SHEET INDEX

FIG.	CONTENTS	SHEET NO.	ISSUE NO. 10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	OLD SHEET NO.
	SHEET INDEX SUPPORTING INFORMATION CIRCUITS MODIFIED TABLE	A1	10																		
	SHEET INDEX (CONT)	A2	10																		
1 2 3 4 5 8 9	STATION LINE CKT STATION LINE CKT STATION LINE CKT TRUNK CKT-MULTIPLE OF NO. 2 OR 2A ORDER TURRET TRUNK CKT INDIVIDUAL TWO-WAY LINE CKT-INDIVIDUAL PER NO. 4 ORDER TURRET POSITION GROUND AUXILIARY SIGNAL CKT TRUNK SLEEVE CKT	B1	10																		-011
6 7 10 11 12	INDIVIDUAL OUTGOING LINE CKT-INDIVIDUAL PER NO. 4 ORDER TURRET POSITION TWO-WAY OVERFLOW LINE CKT-COMMON TO MAX 10 NO. 4 ORDER TURRET POSITIONS STATION LINE CKT WITH LINE RELAY TRUNK CKT FOR USE WITH MANUAL LONG LINE CKT MODIFICATION OF CENT. OFF. TRUNK CABLE CKT	B2	10																		-011
13 18 19 20	TRUNK CKT-MULTIPLE OF NO. 6A ORDER TURRET TRUNK CKT TRUNK CKT-MULTIPLE OF LINES OF 101A, 101B, OR 102A KEY EQUIP CENT. OFF. TRUNK CKT ARRANGED FOR NIGHT JACK NIGHT CONNECTION PATCH CORD	B3	10																		-011 -018
14 15	MODIFICATION OF BAT, BUZZER, AND RING. SUPPLY CKT OF SINGLE POSITION 555 PBX FOR USE WITH KS-15668 RECTIFIER MODIFICATION OF BAT, BUZZER, AND RING. SUPPLY CKT OF TWO POSITION 555 PBX FOR USE WITH KS-15668 RECTIFIER	B4	10																		-012
16 17	MODIFICATION OF BAT, BUZZER, AND RING. SUPPLY CKT OF SINGLE POSITION 555 PBX FOR USE WITH KS-15668 RECTIFIER MODIFICATION OF BAT, BUZZER, AND RING. SUPPLY CKT OF TWO POSITION 555 PBX FOR USE WITH KS-15668 RECTIFIER	B5	10																		-012
	CIRCUIT NOTES 101 & 102	D1	10																		-013
	CIRCUIT NOTES 103 TO END	D2	10																		-013
	TRANSMISSION TEST REQT TABLE OPTIONS USED TABLE WORKING LIMITS	D3	10																		-013

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BURNS, J. G. 3
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JACKSON, G. C. 5
KLEISS, N. J.
PERRIN, A. B.

DWG ISS	CD ISS	DWG ISS	CD ISS	DWG ISS	CD ISS
1	1	2A	2A	3D	3D
4B	4B	5D	5D	6D	6D
7B	7B	8D	8D	9D	9D

DWG ISSUE	CD ISSUE	DATE ISSUED	DRAWN	APPD
10D	9D APPID	6-19-63	CRA	LEV EvoL PD

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, OR A NEW SHEET IS ADDED.
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.
6. "OLD SHEET NO." REFERS TO SHEET NO. PRIOR TO ISSUE: 10D

CIRCUITS MODIFIED BY THIS DRAWING
SD-66520-01

SUPPORTING INFORMATION

CATEGORY	NO.
EQUIPMENT INFO	ED-65818-01

SD-66537-01

PBX SYSTEMS
NO. 555 STATION LINE CIRCUITS
FOR JACK PER STATION 2 PARTY LINE COMMERCIAL OFFICE SUBSCRIBER SETS LONG STATION LINES, ORDER TURRET NO. 1 OR 4 BUSINESS OFFICE OR SPECIAL ORDER SERVICE
TRUNK CIRCUITS
FOR ORDER TURRETS NO. 2, 2A, OR 6A AND KEY EQUIPMENT NO. 101A, 101B, OR 102A CENTRAL OFFICE TRUNKS ARRANGED FOR NIGHT JACK
MODIFICATION OF EXISTING CIRCUITS (STAL)

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17 SHEETS

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SHEET INDEX (CONT)

FIG.	CONTENTS	SHEET NO.	ISSUE NO. 10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	OLD SHEET NO.
	CIRCUIT REQT TABLE	F1	10																				-014
51 52 53	FOR FIG. 4 & 8 FOR FIG. 5 FOR FIG. 7	G1	10																				-015
54 55 56 57	FOR FIG. 1 FOR FIG. 1 & 2 FOR FIG. 3 FOR FIG. 4, 8, & 9	G2	10																				-016
58 59	FOR FIG. 5 FOR FIG. 6	G3	10																				-016
60 61 62	FOR FIG. 7 FOR FIG. 10 FOR FIG. 11 & 12	G4	10																				-016
63 64 65	FOR FIG. 8, 9, & 13 FOR FIG. 14 & 16 FOR FIG. 15 & 17	G5	10																				-016 -017
66 67	FOR FIG. 8, 9, & 18 FOR FIG. 19	G6	10																				-017 -016

DRAWING ISSUE
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PBX SYSTEMS
NO. 555
STATION LINE AND TRUNK CIRCUITS

SD-66537-01-A2

(2)

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DRAWING ISSUE
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FIG. 1
STATION LINE CKT.
(CROSS-CONNECTION FIGS. 54 AND 55)

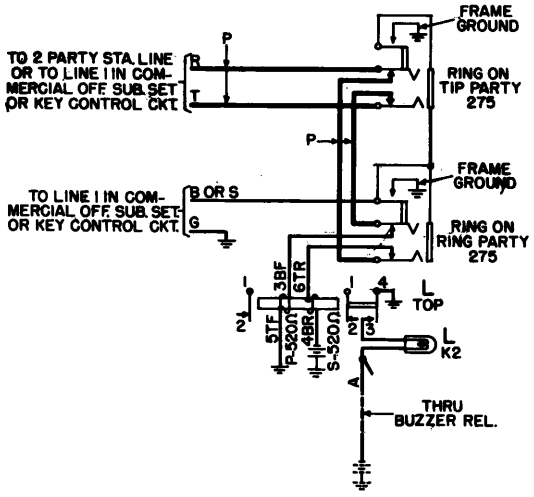


FIG. 2
STATION LINE CKT.
(CROSS-CONNECTION FIG. 55)

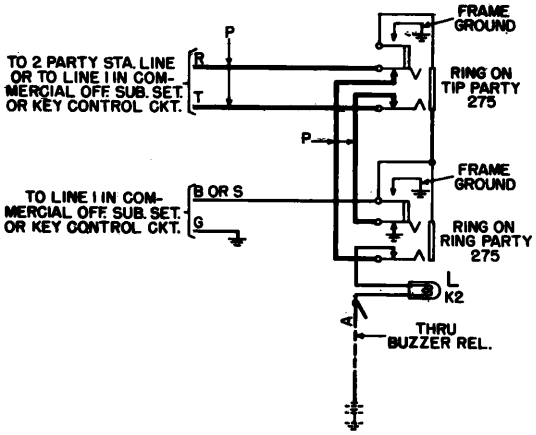


FIG. 3
STATION LINE CKT.
(CROSS-CONNECTION FIG. 56)

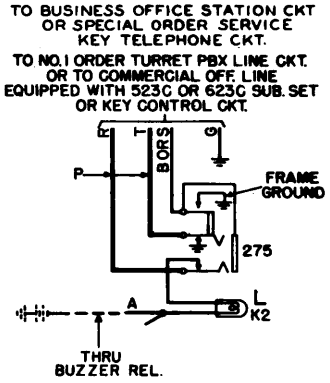


FIG. 4
TRUNK CIRCUIT
MULTIPLE OF NO. 2 OR 2A
ORDER TURRET TRUNK CIRCUIT
(CROSS-CONNECTION FIG. 57)

FIG. 9
TRUNK SLEEVE CKT
(CROSS-CONNECTION FIG. 57 OR 63)

