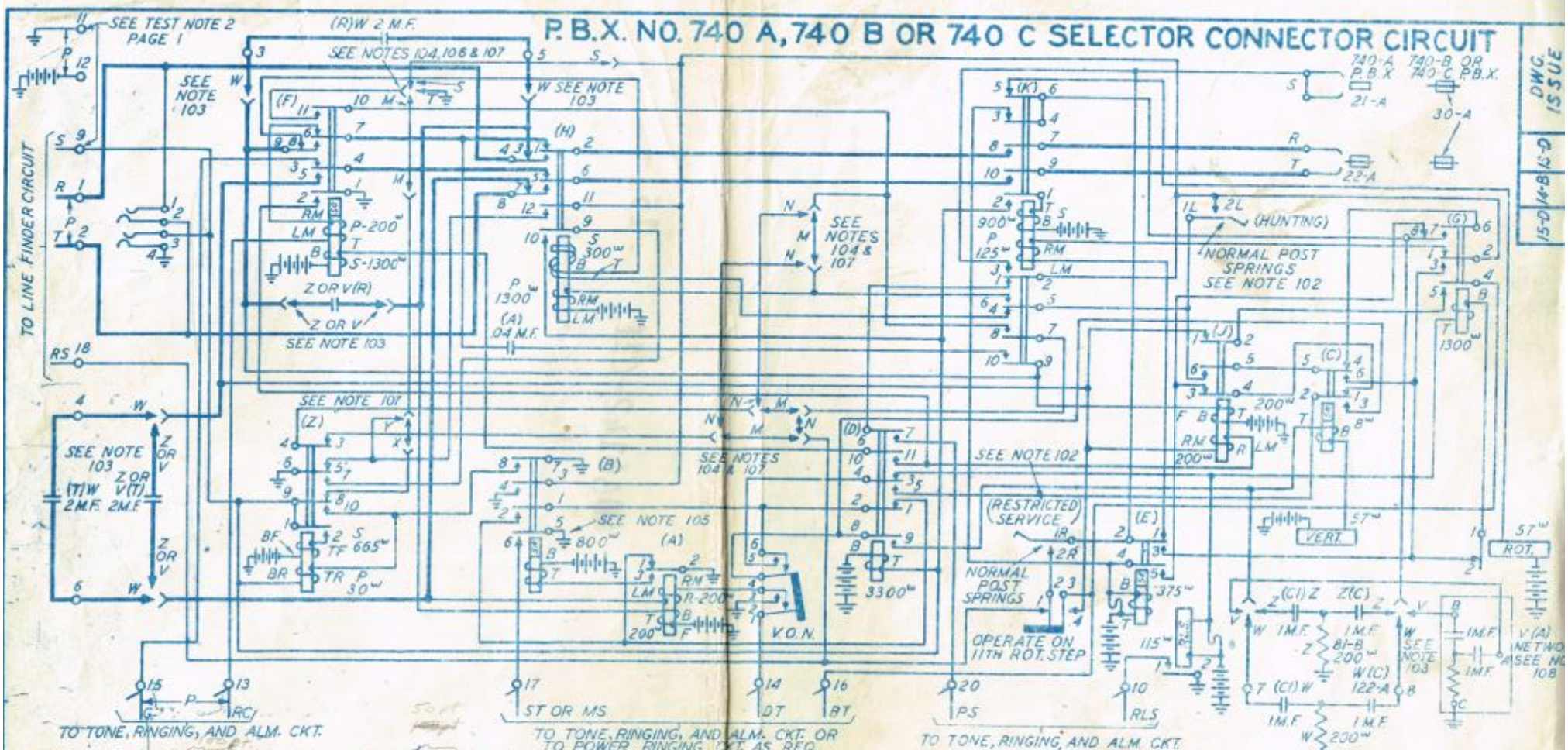
P.B.X. NO. 740 A, 740 B OR 740 C SELECTOR CONNECTOR CIRCUIT



242-B PLUG, 345 JK, 197-BD SW FOR 740-A P.B.X, 197-AY SW FOR 740-B OR 740-C P.B.X.

