

CIRCUIT NOTES:

- (MFR DISC.)
SEE NOTE 103
- (MFR DISC.)
SEE NOTE 104
101. PROVIDE ONE 1-1/3 AMP FUSE EACH FOR BAT. A AND BAT. B FROM 48V SIG BAT. FOR EACH 10 CIRCUITS.
102. FURNISH Y OPTION WHEN THIS CKT CONNECTS WITH VACANT TOLL SELECTOR LEVELS ASSOCIATED WITH FOUR WIRE TOLL SWITCHING TRUNK. OTHERWISE FURNISH X OPTION.
103. PROVIDE ONE 1-1/3 AMP FUSE FOR BAT. B FROM 48V SIG BAT. FOR EACH 10 CIRCUITS. PROVIDE ONE 1-1/3 AMP FUSE FOR BAT. A FROM 48V SIG BAT. EACH 21 CIRCUITS AND THE ONE OR TWO GROUP RELAYS WHICH MAY BE ASSOCIATED WITH THESE CIRCUITS.
- (MFR DISC.)
SEE NOTE 105
104. FURNISH X OPTION FOR CONNECTOR MULTIPLE AND TOLL TRANSMISSION SELECTOR MULTIPLE. ALSO FURNISH Y OPTION FOR TOLL INTERMEDIATE SELECTOR MULTIPLE WHERE ALL CALLS ARE ROUTED THRU A TOLL TRANSMISSION SELECTOR. OTHERWISE FURNISH Y OPTION.
105. THE USE OF Y OPTION IS RATED MFR DISC., SUPERSEDED BY X OPTION ON ISS 90.
106. THE T AND R LEADS SHALL BE REVERSED FOR MACHINE INTERCEPT.
- (MFR DISC.)
SEE NOTE 110
- (MFR DISC.)
SEE NOTE 111
107. USE Y AND X OPTIONS WHEN AUTOMATIC DISCONNECT OF CONNECTORS IS REQUIRED. OTHERWISE USE W AND X OPTIONS.
108. WHEN AUTOMATIC DISCONNECT OF CONNECTORS IS SPECIFIED, PROVIDE FIG. 2 AND S OPTION IF OFFICE IS EQUIPPED WITH PLUGGING UP LINE CIRCUITS. PROVIDE T OPTION IF PLUGGING UP LINE CIRCUITS ARE NOT FURNISHED.

RECORD OF FIGURES, WIRING, AND APPARATUS CHANGES						
CHANGED ON ISS	IF JOB RECORDS DO NOT SPECIFY	THIS OPTION WAS FURN	SEE NOTE	USE IN CIRCUIT		
				STD	SAH	MD
120	FIG. 2		108			FIG. 2
120	S, T, V, W	T&W	107, 108	W		S, T&V
130			108	S, T&V		
130			107, 108, 111	FIG. 2		
140			110	FIG. 3		
140	Q OR H	Y&S OR T	110	Q, H		V, S, T
150	FIG. 4	FIG. 3 Q, H OR NONE	112	FIG. 4		FIG. 3 Q, H

- (MFR DISC.)
SEE NOTE 112
110. PROVIDE FIG. 3 AND OPTIONS Q, W, AND X WHEN AUTOMATIC DISCONNECT OF CONNECTORS IS REQUIRED AND TWO OR MORE INTERCEPT TRUNKS OR AN INTERCEPT TRUNK AND ONE OR MORE TRUNKS ARRANGED TO TRIP RINGING WITHOUT CHARGING ARE FURNISHED IN THE SAME CONNECTOR GROUP. PROVIDE FIG. 3 AND OPTIONS W, X, AND Y WHEN ONLY ONE INTERCEPT TRUNK IS PROVIDED PER CONNECTOR GROUP AND NO TRUNK ARRANGED TO TRIP RINGING WITHOUT CHARGING IS PROVIDED IN THE SAME GROUP. PROVIDE OPTIONS W AND X WHEN THE AUTOMATIC DISCONNECT TIMING FEATURE IS NOT REQUIRED.
111. PROVIDE FIG. 2 WHEN AUTOMATIC DISCONNECT OF CONNECTORS IS REQUIRED AND OFFICE IS EQUIPPED WITH PLUGGING UP LINE CIRCUITS.
112. PROVIDE FIG. 4 AND OPTIONS W AND X WHEN CONNECTORS HAVING DIRECT ACCESS TO THIS TRUNK CIRCUIT ARE ARRANGED FOR AUTOMATIC DISCONNECT ON CALLING PARTY HOLDS. PROVIDE OPTIONS W AND X WHEN CONNECTORS HAVING DIRECT ACCESS TO THIS TRUNK CIRCUIT ARE NOT ARRANGED FOR AUTOMATIC DISCONNECT.

FIGURES AND OPTIONS ON THIS CHG	
CKT FIG.	APP OR WIRING
1	Y
2	X
3	W
4	W
	Y
	T
	S
	Q
	H

TO FIG. 1

FIG. 4

TO ALL OTHER INCPY TRUNKS & TRUNKS ARRANGED TO TRIP RINGING WITHOUT CHARGING SERVING SAME CONNECTOR GROUP

TO SW TROUBLE ALM CKT OR MISC ALM CKT

INFORMATION NOTES:

301. UNLESS OTHERWISE SPECIFIED: RESISTANCE VALUES ARE IN OHMS, CAPACITANCE VALUES ARE IN MICROFARADS.

FIG. 1

FROM TOLL TRANSMISSION OR TOLL INTERMEDIATE SEL MULT OR AUX INCPY TRK CKT FOR 3 PARTY TPL CONN MULT (MFR DISC.) OR FROM CONN MULT. SEE NOTES 105 & 106