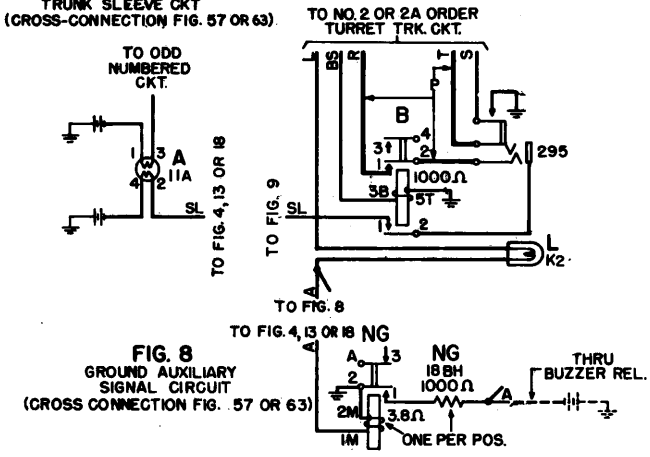
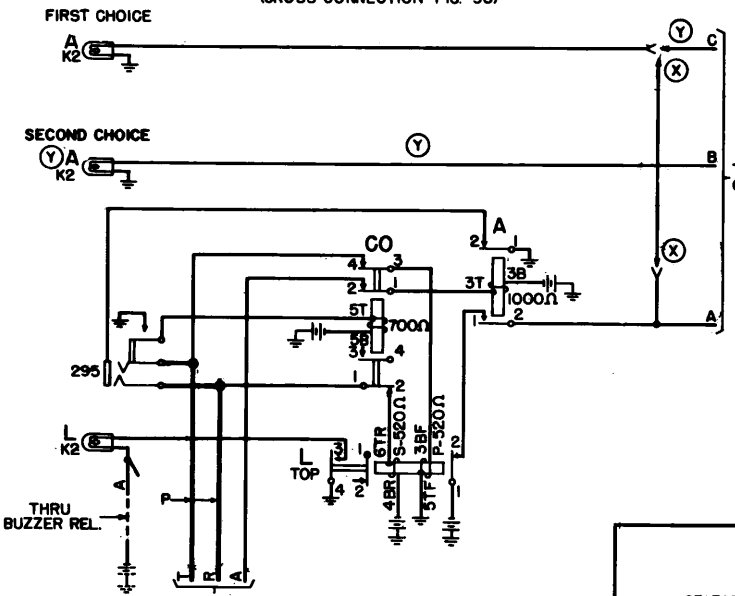


FIG. 8
GROUND AUXILIARY
SIGNAL CIRCUIT
(CROSS CONNECTION FIG. 57 OR 63)

FIG. 5
INDIVIDUAL TWO-WAY LINE CIRCUIT
INDIVIDUAL PER NO. 4
ORDER TURRET POSITION
(CROSS-CONNECTION FIG. 58)



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PBX SYSTEMS
NO. 555
STATION LINE AND TRUNK CIRCUITS
(2)

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FIG. 6
INDIVIDUAL OUTGOING LINE CIRCUIT
INDIVIDUAL PER NO.4 ORDER TURRET POSITION
(CROSS-CONNECTION FIG. 59)

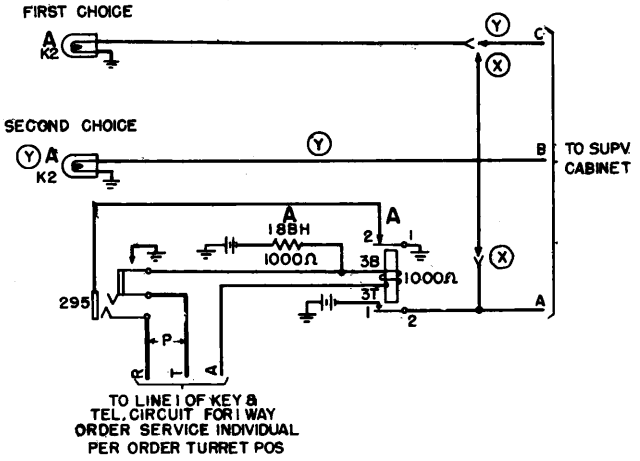


FIG. 10
STATION LINE CKT.
WITH LINE RELAY
(CROSS-CONNECTION FIG. 61)

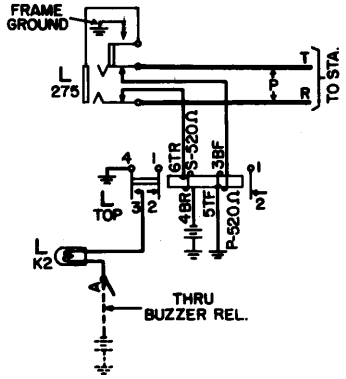


FIG. 7
TWO-WAY OVERFLOW LINE CKT. COMMON TO MAX. 10 NO.4
ORDER TURRET POSITIONS (CROSS-CONNECTION FIG. 60)

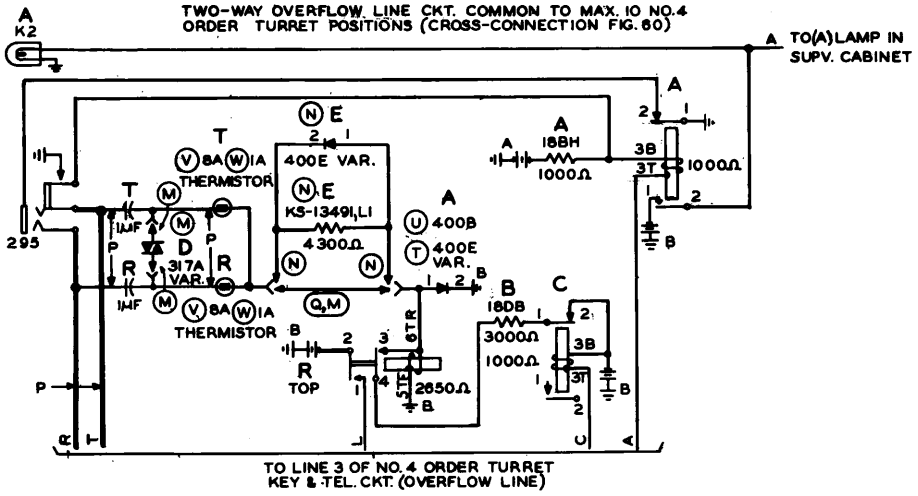
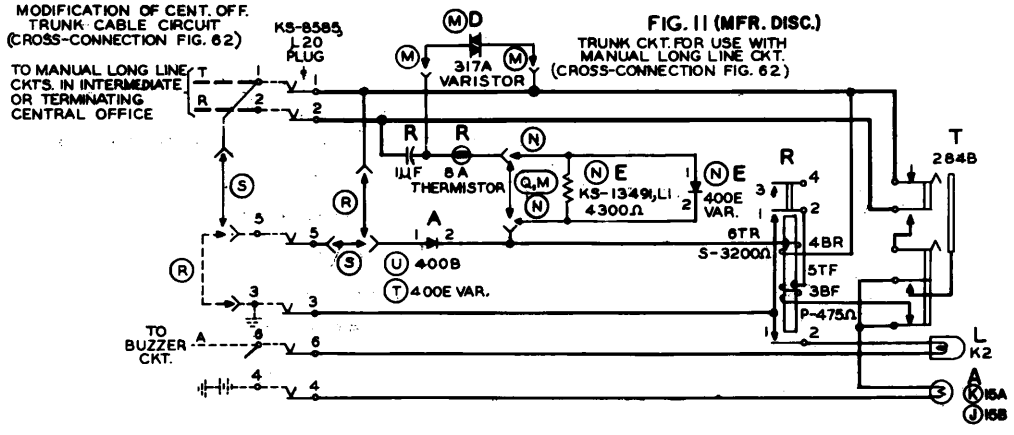


FIG. 12
MODIFICATION OF CENT. OFF. TRUNK CABLE CIRCUIT
(CROSS-CONNECTION FIG. 62)

FIG. 11 (MFR. DISC.)
TRUNK CKT. FOR USE WITH MANUAL LONG LINE CKT.
(CROSS-CONNECTION FIG. 62)



