

SD-30200-01		2 PAGES		CIRCUIT REQUIREMENTS		SELECTOR CIRCUIT LOG OR INC. LOG SELECTOR (INC. TOLL SEL.)		A	
DESIG.	CODE	OPTION	RES.	BSP	CON.	APR.	TEST	TEST	TEST
221A	1	74	726	8	(B) NO	6 (D)	9000000	M	112A
221B	1	74	726	8	(B) NO	6 (D)	9000000	M	112A
221C	1	74	726	8	(B) NO	6 (D)	9000000	M	112A
221D	1	74	726	8	(B) NO	6 (D)	9000000	M	112A
221E	1	74	726	8	(B) NO	6 (D)	9000000	M	112A
221F	1	74	726	8	(B) NO	6 (D)	9000000	M	112A
221G	1	74	726	8	(B) NO	6 (D)	9000000	M	112A
221H	1	74	726	8	(B) NO	6 (D)	9000000	M	112A
221I	1	74	726	8	(B) NO	6 (D)	9000000	M	112A
221J	1	74	726	8	(B) NO	6 (D)	9000000	M	112A
221K	1	74	726	8	(B) NO	6 (D)	9000000	M	112A
221L	1	74	726	8	(B) NO	6 (D)	9000000	M	112A
221M	1	74	726	8	(B) NO	6 (D)	9000000	M	112A
221N	1	74	726	8	(B) NO	6 (D)	9000000	M	112A
221O	1	74	726	8	(B) NO	6 (D)	9000000	M	112A
221P	1	74	726	8	(B) NO	6 (D)	9000000	M	112A
221Q	1	74	726	8	(B) NO	6 (D)	9000000	M	112A
221R	1	74	726	8	(B) NO	6 (D)	9000000	M	112A
221S	1	74	726	8	(B) NO	6 (D)	9000000	M	112A
221T	1	74	726	8	(B) NO	6 (D)	9000000	M	112A
221U	1	74	726	8	(B) NO	6 (D)	9000000	M	112A
221V	1	74	726	8	(B) NO	6 (D)	9000000	M	112A
221W	1	74	726	8	(B) NO	6 (D)	9000000	M	112A
221X	1	74	726	8	(B) NO	6 (D)	9000000	M	112A
221Y	1	74	726	8	(B) NO	6 (D)	9000000	M	112A
221Z	1	74	726	8	(B) NO	6 (D)	9000000	M	112A

192A AND 192B SWITCHES INCLUDE 46A MAGNETS

197A SWITCH INCLUDES 57A MAGNETS

242A PLUG

344 JACK

CIRCUIT NOT. 18

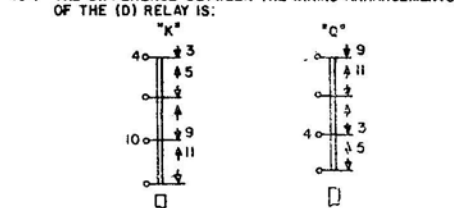
101. WHEN THIS CKT. CONNECTS TO A SUPERVISORY CKT. OR AN ALM. CKT. FOR SEL. FRAMES, OMIT LEADS "BAT" AND "B"; CONNECT GROUND TO JACK SPRING 11 AND CONNECT BATTERY TO JACK SPRING 12. PROVIDE ONE 5 AMP FUSE FROM 48 V. SIGNALING BATTERY PER SHELF OF 20 OR LESS SELS.

