

SD-30200-01		2 PAGES		CIRCUIT REQUIREMENTS		SELECTOR CIRCUIT LOG OR INC. LOG		SELECTOR (INC. LOG SEL.)		PAGE 1	
DESIG.	CODE	OPTION	QTY.	RESID.	BSP.	CONTR.	APPR.	TEST	TEST	TEST	TEST
221A	1	74	726	8	(B) NO	6 (D)	90W/50P	M	1/2A	FS	15.1
221B	1	74	726	8	(B) NO	6 (D)	90W/50P	M	1/2A	FS	15.1
221C	1	74	726	8	(B) NO	6 (D)	90W/50P	M	1/2A	FS	15.1
221D	1	74	726	8	(B) NO	6 (D)	90W/50P	M	1/2A	FS	15.1
221E	1	74	726	8	(B) NO	6 (D)	90W/50P	M	1/2A	FS	15.1
221F	1	74	726	8	(B) NO	6 (D)	90W/50P	M	1/2A	FS	15.1
221G	1	74	726	8	(B) NO	6 (D)	90W/50P	M	1/2A	FS	15.1
221H	1	74	726	8	(B) NO	6 (D)	90W/50P	M	1/2A	FS	15.1
221I	1	74	726	8	(B) NO	6 (D)	90W/50P	M	1/2A	FS	15.1
221J	1	74	726	8	(B) NO	6 (D)	90W/50P	M	1/2A	FS	15.1
221K	1	74	726	8	(B) NO	6 (D)	90W/50P	M	1/2A	FS	15.1
221L	1	74	726	8	(B) NO	6 (D)	90W/50P	M	1/2A	FS	15.1
221M	1	74	726	8	(B) NO	6 (D)	90W/50P	M	1/2A	FS	15.1
221N	1	74	726	8	(B) NO	6 (D)	90W/50P	M	1/2A	FS	15.1
221O	1	74	726	8	(B) NO	6 (D)	90W/50P	M	1/2A	FS	15.1
221P	1	74	726	8	(B) NO	6 (D)	90W/50P	M	1/2A	FS	15.1
221Q	1	74	726	8	(B) NO	6 (D)	90W/50P	M	1/2A	FS	15.1
221R	1	74	726	8	(B) NO	6 (D)	90W/50P	M	1/2A	FS	15.1
221S	1	74	726	8	(B) NO	6 (D)	90W/50P	M	1/2A	FS	15.1
221T	1	74	726	8	(B) NO	6 (D)	90W/50P	M	1/2A	FS	15.1
221U	1	74	726	8	(B) NO	6 (D)	90W/50P	M	1/2A	FS	15.1
221V	1	74	726	8	(B) NO	6 (D)	90W/50P	M	1/2A	FS	15.1
221W	1	74	726	8	(B) NO	6 (D)	90W/50P	M	1/2A	FS	15.1
221X	1	74	726	8	(B) NO	6 (D)	90W/50P	M	1/2A	FS	15.1
221Y	1	74	726	8	(B) NO	6 (D)	90W/50P	M	1/2A	FS	15.1
221Z	1	74	726	8	(B) NO	6 (D)	90W/50P	M	1/2A	FS	15.1
222A	1	154	500	27	(A)	3(A)	GRD 5/6	0	FS	9.8	9.3
222B	1	154	500	27	(A)	3(A)	GRD 5/6	0	FS	9.8	9.3
222C	1	154	500	27	(A)	3(A)	GRD 5/6	0	FS	9.8	9.3
222D	1	154	500	27	(A)	3(A)	GRD 5/6	0	FS	9.8	9.3
222E	1	154	500	27	(A)	3(A)	GRD 5/6	0	FS	9.8	9.3
222F	1	154	500	27	(A)	3(A)	GRD 5/6	0	FS	9.8	9.3
222G	1	154	500	27	(A)	3(A)	GRD 5/6	0	FS	9.8	9.3
222H	1	154	500	27	(A)	3(A)	GRD 5/6	0	FS	9.8	9.3
222I	1	154	500	27	(A)	3(A)	GRD 5/6	0	FS	9.8	9.3
222J	1	154	500	27	(A)	3(A)	GRD 5/6	0	FS	9.8	9.3
