

101.

102. INITIALLY FITCH AND/ OR VOLUME OF TONE MUST BE SET FOR THE PARTICULAR OFFICE. ADJUST FITCH BY TURNING KNOBS OF PONTICOMETER (P) WITH RELAY (R) SILENCED NON-OPERATED. UNTIL SUCH A TIME THAT INITIAL TONE COULD BE HEARD. INITIAL 3, 3 OR 4 FOR CABLES, 3 OR 4 FOR ORIGINAL, 3 OR 4 FOR CABLE TUBE (A) OR (D) IS REQUIRED.

103. STRINGS SO THAT RESISTANCE OF RELAY (F) PLUS RESISTORS (H) AND (J) EQUALS 298,000 ± 2007

A. THIS CONTACT PROTECTION IS USED TO PROTECT CONTACTS OF RELAYS IN TRUNKS AND REGISTERS SUPPLYING GROUND ON THE "A" LEAD.

FEATURE OR OPTION	PROVIDE	
	FIGS	APP OR WIR QUANTITY
TONE GENERATOR CKT	1	2 PER OFF
TRANSFER CKT	2	1 PER 2 FIGS.1
WHEN ALARM SENDING CKT IS (SEE NOTE 302)	PROVIDED NOT PROVIDED	W.Q X.R

HC.

RECORD OF FIGURES, WIRING, AND APP. STATUS CHG.						
CHANGED ON ISS.	IF JOB RECORDS DO NOT SPECIFY	THIS OPTION WAS FURN.	SEE NOTE	USE IN CIRCUIT		
				STD.	A&M	M.D.
9-0	X OR W	X		X, W		
10-B	T OR V	V		T		V
11D						FIG. 3
13B	N OR S	S		N		S
13B	Q OR R	NONE	105	Q, R		

EQUIPMENT NOTES:

- EQUIPMENT NOTES:
202. ADJUST VOLUME OF CKT.1 BY STRAPPING TERM.1 TO TERM.2,
3 ADJUST VOLUME OF CKT.2 BY STRAPPING TERM.5
TO TERM.6,7 OR 8
203. CKTS.1 AND 2 SHALL BE CONNECTED TO SEPARATE INT.
203. PRIOR TO ISSUE 9-D, THE (AR) KEY WAS DESIGNATED (REL.)
204. PRIOR TO ISSUE 10-D, FIG.52 WAS PART OF FIG.51 &
DOTTED L.K. & MN. LEADS IN FIG.51 WERE SOLID.
205. IN CROSS CONN. FIG.54 THE TERM. NUMBERS TO THE LEFT
OF THE LAST LINE OF THE CROSS CONN. ARE TYPE D STRIPS
AND TERM. NUMBERS TO THE RIGHT ARE TO D-TYPE
TERM. STRIPS. PRIOR TO ISSUE 14D ONLY NUMBERS
FOR 227 TYPE TERM. STRIPS WERE SHOWN.

INFORMATION NOTE 82

- 301
- ADJUSTMENT NOTES: THE MINIMUM TONE LEVELS THAT SHOULD BE OBTAINED USING A 500 μ THERMOPILE OR ITS EQUIVALENT ACROSS THE α AND β LEADS ARE LISTED BELOW. IT IS SUFFICIENT TO MEASURE ONLY ONE OF THE THREE READINGS.
- (a) WITH TERM1 OR 5 CONNECTED TO TERM 2 OR 6 RESPECTIVELY - 7 d.b.m.
 - (b) WITH TERM1 OR 3 CONNECTED TO TERM3 OR 7 RESPECTIVELY - 12 d.b.m.
 - (c) WITH TERM1 OR 3 CONNECTED TO TERM4 OR 8 RESPECTIVELY - 17 d.b.m.