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 TRUNKING WHEN THIS CKT. IS AN OPERATOR'S FIRST SELECTOR.			
WHEN THIS CIRCUIT IS USED AS A FIRST SEL. AND AUTO. PROCESSING OFFST. SELECTOR PERMANENT SIGNAL IS			

CHANGES	RECORDS	THIS	OPTION	SEE	USE IN
FIGS.	NO.	FIGS.	NO.	FIGS.	NO.
5B	197A SW	197A SW	197A SW	197A SW	197A SW
7D	WDR 2	WDR 2	WDR 2	WDR 2	WDR 2
8D	MOR N	MOR N	MOR N	MOR N	MOR N
11D	221A SW	221A SW	221A SW	221A SW	221A SW
15D	V	WDR 2	WDR 2	WDR 2	WDR 2
16D	R	WDR 2	WDR 2	WDR 2	WDR 2
17B	KOR 2	KOR 2	KOR 2	KOR 2	KOR 2
20B	221A SW	221A SW	221A SW	221A SW	221A SW
24D	X	WDR 2	WDR 2	WDR 2	WDR 2
24D	X	WDR 2	WDR 2	WDR 2	WDR 2
25D	X	WDR 2	WDR 2	WDR 2	WDR 2
26D	GORN H	GORN H	GORN H	GORN H	GORN H
28D	F	WDR 2	WDR 2	WDR 2	WDR 2

(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 13.

I-10-0050E-02

DESIG.	CODE	OPTION	RES.	BSP	CON.	APR.	TEST	TEST	TEST
221B	1	74	726	8	(B) NO	6 (D)	9000000	M	112A
221C	1	74	726	8	(B) NO	6 (D)	9000000	M	112A
221D	1	74	726	8	(B) NO	6 (D)	9000000	M	112A
221E	1	74	726	8	(B) NO	6 (D)	9000000	M	112A
221F	1	74	726	8	(B) NO	6 (D)	9000000	M	112A
221G	1	74	726	8	(B) NO	6 (D)	9000000	M	112A
221H	1	74	726	8	(B) NO	6 (D)	9000000	M	112A
221I	1	74	726	8	(B) NO	6 (D)	9000000	M	112A
221J	1	74	726	8	(B) NO	6 (D)	9000000	M	112A
221K	1	74	726	8	(B) NO	6 (D)	9000000	M	112A
221L	1	74	726	8	(B) NO	6 (D)	9000000	M	112A
221M	1	74	726	8	(B) NO	6 (D)	9000000	M	112A
221N	1	74	726	8	(B) NO	6 (D)	9000000	M	112A
221O	1	74	726	8	(B) NO	6 (D)	9000000	M	112A
221P	1	74	726	8	(B) NO	6 (D)	9000000	M	112A
221Q	1	74	726	8	(B) NO	6 (D)	9000000	M	112A
221R	1	74	726	8	(B) NO	6 (D)	9000000	M	112A
221S	1	74	726	8	(B) NO	6 (D)	9000000	M	112A
221T	1	74	726	8	(B) NO	6 (D)	9000000	M	112A
221U	1	74	726	8	(B) NO	6 (D)	9000000	M	112A
221V	1	74	726	8	(B) NO	6 (D)	9000000	M	112A
221W	1	74	726	8	(B) NO	6 (D)	9000000	M	112A
221X	1	74	726	8	(B) NO	6 (D)	9000000	M	112A
221Y	1	74	726	8	(B) NO	6 (D)	9000000	M	112A
221Z	1	74	726	8	(B) NO	6 (D)	9000000	M	112A