PBX SYSTEMS
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FIG. 13
TRUNK CIRCUIT
MULTIPLE OF NO. 6A
ORDER TURRET TRUNK CIRCUIT
(CROSS-CONNECTION FIG. 63)

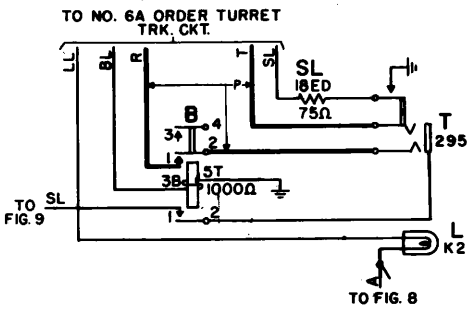


FIG. 18
TRUNK CIRCUIT
MULTIPLE OF LINES OF NO. 101A, 101B OR 102A KEY EQUIPMENT

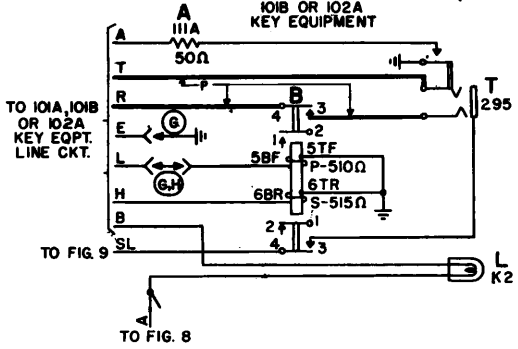


FIG. 19
CENTRAL OFFICE TRUNK CIRCUIT
ARRANGED FOR NIGHT JACK
(CROSS-CONNECTION FIG. 67)

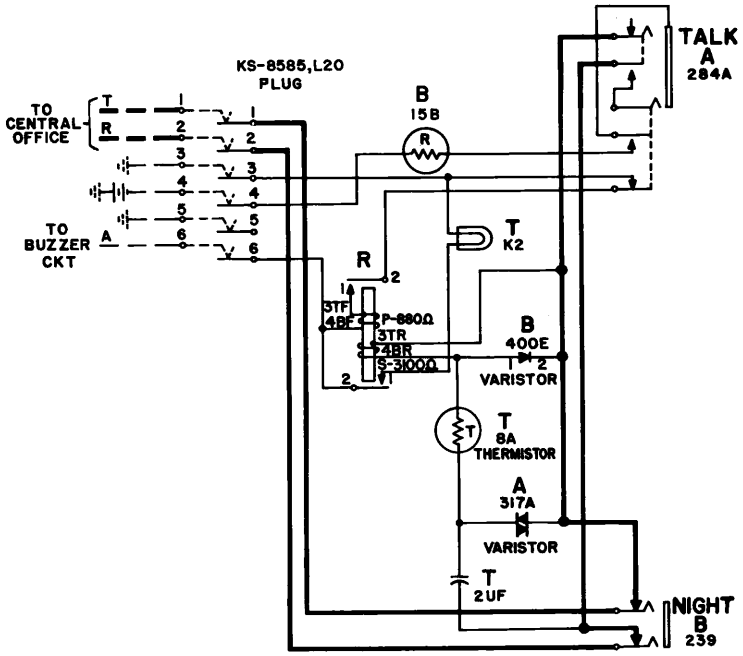
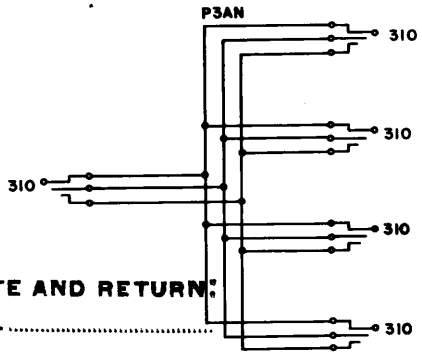


FIG. 20
NIGHT CONNECTION
PATCH CORD
(SEE NOTE 105)



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STATION LINE AND TRUNK CIRCUITS

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FIG. 14
MODIFICATION OF BATTERY, BUZZER AND RINGING SUPPLY CIRCUIT OF SINGLE POSITION 555 PBX FOR USE WITH KS-15668 RECTIFIER

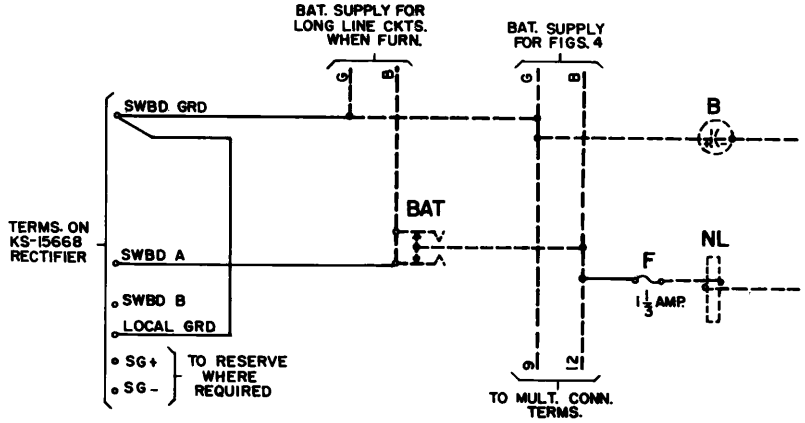
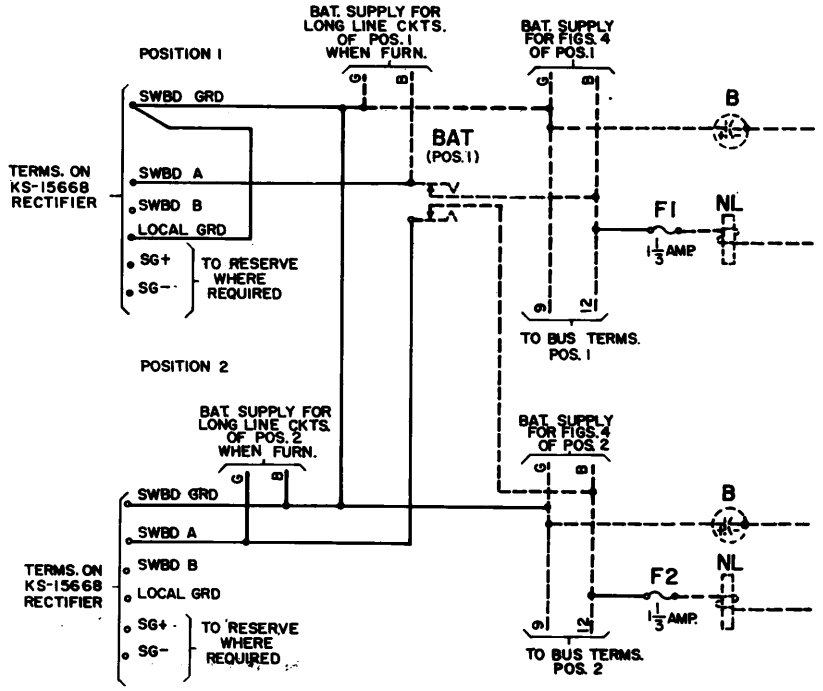


FIG. 15
MODIFICATION OF BATTERY, BUZZER AND RINGING SUPPLY CIRCUIT OF TWO POSITION 555 PBX FOR USE WITH KS-15668 RECTIFIER



PBX SYSTEMS
NO. 555
STATION LINE AND TRUNK CIRCUITS

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FIG. 16
MODIFICATION OF BATTERY, BUZZER AND RINGING SUPPLY CIRCUIT OF SINGLE POSITION 555 PBX FOR USE WITH KS-15668 RECTIFIER

