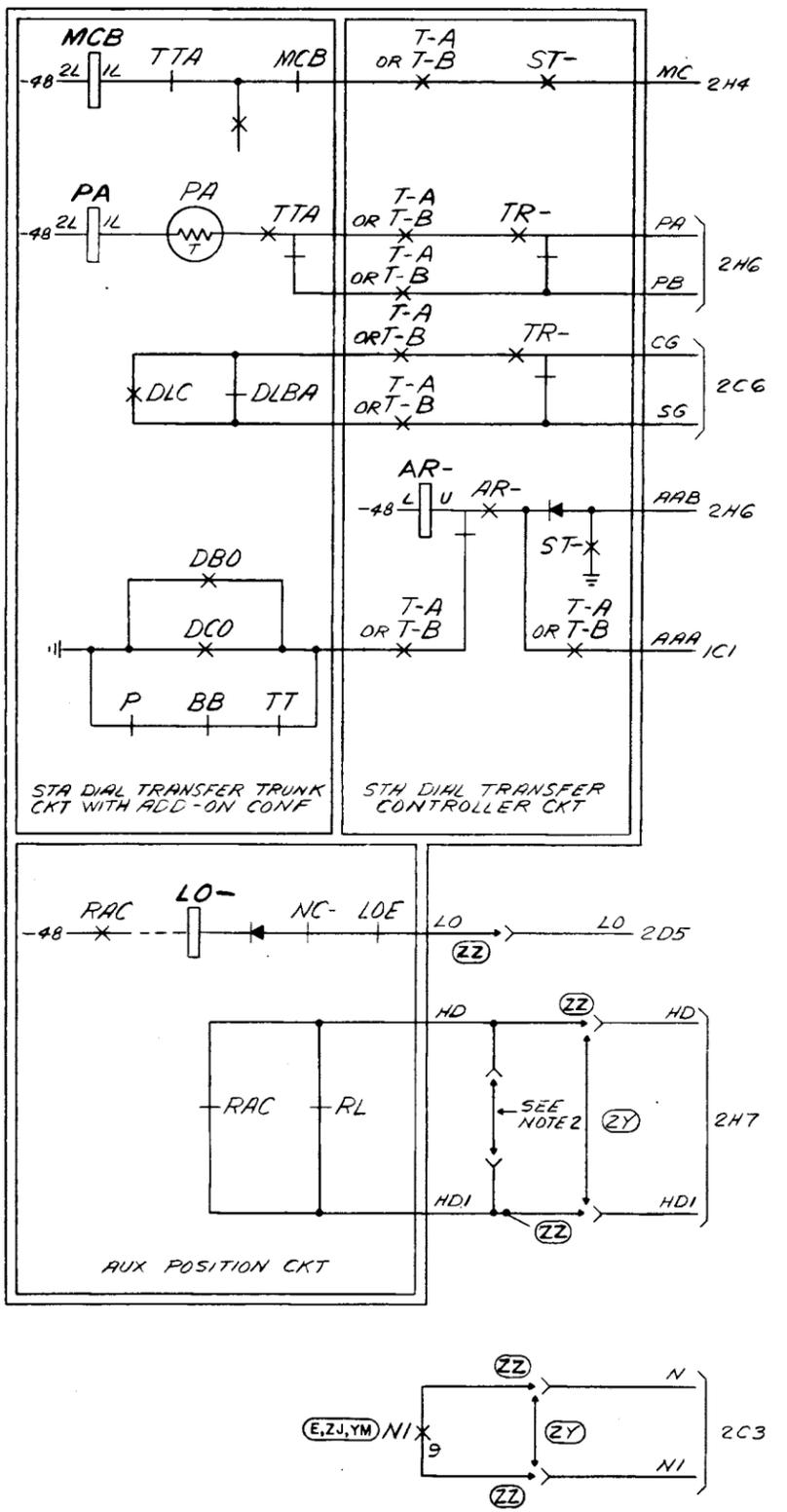
PART OF FS 1

TIP AND RING CONTROL
(SEE NOTE "A" FOR MULTIPLE DESIGNATIONS)



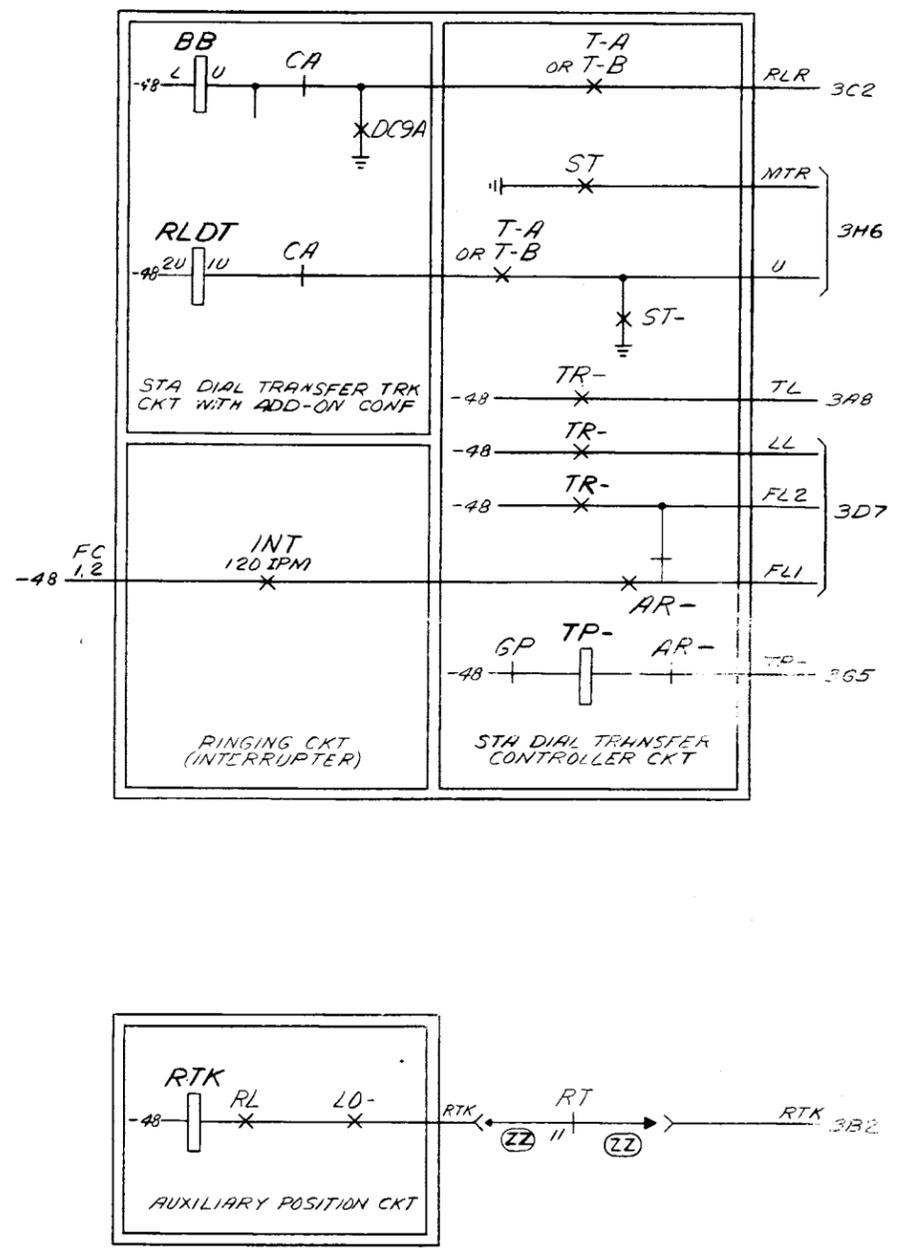
PART OF FS 2

SLEEVE AND HOLD MAGNET CONTROL
(SEE NOTE "A" FOR MULTIPLE DESIGNATIONS)



PART OF FS 3

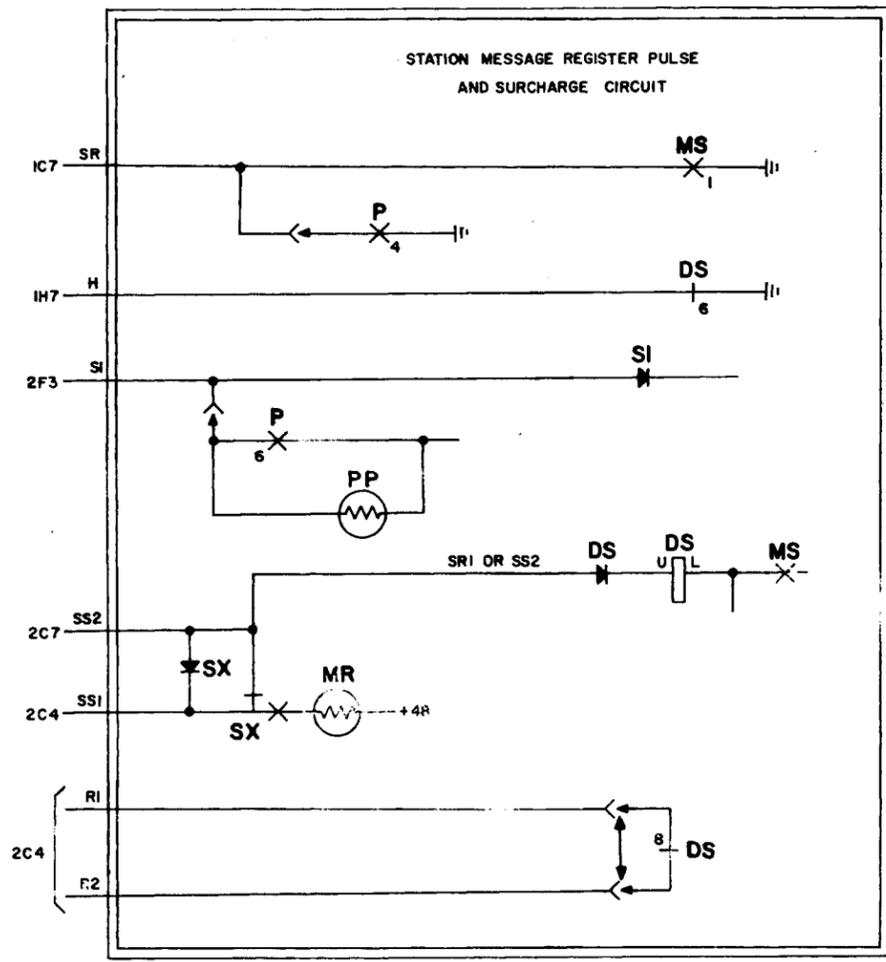
CLASS OF SERVICE
(SEE NOTE "A" FOR MULTIPLE DESIGNATIONS)



- SHEET NOTES:**
- LEADS NCAO-9 ARE REQUIRED WHEN AUXILIARY POSITION CIRCUIT IS NOT PROVIDED AND THESE LEADS ARE PROVIDED BY STRAPPED PLUG IN CROWN.
 - STRAP BETWEEN LEAD HD AND LEAD HDI IS REQUIRED WHEN AUXILIARY POSITION CIRCUIT IS NOT PROVIDED AND STRAP IS PROVIDED BY STRAPPED PLUG IN CROWN.

PART OF FS2
SLEEVE AND HOLD MAGNET CONTROL

DRAWING
ISSUE
18D SAK
21B SAK
CED
GEH



SD-65752-01-B6

21

PBX SYSTEMS		SD-65752-01-B6
TWO WAY TRUNK CIRCUIT TO CENTRAL OFFICE		
BELL TELEPHONE LABORATORIES INCORPORATED	6S	PRINTED IN U.S.A.

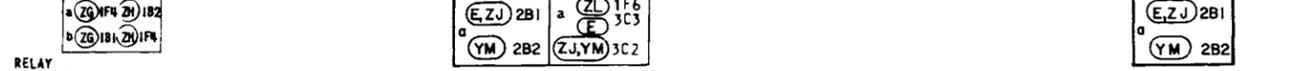
APP FIG. 1

DRAWING ISSUE
 1 SL
 2B
 3B
 4A
 5B
 7B
 8D
 10D
 11D
 16B
 17D
 21B
 22D
 23D
 24C
 25D
 26C
 28B

W.S.
 P.A.
 W.L.
 T.E.
 T.E.
 T.E.
 R.D.
 E.A.
 F.S.
 V.C.
 P.O.
 D.H.C.
 A.R.M.
 C.E.D.
 H.H.
 R.H.P.
 B.C.M.
 S.A.K.
 R.H.P.
 T.E.F.
 R.H.P.
 B.M.W.
 F.U.S.
 L.D.J.
 B.M.W.
 F.U.S.
 L.D.J.
 B.M.W.
 F.U.S.
 L.D.J.