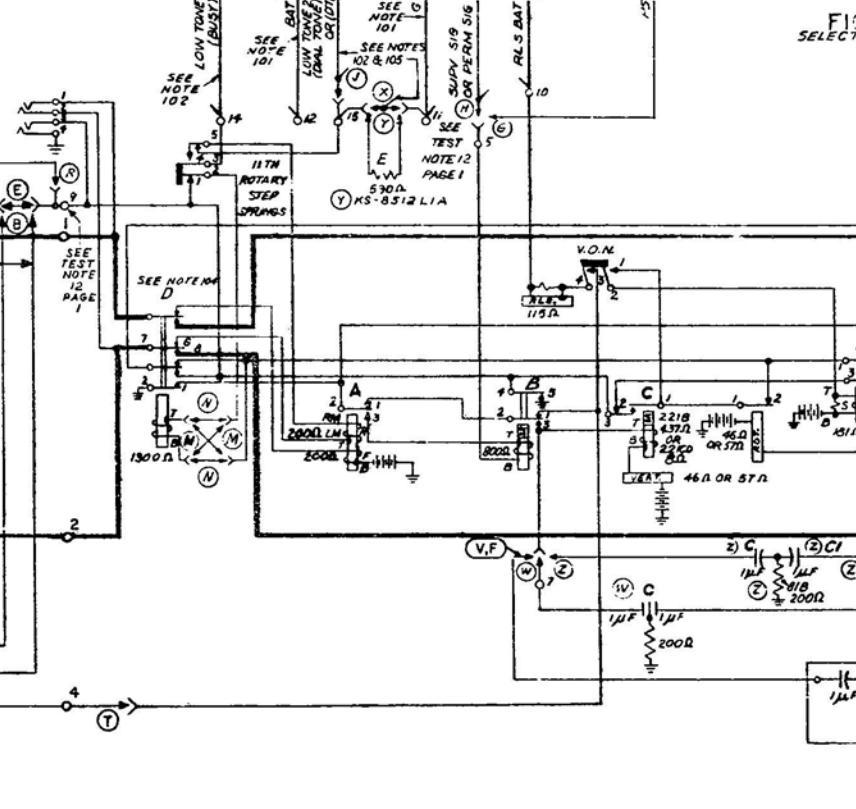
TO MISC. ALM. CKT. (SELECTORS)

TO SW. TROUBLE ALM. CKT.

TO SUPERVISORY CKT. (A & M ONLY)

TO ALM. CKT. FOR SEL. FRAMES (A & M ONLY)

OR TO MISC. TONE AND TONE ALM. CKT.



TO RECEIVER OFF HOOK TONE CONNECTING CKT.

TO LINE FINDER

TO RECEIVER OFF HOOK TONE CONNECTING CKT.

TO LINE FINDER

TO RECEIVER OFF HOOK TONE CONNECTING CKT.

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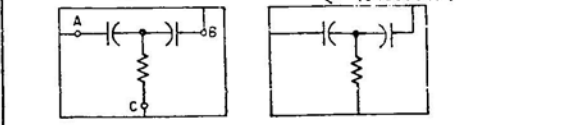
TO LINE FINDER

TO RECEIVER OFF HOOK TONE CONNECTING CKT.

TO LINE FINDER

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

CHANGED ON ISS.

IF JOB RECORDS DO NOT SPECIFY

THIS OPTION WAS FURN.

USE IN CIRCUIT

STD. ARM. M.D.

29B E, B

102 E, B

103 E, B

104 E, B

105 E, B

106 E, B

107 E, B

108 E, B

109 E, B

110 E, B

111 E, B

112 E, B

113 E, B

114 E, B

115 E, B

116 E, B

117 E, B

118 E, B

119 E, B

120 E, B

121 E, B

122 E, B

123 E, B

124 E, B

125 E, B

126 E, B

127 E, B

128 E, B

129 E, B

130 E, B

131 E, B

132 E, B

133 E, B

134 E, B

135 E, B

136 E, B

137 E, B

138 E, B

139 E, B

140 E, B

141 E, B

142 E, B

143 E, B

144 E, B

145 E, B

146 E, B

147 E, B

148 E, B

149 E, B

150 E, B

151 E, B

152 E, B

153 E, B

154 E, B

155 E, B

156 E, B

157 E, B

158 E, B

159 E, B

160 E, B

161 E, B

162 E, B

163 E, B

164 E, B

165 E, B

166 E, B

167 E, B

168 E, B

169 E, B

170 E, B

171 E, B

172 E, B

173 E, B

174 E, B

175 E, B

176 E, B

177 E, B

178 E, B

179 E, B

180 E, B

181 E, B

182 E, B

183 E, B

184 E, B

185 E, B

186 E, B

187 E, B

188 E, B

189 E, B

190 E, B

191 E, B

192 E, B

193 E, B

194 E, B

FOR CENTRAL OFFICES AND
702-A R&X'S USING FRAMES WITH AIA



FOR 350-A OFFICES ONLY
USING FRAMES WITH D.T.A.



