

SD-68222-01
MF INCOMING SENDER CIRCUIT

DESIG.	FUNCTIONAL MEANING
5BD	NO. FIVE BOARD
10A	TEN AUXILIARY
20C	20 CYCLE
20C1	20 CYCLE AUXILIARY
A $\frac{2}{5}$	'A' DIGIT REGISTER
AAO,1	'A' DIGIT TRANSLATION
AA4,7	'A' DIGIT TRANSLATION
ABO,1	'B' DIGIT TRANSLATION
AB4,7	'B' DIGIT TRANSLATION
ABC	ABC DIGITS CUT THROUGH
ABC1	ABC DIGITS CUT THROUGH AUXILIARY
ACO,1	'C' DIGIT TRANSLATION
ACT	A-C TRANSFER
ADR	'A' DIGIT REGISTERED
AS	'A' DIGIT INSTEERING
ASO	'A' DIGIT OUTSTEERING
AV	ADVANCE
AV1	ADVANCE AUXILIARY
B $\frac{2}{5}$	'B' DIGIT REGISTER
BD	BETWEEN DIGITS
BS	'B' DIGIT INSTEERING
BSO	'B' DIGIT OUTSTEERING
C $\frac{2}{5}$	'C' DIGIT REGISTER
CA	CONVERT 'A' DIGIT
CA1	CONVERT 'A' DIGIT AUXILIARY
CA4	COME AGAIN 4
CA4A	COME AGAIN 4 AUXILIARY
CA5	COME AGAIN 5
CA5A	COME AGAIN 5 AUXILIARY
CA6	COME AGAIN 6
CB	CONVERT 'B' DIGIT
CB1	CONVERT 'B' DIGIT AUXILIARY
CC	CONVERT 'C' DIGIT
CC1	CONVERT 'C' DIGIT AUXILIARY
CD	CONVERT 'D' DIGIT
CD1	CONVERT 'D' DIGIT AUXILIARY
CE	CONVERT 'E' DIGIT

DESIG.	FUNCTIONAL MEANING
CE1	CONVERT 'E' DIGIT AUXILIARY
CF	CONVERT 'F' DIGIT
CF1	CONVERT 'F' DIGIT AUXILIARY
CH	'C' HOLD
CH $\frac{2}{5}$	CODE CONVERSION HUNDREDS
CM	CLASS MARGINAL
CP	CLASS POLARIZED
CS	'C' DIGIT INSTEERING
CSO	'C' DIGIT OUTSTEERING
CT $\frac{2}{5}$	CODE CONVERSION TENS
CTA	CANCEL TIME ADVANCE
CTR	CANCEL TIME RELEASE
CTS	CLASS TIP SENSITIVE
CU $\frac{2}{5}$	CODE CONVERSION UNITS
D $\frac{2}{5}$	'D' DIGIT REGISTER
DC	D-C KEY PULSE
DC1,2	D-C KEY PULSE AUXILIARY
DDR	'D' DIGIT REGISTERED
DE1,2	DIGIT END
DLC	DELAYED LOOP CLOSURE
DP	DIAL PULSE
DP1	DIAL PULSE AUXILIARY
DRL	DECODER RELEASE
DRL1	DECODER RELEASE AUXILIARY
DS	'D' DIGIT INSTEERING
DSO	'D' DIGIT OUTSTEERING
DT	DOUBLE TEST
E $\frac{2}{5}$	'E' DIGIT REGISTER
EDR	'E' DIGIT REGISTERED
ES	'E' DIGIT INSTEERING
ESO	'E' DIGIT OUTSTEERING
EV	EVEN INSTEERING
EV1	EVEN INSTEERING AUXILIARY
EVO	EVEN OUTSTEERING
F $\frac{2}{5}$	'F' DIGIT REGISTERED
FDR	'F' DIGIT REGISTERED

DESIG.	FUNCTIONAL MEANING
FIF	FRAME IDENTIFICATION FAILURE
FKP	FALSE KEY PULSE
FL	FLASH
FL1	FLASH AUXILIARY
FP	FINAL PULSE
FS	'F' DIGIT INSTEERING
FSO	'F' DIGIT OUTSTEERING
FT	FUNDAMENTAL TRANSFER
FT1	FUNDAMENTAL TRANSFER AUXILIARY
G $\frac{2}{5}$	'G' DIGIT REGISTER
GS	'G' DIGIT INSTEERING
GSO	'G' DIGIT OUTSTEERING
H $\frac{2}{5}$	'H' DIGIT REGISTER
HS	'H' DIGIT INSTEERING
HSO	'H' DIGIT OUTSTEERING
J $\frac{2}{5}$	'J' DIGIT REGISTER
JS	'J' DIGIT INSTEERING
JSO	'J' DIGIT OUTSTEERING
K $\frac{2}{5}$	'K' DIGIT REGISTER
KD	KEY CIRCUIT DETECTOR
KP	KEY PULSE
KS	'K' DIGIT INSTEERING
KSO	'K' DIGIT OUTSTEERING
L $\frac{2}{5}$	'L' DIGIT REGISTER
LIT	LONG INCOMING TRUNK (Traffic separation)
LPD	LOOP DIAL
LS	'L' DIGIT INSTEERING
LSO	'L' DIGIT OUTSTEERING
LSS	LINE SEIZURE SIGNAL
M	MANUAL
M7	'M' REGISTRATION NO. 7 FREQUENCY
MB	MAKE BUSY
ME	MARKER ENGAGED