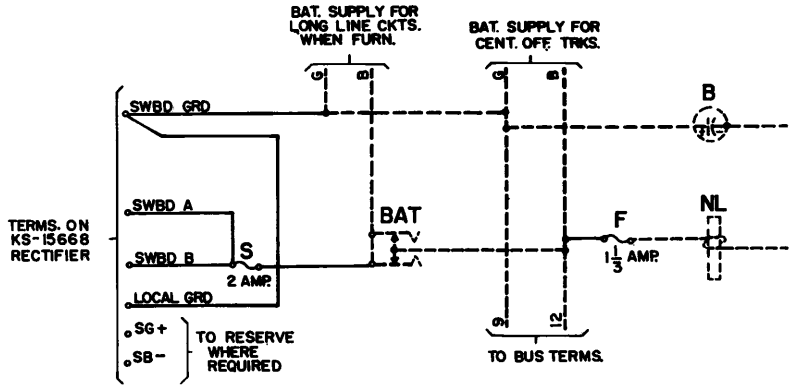
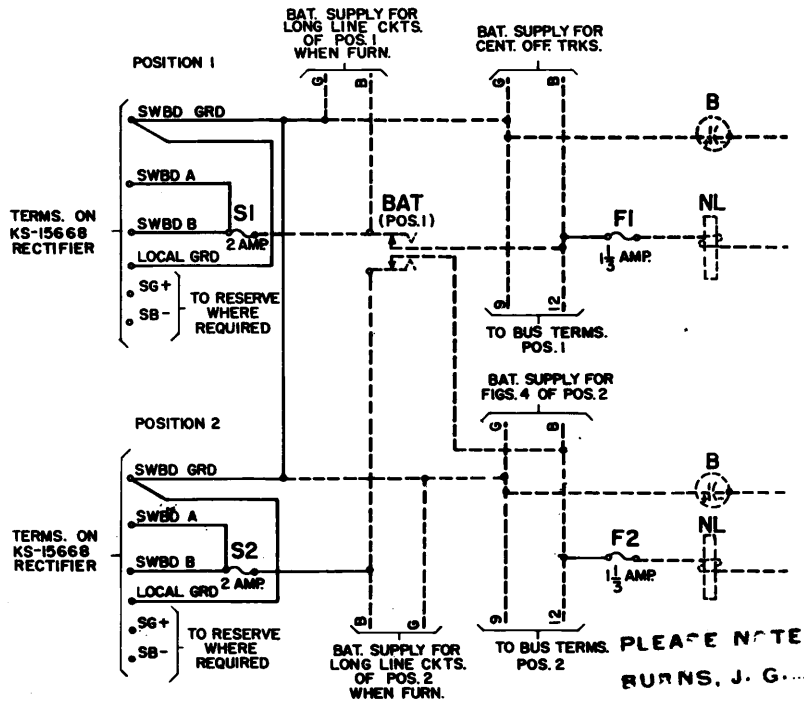


FIG. 17
MODIFICATION OF BATTERY, BUZZER AND RINGING SUPPLY CIRCUIT OF TWO POSITION 555 PBX FOR USE WITH KS-15668 RECTIFIER



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PBX SYSTEMS
NO. 555
STATION LINE AND TRUNK CIRCUITS (2)

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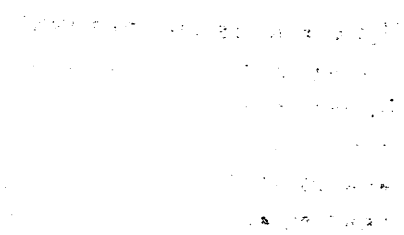
E-74264-3 (8-61)



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CIRCUIT NOTES:

101. (A) PROVIDE BAT. FROM POSITION BAT. CKT. THRU BAT. CUT-OFF KEY FOR FIGS. 1,9,10 AND 11.

(B) PROVIDE ONE 1-1/3 AMP. FUSE FROM THE PBX BAT. FOR EACH FIVE OR LESS FIGS. 5 OR 6 WHEN THERE IS A BAT. ASSOC. WITH THE PBX. OTHERWISE SUPPLY BAT. DIRECT FROM POSITION BAT. CKT. THRU THE BAT. CUT-OFF KEY.

(C) PROVIDE ONE 1-1/3 AMP. FUSE FROM THE PBX BAT. FOR BAT. DESIGNATED "A" FOR EACH FIG. 7, AND PROVIDE ONE 1/3 AMP. FUSE FROM THE ORDER TURRET BAT. FOR BAT. DESIGNATED "B" FOR EACH FIG. 7 WHEN THE PBX AND THE ORDER TURRET ARE SUPPLIED FROM SEPARATE BATS.

(D) PROVIDE ONE 1-1/3 AMP. FUSE COMMON FOR BATS. DESIGNATED "A", AND "B" FOR EACH FIG. 7 WHEN THE PBX AND THE ORDER TURRET ARE SUPPLIED FROM THE SAME BAT.

102.

FEATURE OR OPTION					PROVIDE		
					FIGS.	APP. OR WIR.	QUANTITY
LINE CKTS.	TWO PARTY JK. PER STA.			WITH LINE REL.	1		1 PER LINE
				WITHOUT LINE REL.	2		1 PER LINE
	COM. OFFICE	WITH SELECTIVE SIGNALING		WITH LINE REL.	1		1 PER LINE
				WITHOUT LINE REL.	2		1 PER LINE
		WITHOUT SELECTIVE SIGNALING			3		1 PER LINE
	NO. 1 ORDER TURRET				3		1 PER LINE
	NO. 4 ORDER TURRET	INDIVIDUAL		TWO WAY	5		1 PER ORD. TUR. POS.
				ONE WAY OUTGOING	6		1 PER ORD. TUR. POS.
			AVAILABILITY LAMP CHOICE	1ST ONLY		X	1 PER LINE
				1ST & 2ND		Y	1 PER LINE
		COMMON TWO WAY (OVERFLOW)			7		1 PER MAX. 10 ORD. TUR.
	INDIVIDUAL WITH LINE RELAY				10		1 PER LINE
TRUNK AND ASSOC. CKTS.	NO. 2 OR 2A ORDER TURRET CENT. OFF TRK. CKT.			MULT. APPEARANCE	4		1 PER TRK.
				GRD. AUX. SIG. CKT.	8		1 PER GRP. OF TRKS. COMMON TO ONE ORDER TURRET AUX. SIG. CKT.
				SLEEVE CKT.	9		1 PER 2 TRKS.
	NO. 6A ORDER TURRET CENT. OFF. TRK. CKT.			MULT. APPEARANCE	13		1 PER TRK.
				GRD. AUX. SIG. CKT.	8		1 PER GRP. OF TRKS. COMMON TO ONE ORDER TURRET AUX. SIG. CKT.
				SLEEVE CKT.	9		1 PER 2 TRKS.
	101A, 101B OR 102A KEY EQUIPMENT			MULTIPLE APPEARANCE	18		1 PER TRK.
				GRD. AUX. SIG. CKT.	6		1 PER GRP. OF TRKS. COMMON TO KEY EQPT.
				SLEEVE CKT.	9		1 PER TWO TRKS.
WHEN 555 PBX IS USED WITH RECTIFIER POWER SUPPLY	WHEN RECTIFIER IS ACCESSIBLE FOR REPLACEMENT OF FUSES		SINGLE POS. PBX		14		1 PER INSTALLATION
			TWO POS. PBX		15		
	WHEN RECTIFIER IS NOT ACCESSIBLE FOR REPLACEMENT OF FUSES		SINGLE POS. PBX		16		
			TWO POS. PBX		17		
CENTRAL OFFICE TRUNK CKT ARRANGED FOR NIGHT JACK					19		1 PER TRUNK

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JACKSON, G. C. .....

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PERRIN, A. B .....

PBX SYSTEMS

NO. 555
STATION LINE AND TRUNK CIRCUITS (2)

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CIRCUIT NOTES: (CONT)

103. GROUND DESIGNATED "B" FIG. 7 SHALL BE SUPPLIED FROM THE BAT. DESIGNATED "B".

104.