RELAY

DESIG	AC	BY	BY	CT	DR	R1	FF	HO	HM	DESIG	
CODE	AF139	F51895	AG33	AG16	AK8	AJ15		AJ15	AF100	CODE	
OPTION	Q		P						OPTION		
	CONT	LOC	CONT	LOC	CONT	LOC	CONT	LOC	CONT	LOC	
	ARR		ARR		ARR		ARR		ARR		
12			EM	1F3			M	3F5	EBM	1A8	12
11							M	2A2	EBM	3F5	11
10	M	2G7					M	1C7	EBM	1F2	10
9	B	a	B	3E6	M	3E6			EBM	1E6	9
8	EBM	b	EBM	2B2	EBM	3C6	EBM	1F7	EM	3E5	8
7	B	2G6	B	1D1	B	1D1	B	2F3	EBM	2B2	7
6	EBM	1A6	B	1F1	EBM	2B2	EBM	1D7			6
5	B	2F6	BM	3C6	B	1F1	B	a	EM	2D5	5
4	EBM	2E6	EBM	2B3	EBM	2B3	M	1G8	EBM	3B7	4
3	B	1D4							EBM	1A9	3
2			M	3B2	M	3B2			EBM	1A9	2
1			M	1B1	M	1B1			EBM	1F3	1
COIL	1B6		3B2	3B2	1G9	1F4	2C4	1A2	2G5	2E3	COIL



RELAY

DESIG	S1	SL	SL	SR	TLA	TLA	TT	DESIG			
CODE	AG34	AK9	F51877	AG34	AK9	F51877	AJ12	CODE			
OPTION	M		N	N		N		OPTION			
	CONT	LOC	CONT	LOC	CONT	LOC	CONT	LOC			
	ARR		ARR		ARR		ARR				
12	M	1A7			M	3B6	M	3E2	EBM	2E3	12
11	M	3C6			M	1G1			EBM	3F5	11
10	EBM	2F3			EBM	2F3	B	2E4	EBM	1D5	10
9									EBM	3F6	9
8	EBM	3D7			EBM	1F2	BM	1E2	EBM	3B5	8
7									EBM	2G5	7
6	EBM	3B6			EBM	a			EBM	1E5	6
5									EBM	1E7	5
4	EBM	2D6	B	3B2	EBM	1G8			EBM	1A9	4
3							B	2E4	EBM	3C5	3
2	EBM	1E7	M	2E4	EBM	1E7	BM	1E2	EBM	1H2	2
1	M	1G8			M	1B2	M	3E2	EBM	3D2	1
COIL	1C2	2B3	2B3		1C7	3E2	3E2	3D2			COIL



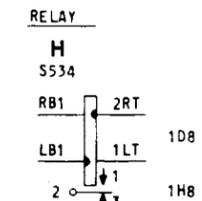
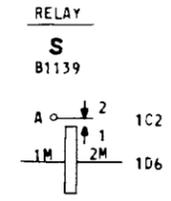
RELAY

DESIG	MC	N	NI	P	R	RS	RS	RS	RT	DESIG	
CODE	AJ56	AK7	AJ28	AJ48	AJ15	AJ3	AG53	AJ58		CODE	
OPTION	E,Z,J,Y,M		E,Z,J,Y,M		ZH	ZG	XB			OPTION	
	CONT	LOC	CONT	LOC	CONT	LOC	CONT	LOC	CONT	LOC	
	ARR		ARR		ARR		ARR		ARR		
12	EM	3C1	EBM	4B5	EM	1D5	EBM	1D6	EM	1H2	12
11	BM	1H1	EBM	1D9	M	1D7	EBM	2F7	BM	2F7	11
10	M	1A2	EBM	1F9	EBM	3C4	M	3E5	EBM	1D1	10
9	PMBE	2E3	EM	5G4	M	1H1	EBM	1A8	M	1A8	9
8	EM	2F3	EM	1B8	EBM	2E4	M	2E5	EBM	2F6	8
7	B	1G1							EBM	1F5	7
6	M	3B1			EM	1A9	M	2D5	EBM	2B2	6
5	B	1E3	EM	2D3	M	2G4	EBM	3C1	M	3C1	5
4	PMBE	2G3	EM	a	EBM	1G9	M	1G8	EBM	3C6	4
3	M	3D1	EBM	2F6	M	1F7	EBM	2G5	EBM	3C5	3
2	PBEM	3G1	EBM	1F2	EBM	1F8	EBM	1F2	EBM	1F2	2
1	M	3E1	EBM	b	M	1E3	EBM	2E6	BM	2E6	1
COIL	2G3	2C3	1B8	1E3	1D9	3C2	3C2	3A3	1G2	COIL	



RELAY

DESIG	ACA	DESIG
CODE	AJ202	
OPTION		
	CONT	LOC
	ARR	
24	M	1C8
23	M	2C3
22	M	1E5
21	M	2F7
20	M	4C7
19	M	3E2
18	M	2E6
17	M	1A6
16	M	2E5
15	M	2F6
14	M	3E7
13	M	3G7
12	M	3G7
11	M	3G2
10	M	4B5
9	M	2G6
8	M	2G6
7	M	1A7
6	M	1A6
5	M	2G7
4	M	1C4
3	M	1C4
2	M	1C4
1	M	1C5
COIL	1A7	



CAPACITOR

DESIG	LOC	CODE
(Z,H,XB) A	1E4	KS-13614,L6,0.05 UF
FB	1E2	KS-13614,L6,0.05 UF
R	1E9	439A
RV	1E3	444A,3UF
(Y,W) S	1D6	KS-13486,.60 UF
(Y,X) S	1D6	KS-19524,L9,60UF
TN	1G7	441B

INDUCTOR

DESIG	LOC	CODE
H	1D5	274AC
(ZG) H1	1E5	274AH
(Z,H,XB) H1	F5	274L

RESISTOR

DESIG	LOC	CODE
B	1D3	146A,5490 ±1%
BF	1F7	KS-13492,L1,2000
CS	2B2	18FB
H	1E7	18AE
HS	1E6	KS-13492,L1,1200
L	3D8	18FB
LS	1E6	KS-13492,L1,.82
PD	2A4	18GF
S	3C8	19BA
SH	2B4	18BW
T	3B8	19BA

THERMISTOR

DESIG	LOC	CODE
R	1E8	8A

VARISTOR (DIODE)

DESIG	LOC	CODE
A	1E2	KS-15724,L2 DIODE
B	1D3	KS-15724,L2 DIODE
C	1D5	KS-15724,L2 DIODE
D	1E9	400E DIODE
DR	1F3	420G DIODE
E	1E9	317A VARISTOR
F	2A2	KS-15724,L2 DIODE
G	2A3	KS-15724,L2 DIODE
(ZV) H	1B8	KS-15724,L2 DIODE
(E,Z,J,Y,M) J	1C8	KS-15724,L2 DIODE
(E,Z,J,Y,M) K	1A7	446F DIODE
(Y,O) L	3F2	KS-15724,L2 DIODE
(A) M	1G4	446F DIODE
(Y,H) M	1G2	446F DIODE
(Y,J,Y) N	1G2	446F DIODE
(Y,J,Y) RS	3C2	446F DIODE
(Y,E) SA	2C5	446F DIODE
(Y,E) SB	2C5	446F DIODE

DIODE
SEE VARISTOR

TWO WAY TRUNK CIRCUIT
 TO CENTRAL OFFICE

BELL TELEPHONE LABORATORIES
 INCORPORATED

SD-65752-01-C1

6S

APP FIG. 2

APP FIG. 3

RELAY		[5] SEC. 2,4,6,8		[5] SEI. 3,5,7,9	
DESIG	CODE	AKH			
OPTION					
	CONT ARR	LOC	CONT ARR	LOC	CONT ARR
12			M	4C1	
11			EBM		
10			EBM	4D1	
9			EMB	4A1	
8			EMB	4A1	
7					
6					
5			EMB	4A1	
4			EMB	4A1	
3			EBM	4D1	
2			EBM		
1			M	4C1	
COIL			4B1	4B1	

DIODE			LAMP RESISTANCE			RESISTOR			JACK			LAMP		
DESIG	LOC	CODE	DESIG	LOC	CODE	DESIG	LOC	CODE	DESIG	LOC	CODE	DESIG	LOC	CODE
(YN) [10] KO-9	1A7	KS-15724,12	[10] (ZE) SLO-9	4B1	15B	[10] (ZF) SLO-9	4C1	145,3790	T	4A4	295	L	4A4	2Y

APP FIG. 4 (MFR DISC)

APP FIG. 5

JACK			LAMP		
DESIG	LOC	CODE	DESIG	LOC	CODE
T	4B4	510A	L	4C4	2Y

DIODE			RESISTOR		
DESIG	LOC	CODE	DESIG	LOC	CODE
FF	4E1	420G	R	4F2	KS-13492,L1 10,000
R	4G2	420G			

THERMISTOR			TRANSISTOR		
DESIG	LOC	CODE	DESIG	LOC	CODE
T1	4F1	8B	Q1	4F1	12N

APP FIG. 6

RELAY		[5] IC 0,2,4,6,8		[5] IC 1,3,5,7,9	
DESIG	CODE	AK4			
OPTION					
	CONT ARR	LOC	CONT ARR	LOC	
12			M	4B7	
11			EBM	4C5	
10			EBM	4F7	
9			EMB	4E7	
8			EMB	4F7	
7					
6					
5			EMB	4F7	
4			EMB	4E7	
3			EBM	4F7	
2			EBM	4C5	
1			M	4B7	
COIL			4B6	4B6	

DRAWING	ISSUE
11D	PG 2-3
16B	KC
	KRA
	PD
17D	PHC
	AKM
18D	WPA
	SAK
19D	KFU
	WGA
	SAK
	GFH
21B	CEI
	SAK
	GFH

21

PBX SYSTEMS TWO WAY TRUNK CIRCUIT TO CENTRAL OFFICE		SD-65752-01-C2
BELL TELEPHONE LABORATORIES INCORPORATED		

SD-65752-01-C2

CIRCUIT NOTES:

DESIG	FUSE AMP	POTENTIAL	ONE PER	TERM DESIG
CO	1-1/3	-48V	APP FIG. 1,2	
FC1	1-1/3	-48V	PBX	
FC2	1-1/3	-48V	PBX	
CO		GRD	APP FIG. 1,2	

<u>BATTERY SYMBOL</u>	<u>VOLTAGE RANGE</u>
-48	45-52V

FEATURE OR OPTION		APP FIG.	APP OR WIR	QUANTITY
ATTENDANT SERVICE	LOCKOUT	YES	Z	1
		NO		
	SECRECY	YES		
		NO		
RESTRICTED	YES	X		
	NO	Y		
AUTOMATIC TRANSFER	NO TRKS 3,4 5,6,7,8,9	V		
	YES TRKS 0,1,2	T		
CENTRAL OFFICE NORMAL TALKING BATTERY VOLTAGE	40V OR MORE	S		
	39V OR LESS OR PANEL OFFICES	R		
BY RELAY	PER F51895	Q		
	PER AG-33	P		
SL/TLA RELAYS	PER F51877	N		
	PER AK9	M		
FLEXIBLE NIGHT SERVICE CONNECTIONS SEE NOTE 105				
TRUNK ARRANGED FOR (SEE NOTE 114)	2 WAY ASSIGNED SERVICE	2	YP, YQ	1 PER TRK
	2 WAY ASSIGNED SERVICE EQUIPPED FOR NIGHT CONNECTION WITH CORD SWBD		YP, YR	
	ONE WAY INCOMING UN-ASSIGNED SERVICE		K	
TRUNK APPEARANCE AT CORD SWBD	NO	1	YQ, YS	TRK 6, 7, 8 & 9
	YES			
	RELAY EQUIP 556A 608A OR D		YG, ZE, YD	
	JACK EQUIP 556A	3		1 PER PBX
TRUNK CONNECTED TO	PANEL C.O.	5		1 PER TRK
	OTHER	1	ZT	
DIAL TRFR STA CONTROLLED	REQD		ZX	
	NOT REQD		ZW	
INDICATION OF CAMPED-ON CALL TO BUSY LINE	REQD	6	YK	1 PER PBX
	NOT REQD SEE NOTE 203			
STATION MESSAGE * REGISTRATION (SEE NOTE 203)	REQD		YC	
	NOT REQD		YB	