302 CONNECTIONS TO THE ALARM SENDING CIRCUIT OR TO GROUND
ARE CONTROLLED BY NOTES IN CABLING DIAGRAM FIGURES OF
THE MISCELLANEOUS CIRCUIT FOR ALL FRAMES

FIG. 51
(FOR FIGS. 1, 2 & 3)

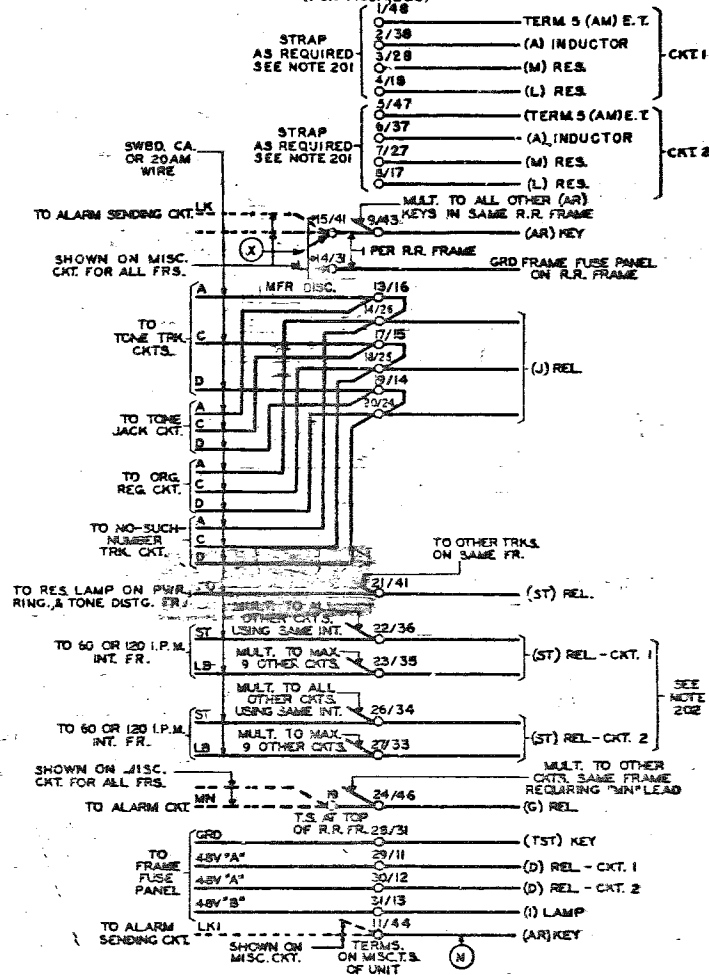


FIG. 52 (MFR. DISC.)