RECORD OF FIGURES, WIRING, AND APPARATUS CHANGES							
CHANGED ON ISS.	IF JOB RECORDS DO NOT SPECIFY	THIS OPTION WAS FURN.	SEE NOTE	USE IN CIRCUIT			
				STD.	A&M	M.D.	
3D	W OR V	W		V		W	
3D	U OR T	U		T		U	
3D				FIG. B			
3D	S OR R	S		R		S	
4B	Q OR N	Q		N		Q	
5D				FIGS. 14, 15, 16, 17			
7B	M	C OR N		M		N	
8D				FIG. 18			
9D						FIG. 11	
9D	J OR K	K		J		K	
9D				FIGS. 19, 20			
9D	G OR H	G		H		G	

105. A MAXIMUM OF FOUR HIGH IMPEDANCE RINGING BRIDGES SHALL BE CONNECTED TO A TRUNK NIGHT JACK. A MAXIMUM OF TWO HIGH IMPEDANCE BRIDGES SHALL BE CONNECTED TO A TRUNK TALK JACK.

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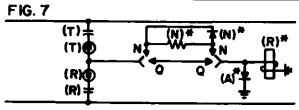
100	CRA

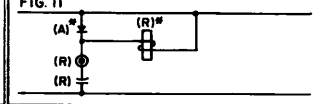
TRANSMISSION TEST REQUIREMENTS
(1000 CYCLE LOSS BETWEEN 600Ω LINES)

FIG. 7



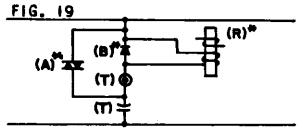
MAX. ALLOWABLE CKT. LOSS (db)
.0,1

FIG. 11



MAX. ALLOWABLE CKT. LOSS (db)
0.2

FIG. 19



MAX. ALLOWABLE CKT LOSS (db)
0.2

ALLOWABLE INDIVIDUAL APPARATUS LOSSES (db)

APPARATUS	DESIG	CODE	MAX LOSS	MIN LOSS	REMARKS
CAPACITOR	T,R	1UF	8.5	6.6	FOR FIGS. 7&11
CAPACITOR	T	2UF	13.7	11.7	FOR FIG. 19
THERMISTOR	T,R	1A OR 8A	0.2		

*INDICATES APPARATUS FOR WHICH IND LOSSES ARE NOT REQ

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JACKSON, G. C.

KLAISS, M. J.

PERRIN, A. B.

16-52V.

WORKING LIMITS

	STATION SIGNALING			TRUNK SIGNALING	
	FIGS. 1,8 & 10	FIG.7	FIGS. 2&3	FIGS.4&5	FIG.11
MAX. EXT. CKT. LOOP	750Ω	1200Ω	200Ω	200Ω	2000Ω**
MIN. INS. RES.	20,000Ω		*	*	**

MAX. CONDUCTOR RES.
FIG 5,6 OR 7 LEAD "B" OR "C" 200Ω
FIG. 5,6 OR 7 LEAD "A" 50Ω

*COMBINED INS. RES. OF ALL STATION LINE CKTS. WITHOUT LINE RELS. COMMON TO ONE BUZZER CKT.
**INCLUDES LOOP BETWEEN CENT. OFF. AND LONG LINE CKT. AND IS LIMITED BY RANGE OF LONG LINE CKT.

OPTIONS USED			
FIGS.		APP OR WIRING	
1	14	Z	K
2	15	Y	J
3	16	X	H
4	17	W	G
5	18	V	
6	19	U	
7	20	T	
8		S	
9		R	
10		Q	
11			
12		N	
13		M	

PBX SYSTEMS
NO. 555
STATION LINE AND TRUNK CIRCUITS (2)

SD-66537-01-D3

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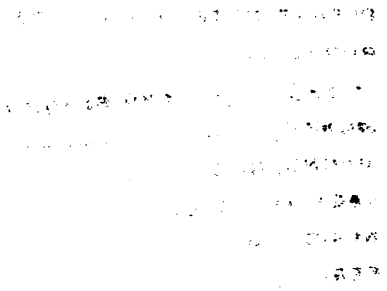
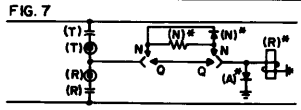


DRAWING ISSUE	
100	CRA

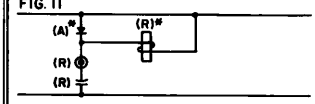
TRANSMISSION TEST REQUIREMENTS (1000 CYCLE LOSS BETWEEN 600Ω LINES)

FIG. 7



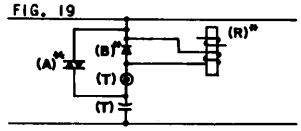
MAX. ALLOWABLE CKT. LOSS (db)
.0.1

FIG. 11



MAX. ALLOWABLE CKT. LOSS (db)
0.2

FIG. 19



MAX. ALLOWABLE CKT LOSS (db)
0.2

ALLOWABLE INDIVIDUAL APPARATUS LOSSES (db)

APPARATUS	DESIG	CODE	MAX LOSS	MIN LOSS	REMARKS
CAPACITOR	T,R	1UF	8.5	6.6	FOR FIGS. 7&11
CAPACITOR	T	2UF	13.7	11.7	FOR FIG. 19
THERMISTOR	T,R	1A OR 8A	0.2		

*INDICATES APPARATUS FOR WHICH IND LOSSES ARE NOT REQ

PLEASE NOTE AND RETURN:

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KLAISS, M. J.

FERR N, A. B

16-52V.

WORKING LIMITS

	STATION SIGNALING			TRUNK SIGNALING	
	FIGS. 1,8 & 10	FIG.7	FIGS. 2&3	FIGS.4&5	FIG.11
MAX. EXT. CKT. LOOP	750Ω	1200Ω	200Ω	200Ω	2000Ω**
MIN. INS. RES.	20,000Ω		*	*	**

MAX. CONDUCTOR RES.
FIG 5,6 OR 7 LEAD "B" OR "C" 200Ω
FIG. 5,6 OR 7 LEAD "A" 50Ω

*COMBINED INS. RES. OF ALL STATION LINE CKTS. WITHOUT LINE RELS. COMMON TO ONE BUZZER CKT.
**INCLUDES LOOP BETWEEN CENT. OFF. AND LONG LINE CKT. AND IS LIMITED BY RANGE OF LONG LINE CKT.

OPTIONS USED			
FIGS.		APP OR WIRING	
1	14	Z	K
2	15	Y	J
3	16	X	H
4	17	W	G
5	18	V	
6	19	U	
7	20	T	
8		S	
9		R	
10		Q	
11			
12		N	
13		M	

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CIRCUIT REQUIREMENTS

NO. 555 STATION LINE AND TRUNK CIRCUITS (STA L)

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APPARATUS DESIG	APPARATUS CODE	APPARATUS OPT.	APPARATUS FIG.	MECH REQT BSP FIG.	MECH REQT CONT PRES	MECH REQT ARM. TRVL	CIRCUIT PREPARATION BLOCK OR INSULATE	TEST CLIP DATA CONN BAT.	TEST CLIP DATA CONN GRD	TEST SET PREP	SEE TEST NOTE	DIRECT CURRENT FLOW REQT TEST WDG	TEST FOR	AFTER SOAK MA	TEST MA	READJ MA	REMARKS
RELAYS																	
A	UA45		5	144/101	SPL	SPL			T(A)	GRD	1,2		O		6.6	6.2	
									T(A)	GRD	1,2		R		1.5	1.6	
A	UA45		6	144/101	SPL	SPL			T(A)	GRD	1,2		O		6.6	6.2	
									T(A)	GRD	1,2		R		1.5	1.6	
A	UA45		7	144/101	SPL	SPL			T(A)	GRD	1,2		O		6.6	6.2	
									T(A)	GRD	1,2		R		1.5	1.6	
B	U1254		4	111/101	H	29		B(B)		BAT			O		9.4	8.9	
B	U1254		13	111/101	H	29		B(B)		BAT			O		9.4	8.9	
B	U723		18	111/110	H	35		BF(B)		BAT		P	O		21	19.6	
								BF(B)		BAT		P	R		5.2	5.4	
								BR(B)		BAT		S	O		21	19.6	
								BR(B)		BAT		S	R		5.2	5.4	
C	UA45		7	144/101	SPL	SPL			T(C)	GRD	1,2		O		6.6	6.2	
									T(C)	GRD	1,2		R		1.5	1.6	
CO	U6050		5	128/110	H	41			T(CO)	GRD			O		15.5	14.6	
L	UA97		1	110/144	H	35		BF(L)	TR(L)	M	3	P/S	O		10	9.5	
								BF(L)	TR(L)	M	3	P/S	R		2.6	2.8	
L	UA97		5	110/144	H	35		BF(L)	TR(L)	M		P/S	O		10	9.5	
								BF(L)	TR(L)	M		P/S	R		2.6	2.8	
L	UA97		10	110/144	H	35		BF(L)	TR(L)	M		P/S	O		10	9.5	
								BF(L)	TR(L)	M		P/S	R		2.6	2.8	
NG	B1166		8	9		30		IM(NG)		BAT			O	100	13.7	13	
								IM(NG)		BAT			R	100	7.2	7.6	
R	UA4		7	111/136	SPL	SPL	2T(C)	TR(R)		BAT	4,5,8		O			3.1	
							2T(C)	TR(R)		BAT	4,5,8		NO			2.3	
							2T(C)	TR(R)		BAT	4,5,8		H			1.7	
										AC	7		O		AC	AC	
R	UA63		11	111/101	H	SPL		TF(R)	BF(R)	B/G	6,7,8	P	O			17	
								BR(R)	TR(R)	B/G	5,6,7,8	S	O		5.7	5.4	
								BR(R)	TR(R)	B/G	5,6,7,8	S	NO		2.4	2.6	
										AC	7						
R	UA144		19	101/101	H	29	2T, 2B(R)		IT(R)	GRD		P	O		9.2	8.7	
							2T, 2B(R)		IT(R)	GRD		P	NO		5.8	6.2	
							2T, 2B(R)	BR(R)	TR(R)	B/G		S	O		4.4		