222K	1	154	500	27	(A)	3(A)	GRD 5/6	0	FS	9.8	9.3
222L	1	154	500	27	(A)	3(A)	GRD 5/6	0	FS	9.8	9.3
222M	1	154	500	27	(A)	3(A)	GRD 5/6	0	FS	9.8	9.3
222N	1	154	500	27	(A)	3(A)	GRD 5/6	0	FS	9.8	9.3
222O	1	154	500	27	(A)	3(A)	GRD 5/6	0	FS	9.8	9.3
222P	1	154	500	27	(A)	3(A)	GRD 5/6	0	FS	9.8	9.3
222Q	1	154	500	27	(A)	3(A)	GRD 5/6	0	FS	9.8	9.3
222R	1	154	500	27	(A)	3(A)	GRD 5/6	0	FS	9.8	9.3
222S	1	154	500	27	(A)	3(A)	GRD 5/6	0	FS	9.8	9.3
222T	1	154	500	27	(A)	3(A)	GRD 5/6	0	FS	9.8	9.3
222U	1	154	500	27	(A)	3(A)	GRD 5/6	0	FS	9.8	9.3
222V	1	154	500	27	(A)	3(A)	GRD 5/6	0	FS	9.8	9.3
222W	1	154	500	27	(A)	3(A)	GRD 5/6	0	FS	9.8	9.3
222X	1	154	500	27	(A)	3(A)	GRD 5/6	0	FS	9.8	9.3
222Y	1	154	500	27	(A)	3(A)	GRD 5/6	0	FS	9.8	9.3
222Z	1	154	500	27	(A)	3(A)	GRD 5/6	0	FS	9.8	9.3
223A	1	154	500	27	(A)	3(A)	GRD 5/6	0	FS	9.8	9.3
223B	1	154	500	27	(A)	3(A)	GRD 5/6	0	FS	9.8	9.3
223C	1	154	500	27	(A)	3(A)	GRD 5/6	0	FS	9.8	9.3
223D	1	154	500	27	(A)	3(A)	GRD 5/6	0	FS	9.8	9.3
223E	1	154	500	27	(A)	3(A)	GRD 5/6	0	FS	9.8	9.3
223F	1	154	500	27	(A)	3(A)	GRD 5/6	0	FS	9.8	9.3
223G	1	154	500	27	(A)	3(A)	GRD 5/6	0	FS	9.8	9.3
223H	1	154	500	27	(A)	3(A)	GRD 5/6	0	FS	9.8	9.3
223I	1	154	500	27	(A)	3(A)	GRD 5/6	0	FS	9.8	9.3
223J	1	154	500	27	(A)	3(A)	GRD 5/6	0	FS	9.8	9.3
223K	1	154	500	27	(A)	3(A)	GRD 5/6	0	FS	9.8	9.3
223L	1	154	500	27	(A)	3(A)	GRD 5/6	0	FS	9.8	9.3
223M	1	154	500	27	(A)	3(A)	GRD 5/6	0	FS	9.8	9.3
223N	1	154	500	27	(A)	3(A)	GRD 5/6	0	FS	9.8	9.3
223O	1	154	500	27	(A)	3(A)	GRD 5/6	0	FS	9.8	9.3
223P	1	154	500	27	(A)	3(A)	GRD 5/6	0	FS	9.8	9.3
223Q	1	154	500	27	(A)	3(A)	GRD 5/6	0	FS	9.8	9.3
223R	1	154	500	27	(A)	3(A)	GRD 5/6	0	FS	9.8	9.3
223S	1	154	500	27	(A)	3(A)	GRD 5/6	0	FS	9.8	9.3
223T	1	154	500	27	(A)	3(A)	GRD 5/6	0	FS	9.8	9.3
223U	1	154	500	27	(A)	3(A)	GRD 5/6	0	FS	9.8	9.3
223V	1	154	500	27	(A)	3(A)	GRD 5/6	0	FS	9.8	9.3
223W	1	154	500	27	(A)	3(A)	GRD 5/6	0	FS	9.8	9.3
223X	1	154	500	27	(A)	3(A)	GRD 5/6	0	FS	9.8	9.3
223Y	1	154	500	27	(A)	3(A)	GRD 5/6	0	FS	9.8	9.3
223Z	1	154	500	27	(A)	3(A)	GRD 5/6	0	FS	9.8	9.3

