CIRCUIT REQUIREMENTS

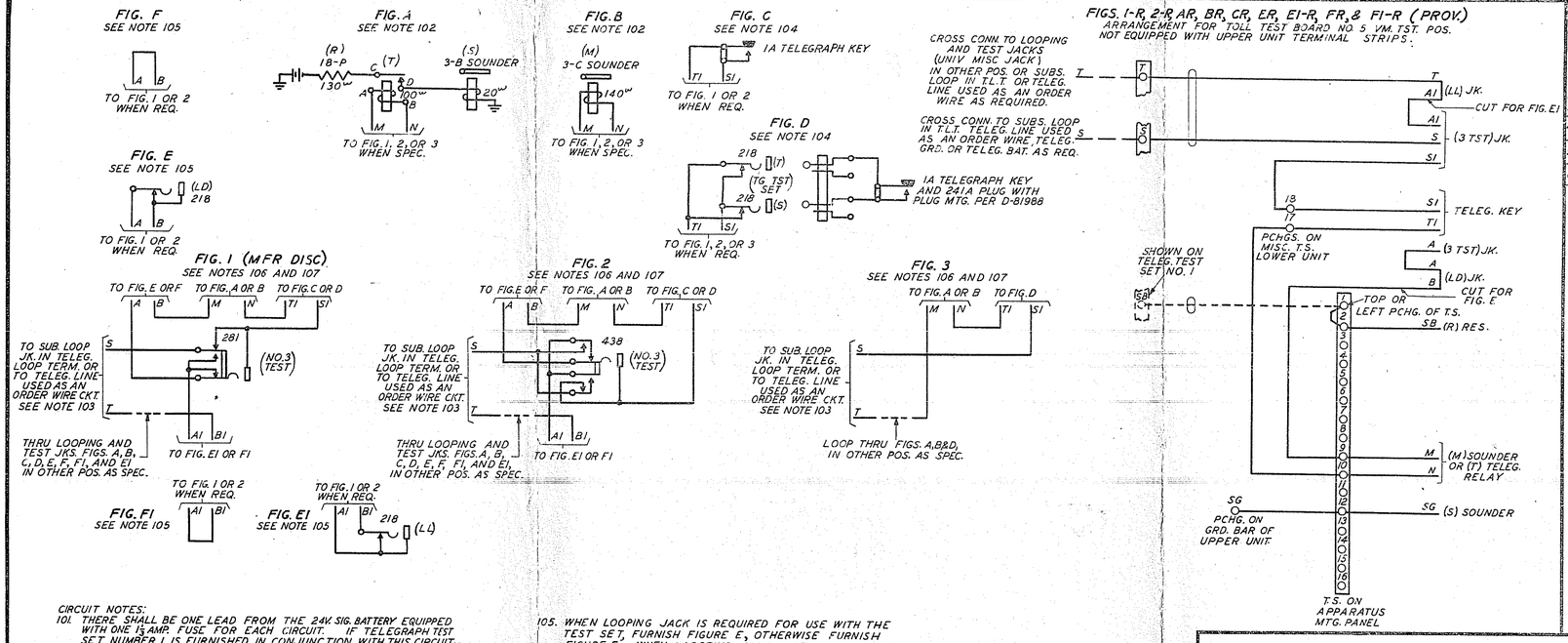
SD-63677-011

TEST SET NO. 3 (TST SET 3)

CKT. ISS. NO.	APPARATUS DESIG.	CODE	MECH. REQ. BSP FIG.	CONTAINER PALS TRAY	SEED BOX PEDS.	CIRCUIT BLOCK	PREPARATION TEST CLIP DATA CONN. B.A.	CONN. GRD.	TEST SEE NOTE	SET NO.	DIRECT CURRENT FLOW REQ. TEST TEST AC REQ. NO. WDG. FOR AMPS.	READ. AMP.	REMARKS
1	MAGNETS												
2	M	3-C SOUNDER											
3						1/2							
4	S	3-B SOUNDER											
5						2							
6	RELAYS												
	T	21-A					T-JK-TS	S-JK-TS	B/G	3/4	O	.050	
							T-JK-TS	S-JK-TS	B/G	3	R	.020	

TEST NOTES:
1. A 4½ PLUG SHALL BE INSERTED IN THE (NO. 3 TEST) JK. WHEN THE TEST SET IS FIRST PLUGGED BEFORE CONNECTING THE TEST SET TO THE CIRCUIT.
2. ADJUST IN ACCORDANCE WITH BSP.
3. THE CONTACT SEPARATION WHEN RELAY IS RELEASED SHALL BE .004 MINIMUM.
4. OPERATE IS CLEARLY REPEATING TELEGRAPH SIGNALS AT THE MAXIMUM SPEED OF HAND SENDING OR AT THE RATE OF 20 DOTS PER SECOND.