FIG. 3
(MFR. DISC.)
PICK-UP LAMP

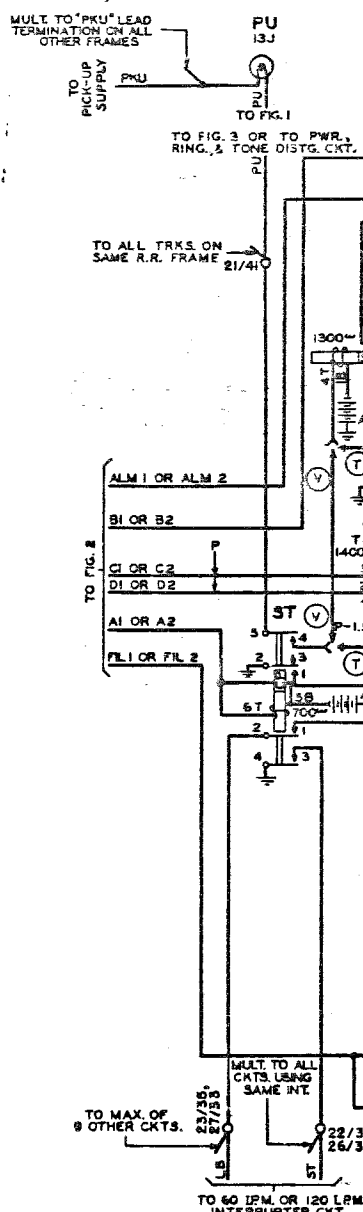
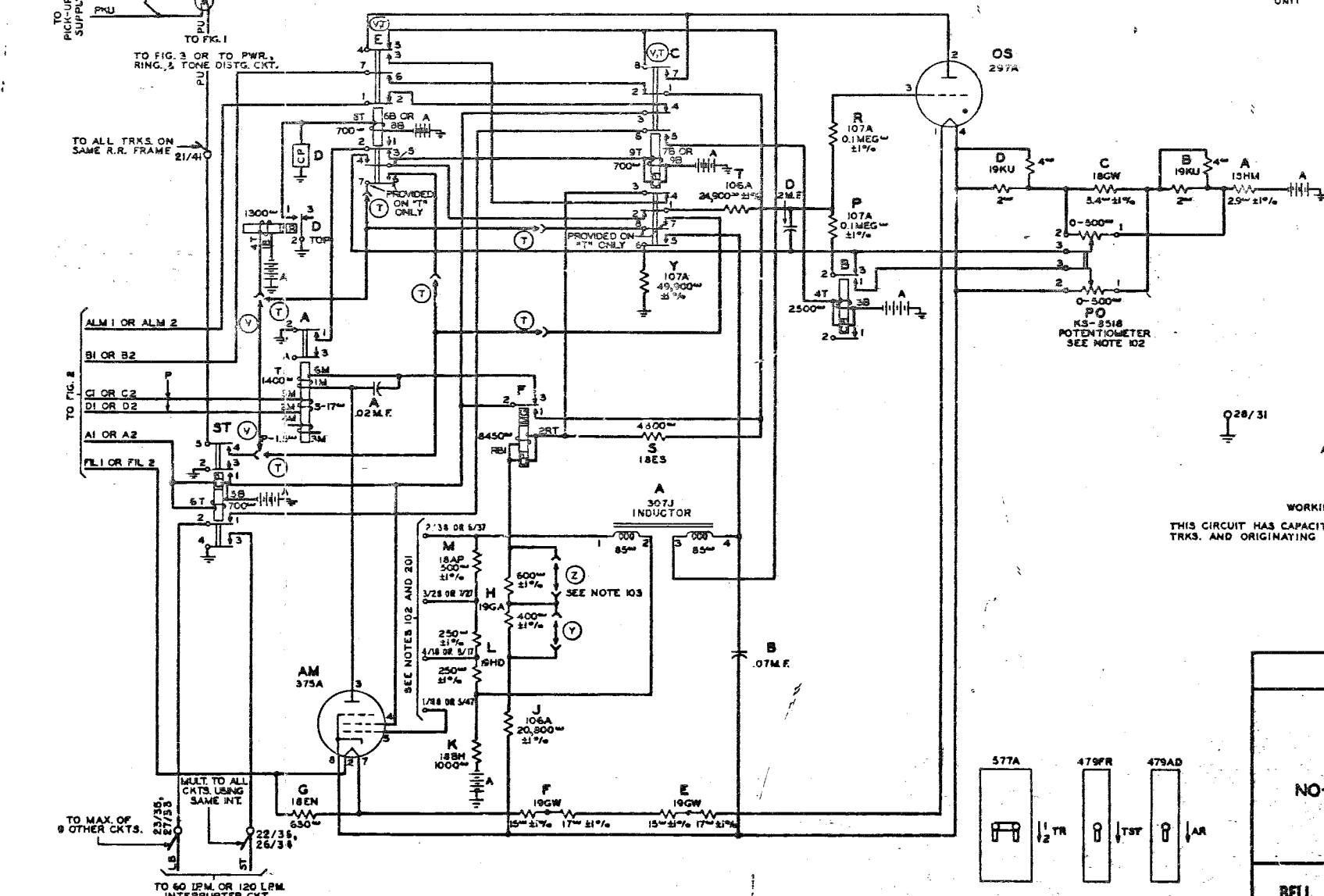


FIG. 1
TONE GENERATOR CXT.



OPTIONS USED			
FIGS.		APP OR WIRING	
1		Z	N
2		V	
3		X	
		W	
		Y	
		T	
		S	
		R	
		Q	

WORKING LIMITS
THIS CIRCUIT HAS CAPACITY FOR SUPPLYING A MAX. OF 200
TRKS. AND ORIGINATING REGISTERS.

CROSSBAR SYSTEMS
NO. 5
NO-SUCH-NUMBER TONE
SIGNAL CIRCUIT
OSCILLATING TONE
U.S. PAT. (N.S.P.)
BELL TELEPHONE LABORATORIES

