

21

102. UNLESS OTHERWISE SPECIFIED ALL RESISTORS ARE KS-13490, L1.

103. SWITCH (S1) SHOWN AS VIEWED FROM WIRING SIDE.

~~104. SEE TABLE X FOR CONNECTION OF LOAD CIRCUIT RESISTORS (R51 TO R54) TO PROVIDE TOTAL OUTPUT EQUIVALENT TO ELEVEN LOOPS INCLUDING JACK TERMINATED OUTLET. THE EQUIVALENT LOAD OF EACH RESISTOR (RS GIVEN BY THE NUMBERS 1, 2, 3 & 4) RESISTORS (R51 TO R54) INITIALLY ALL STRAPS ARE "N/A"~~

105. POTS. (R22, R29 & R31) ARE INITIALLY ADJUSTED AT THE FACTORY, AND SHOULD BE CHANGED ONLY IN ACCORDANCE WITH INSTRUCTION COVERED IN MAINTENANCE BSP.

106. ALL RT AND RR RESISTORS OF FIG. 4 ARE 263A, 448 OHMS.

EQUIPMENT NOTES:

201. ONE 55D CONNECTING BLOCK PER OFFICE IS REQUIRED FOR ACCESSIBILITY OF GENERATOR TONE FOR CHECKING 24A LOOP CHECKER. IT SHALL BE LOCATED APPROX 5 FT FROM FLOOR ON SAME BAY AS GENERATOR AND WIRED TO GENERATOR WITH 22GA PAIRED WIRES.
202. ~~WIRING TERMINAL NUMBERS ARE DESIGNATIONS ON CARDS AS FOR EXAMPLE "1A14" IS TERMINAL NO. 14 ON CARD 14.~~
203. P3, P5 AND P6 ARE KS-16182, L6 CONNECTOR AND P4 IS KS-16182, L5 CONNECTOR. J3, J5, AND J6 ARE KS-19276, L4 PLUG AND J4 IS KS-19276, L3 PLUG.
204. DIODE ASSEMBLY ED-95196 (FIG. 3) IS NOT PART OF KS-14521 LT OVEN. IT IS A SHOP WIRED UNIT WHICH PLUGS INTO THE OVEN.
205. RESISTORS R35 AND R36 SHALL BE MOUNTED APPROXIMATELY ~~1/32~~ 1/16 INCH FROM THE SURFACE OF THE TERMINAL BOARD.

301. UNLESS OTHERWISE SPECIFIED:

RESISTANCE VALUES ARE IN OHMS.

CAPACITANCE VALUES ARE IN MICROFARADS.

THE SYMBOL + (PLUS) OR - (MINUS) ARE IN VOLTS.

302. A COORDINATE SYSTEM IS USED TO IDENTIFY TERMINAL LUGS ON CARDS A, C AND D. LETTERS ARE USED FOR THE VERTICAL ROWS OF HOLES AND NUMBERS FOR THE HORIZONTAL ROWS OF HOLES, WITH THE LETTERS STAMPED ALONG THE LEFT EDGE AND THE NUMBERS STAMPED BELOW THE ROW OF HOLES USED FOR THE BOTTOM ROW OF TERMINALS. THUS, "A-2a" REPRESENTS TERMINAL LUG AT COORDINATE 2a ON CARD A. "C-7k" REPRESENTS TERMINAL LUG AT COORDINATE 7k ON CARD C. ETC.

51
CHECK
LEV OPER FREQ

206. PRIOR TO ISSUE 78, 263A RESISTORS WERE 221A RESISTORS. IN ALL CASES OF REPAIR, OR REPLACEMENT, WHEN 221A RESISTORS ARE REPLACED THEY SHALL BE REPLACED WITH 263A RESISTORS.