NETWORK VALUES		
NETWORK NO	RESISTANCE IN OHMS	CAPACITANCE IN UF

RECORD OF APP FIG, WIRING AND APP CHANGES						
CHANGED ON ISS	IF JOB RECORDS DO NOT SPECIFY	THIS OPTION WAS FURN	SEE NOTE	USE IN CIRCUIT		
				STD	A & M	MD
2B	Q OR P	Q	102	P		Q
2B	N OR M	N	102	M		N
5B	G OR H	H		G		H
7B	E OR F	F	105	E		F
8D	A OR B	B		A		B
11D	ZA OR ZB	ZA		ZB		ZA
11D	ZC OR ZD	ZC		ZD		ZC
11D	ZE OR ZF	NONE		ZE, ZF		
11D	ZH OR ZG	ZG		ZH		ZG
11D	ZJ OR ZL	E OR F	105, 106	ZJ, ZL		E
11D	FIG. 2 OR ZM	ZM		FIG. 2 ZM		
14B	ZN	K OR J	102	ZN, K, J		
15B	ZO	NONE		ZO		
16B	ZP, ZQ	NONE	102	ZP, ZQ		
16B	ZR, ZS	ZR	102	ZR, ZS		
16B	ZT	ZT	102	ZT		
16B	FIG. 5	ZT		FIG. 5		
16B	ZU, ZV	ZU		ZV		ZU
	ZX, ZW	ZW	108	ZX, ZW		
17D	YA, FIG. 6	NONE	102	YA	FIG. 6	
	ZZ, ZY	ZY	109	ZZ		ZY
18D	YB OR YC	YB	102	YB, YC		
	YD, YE	YD	102	YD, YE		
	YF, YG	YF	102	YF		YF
			110			FIG. 4
20AC	YI	YA	201	YI		YA
	YK	NONE	102	YK		
	YH	NONE	112			YH
21B	A	A	115			A
	YJ	NONE		YJ		
21B	YL, YM	ZJ, YL	102	YM		ZJ, YL
21B	YO	ZM, YN	113	YO		ZM, YN
	YP, YR	ZQ, J	102	YP, YR		ZQ, J
	YQ, YS	ZN, ZP		YQ, YS		ZN, ZP
	YT	NONE		YT		
24AC	YU, YV	YU	115	YV		YU
25D	YW, YX	YW		YX		YW NOTE 107

104. (CONT)

RECORD OF APP FIG, WIRING AND APP CHANGES						
CHANGED ON ISS	IF JOB RECORDS DO NOT SPECIFY	THIS OPTION WAS FURN	SEE NOTE	USE IN CIRCUIT		
				STD	A & M	MD
26AC	YY, YZ	YJ	116	YY, YZ		YJ
28B	XA, XB	ZH		XB		ZH, XA
28B						YY, YZ NOTE 116

105. WHEN E, ZJ OR YM OPTION IS PROVIDED FOR FLEXIBLE NIGHT SERVICE CONNECTIONS, V OPTION SHALL BE PROVIDED IN CENTRAL OFFICE TRUNK CIRCUIT NO. 5, S OPTION IN LINE CIRCUIT NO. 33 AND R OPTION IN THE ALARM TRANSFER & TEST CKT.
106. WHEN MODIFYING EXISTING JOBS FOR "ZH" OPTION THAT DO NOT HAVE FLEXIBLE NIGHT CONNECTIONS (OPTION "E") PROVIDE "ZL" OPTION. WHEN "ZH" OPTION IS PROVIDED WITH FLEXIBLE NIGHT CONNECTIONS, PROVIDE "ZJ" OR "YM" OPTION.
107. WHEN TRUNK UNITS ARE ADDED HAVING "A" OPTION, ALL OTHER TRUNK UNITS SHOULD BE WIRED FOR "A" OPTION.
108. WHEN THE PBX IS MODIFIED FOR DIAL TRANSFER STATION CONTROLLED, OPTION "ZX" MUST BE PROVIDED, REPLACING OPTION "ZW".
109. WHEN THE PBX IS MODIFIED TO PROVIDE AN AUXILIARY POSITION CIRCUIT, OPTION "ZZ" MUST BE PROVIDED.
110. PRIOR TO ISSUE 19D TRUNK JACKS AND LAMPS FOR USE WITH THE 608A SWITCHBOARD WERE SHOWN AS APP FIG. 4 ON THIS CIRCUIT.
111. OPTION YI IS REQUIRED ON EXISTING JOBS WHEN INDICATION OF CAMPED-ON CALL TO A BUSY LINK IS SPECIFIED. OPTION YA IS TO BE REMOVED.
112. OPTION YH IS ADDED AS A MANUFACTURED DISCONTINUED OPTION. THE INSTALLER SHALL ADD OPTION YH WHEN USING A 1A2 KEY TELEPHONE SYSTEM WITH A 400B K.T.U.
113. PRIOR TO ISSUE 21B OPTION YN WAS PART OF APP FIG. 2.
114. TRUNK MAY BE ARRANGED FOR ONE TYPE OF SERVICE ONLY.
115. IF OPTION A (L DIODE) IS REMOVED, OPTION YV MUST BE ADDED AND OPTION YU REMOVED. ASSOCIATED OPTIONS IN THE REGISTER CIRCUITS MUST BE PROVIDED: OPTIONS YZ PER ISSUE 24B OR OPTION XB PER ISSUE 26D. (SEE NOTE 202).
116. THE INSTALLER SHALL REMOVE OPTION YJ AND ADD OPTIONS YY AND Y7 ON ALL TRUNK UNITS FURNISHED PER ISSUE 21B OR LATER, EXCEPT OPTION YY MUST BE OMITTED ON ALL TRUNK UNITS WHEN MORE THAN ONE 1A1 K.T.U. LINE CIRCUIT IS BRIDGED ON A STATION LINE OR WHEN A 24V4 REPEATER IS CONNECTED TO ANY STATION LINE FOR FX SERVICE.

WORKING LIMITS

"S" RELAY-THE TRUNK CONDUCTOR LOOP RES PLUS THE MAXIMUM STATION LOOP RES SHALL NOT EXCEED THE CENTRAL OFFICE SUBSCRIBER LOOP RANGE OF THE CONNECTING CENTRAL OFFICE LESS 65 OHMS.

CONDUCTOR LOOP RESISTANCE

"R" RELAY-RING UP RERING 2000Ω
1200Ω

EQUIPMENT NOTES:

201. OPTION YK IS ALWAYS PROVIDED. WHEN INDICATION OF CAMPED-ON CALL TO BUSY LINE IS NOT REQUIRED YK OPTION SHALL BE REMOVED BETWEEN L WDG OF CS RELAY & 2U OF 1C9 RELAY.
202. WHEN TRUNKS PER ISSUE 21B OR LATER (WITHOUT "A" OPTION) ARE ADDED TO AN EXISTING PBX EQUIPPED WITH OLDER ISSUE TRUNKS (WITH "A" OPTION), THE TELEPHONE COMPANY MUST EITHER REMOVE "A" AND "YU" OPTIONS AND ADD "YV" OPTION TO ALL EXISTING TRUNKS AND ADD "YZ" OR "XB" OPTION TO EACH REGISTER CIRCUIT (SEE NOTE 115) OR FURNISH AND INSTALL A 446F TYPE DIODE (DIODE L) IN PLACE OF OPTION "A" IN THE NEWLY ADDED TRUNK UNITS.
203. WHEN PLUG-IN TRUNKS (3,4,8 & 9) ARE USED, THE INSTALLER SHALL ADD OPTION YB TO THE PLUG-IN TRUNK WHEN THE FOLLOWING CONDITIONS EXIST:
1. TRUNK IS MADE PER ISSUE 18D AND PRIOR TO ISSUE 27AC.
 2. THE PBX IS NOT ARRANGED FOR STATION MESSAGE REGISTERS.
- WHEN PLUG-IN TRUNKS PER ISSUE 27AC OR LATER ARE USED AND WHEN STATION MESSAGE REGISTER FEATURE IS REQUIRED, THE INSTALLER SHALL REMOVE OPTION YB.

INFORMATION NOTES:

301. UNLESS OTHERWISE SPECIFIED: RESISTANCE VALUES ARE IN OHMS, CAPACITANCE VALUES ARE IN MICROFARADS, VALUES PRECEDED BY THE SYMBOL +(PLUS) OR - (MINUS), ARE IN VOLTS.

ELECTROLYTIC CAPACITOR TEST REQUIREMENTS (1000 CYCLE TEST, USING 73A TEST SET, BETWEEN 600Ω LINES)

OVERALL LOSSES					
TEST	TEST SET TERM	CONN TO	MIN LOSS IN db	REMARKS	
CAP(S)	3-6	2M IM(S)	5.6		
CAP(R)	3-6	1U(P)	5.6		

ALLOWABLE INDIVIDUAL APPARATUS LOSSES						
APPARATUS	DESIG	CODE	TEST SET TERMINALS	CONNECT TO	MIN LOSS IN db	REMARKS
CAPACITOR	RV	444A	3-6	c-d	5.4	DISC. CAP. FROM CKT.
CAPACITOR	S	K9-3488	3-6	a-b	5.4	DISC. CAP. FROM CKT.

CAUTION DISCHARGE CAPACITORS IN ACCORDANCE WITH THE A200 SECTION BSP COVERING THE TESTING OF ELECTROLYTIC CAPACITORS. DO NOT SHORT CKT. CAPACITORS.

TWO WAY TRUNK CIRCUIT TO CENTRAL OFFICE

BELL TELEPHONE LABORATORIES INCORPORATED

SD-65752-01-D1

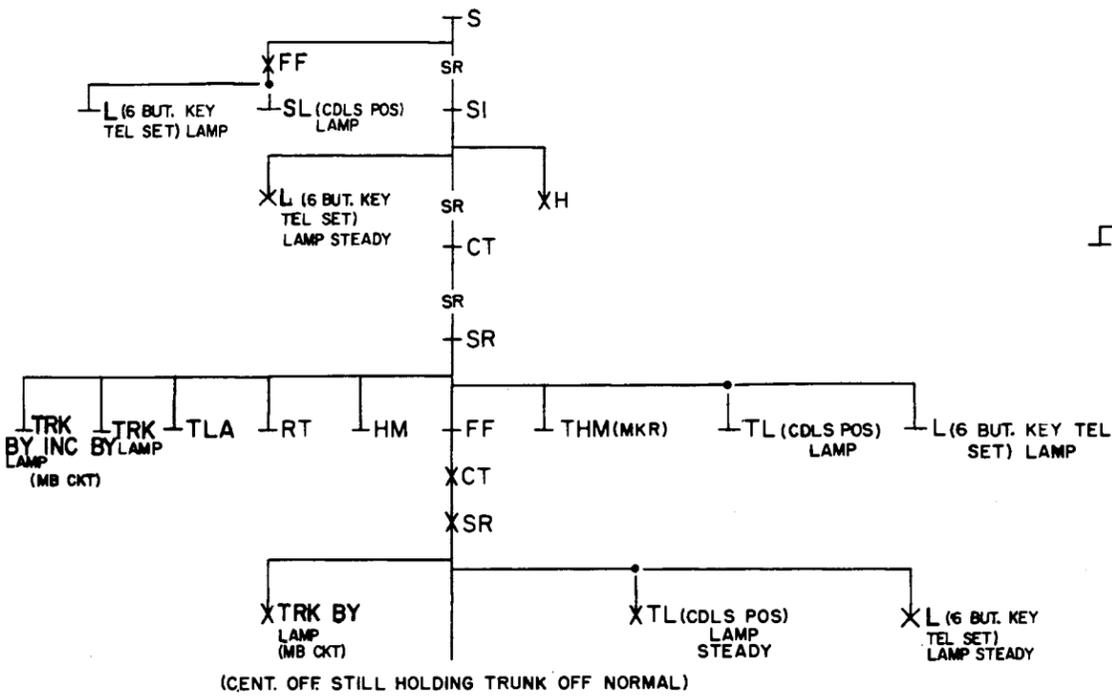
65 PRINTED IN U.S.A.