ISSUE
29E

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.

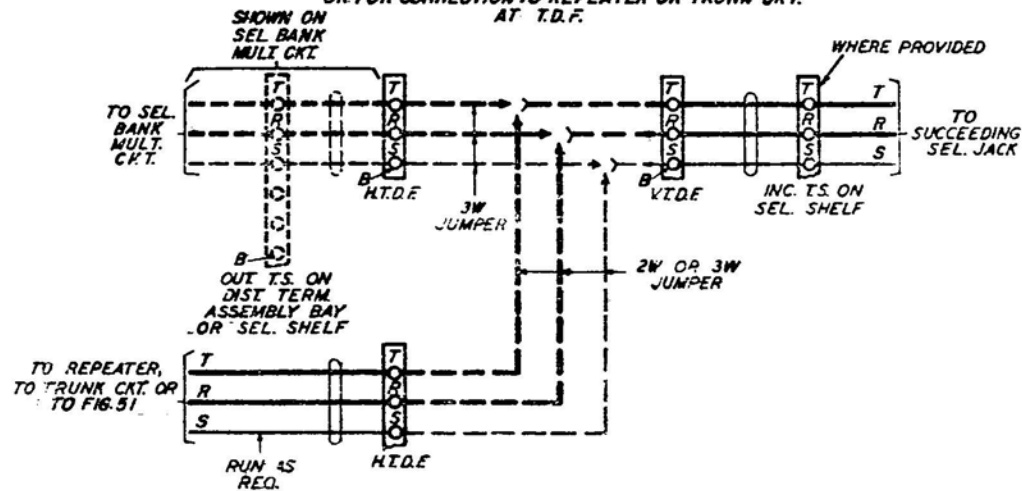


FIG. LL

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.

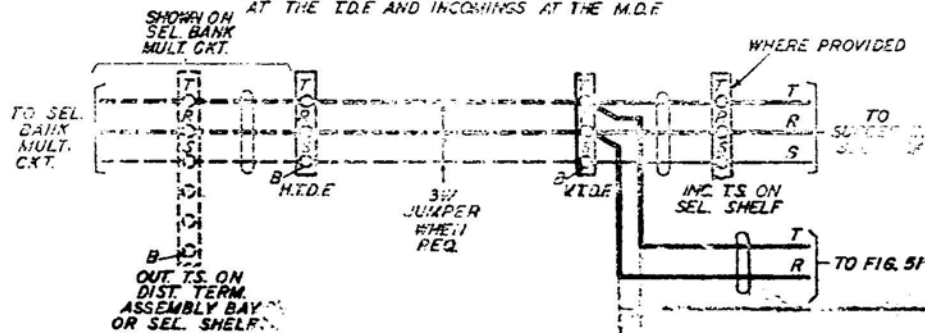
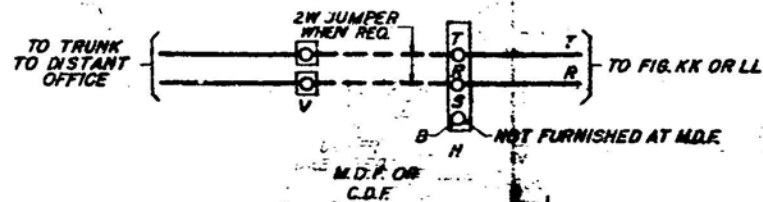


