

OPTIONS USED

FIGS.	A/P OR WIRING
1	Z K ZF
2	Y J ZG YK
3	X H ZH
4	W G ZI
	V F ZJ
	U E ZK
	S B ZL
	R A ZM
	Q ZN ZP
	P ZQ ZR
	N ZS ZT
	M ZU ZV
	L ZE ZA



FIG. 3
* LEAD FOR RESTRICTING COIN LINES FROM CAMA TRUNKS

CONTENTS

SHEET NO.	ISSUE NO.
1	26
2	25
3	25
4	25

DWG. ISS.	C.D. ISSUE	DATE ISSUED	OWN.	APPRO.	DWG. ISS.	C.D. ISSUE	DATE ISSUED	OWN.	APPRO.
25D	7D	1/28/81	PBS	RWH	1	1	2-0	APP 18	1-0
26A	7D	9/1/83	LR	FWH	2	2	2-0	APP 18	1-0

NOTICE
NOT FOR USE OR DISCLOSURE OUTSIDE THE BELL SYSTEM EXCEPT UNDER WRITTEN AGREEMENT

SD-31592-01-1

REPLACING ES-241760 EXCEPT FOR LINE SWITCH OFFICES
REPLACED BY SD-31592-02

3099

STEP-BY-STEP SYSTEMS
NO. 1 OR 350A
COIN BOX TRUNK CIRCUIT
FOR USE PRECEDING A FIRST SELECTOR
SERVING PREPAYMENT COIN LINES
WITH OR WITHOUT DELAYED CHARGE

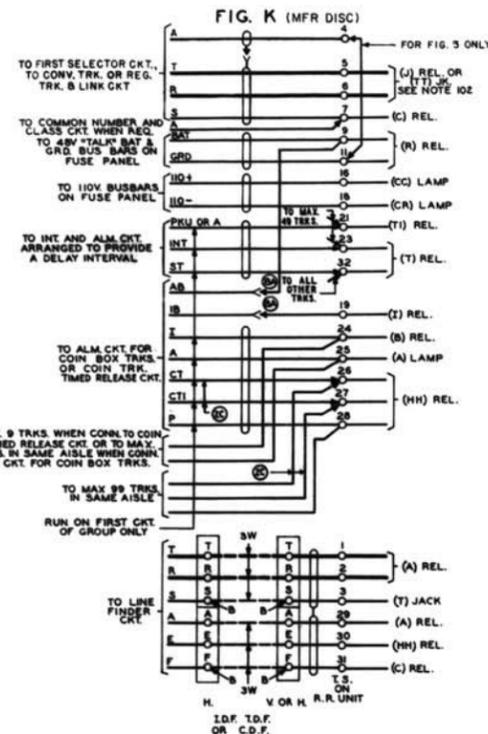
ISSUE 26A

MFR. DISC

(C B TRK) SD-31592-01-1
4 SHEETS

BELL TELEPHONE LABORATORIES, INC.

M2



CIRCUIT NOTES:

DESIG	FUSE AMP	POTENTIAL	ONE PER
1-1/3	1/2	SEC BRK	CT
1/2	1/2	CC-	CT

FEATURE OR OPTION	FIG.	PROVIDE	
		APP OR MFR	QUANTITY
PREPAY COIN TRUNK	1		1 PER CRT
RENO	2	V	
RELAY CHANGING AND TEST JACK (TT) IS NOT USED	2D, V		
COIN LINES ARE TO BE RESTRICTED FROM CANA TRUNKS	3		
THIS CRT IS ASSOCIATED WITH A SUBSCRIBERS ROTARY LINE OR EQUIPPED WITH DIAL LONG LINE CIRCUITS	4		
WHEN ANY OF THE LINES IN THE ASSOCIATED LINE FINDER UNIT ARE EQUIP WITH LONG LINE CKT	5, T		
AND AN AUX COIN TRK IS PROVIDED	2D, R		
AND AN AUX COIN TRK IS PROVIDED	2D, R		
COIN BOX TRUNK RELEASE CRT IS NOT USED	2D, Z		
DIAL TRK RECD BEFORE COIN DEPOSIT	2		
WHEN NO LONG LINE CIRCUITS ARE PROVIDED IN THE ASSOCIATED LINE FINDER UNIT.	S		
FOR USE WITH NUMBER CHECKING WITHOUT NUMBER CHECKING AND WITH TYPE B AND TYPE C	24, V		
10 CENT INITIAL CHARGE	2E, 2F, 2G		
AUXILIARY COIN TRUNK PRECEDING THIS CIRCUIT	2D, K		
	2D, L		

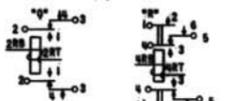
CIRCUIT NOTES: (CONT)