DRAWING ISSUE

1 S
2 B
3 B
4 A
5 B
7 B
8 D
11 D
13 D
14 B
15 B
16 B
17 D
18 D
19 D
20 A
21 B
22 D
23 D
24 A
25 D
26 A
27 A
28 B

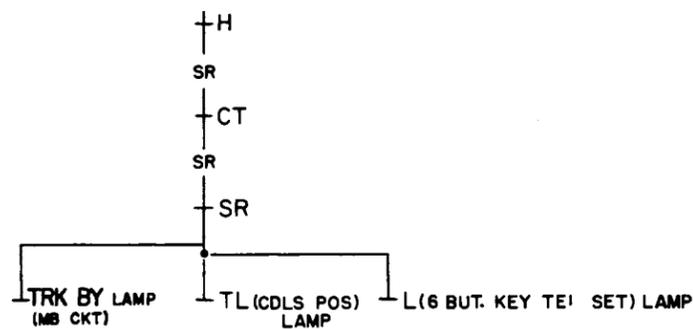
SC 9

CALLLED STATION DISCONNECTS
(PREVIOUS ACTION SHOWN IN SC 8)



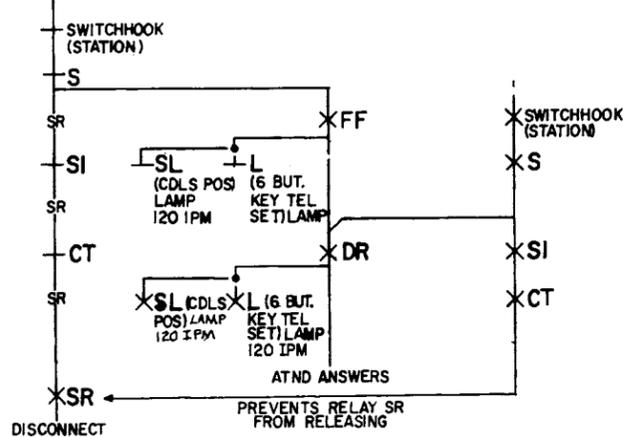
SC 10

CENTRAL OFFICE DISCONNECTS
(PREVIOUS ACTION SHOWN IN SC 9)



SC 11

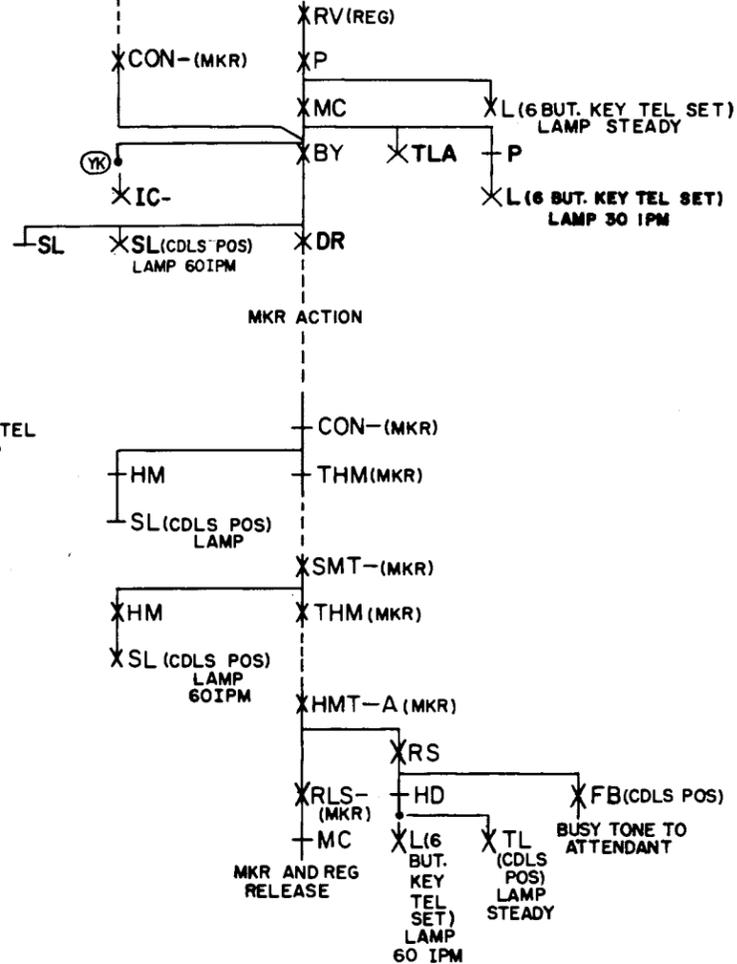
STATION RECALL ATTENDANT
(PREVIOUS ACTION SHOWN IN SC 8)



SC 12

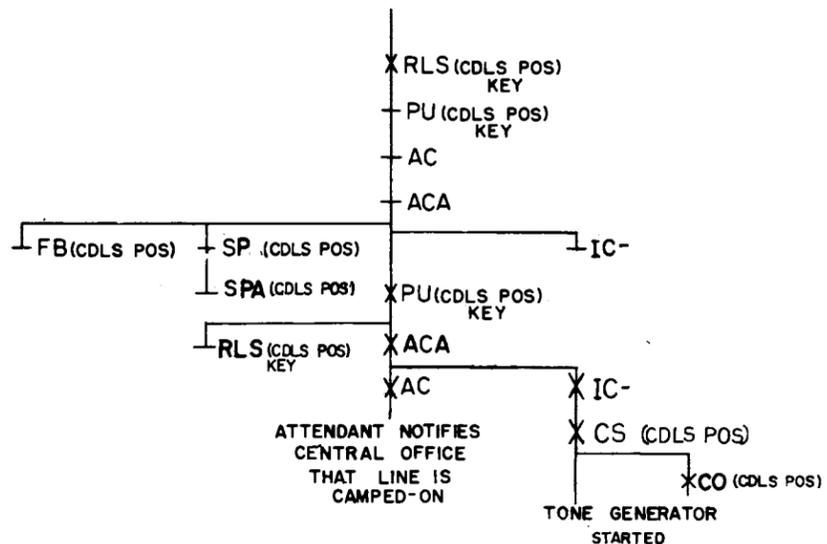
CENTRAL OFFICE TRUNK CAMPS-ON BUSY STATION

MKR AND REG ACTION INITIALLY AS IN SC 6



SC 13

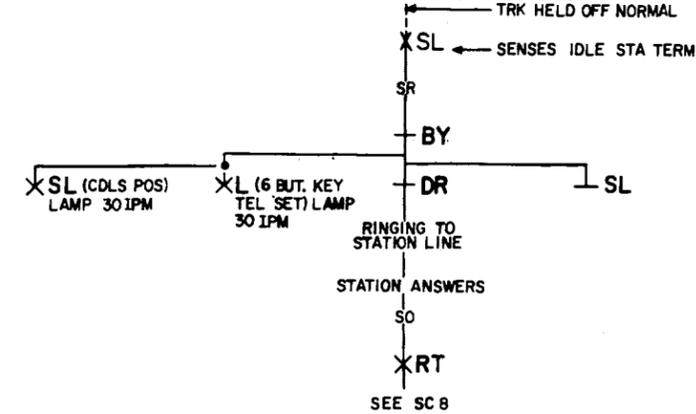
ATTENDANT RECONNECTS TO CENTRAL OFFICE
AFTER RECEIVING CAMP-ON TONE INDICATION



SC 14

CAMPED-ON STATION BECOMES IDLE

TRK HELD OFF NORMAL

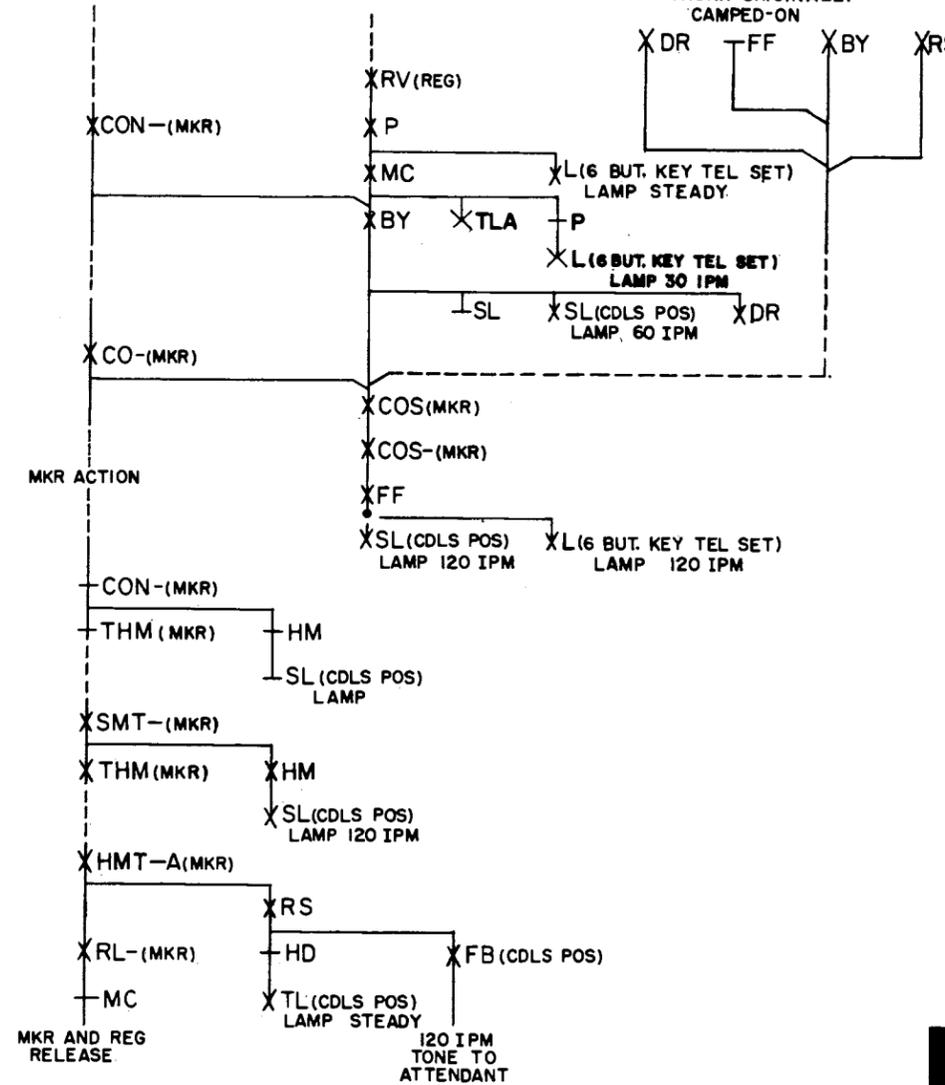


SC 15

CENTRAL OFFICE TRUNK RECEIVES CAMP-ON BUSY

MKR AND REG ACTION INITIALLY AS IN SC 6

TRUNK ORIGINALLY CAMPED-ON



TWO WAY TRUNK CIRCUIT
TO CENTRAL OFFICE

SD-65752-01-E2

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INCORPORATED

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28

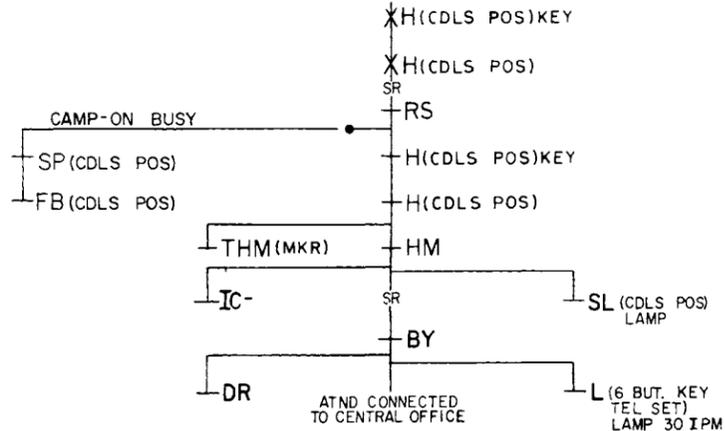
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5