CIRCUIT NOTES:

101. PROVIDE ONE $1\frac{1}{2}$ AMP. FUSE FOR EACH CKT.

102. (A) THE NORMAL POST SPRINGS OF THE 197-BD SW. SHALL BE ADJUSTED AS FOLLOWS: SPRINGS 1L AND 2L TO CLOSE ON LEVELS 7, 8, 9, AND 10 OR 8, 9, ~~AND 10 OR 9~~ AND 10 OR 10 ALONE. SPRINGS 1R AND 2R TO CLOSE ON LEVELS 9 OR 10.
(B) THE NORMAL POST SPRINGS OF THE 197-AY SW. SHALL BE ADJUSTED TO CLOSE ON LEVEL 5.

103. THE MANUFACTURE OF "W" WIRING AND APPARATUS FOR USE IN THIS CKT. HAS BEEN DISCONTINUED. "W" WIRING AND APPARATUS ARE SUPERSEDED BY "Z" WIRING AND APPARATUS ON ISSUE 5-D. PRIOR TO ISSUE 5-D, "W" WIRING AND APPARATUS WERE A PART OF THE CKT. AND WERE NOT DESIGNATED AND "Z" WIRING AND APPARATUS WERE NOT SHOWN.

104. THE MANUFACTURE OF "M" WIRING FOR USE IN THIS CKT. HAS BEEN DISCONTINUED. "M" WIRING IS SUPERSEDED BY "N" WIRING ON ISSUE 6-B. PRIOR TO ISSUE 6-B, "M" WIRING WAS PART OF THE CKT. AND "N" WIRING WAS NOT SHOWN.

108. THE MFR. OF THE "Z" OPTION FOR USE IN THIS CKT. HAS BEEN DISCONTINUED. THE "Z" OPTION IS SUPERSEDED BY THE "V" OPTION ON ISSUE 15-D.

44-50V.

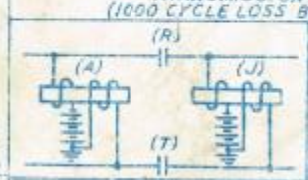
WORKING LIMITS:	STATION
MAX. EXT. CKT. LOOP RES.	400ω
MIN. INSULATION RES.	20,000ω

105. THE MFR. OF THE 222AY REL FOR USE IN THIS CIRCUIT IS RATED "MFR. DISC." AND IS SUPERSEDED BY THE 248C REL ON ISSUE 8D. PRIOR TO ISSUE 8D, THE 248C REL. WAS NOT SHOWN.

106. THE MFR. OF "T" WIRING FOR USE IN THIS CIRCUIT HAS BEEN DISCONTINUED. "T" WIRING IS SUPERSEDED BY "S" WIRING ON ISSUE 13-D. PRIOR TO ISSUE 13-D, "T" WIRING WAS PART OF "N" WIRING AND "S" WIRING WAS NOT SHOWN.

107. THE MFR. OF "N", "S" & "X" WIRING HAS BEEN DISCONTINUED ON ISSUE 14-B AND HAS BEEN SUPERSEDED BY "M" & "Y" WIRING. PRIOR TO ISSUE 14-B, "X" WIRING WAS PART OF CKT. & "Y" WIRING WAS NOT SHOWN.

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



MAX. ALLOWABLE CIRCUIT LOSS
0.8

ALLOWABLE INDIVIDUAL APPARATUS LOSSES

APPARATUS	DESIG.	CODE	MAX LOSS	MIN LOSS	REMARKS
CONDENSER	R OR T	2 M.F.	14.5	11.5	
RELAY	A	221-A	0.2		
RELAY	J	221-FS	0.2		

DWG. ISSUE

15-D 14-B 12-D