PLEASE NOTE AND RETURN.

BURNS, J. G.

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KLAISS, M. J.

PERRIN, A. B.

TEST NOTES:

1. CONT PRESS 1-2T 10 GR READJ, 8 GR TEST. ARM BACK TENSION 9 GR READJ, 5 GR TEST.
2. ARM TRVL 29.
3. INSERT PLUG IN JACK.
4. FRONT CONT MAKE-6 READJ, 4 TEST.
5. RELAY ALONE OR CKT COMB RELAY & VAR (A).
6. REMOVE TRK CONNECTOR PLUG.
7. TEST AND READJ REL (R) IN CKT COMB. FOR OPERATION ON RING. CURRENT AS FOLLOWS:

   (A) BY PLUGGING A CORD IN THE TRK CKT JACK AND MANUALLY RINGING OR,
   (B) BY APPLYING MIN. 95V (1100-1200 RPM) RING. CURRENT IN SERIES WITH ONE 13B RES LAMP (OR EQUIVALENT) AND 13,000Ω NON-INDUCTIVE RES TO THE TIP OF THE TRK AT THE PBX. REPEAT TEST (B) TO THE RING OF THE TRK AT THE PBX.

8. ARM TRVL 23.
9. APPLY MIN 95 V (1100-1200 RPM) RING. CURRENT IN SERIES WITH 13B RES LAMP (OR EQUIVALENT) AND 7000Ω NON-INDUCTIVE RES ACROSS THE TIP AND RING OF THE TRUNK AT THE PBX.

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NO. 555
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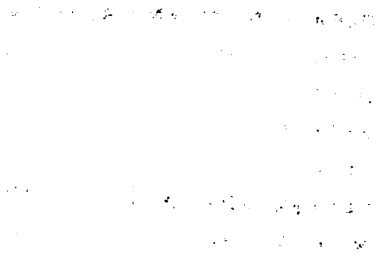


FIG. 51 (MFR. DISC.)
(FOR FIGS. 4 & 8)

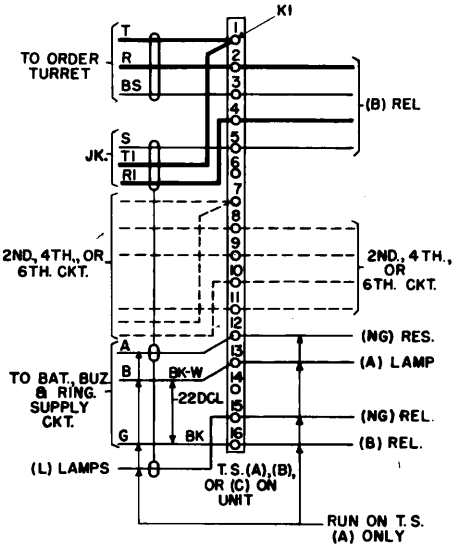
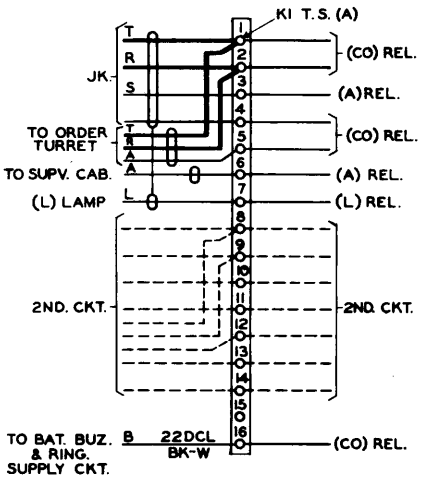


FIG. 52 (MFR. DISC.)
(FOR FIG. 5)



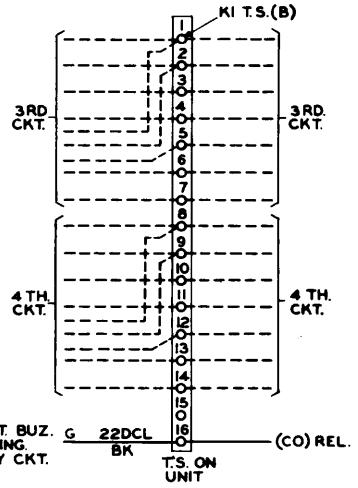
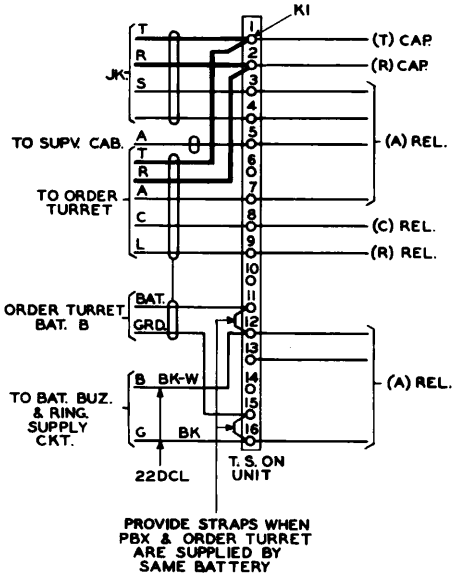


FIG. 53 (MFR. DISC.)
(FOR FIG. 7)



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STATION LINE AND TRUNK CIRCUITS (2)

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FIG. 54

(FOR PART OF FIG. 1)

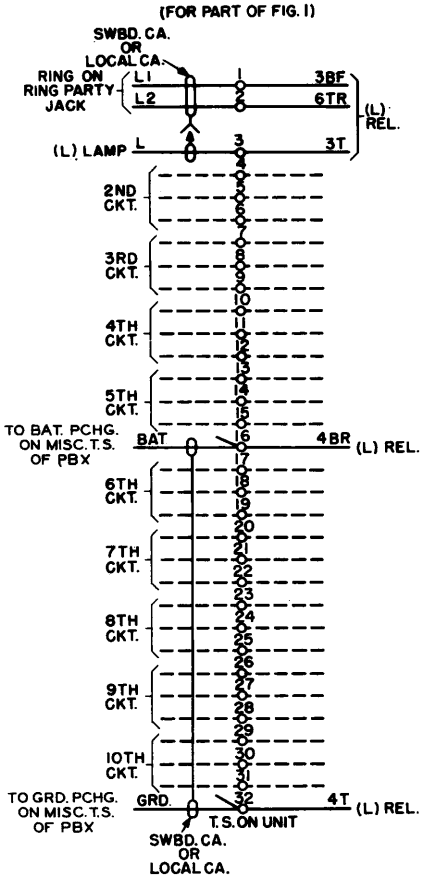


FIG. 55

(FOR PART OF FIG. 1 OR FIG. 2)