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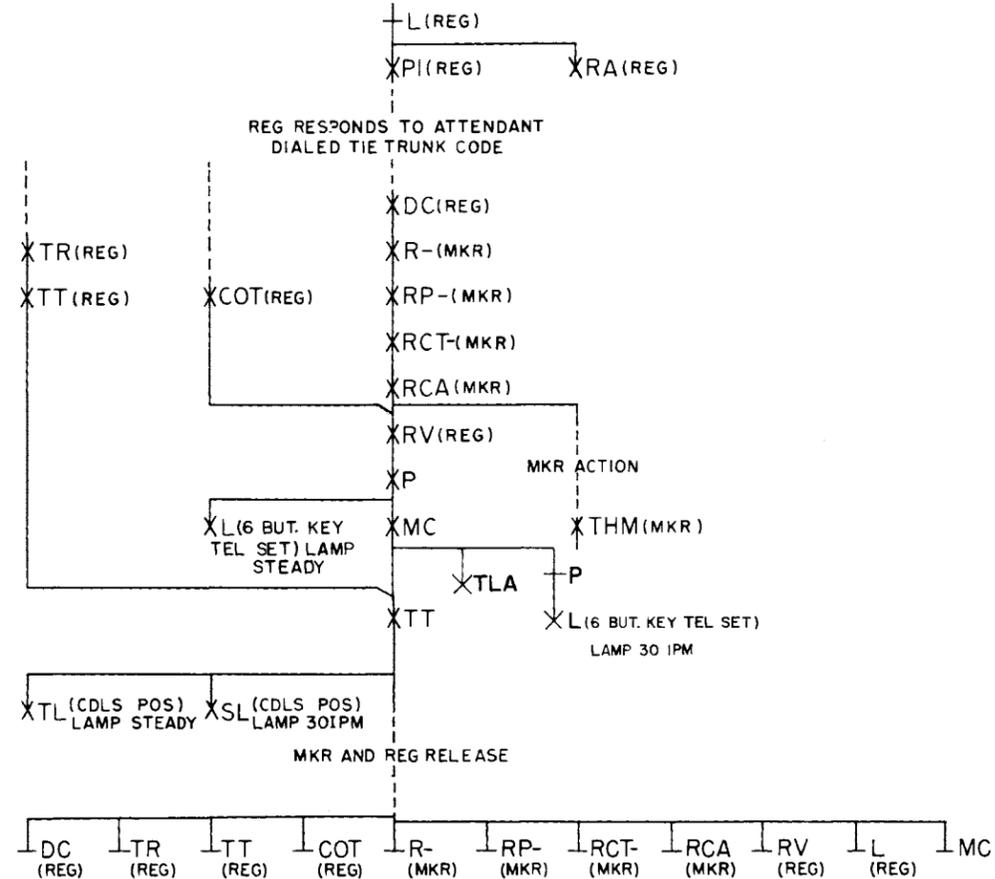
SC 16

ATTENDANT DISCHARGES CAMP-ON OR CAMP-ON BUSY CONNECTION
(PREVIOUS ACTION AS IN SC 13 OR SC 15)

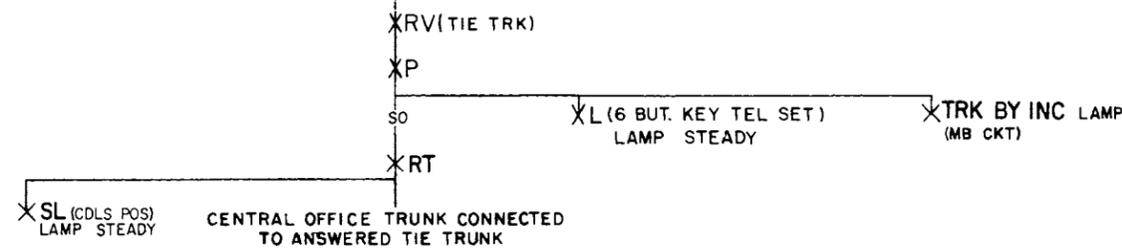


SC 17

INCOMING CENTRAL OFFICE TRUNK REQUESTS CONNECTION
TO DIAL REPEATING OR DIAL TRANSMITTING TIE TRUNK
(PREVIOUS ACTION SHOWN IN SC 5)
ATTENDANT DIALES TIE TRUNK CODE

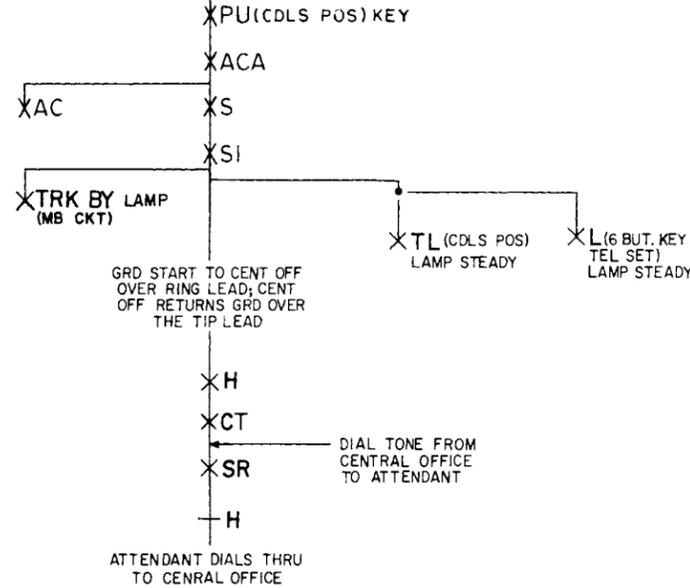


CONNECTION TO TIE TRUNK COMPLETE, ATTENDANT DIALES OR MANUAL PBX ANSWERS, TIE TRUNK SUPERVISES



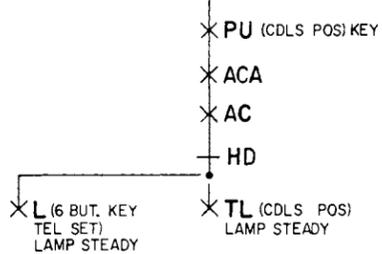
SC 18

ATTENDANT ORIGINATES CENTRAL OFFICE CALL



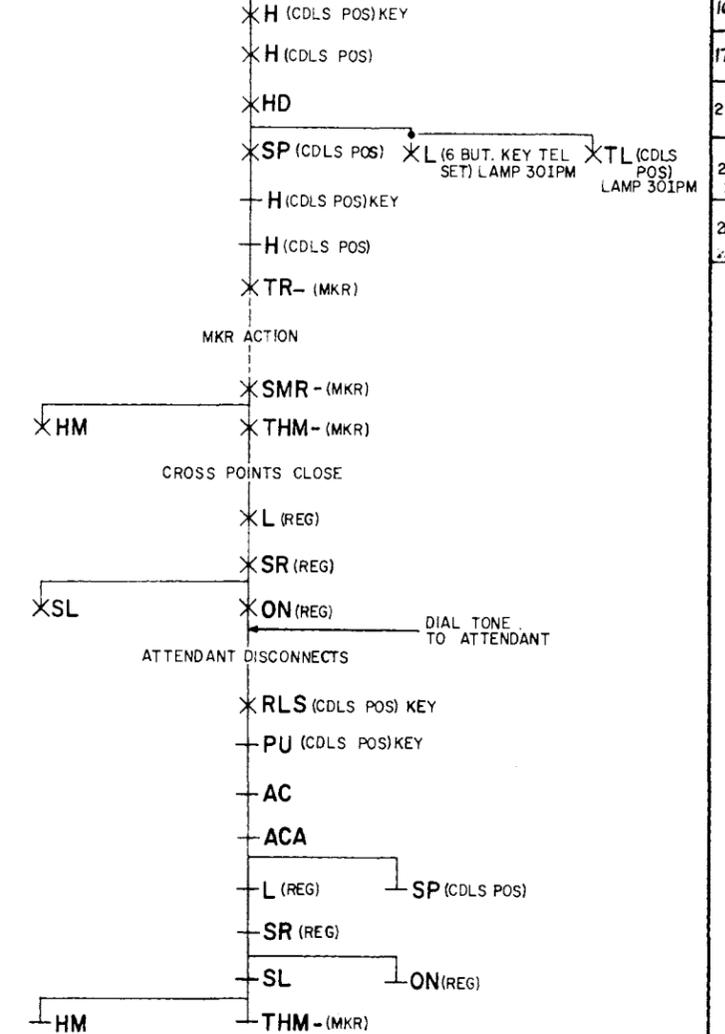
SC 20

ATTENDANT REENTERS HELD CENTRAL OFFICE TRUNK
(PREVIOUS ACTION SHOWN IN SC 19)



SC 19

ATTENDANT HOLDS CENTRAL OFFICE TRUNK TO HANDLE OTHER TRAFFIC
(PREVIOUS ACTION SHOWN IN SC 18 OR SC 2)



DRAWING ISSUE
1
8D
16 B
17D
21 B
22D
28B

TWO WAY TRUNK CIRCUIT TO CENTRAL OFFICE

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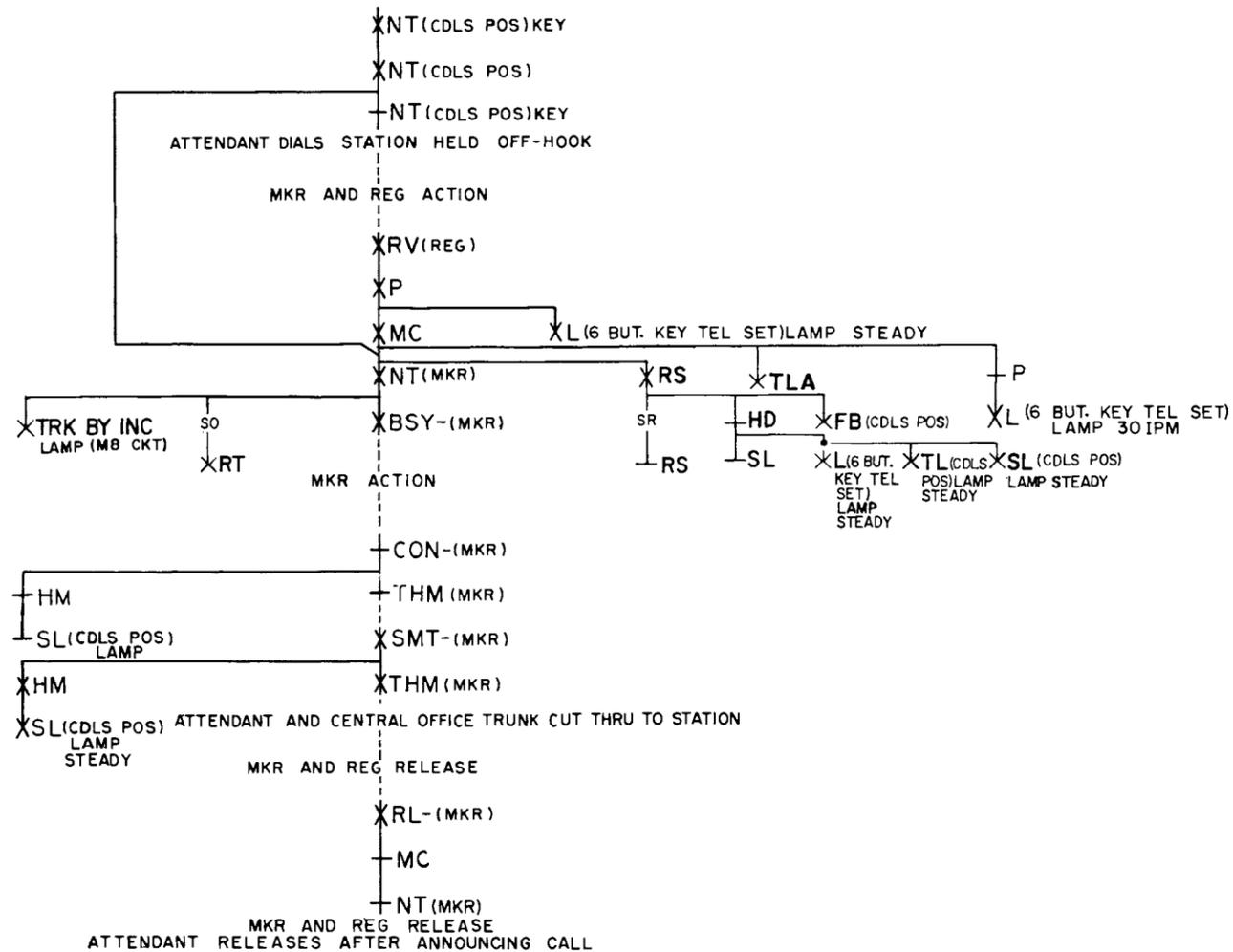
SD-65752-01-E3