NO. OF TEST KINE QKTS IN SERVICE	STRAPS TO TERMINAL T			
	R51 (1)	R52 (2)	R53 (3)	R54 (4)
ONE	OUT	IN	IN	IN
TWO	IN	OUT	IN	IN
THREE	OUT	OUT	IN	IN
FOUR	OUT	IN	OUT	IN
FIVE	OUT	IN	IN	OUT
SIX	IN	OUT	IN	OUT
SEVEN	OUT	OUT	IN	OUT
EIGHT	OUT	IN	OUT	OUT
NINE	IN	OUT	OUT	OUT
TEN	OUT	OUT	OUT	OUT

51
CHECK
LEV OPER FREQ
CHK CHK CHK

SWITCH POS	
OPR	2-4, 6-7, 10-12
LEV CHK	2-3, 6-7, 10-11
FREQ CHK	2-5, 6-9, 10-1

R84	C75	CR71
NOT USED		
R5-R10	C3 -C10	CR3-CR10
R20	C17-C20	CR13-CR20
R39,R40	C24-C40	CR24-CR40
R51-R54	C50-C60	CR42-CR60
R58-R60	C63-C70	CR64-CR70
R63-R70	-	-

CHASSIS
GRD

CKT
GRD

194024C-()
EQUIPMENT INFO

ISSUE
7B

SN-99709-01 1N20

TRANSMISSION MEASURING
IC LOOP CHECKER GENERATOR CKT

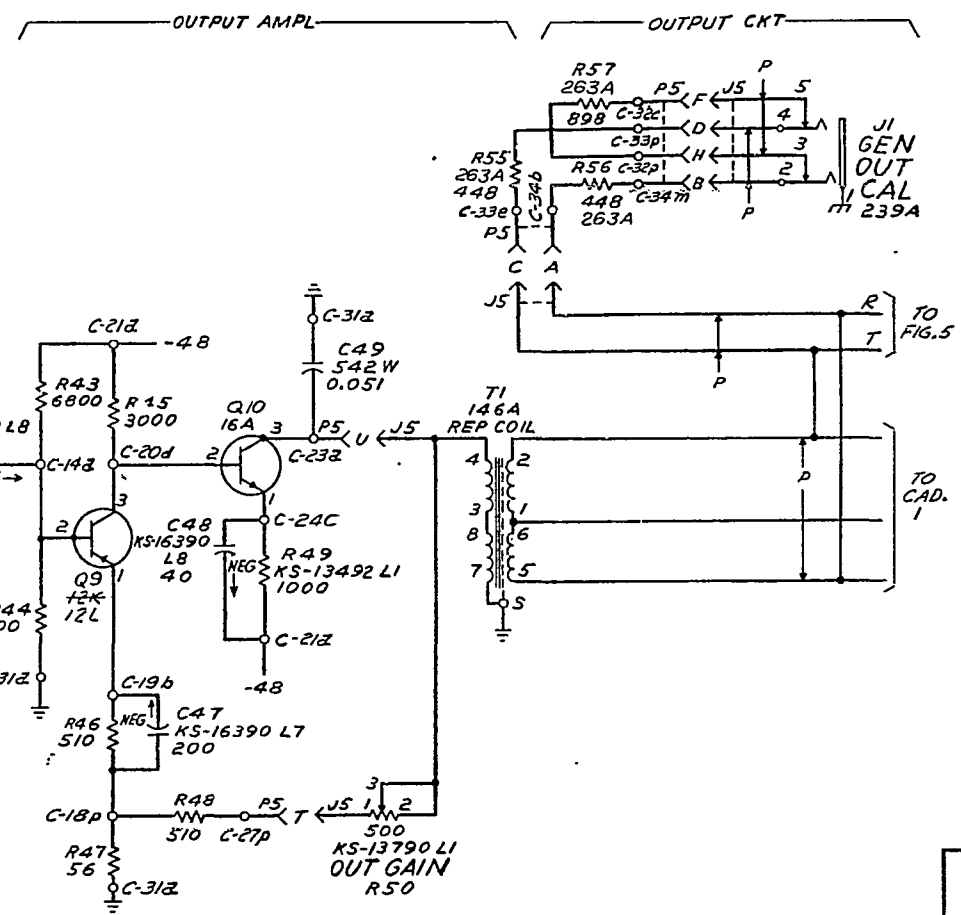
(24C LOOP CHECKER GENERATOR)

BELL TELEPHONE LABORATORIES

SD-99709-01-1
3 SHEETS

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FIG. 2
DC REG
SEE NOTE 302



SD-99709-01-2