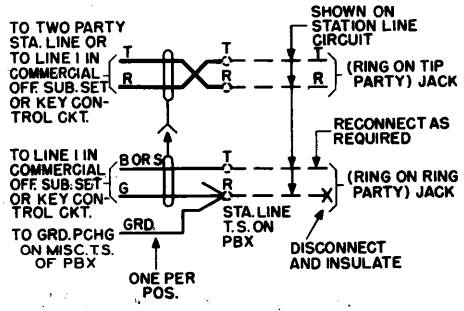


FIG. 56

(FOR FIG. 3)

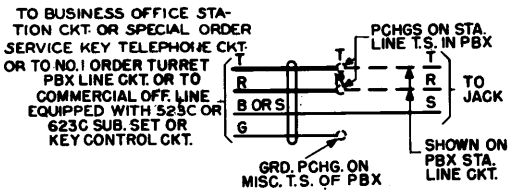
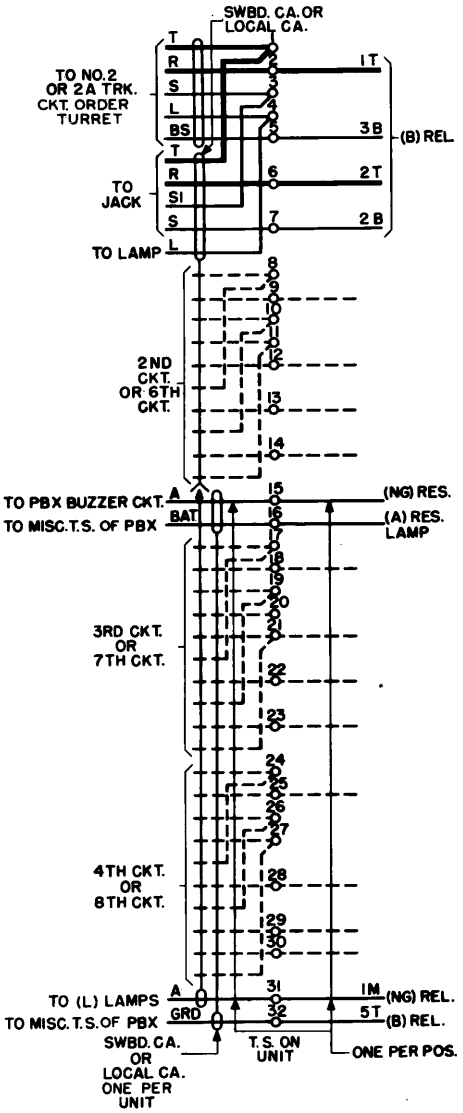


FIG. 57

(FOR FIGS. 4, 8 & 9)



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STATION LINE AND TRUNK CIRCUITS

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FIG. 58
(FOR FIG. 5)

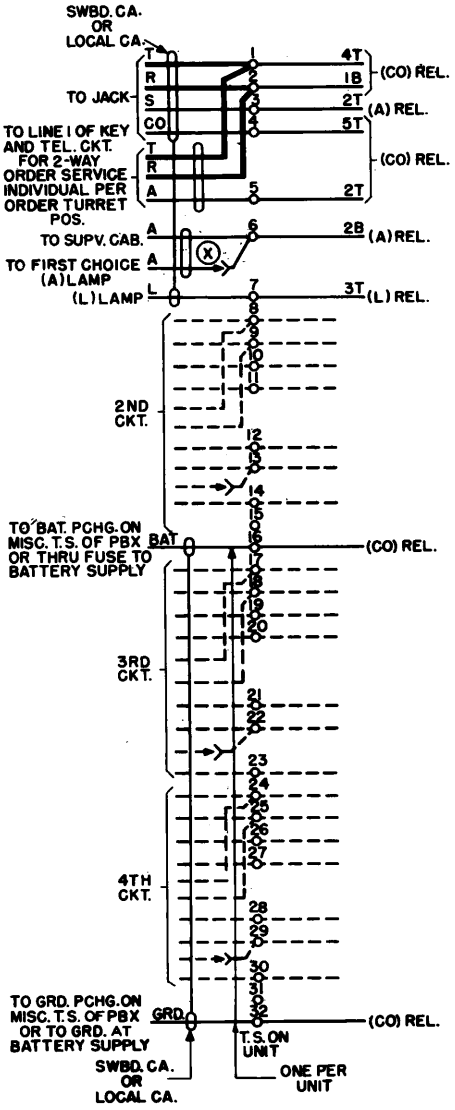

FIG. 59
(FOR FIG. 6)

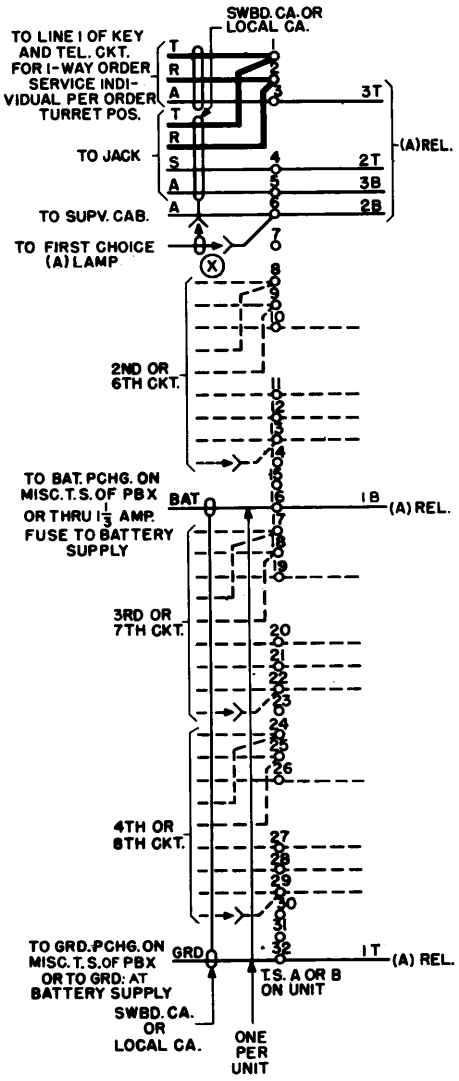

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FIG. 60
(FOR FIG. 7)

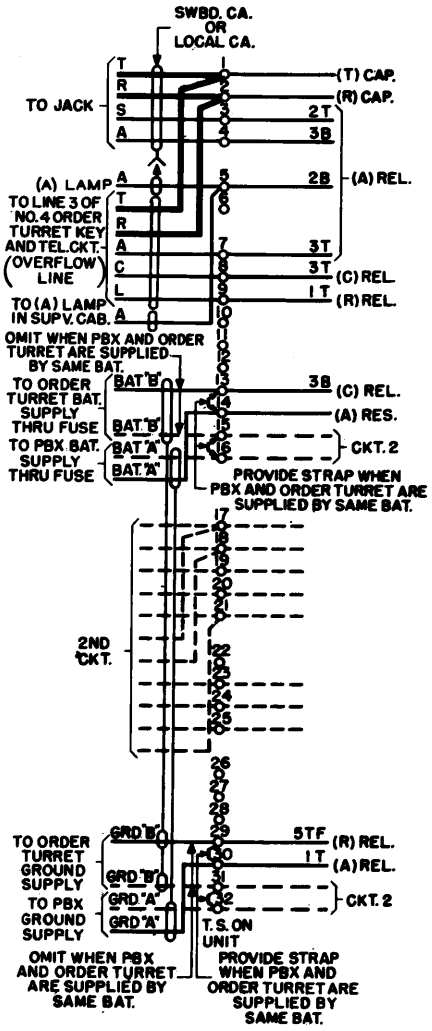

FIG. 61
(FOR FIG. 10)