192A AND 192B SWITCHES INCLUDE 46A MAGNETS

197A SWITCH INCLUDES 57A MAGNETS

242A PLUG

344 JACK

CIRCUIT NO. 101

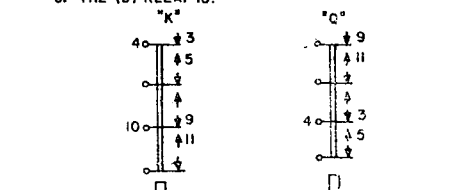
101. WHEN THIS CXT. CONNECTS TO A SUPERVISORY CXT. OR AN ALM. CXT. FOR SEL. FRAMES, OMIT LEADS "BAT" AND "B"; CONNECT GROUND TO JACK SPRING 11 AND CONNECT BATTERY TO JACK SPRING 12. PROVIDE ONE 5 AMP FUSE FROM 48 V. SIGNALING BATTERY PER SHELF OF 20 OR LESS SELS.

FEATURE OR OPTION	REQUIRED	NOT REQUIRED	QUANTITY
WHEN DIAL TONE IS			
OTHER THAN ABOVE			
EXCEPT FOR REP. DIAL. TOLL TRAIN SW.			
REP. DIAL. TOLL TRAIN SW.			
CLASS INDICATION IN OFFICES ARR. FOR AUTOMATIC TRICKING WHEN THIS CXT. IS AN OPERATOR'S FIRST SELECTOR.			
WHEN THIS CIRCUIT IS USED AS A FIRST SEL. AND AUTO. PROCESSING OFFSET SELECTOR PERMANENT SIGNAL IS			

CHANGES	IF JOB RECORDS ON ISS.	THIS OPTION HAS BEEN SPECIFIED	SEE NOTE	USE IN CIRCUIT
5B	197A SW	192A SW	197A	192A
7D	WDR 2	W	2	W
8D	MOR 4	M	N	M
11D	242A SW	222A SW	242A	222A
15D	V	WDR 2	V	2
16D	R	NONE	10B	R
17B	KOR 4	Q	10B	Q
21B	242A SW	222A SW	242A	222A
24D	Y	NONE	X	Y
24B	Y	NONE	X	Y
25D	JX OR Y	X OR Y	102A	J
26D	G OR H	H	G, H	G, H
28D	F	VWDR 2	10B	F