SD-63677-011



CIRCUIT NOTES:

101. THERE SHALL BE ONE LEAD FROM THE 24V. SIG. BATTERY EQUIPPED WITH ONE ½ AMP. FUSE FOR EACH CIRCUIT. IF TELEGRAPH TEST SET NUMBER 1 IS FURNISHED IN CONJUNCTION WITH THIS CIRCUIT, THE BATTERY SUPPLY LEAD SHALL BE COMMON TO THIS CIRCUIT AND TELEGRAPH TEST SET NUMBER 1.

102. WHEN RELAY AND SOUNDER ARE DESIRED, USE FIGURE A; WHEN MAIN LINE SOUNDER IS DESIRED, USE FIGURE B. RELAY AND SOUNDER SHALL BE FURNISHED UNLESS OTHERWISE SPECIFIED.

103. WHERE A TELEGRAPH LOOP TERMINAL IS PROVIDED CONNECT LEADS "T" AND "S" TO A SUBSCRIBER'S LOOP JACK IN THE TELEGRAPH LOOP TERMINAL. WHERE NO TELEGRAPH LOOP TERMINAL IS PROVIDED AND A METALLIC OR THRU CIRCUIT IS TO BE USED AS AN ORDER WIRE CONNECT BOTH LEADS "T" AND "S" TO THIS CIRCUIT. WHERE A GROUNDED TELEGRAPH CIRCUIT IS TO BE USED AS AN ORDER WIRE CONNECT LEAD "S" TO GROUND AND LEAD "T" TO THE CIRCUIT.

104. FIGURE C IS FOR USE WHEN TELEGRAPH KEY IS TO BE PERMANENTLY MOUNTED IN THE POSITION. FIGURE D IS FOR USE WITH A PLUG MOUNTED TELEGRAPH KEY NOT NORMALLY CONNECTED INTO THE LINE.

105. WHEN LOOPING JACK IS REQUIRED FOR USE WITH THE TEST SET, FURNISH FIGURE E, OTHERWISE FURNISH FIGURE F. WHEN A LOOPING JACK IS REQUIRED FOR USE WITH THE LINE, FURNISH FIGURE E1; OTHERWISE FURNISH FIGURE F1.

106. FURNISH FIG. 3 FOR USE IN TEST AND CONTROL BD. NO. 8, OTHERWISE FURNISH FIG. 1 OR FIG. 2.

107. THE USE OF FIG. 1 IS DISCONTINUED AND REPLACED BY FIG. 2 ON ISSUE 6-D. PRIOR TO ISSUE 6-D, FIG. 1 WAS FIG. 1 "X" WIRING AND WAS NOT RATED "MFR DISC". FIG. 2 AND NOTE 106 WERE NOT SHOWN, AND FIG. 3 WAS FIG. 1 "Y" WIRING.

DWG. ISS.	C.D. ISSUE	DATE OF ISSUE	APPROVED
1	1	3-5-31	B.W.K. S.R.S. J. 4-2-31
2-D	2-D	6-24-31	K.W.P. S.R.S. M. 6-26-31
3-D	2-D APP. 1-D	2-3-32	B.W.K. W.L.R. H. 2-3-32
4-D	2-D APP. 2-D	11-1-32	B.W.K. M.A.A. J. 5-8-33
5-D	2-D APP. 3-D	7-25-34	R.S.W. M.L.A. J. 10-3-34
6-D	3-D	6-29-36	J.H.B. F.J.S. J.

REPLACES SD-51206-01, SD-63043-01, SD-63043-02, 213-B-19 AND 228-B-57

SD-63677-01 2 SHEETS

AT&TCO STANDARD

"A&M ONLY" FOR TELEG. POS. OF TOLL TST. BD. NO. 5.

TELEGRAPH SYSTEMS

TOLL TEST BOARDS NOS. 5 & 16 TEST AND CONTROL BOARD NO. 8 TELEGRAPH TEST BOARD NO. 9 TELEGRAPH TEST SET NO. 3

FOR USE WITH TELEGRAPH ORDER WIRES

BELL TELEPHONE LABORATORIES, INC.

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