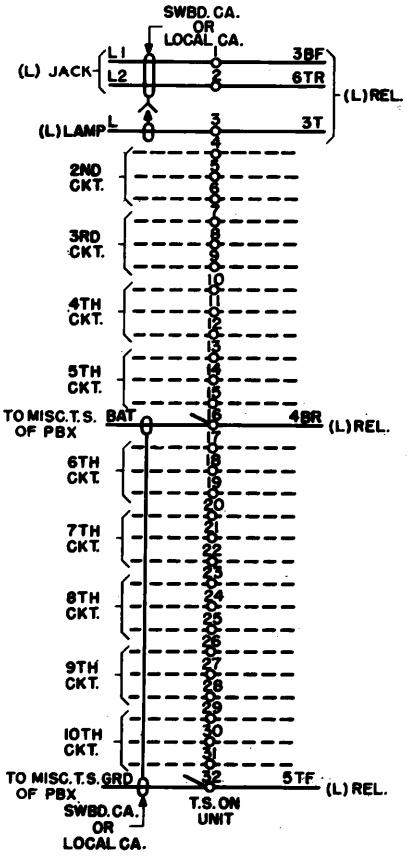

FIG. 62 (MFR. DISC.)
(FOR FIGS. 11 AND 12)

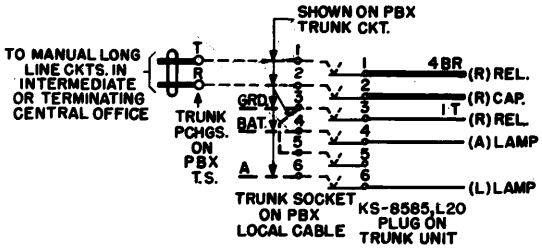

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FIG. 63
(FOR FIG. 8, 9, AND 13)

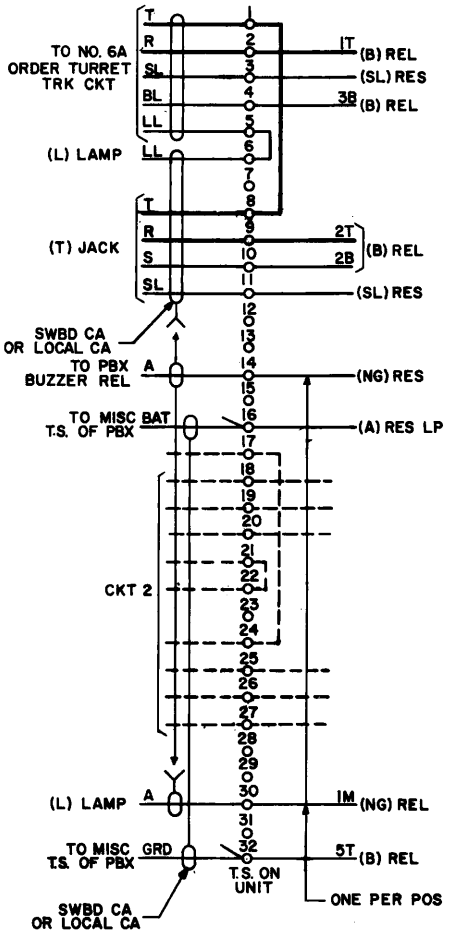


FIG. 64
(FOR FIG. 14 OR FIG. 16)

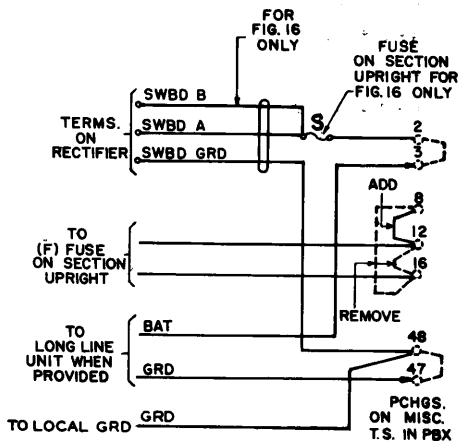
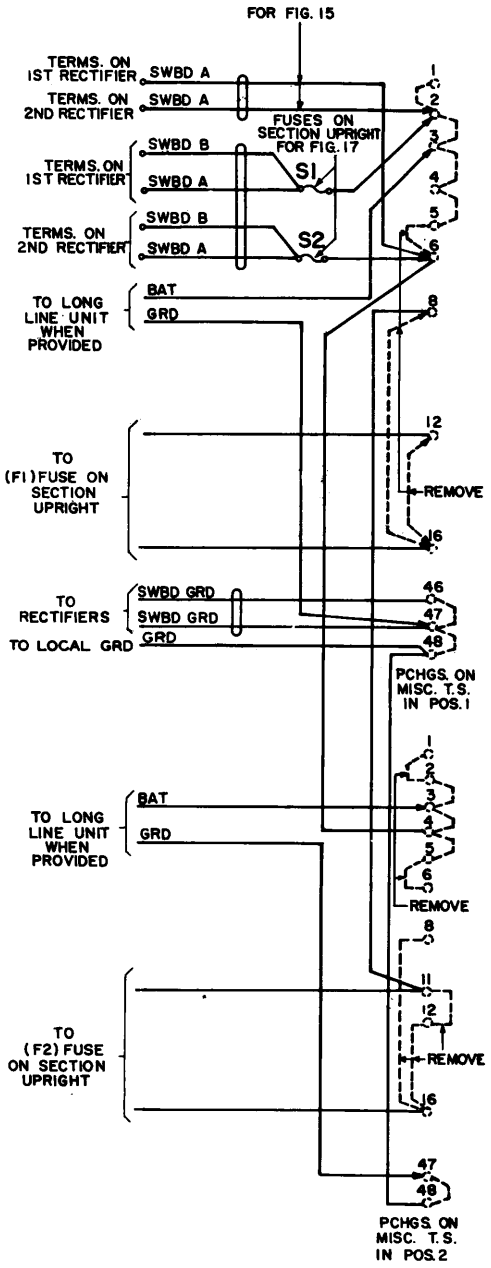


FIG. 65
(FOR FIG. 15 OR FIG. 17)



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PBX SYSTEMS

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STATION LINE AND TRUNK CIRCUITS

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FIG. 66
(FOR FIGS. 8, 9 & 18)

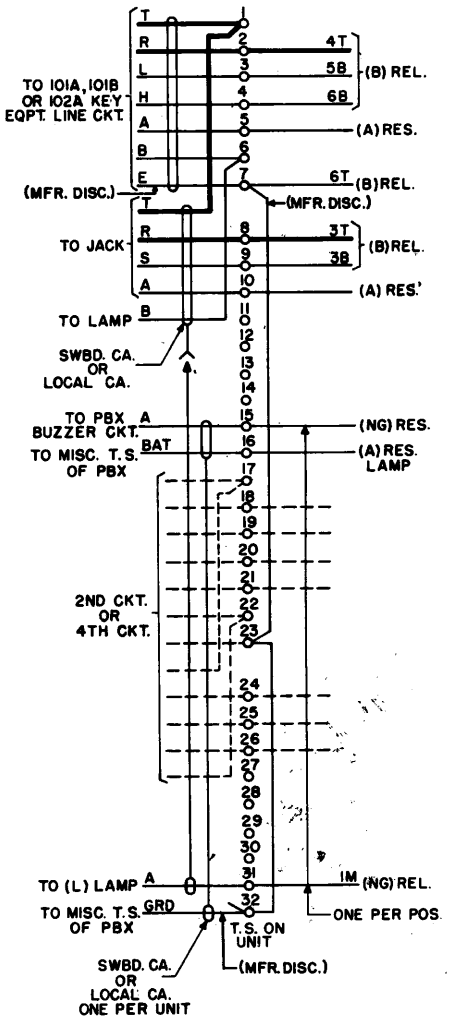
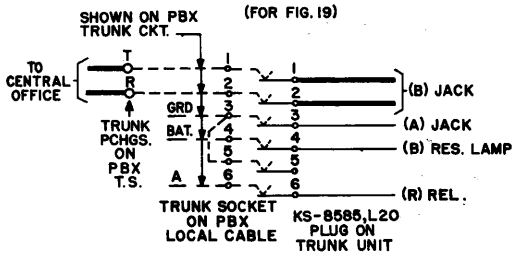


FIG. 67
(FOR FIG. 19)



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