28

SD-65752-01-E3

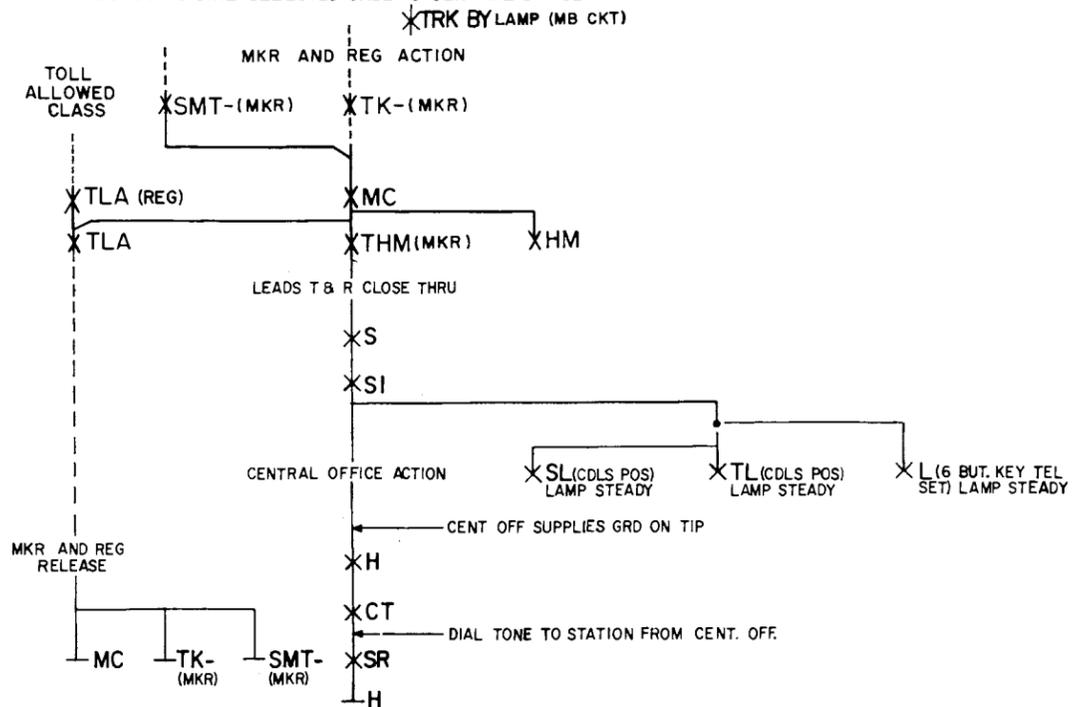
SC 21

ATTENDANT PLACES NO-TEST CALL TO RESTRICTED STATION
(PREVIOUS ACTION AS IN SC 5 EXCEPT ATTENDANT PLACES OUTGOING CENTRAL OFFICE CALL INITIALLY)



SC 22

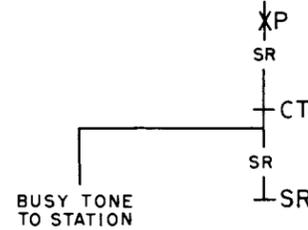
OUTGOING DIAL SELECTED CALL TO CENTRAL OFFICE



SC 23

TOLL DENIED STATION DIALS LD CODE
(PREVIOUS ACTION SHOWN IN SC 22
WITH TLA CLASS NORMAL)

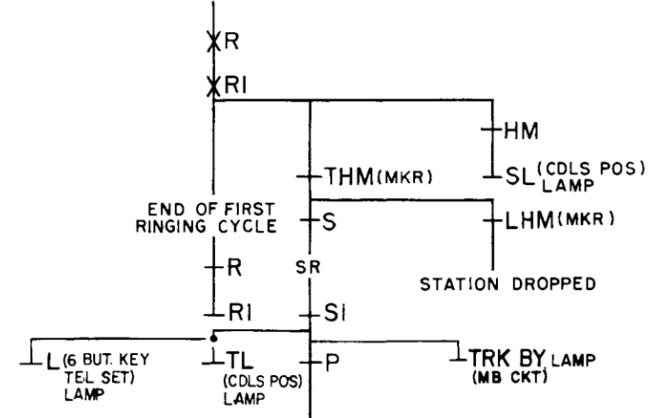
BAT & GRD REVERSE TO CENTRAL OFFICE TRUNK WHEN TOLL OPERATOR ANSWERS



SC 24

CENTRAL OFFICE TRUNK SEIZED AT CENTRAL OFFICE IMMEDIATELY AFTER TOLL
DENIED STATION IS DIVERTED AT PBX
(PREVIOUS ACTION SHOWN IN SC 23)

CENTRAL OFFICE RINGING APPLIED TO TRUNK BEFORE STATION DISCONNECTS



CENTRAL OFFICE TRUNK RESTORED TO NORMAL
(SUBSEQUENT ACTION AS IN SC 1)

SC 25

TOLL ALLOWED STATION DIALS LD CODE
(PREVIOUS ACTION SHOWN IN SC 22
WITH TLA CLASS OPERATED)

BAT. & GRD REVERSE FROM TOLL TRUNK AFTER
LD OPERATOR ANSWERS
OPERATOR RECEIVES INFORMATION FROM STATION

TWO WAY TRUNK CIRCUIT
TO CENTRAL OFFICE

SD-65752-01-E4

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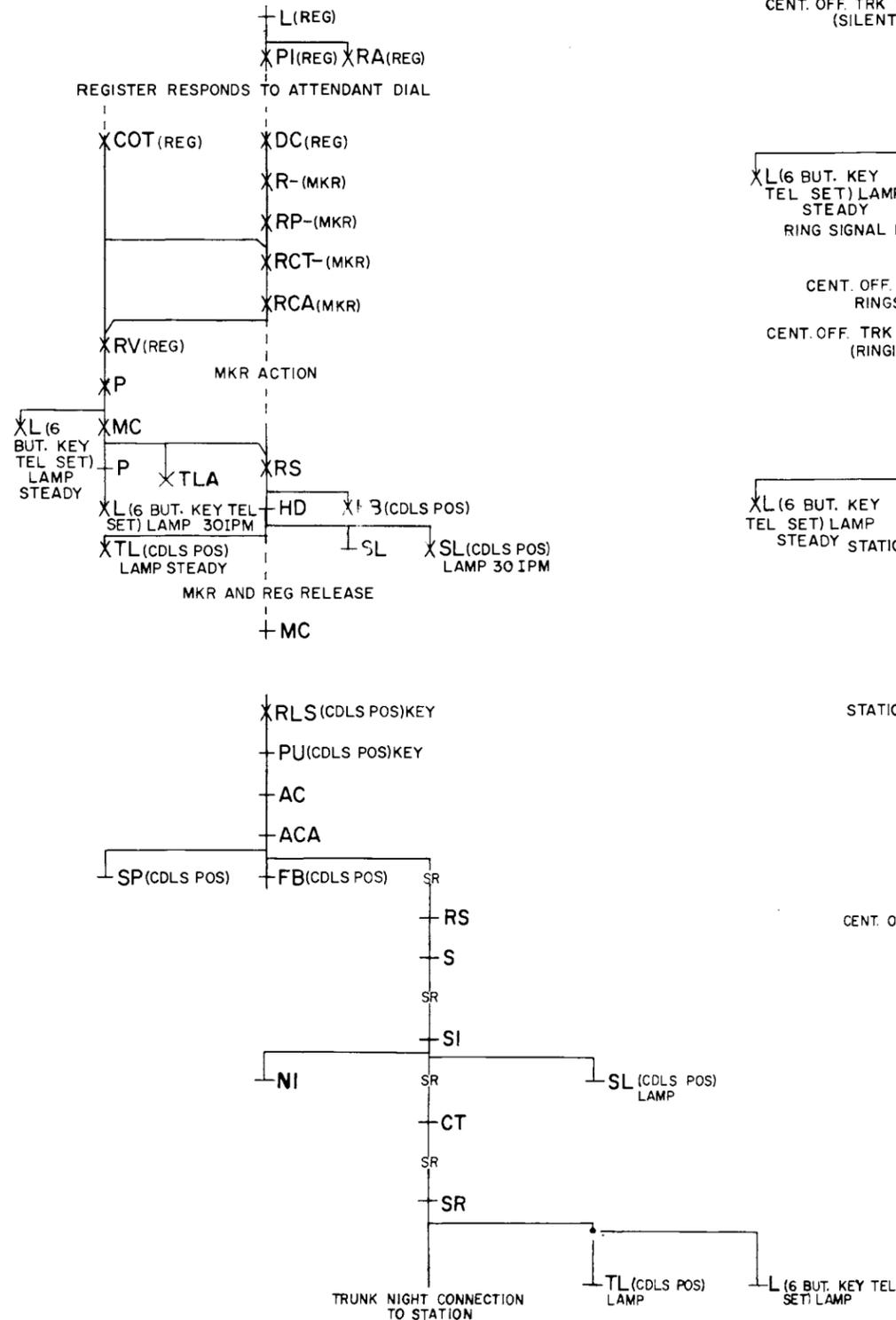
6S