103. CONT. AT UPPER RIGHT

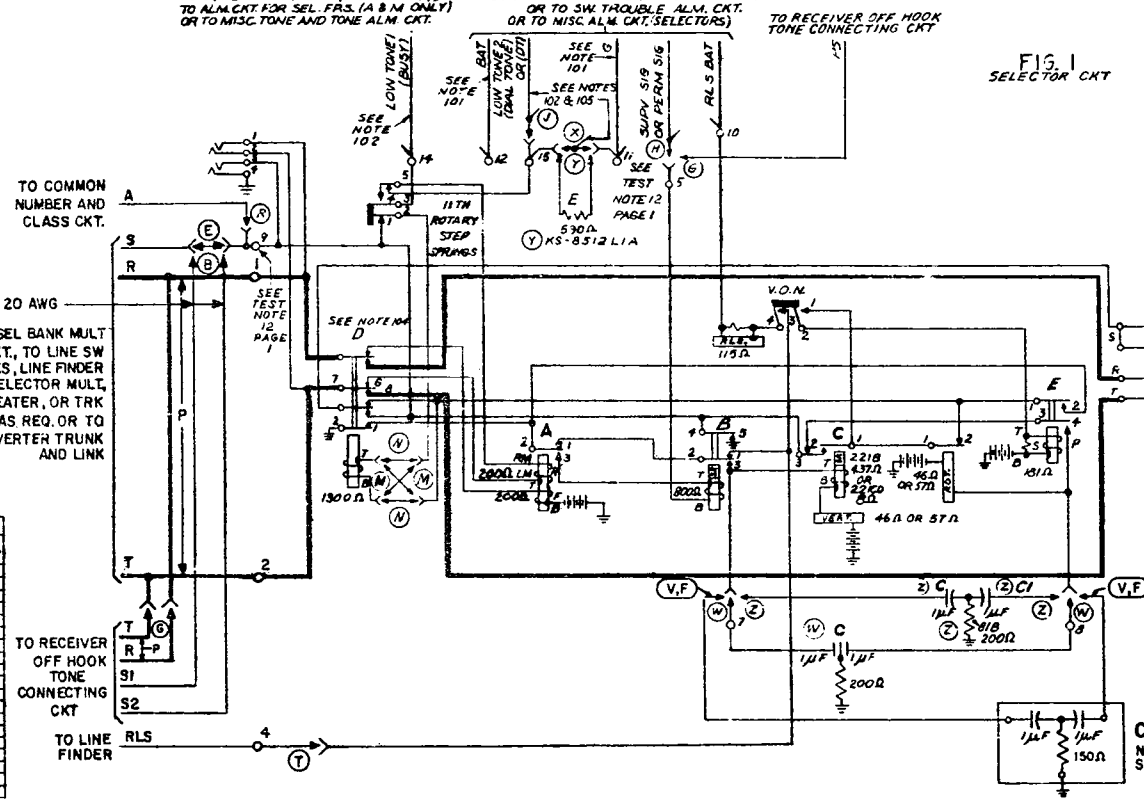
104. THE DIFFERENCE BETWEEN THE WIRING ARRANGEMENTS OF THE (D) RELAY IS:



105. PRIOR TO ISSUE 250, THE MULTIPLE STRAP WAS SHOWN ON JACK SPRING 15.

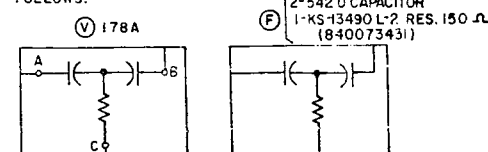
I-10-0050E-02

TO MISC. ALM. CXT. (SELECTORS)
TO SW. TROUBLE ALM. CXT.
TO SUPERVISORY CXT. (A & M ONLY).
TO ALM. CXT. FOR SEL. FRAMES (A & M ONLY).
TO ALM. CXT. FOR SEL. FRAMES (A & M ONLY).
TO MISC. TONE AND TONE ALM. CXT.



CIRCUIT NOTES: (CONT)

106. THE DIFFERENCE BETWEEN THE (C) NETWORKS, OPTIONS V AND F, IS AS FOLLOWS:



103. (CONT)

RECORD OF FIGURES, WIRING AND APPARATUS CHANGES		IF JOB RECORDS ON ISS.		THIS OPTION WAS FURN.		USE IN CIRCUIT	
CHANGED	ON ISS.	IF JOB RECORDS ON ISS.	THIS OPTION WAS FURN.	USE IN CIRCUIT	STO	A & M	N.D.
29B	E, B	E	102	E, B			

FIG. 1
SELECTOR CXT.

FIG. 2 (MFR. DISC.)
BANK MULT.