104. RECORD OF FIGURES, WIRING AND APPARATUS CHANGES

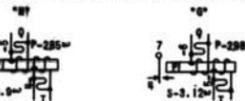
CHANGED ON ISS	IF JOB RECORDS DO NOT SPECIFY	THIS OPTION WAS FURN	SEE RATE	USE IN CIRCUIT
2-4	RELAYS	105	238-00	206-N
3-0	K OR L	E	1	K
4-0	V OR W	V	102	V, W
5-0	A OR B	A	107	A
6-0	12L OR 12L RES LAMP	BE	13L	12L BE
7-0	AA OR AB	AA	AB	AA
7-0	BA OR BB	BB	102	BB BA
8-0	Q OR R	Q	100, 108	R Q
8-0	S OR T	S	102	S, T
10-0	W OR X	W	N	X
12-0	U OR Z	U	102	U, Z
13-0			100	H
13-0	ZA, ZB OR ZD	ZA, ZD	102	ZB, ZD ZA
13-0	D, E, OR F	E OR F	105	D
13-0	ZC OR ZE	ZC	102	ZE ZC
14-0	ZF OR ZH	ZF, ZH	102	ZG, ZI
150	RELAYS		E1486	E589
150	RELAYS		E588	E626
150	RELAYS		888	8900
150	RELAYS		15848	14808
170	ZH OR ZI	ZH	102	ZH, ZI
170			100	FIL, N
180			100	FIL, N
200	ZJ, ZK, OR ZL	ZJ, ZK	102	ZJ, ZK, ZL
210	ZR OR ZS	ZR	102	ZR, ZS
240	K OR L	K, L	102	K, L
250	YK	NONE	111	YK

105. THE USE OF THE 206-N REL (P) F OPTION IN THIS CRT IS DISCONTINUED ON ISSUE 2D. IT IS SUPERSEDED BY THE 239-GU REL E OPTION. PRIOR TO ISSUE 2-D THE 239-GU REL (P) WAS NOT SHOWN. OPTION DESIG E AND F ADDED ON ISSUE 13-0.
106. PRIOR TO ISS 2-0 RES (D), (E), AND (F) WERE DESIG (F), (D), AND (E) RESPECTIVELY.
107. PRIOR TO ISS 5-0, "B" WIRING AND APPARATUS WERE NOT SHOWN AND "A" APPARATUS WAS DESIG "W".

108. THE DIFFERENCE BETWEEN THE (A) RELAYS IS AS FOLLOWS:



109. THE DIFFERENCE BETWEEN THE (P2) RELAYS IS AS FOLLOWS:



110. WHEN AN AUXILIARY COIN TRUNK IS PROVIDED FOR COIN SERVICE IMPROVEMENT OMIT ZP, L OPTION AND ADD ZD, K OPTION.

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

MAX ALLOWABLE CIRCUIT LOSS (db)	MAX ALLOWABLE CIRCUIT LOSS (db)
A TO C 1.0	A TO C 0.7
A TO B 0.8	A TO B 0.5

ALLOWABLE INDIVIDUAL APPARATUS LOSSES (db)				
APPARATUS	DESIG	CODE	MAX LOSS	MIN LOSS
CAPACITORS	A OR B	2 M.F.	14.5	11.5
RELAYS	P1	206N, 239 GU, 280U	0.2	
RELAY	P2	286G, 288H	0.2	TESTED IN SERIES
RELAY	R	H28	0.2	
INDUCTOR	C	54C, 24C	0.1	
INDUCTOR	T	88A	0.2	

N INDICATES APPARATUS FOR WHICH IND. LOSSES ARE NOT REQ.

111. WHEN THE TRUNK IS USED WITH THE SUBSCRIBER LOOP MULTIPLEXER OR SUBSCRIBER CARRIER SYSTEMS, OPTION YK MUST BE APPLIED.

EQUIPMENT NOTES:

201. THE 206 AND 239 TYPE RELAYS (P), (P1) AND (P2) SHALL BE MOUNTED ON NOT LESS THAN 3 1/2" CENTERS HORIZONTALLY OR VERTICALLY WITH RESPECT TO THEMSELVES AS WELL AS WITH RESPECT TO ALL OTHER INDUCTIVE APPARATUS, EXCEPT THAT RELAYS (P) AND (P2) MAY BE MOUNTED ADJACENT WITHOUT RESTRICTION.

FIG. 4 TRANSFER RELAY FOR A, E & F LEADS

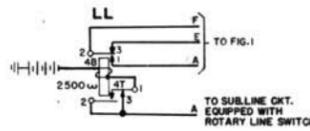
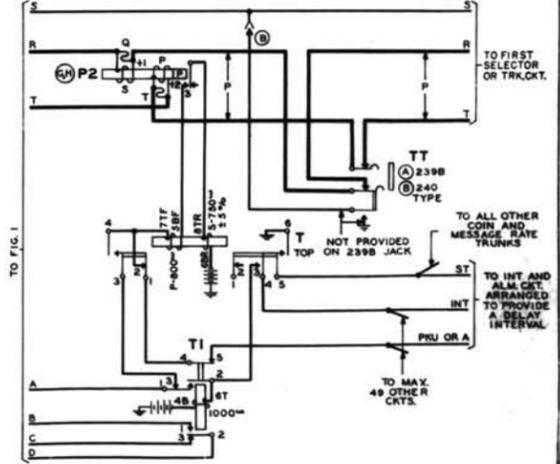


FIG. 2 DELAY RELAYS



SD-31592-01-2

COIN BOX TRUNK CIRCUIT
BELL TELEPHONE LABORATORIES, INC.
SD-31592-01-2
R

DWG 155
13-0
14B
150
16B
170
180
190
200
210
220
230
240

ISSUE 2.5D