DESIG.	FUNCTIONAL MEANING
MF	MULTIFREQUENCY
MF1-3	MULTIFREQUENCY AUXILIARY
MFT	MULTIFREQUENCY TIMING (Before outpulsing)
MRL	MARKER RELEASE
MRL1	MARKER RELEASE AUXILIARY
MS	MARKER START
MS1,2	MARKER START AUXILIARY
MSO	'M' DIGIT OUTSTEERING (Operates SST)
MT	MARKER TRANSFER
MX	'M' STEERING (Start signal)
NSK	NO SKIP (All digits registered are to be outpulsed)
NV	NON VIA
NV1	NON VIA AUXILIARY
OD	ODD INSTEERING
OD1	ODD INSTEERING AUXILIARY
ODO	ODD OUTSTEERING
OE	OPERATOR'S ERROR
OF	OVERFLOW (Off hook)
OF1	OVERFLOW AUXILIARY
ON	OFF NORMAL
ON1	OFF NORMAL AUXILIARY
OP	OUTPULSE
OP1,2	OUTPULSE AUXILIARY
OSC	OUTSTEERING COCK
OT(TUBE)	OVERLOAD TIMING
OTC	OVERLOAD TIMING CONTROL
OTS	OVERLOAD TIMING START
P	PULSING
PA	PULSE COUNTING AUXILIARY (Out- going)
PAO	PREFIX 'A' OUTSTEERING
PB	PULSE COUNTING (Outgoing)
PBO	PREFIX 'B' OUTSTEERING
PC	PULSE COUNTING AUXILIARY (Out- going)
PC1-6	PULSE COUNTING (Outgoing)
PCK	PULSE CHECK
PCO	PREFIX 'C' OUTSTEERING
PD	PULSE COUNTING AUXILIARY (Out- going)
PE	PULSE COUNTING AUXILIARY (Out- going)
PFX/PFXB	PREFIX (Code conversion digits)
PFX1/PFXA	PREFIX AUXILIARY
PFXC	PREFIX AUXILIARY
PG	PULSE GENERATING
PG1	PULSE GENERATING AUXILIARY
PLK	PULSE LEAD CHECK
PP	PRELIMINARY PULSE A-C OUTPULSING

FUNCTIONAL DESIGNATIONS
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RM 2-6

2 SHEETS, SHEET 1

NO. 4A TOLL

ORDER AS BSP ITEM MP-11657

BELL TELEPHONE LABORATORIES, INC.

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2 SHEETS, SHEET 1

MP-11657

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MF INCOMING SENDER CIRCUIT (CONT.)

DESIG.	FUNCTIONAL MEANING	DESIG.	FUNCTIONAL MEANING
PP'	PRELIMINARY PULSE A-C OUTPULSING	TG	TRUNK GUARD (On-hook)
PS	PULSE START	TG1	TRUNK GUARD AUXILIARY
R	RING	TGT	TRUNK GUARD TIMING
R1	RING OUTPULSE	TGT1	TRUNK GUARD TIMING AUXILIARY
RA	REGISTER ADVANCE	TI	TROUBLE INDICATOR
RAR	RECEIVING ALTERNATE ROUTE	TKS	TRUNK SELECTED
RAR1	RECEIVING ALTERNATE ROUTE AUXILIARY	TKS1,2	TRUNK SELECTED AUXILIARY
RCG	RECYCLE GO	TL	TOLL
RCT	RECYCLE TIME	TM	TIP MARGINAL
RO	REORDER	TM0-9	TIMING
ROR	REORDER REQUESTED	TNI	TRUNK NUMBER INDICATOR
ROR1	REORDER REQUESTED AUXILIARY	TP	TIP POLAR
RR ² ₅	RECAPTURE RING	TR	TROUBLE RECORD
RSS	RECORD STUCK SENDER	TRL	TROUBLE RELEASE
RST	RECEIVED START	TS	TIP SENSITIVE
RST1,2	RECEIVED START AUXILIARY	TST	TEST
RT	RELAY TRANSFER	TST1	TEST AUXILIARY
RT ² / ₅	RECAPTURE TIP	TX	TX
S	SLEEVE	TXA	TX AUXILIARY
S1	SLEEVE AUXILIARY	VO	VIA ONLY
SA	SENDER ATTACHED	W	PART OF W-Z RELAY COMBINATION CIRCUIT
SA1	SENDER ATTACHED AUXILIARY	WR	PART OF W-Z RELAY COMBINATION CIRCUIT
SAR	SEND ALTERNATE ROUTE	XDD	EXPECT DELAY IN DIALING
SAR1,2	SEND ALTERNATE ROUTE AUXILIARY	XSG	EXPECT STOP-GO
SG1,2	STOP-GO AUXILIARY	Z	PART OF W-Z RELAY COMBINATION CIRCUIT
SK3	SKIP 3 (Outpulsing starts at 4th registered digit except on code conver- sion calls)		
SK6	SKIP 6 (4A only)		
SL	SLEEVE OUT		
SL1	SLEEVE OUT AUXILIARY		
SP	INCOMING TRUNK SPLIT		
SP1	INCOMING TRUNK SPLIT AUXILIARY		
SRM	SENDER RECORD MADE		
SST1	SEND START AUXILIARY		
SXD	SIMPLEX DIAL		
SXR	SIMPLEX RING		
SXR1	SIMPLEX RING AUXILIARY		
SY	SYNCHRONIZING		
SYN	SYNCHRONIZING		
T1	TIP OUTPULSE		
TC3	TIMING COMPLETED 300 MS		
TC5	TIMING COMPLETED 500 MS		
TCA	TIMING COMPLETED (DLC timing)		
TEN	TEN		

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