SUPPORTING INFORMATION

CATEGORY	NO.
EQUIPMENT DRAWING	ED-30200-02
KEYSHEETS	SD-31359-01
NO. 1 OFFICE	SD-31364-01
NO. 350A OFFICE	SD-31780-01
NO. 355A OFFICE	
BSP	226-135-300
MAINTENANCE	226-300-500
	226-300-501
	226-300-503
	226-300-504
	226-305-503
	226-305-504
	226-527-500
	226-527-501
	226-533-500
	226-800-500
	227-185-500
	540-120-503
	540-120-505
	540-120-511
	540-134-701

NOTICE - NOT FOR USE OR DISCLOSURE OUTSIDE THE BELL SYSTEM EXCEPT UNDER WRITTEN AGREEMENT.
REPLACING ES-241824 - REPLACING SD-31735-01 EXCEPT FOR RESTRICTED SERVICE

SD-30200-01 1099
STEP-BY-STEP SYSTEMS
NO. 1 350A OR 355A
3WIRE SELECTOR CIRCUIT
FOR USE AS A LOCAL OR INCOMING SELECTOR
OR AS A REPEATED DIALING
TOLL TRAIN SELECTOR

(LOG SEL.) (ING SEL.)
(ING TOLL SEL.)

BELL TELEPHONE LABORATORIES, INC.