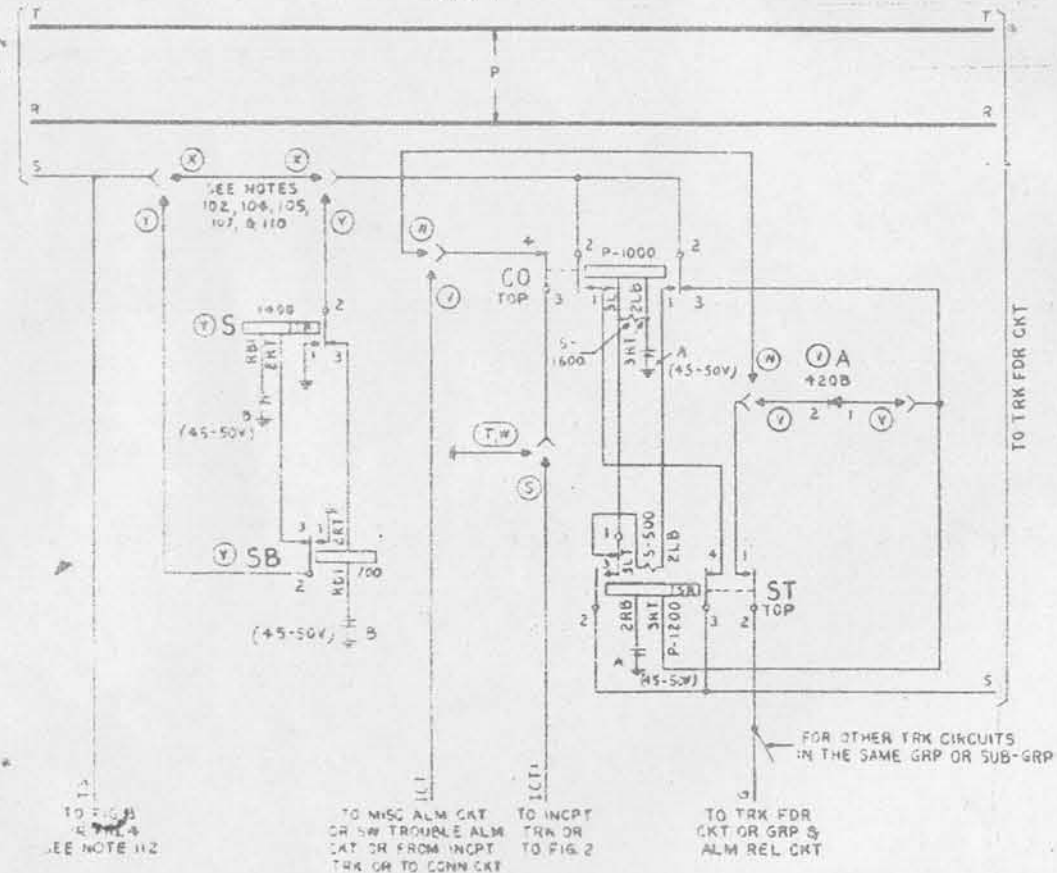
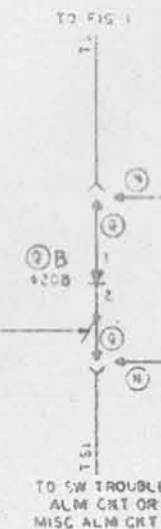


FIG. 3 (MFR DISC.)



TO FIG. 1 OR TO MISC ALM CKT OR SW TROUBLE ALM CKT

FIG. 2

(1 PER CONN HUNDREDS GROUP FOR 100 PT CONN)
(1 PER CONN SHELF FOR 200 PT CONN)

NOTICE

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

J33016L
J33016AN
J33016AM
J32008E
ED-32152-01
ED-31144-01
ED-30622-01
ED-30621-01
EQUIPMENT INFO

ISSUE
16D

REPLACED BY SD-3176B-01 FOR USE WITH TOLL SEL MULT

1099

STEP-BY-STEP SYSTEMS

NO. 1 350A OR 355A
INTERCEPTING TRUNK CIRCUIT

FROM CONNECTOR OR TOLL TRUNK
SELECTOR MULTIPLE OR FROM
AUXILIARY INTERCEPTING TRUNK FOR
3 PARTY TPL CONNECTOR MULTIPLE

(CONN MULT)

BELL TELEPHONE LABORATORIES
INCORPORATED

65

SD-31337-01-1
3 SHEETS

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CIRCUIT REQUIREMENTS

APPARATUS				MECH REQT			CIRCUIT PREPARATION		TEST SET PREP	SEE TEST NOTE	DIRECT CURRENT FL'W REQT					REMARKS
DESIG	CODE	OPT	FIG.	BSP FIG.	CONT PRESS.	ARM. TRVL	BLOCK OR INSULATE	TEST CLIP DATA			TEST WDG	TEST FOR	AFTER SOAK MA.	TEST MA.	HEAD MA.	
RELAYS																
CO	91647		1	10/3	H	20	(ST)NQ, 1B(ST)	LT(CO)	GRD		P	0	20	19	WOG ALONE	
											P'S	0	34	32	PAR AIDING	
S	R26	Y	1	3	H	20		RT(S)	GRD			0	8	7.6		
SB	R46	Y	1	3	H	20	2B(CO)	RT(SB)	GRD			0	8.3	7.9		
ST	R1837		1	10/14	H	20	2B(CO)	RT(ST)	GRD	1		C	19	18		
								RT(ST)	GRD	1		NO	17.8	12		

TEST NOTES:

1. WITH W OPTION, BLOCK (CO) OPERATED.
WITH V OPTION, INSULATE IT(ST).