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SC 34

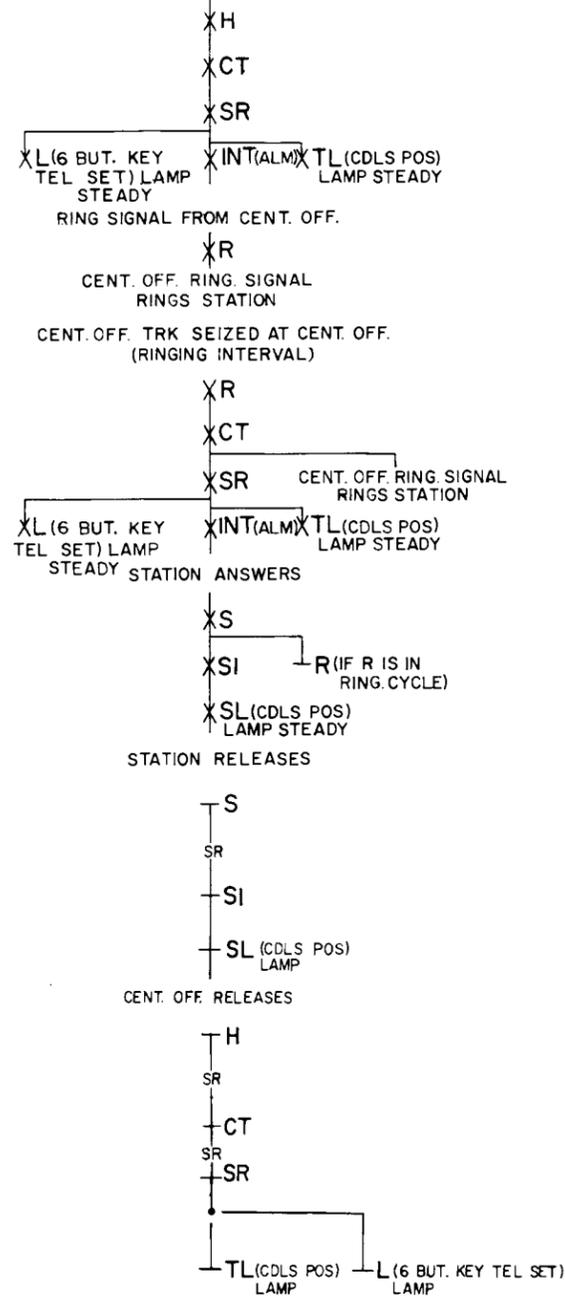
FLEXIBLE NIGHT CONNECTION
IDLE TRUNK TO IDLE STATION
ATTENDANT DIALS STATION



SC 35

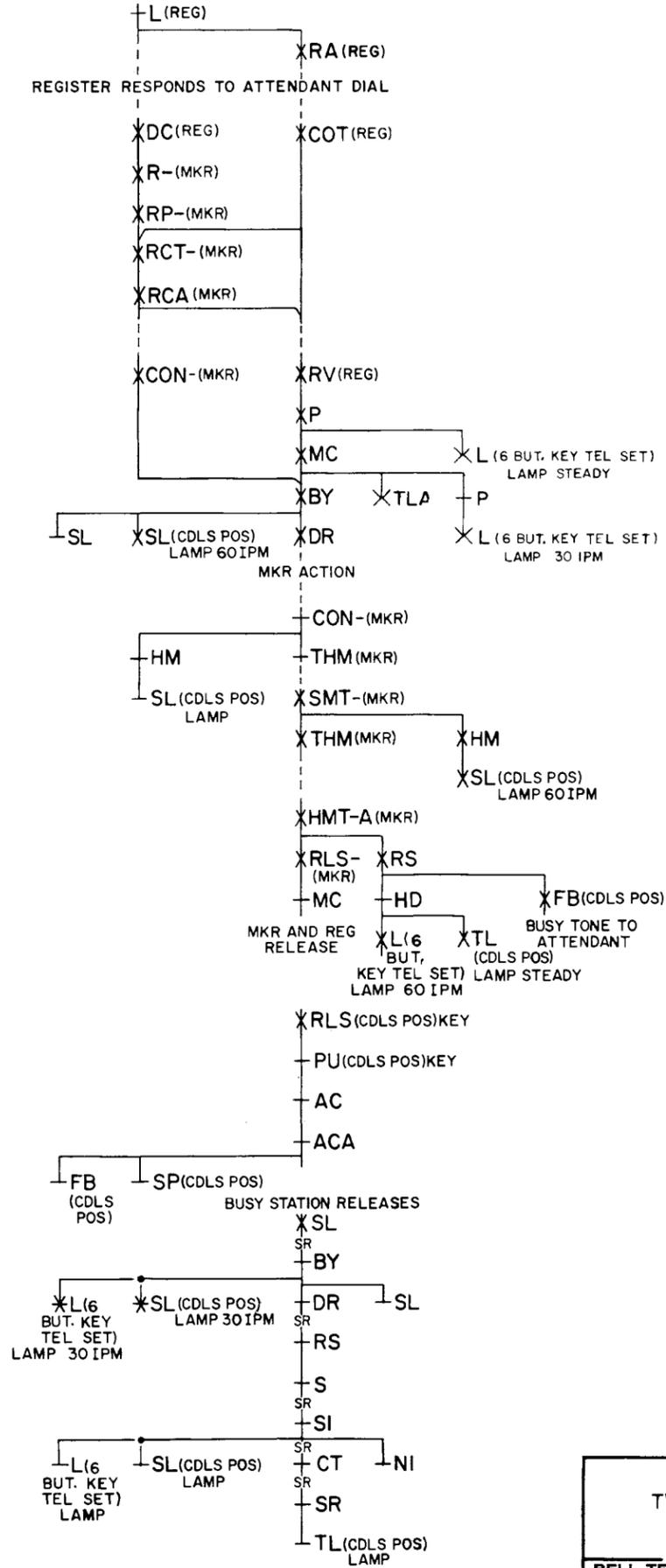
FLEXIBLE NIGHT CONNECTION
INCOMING CALL TO NIGHT CONNECTED TRUNK

CENT. OFF. TRK SEIZED AT CENT. OFF.
(SILENT INTERVAL)



SC 36

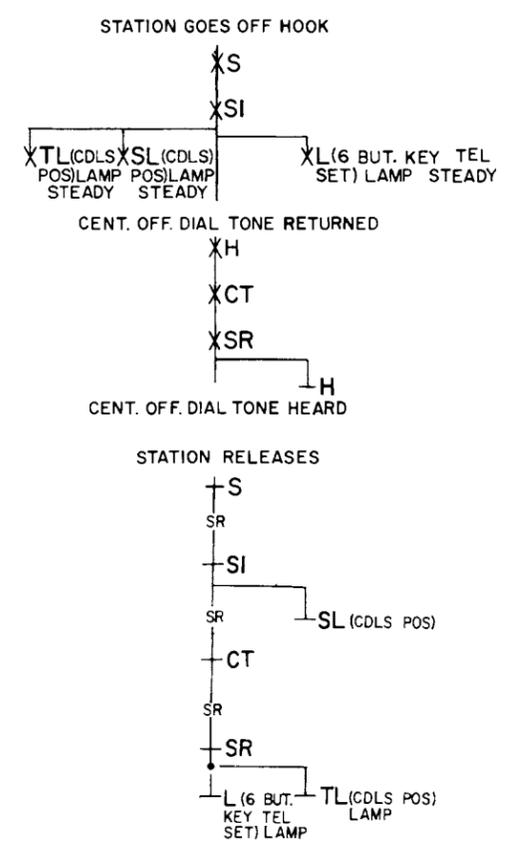
FLEXIBLE NIGHT CONNECTION
IDLE TRUNK TO BUSY STATION
ATTENDANT DIALS STATION



SC 37

FLEXIBLE NIGHT CONNECTION
OUTGOING CALL FROM A STATION ON
NIGHT CONNECTION

*HM *TLA *N *TRK BY LAMP
(MB CKT)



DRAWING ISSUE

7B	16B	21B	22D	28B
16B	21B	22D	28B	

TWO WAY TRUNK CIRCUIT TO CENTRAL OFFICE

BELL TELEPHONE LABORATORIES INCORPORATED

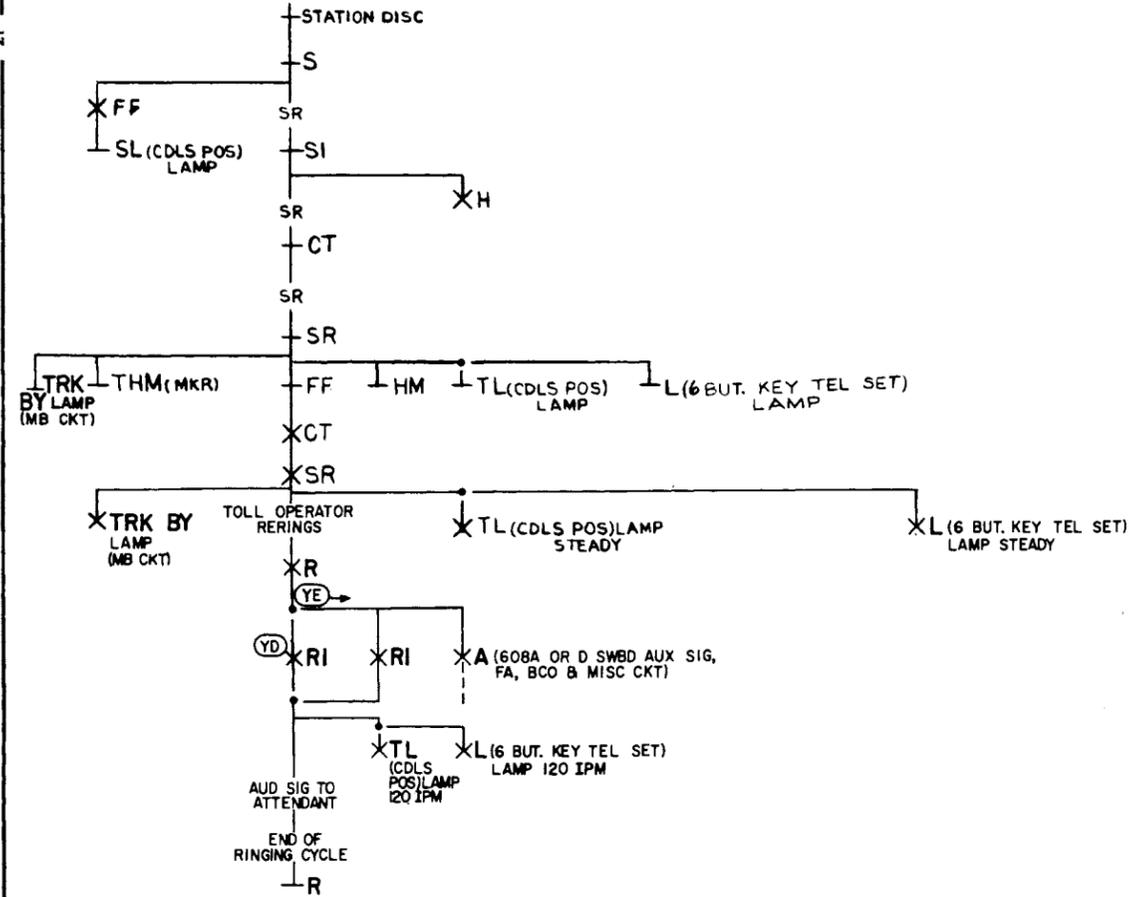
SD-65752-01-E6

28

6S

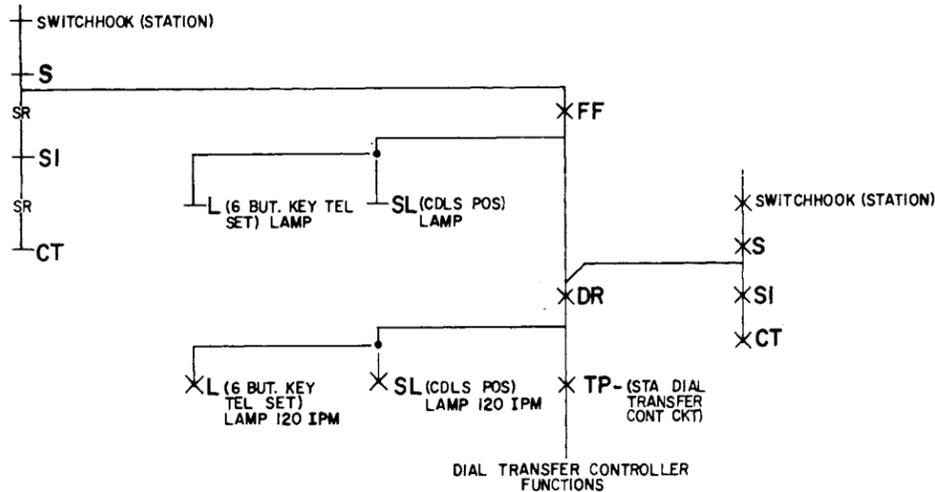
SC 38

TOLL OPERATOR RERINGS ON TOLL DENIED OR RESTRICTED STATION CONNECTED BY THE ATTENDANT (PREVIOUS ACTION AS IN SC 21)



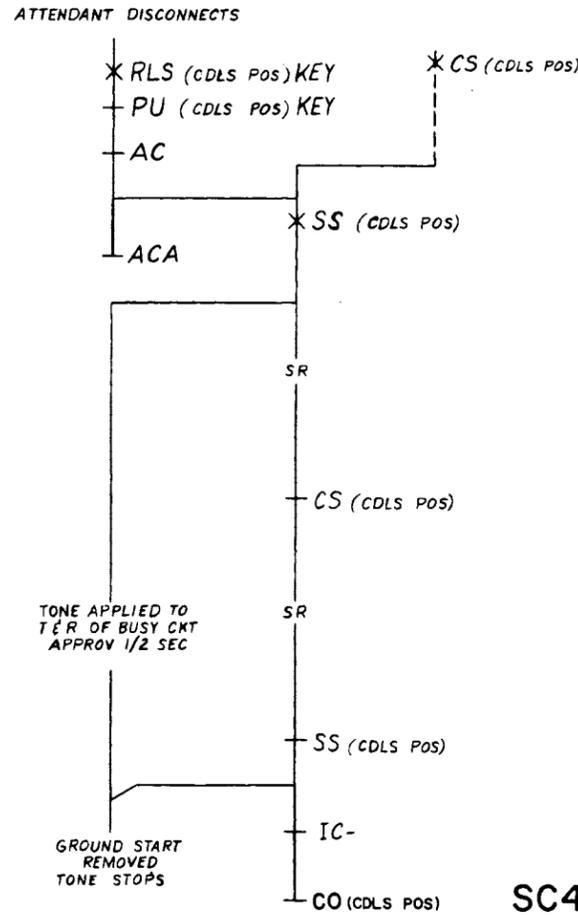
SC 39

STATION DIAL TRANSFER (PREVIOUS ACTION SHOWN IN SC 8)