ISSUE 29B

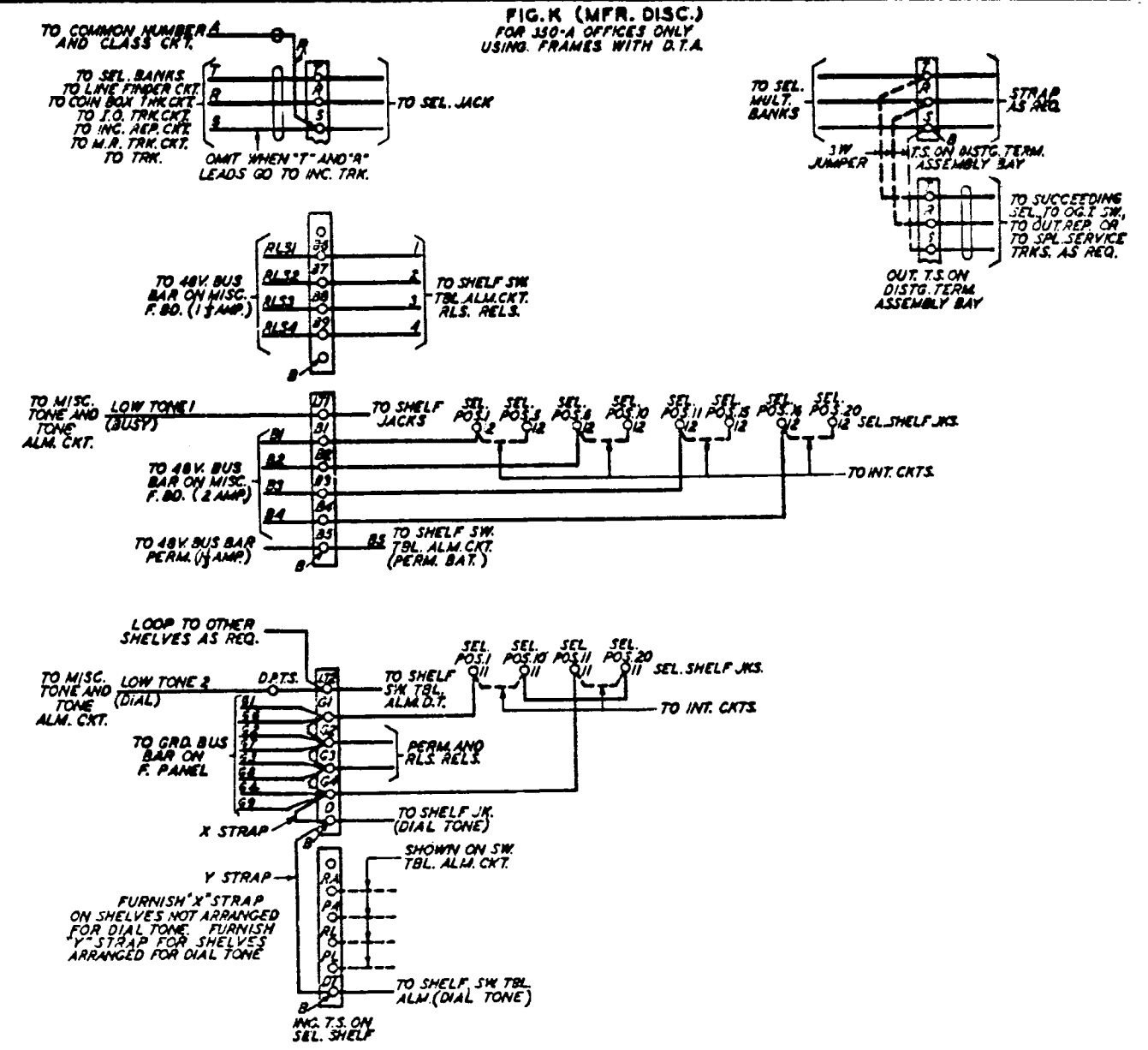
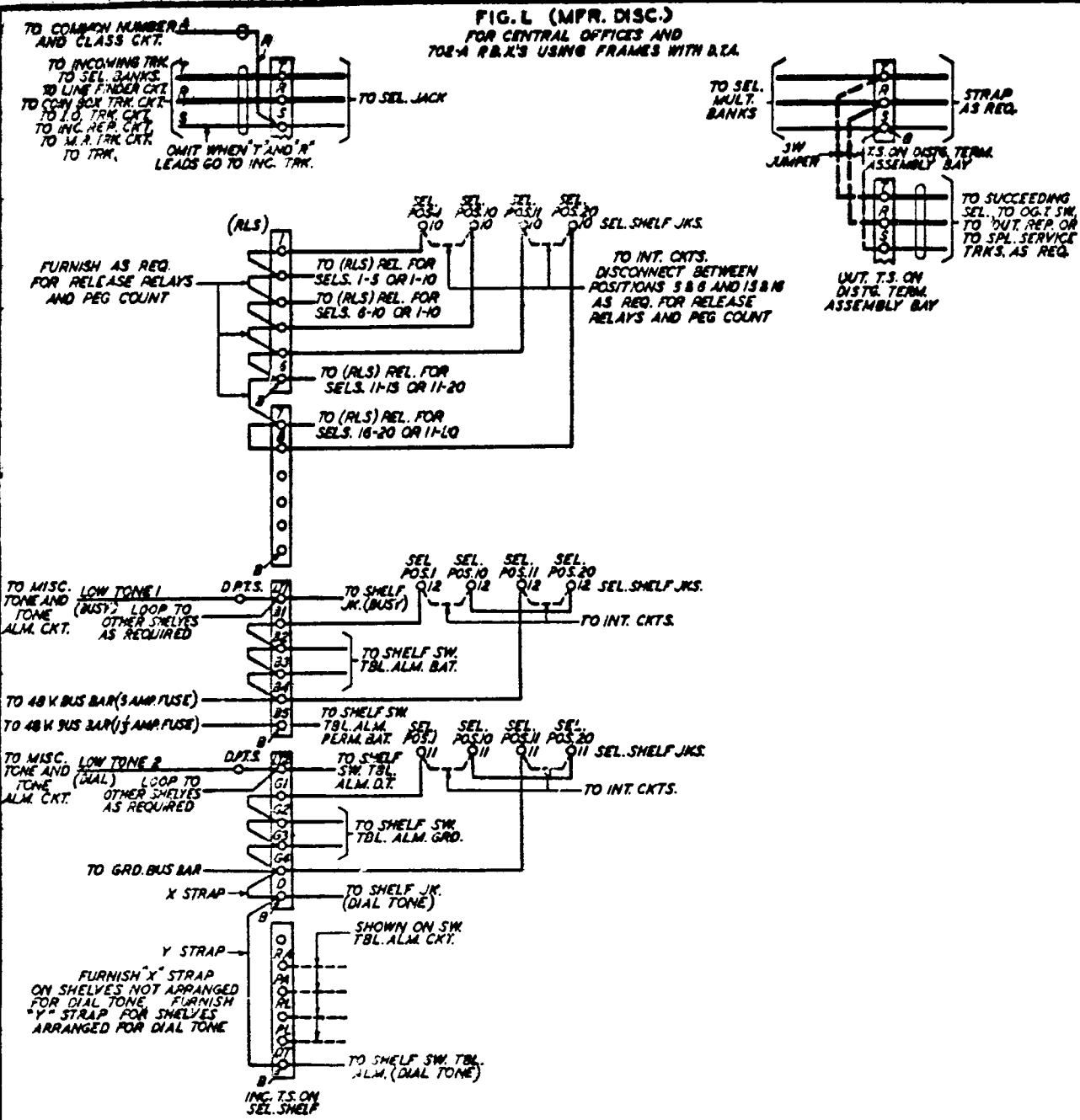
AT&T
STANDARD