FIG. 51

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

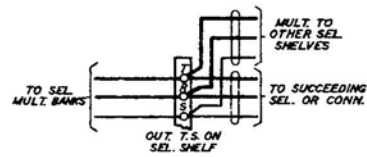
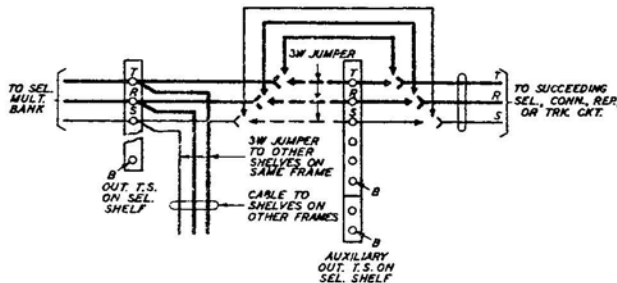


TO COMMON NUMBER 8 AND GLASS CRT.

TO SEL REP BANKS OR TO INC TRK CRT

TO SEL JACK

OMIT WHEN "T" AND "R" LEADS GO TO INC TRK CRT

[illegible]

201. WHEN THIS UNIT IS USED AS A FIRST SELECTOR AND AUTOMATIC PROCESSING OF FIRST SELECTOR PERMANENT SIGNALS IS REQUIRED PER 10 OPTION CROSS CONNECTIONS ARE TO BE MADE AT EITHER THE VDF, VTDF OR CDF 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.

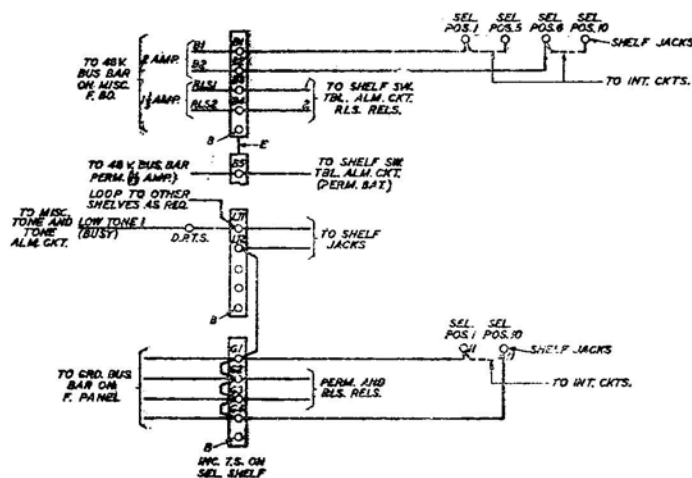
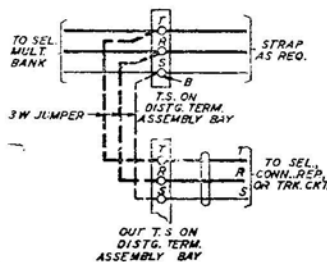
[illegible]

Diagram of the rear panel of a radio receiver showing terminal connections. The panel has terminals labeled PS, 5, 32, SI, T, R, 2, 1, 9, 4, 9, A, and R. Wires connect these terminals to various components: PS to 5 (labeled NO. 20 AWG), 32 to SI, SI to T, T to R, R to 2, 2 to 1, 1 to 9, 9 to 4, 4 to 9, 9 to A, and A to R. Annotations include: "TO RECEIVER OFF HOOK TONE CONNECTING CKT." pointing to the PS-5 connection; "TO LINE FOR, SEL. BANK MULT. CKT., REP. OR TRK. CKT. OR TO CONVERTER TRUNK AND LINK CKT." pointing to the T-R connection; "TO LINE FOR. CKT. WHEN REQ." pointing to the 4-9 connection; "TO COMMON NUMBER AND CLASS CKT." pointing to the A-R connection; "TO SEL. JACKS" pointing to the 1-9 connection; "TERMINAL SEE NOTE 203" pointing to terminal 2; and "SEE NOTE 201" pointing to terminal 1.