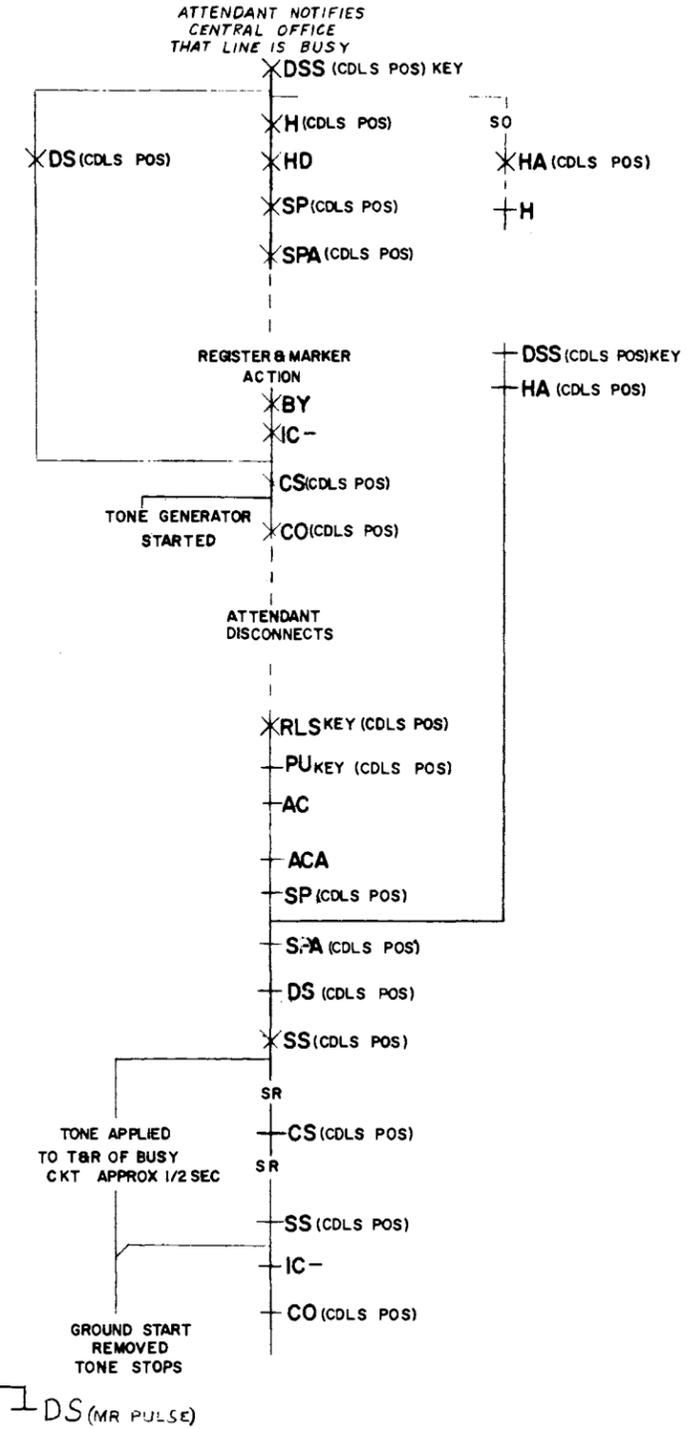
SC 40

INDICATION OF CAMPED-ON CALL TO BUSY LINE (PREVIOUS ACTION SHOWN IN SC 13)



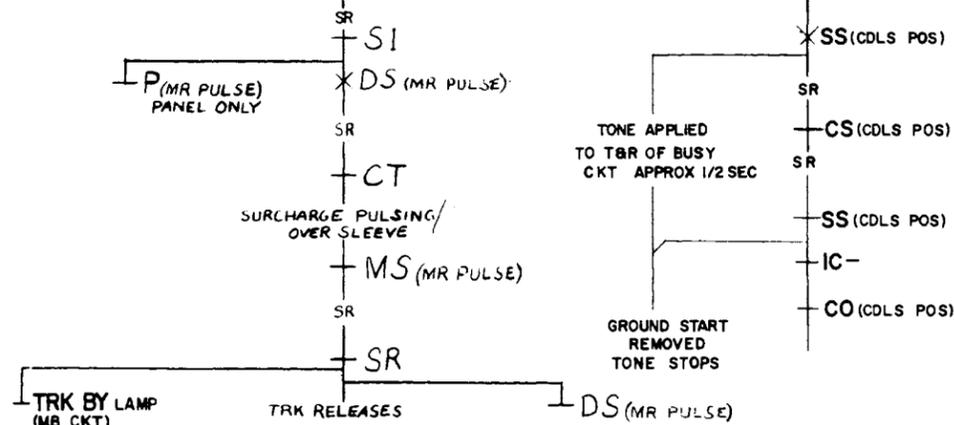
SC 41

INDICATION OF CAMPED-ON CALL TO BUSY LINE USING DSS (PREVIOUS ACTION SHOWN IN SC 2)



SC 42

MESSAGE REGISTER SURCHARGING (PREVIOUS ACTION SHOWN IN SC 22)



DRAWING ISSUE	REV.	DATE	BY
80	J.F.F.	P.D.	1
168	K.R.A.	P.D.	2
170	D.H.C.	ARM	3
180	W.P.A.	SAK	4
18D	K.F.J.	SAK	5
19D	SAK	SAK	6
	G.F.H.	SAK	7
20AC	SAK	SAK	8
	G.F.H.	SAK	9
22D	R.J.S.	SAK	10
	R.H.P.	SAK	11
28B	R.J.S.	LDJ	12

TWO WAY TRUNK CIRCUIT TO CENTRAL OFFICE (2) SD-65752-01-E7

BELL TELEPHONE LABORATORIES INCORPORATED 6S PRINTED IN U.S.A.

SD-65752-01-E7

CIRCUIT REQUIREMENTS
2 WAY TRUNK CIRCUIT TO CENTRAL OFFICE (CC TRK)

APPARATUS				MECH REQ				CIRCUIT PREPARATION				DIRECT CURRENT FLOW REGT				REMARKS	
DESIG	CODE	OPTION	FIG.	BSP FIG.	CONT PRESS	ARM TRVL	BLOCK OR INSULATE	TEST CLIP DATA		TEST SET PREP	SEE TEST NOTE	TEST WDG	TEST FOR	AFTER SOAK	TEST		READJ
				CONN BAT.	CONN GRD			TEST WDG	TEST FOR	AFTER SOAK	TEST	READJ					
RELAYS																	
AC	AF139								U(AC)	GRD				0	8.3	7.9	
									U(AC)	GRD				H	4.8	4.5	
ACA	AJ202						10(HM)	L(ACA)	U(ACA)	B/G				C	42.5	40.5	
BY	AG33	P							U(BY)	GRD				C	FS	14.7	14
														H	FS	2.5	2.3
														R	FS	1.3	1.5
BY	F51895	Q							U(BY)	GRD				C	FS	14.7	14
														H	FS	2.5	2.3
														R	FS	1.3	1.5
CT	AG16								U(CT)	GRD				O	FS	17.5	16.5
DR	1/2								U(DR)	GRD				O	FS	9.2	8.7
																	MOUNTED WITH (RI)
FF	AJ15								U(FF)	GRD				O	42.5	40.5	
H	S534						SPL	2(SI)	RB1(H)	2RT(H)	B/G	2	P	O	FS	3.3	3.1
								2(SI)	RB1(H)	2RT(H)	B/G		P	NO	FS	2.4	2.6
								2(SI)	RB1(H)	2RT(H)	B/G		P	R	FS	2.2	2.3
								(SI)NO	1LT(H)	2RT(H)	B/G		P/S	C		1.7	
								(SI)NO	1LT(H)	2RT(H)	B/G		P/S	R		1	
HC	AJ15							3B(RS)		U(HC)	GRD			O	42.5	40.5	
HM	AF100							6(HM)		U(HM)	GRD			O	41.5	39.5	
MC	AJ56							4(MC)		U(MC)	GRD			O	57.5	54.5	
N	1/2	E,ZJYM							U(N)	GRD				O	27	25.5	MOUNTED WITH (NI)
NI	1/2	E,ZJYM							U(NI)	GRD				O	27	25.5	MOUNTED WITH (N)
P	AJ28								2U(P)	GRD			S	O	12.4	11.8	
									2U(P)	GRD			S	R	1.9	2	
								(AC)O	1L(P)	1U(P)	B/G		P	C	23.5	22	WDG ALONE & WDG WITH
								(AC)O	1L(P)	1U(P)	B/G		P	NO	11.1	11.6	VARIATOR SHUNT
R	AJ48							2B(SI)	2U(R)	2L(R)	B/G	1	S	C	5.4	5.1	WDG ALONE & WDG WITH
																	VARIATOR SHUNT
RI	1/2	AKB							1L(RI)	GRD				O	17	16	MOUNTED WITH (DR)
RS	AJ3	ZG						5B(RT)		U(RS)	GRD			C	19	17	
RS	AJ15	ZH						5B(RT)		U(RS)	GRD			O	42.5	40.5	
RT	AJ58							7(MC)	1L(RT)	1U(RT)	B/G		P	O	26	26.5	EM CONTACTS NEED ONLY MAKE
								7(MC)	1L(RT)	1U(RT)	B/G		P	O	29.5	26	
								7(MC)	1L(RT)	1U(RT)	B/G		P	NO	20	21.5	
								(AC)O	2U(RT)	GRD			S	O	19		
S	B1139					30		1M(S)	2M(S)	B/G				O	6.9	6.6	
								1M(S)	2M(S)	B/G				R	3	3.2	
SI	AG34								U(SI)	GRD				O	FS	18	17
									U(SI)	GRD				H	FS	3	2.8
									U(SI)	GRD				R	FS	1.5	1.8
SEQ, 2	1/2 AK4		2						1L	REL	GRD			O	11.9	11.3	MTD WITH (SE1,3,5,7,9) RESPECTIVELY
4,6,8									1L	TST							
SE1, 3	1/2 AK4		2						1L	REL	GRD			O	11.9	11.3	MTD WITH (SEQ2,4,6,8) RESPECTIVELY
5,7,9									1L	TST							
SL	1/2 AK9	M							1L(SL)	GRD				O	25.5	24	MOUNTED WITH (TLA)
									1L(SL)	GRD				NO	11.8	12.5	
SL	1/2	N							1U(SL)	GRD				O	25.5	24	MOUNTED WITH (TLA)
	F51877								1U(SL)	GRD				NO	11.8	12.5	

TEST NOTES:
 1. ARMATURE BACK TENSION TEST MIN 15 GRAMS READJ MIN 20 GRAMS.
 2. ARM. TRVL 40±1; ARM. BASE GAP SPL 30±2.

TWO WAY TRUNK CIRCUIT TO CENTRAL OFFICE
 SD-65752-01-F1
 BELL TELEPHONE LABORATORIES, INC
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CIRCUIT REQUIREMENTS

APPARATUS				MECH REQ				CIRCUIT PREPARATION				DIRECT CURRENT FLOW REGT				REMARKS		
DESIG	CODE	OPTION	FIG.	BSP FIG.	CONT PRESS	ARM TRVL	BLOCK OR INSULATE	TEST CLIP DATA		TEST SET PREP	SEE TEST NOTE	TEST WDG	TEST FOR	AFTER SOAK	TEST		READJ	
				CONN BAT.	CONN GRD			TEST WDG	TEST FOR	AFTER SOAK	TEST	READJ						
SR	AG34								U(SR)	GRD				0	FS	18	17	
									U(SR)	GRD				H	FS	3	2.8	
									U(SR)	GRD				R	FS	1.5	1.8	
TLA	1/2 AK9	M							2U(TLA)	GRD				0		7.7	7.3	
																	MOUNTED WITH (SL)	
TLA	1/2	N							1L(TLA)	GRD				0		7.7	7.3	
	F51877																MOUNTED WITH (SL)	
TT	AJ12								1M(TT)	GRD				0		42.5	40.5	
IC	1/2 AK4		6						1L(IC-)	GRD	1			0		11.9	11.3	
	0.2,4,6,8																MOUNTED WITH (IC1,3,5,7,9)	
IC	1/2 AK4		6						1U(IC-)	GRD	1			0		11.9	11.3	
	1,3,5,7,9																MOUNTED WITH (IC0,2,4,6,8)	
RS	AG53	XP							5B(RT)	GRD				P	O	FS	65	62
									5B(RT)	GRD				P	H	FS	12	11.4
									5B(RT)	GRD				P	R	FS	5.9	6.6
									5B(RT)	B/G				S	O	FS	65	80

TEST NOTES:
 1. CONNECT TEST CLIP TO RELAY BEING TESTED.

TWO WAY TRUNK CIRCUIT TO CENTRAL OFFICE
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