A & M ONLY FOR 350A

R1

SD-30200-01-I

4 SHEETS



CKT. NO.	ISSUE
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FIG. KK

FOR MIXING LOCAL AND INCOMING TRUNKS TO SUCCEEDING SELECTORS ON THE SAME SHELVES BY CROSS CONNECTING BOTH AT THE T.D.F. OR FOR CONNECTION TO REPEATER OR TRUNK CKT. AT T.D.F.

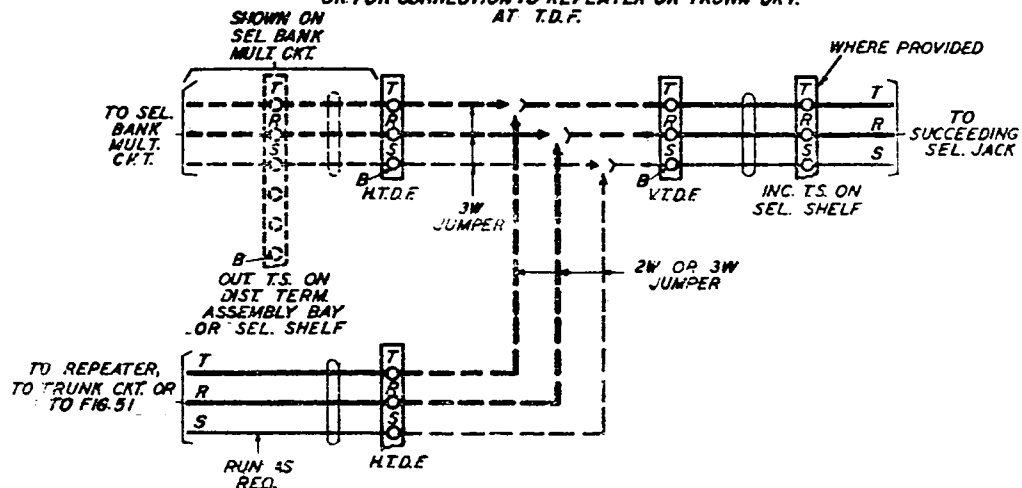


FIG. LL

FOR MIXING LOCAL AND INCOMING TRUNKS TO SUCCEEDING SELECTORS ON THE SAME SHELVES BY CROSS CONNECTING LOCALS AT THE T.D.F. AND INCOMINGS AT THE M.D.F.

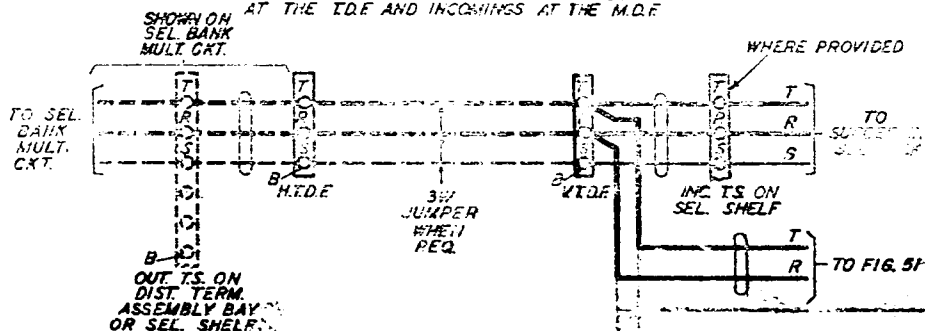
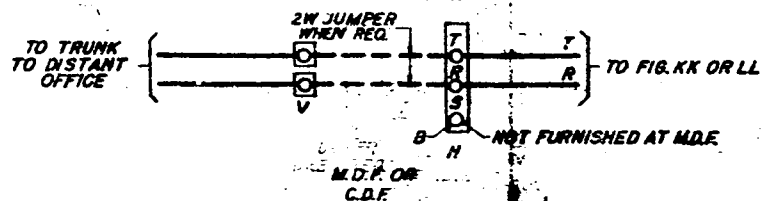


FIG. 51

CROSS CONNECTIONS AT M.D.F. OR C.D.F.



TO COMMON NUMBERS AND CLASS CRT

Y

R

S

T

X

A

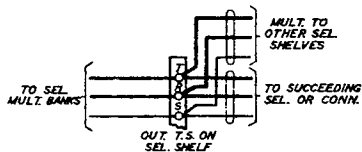
TO SEL. JACK

TO SEL. JACK

TO SEL. JACK

MULT. TO OTHER SEL. SHELVES

QUIT WHEN T AND T LEADS GO TO INC. TRK



TO COMMON NUMBER 1 (R) AND CLASS CRT

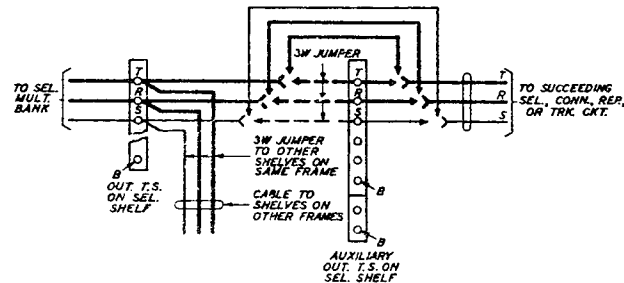
TO LINE FOR SEL. REP. OR TRK. CRT.

TO SW. TBL. ALM. CRT. OR TO MISC. TONE & TONE ALM. CRT.

TO SW. T. S. ON SEL. SHELF.

TO SW. T. S. ON SEL. SHELF.

1000 Hz



201. WHEN THIS UNIT IS USED AS A FIRST SELECTOR AND AUTOMATIC PROCESSING OF FIRST SELECTOR PERMANENT SIGNALS IS REQUIRED PER A OPTION CROSS CONNECTIONS ARE TO BE MADE AT EITHER THE VDF, VTDF OR GDF AS SHOWN ON THE RECEIVER OFF HOOK TONE CONNECTING CIRCUIT SD-33034-01.

203 WHEN B OPTION IS REQUIRED, A TERMINAL IS PROVIDED AT THE ASSOCIATED SELECTOR SHELF 344 TYPE JACK TO FACILITATE THE TRANSFER OF THE S LEAD FROM JACK SPRING 9 TO RECEIVER OFF-HOOK TONE CONN. CKT.

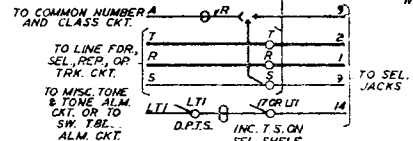
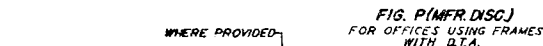


FIG. P(MFR.DISC)
FOR OFFICES USING FRAMES
WITH D.T.A.

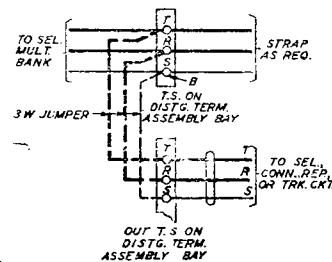


FIG. 52
(FOR FIG.1)

