TERMINATING SENDER
LINK AND CONTROLLER

"B" SWITCHBOARD
SENDER AND POSITION FINDER CIRCUIT

TOLL-DSA-DSB
POSITION CIRCUIT

KEY AND LAMP CKT.

GROUPING
CIRCUIT

GAT/GBT S- S- S-
INT. RELAYS

SCI   SC2
2500 Ω   2500 Ω

PF
1300 Ω

PFI
1000 Ω

SR
DT   PB

HUNTING IDLE POSITION

P   PF   SR   PFI   DT   RC   TM2
2500 Ω
1200 Ω
STP B   RO
126 Ω   P-30.5 Ω   S-430 Ω   T-1500 Ω

INCOMING
TRUNK
CIRCUIT
A D
880 Ω

PRI   SEC
XPTS   XPTS

TCI B.S.   J   226 Ω   ON2
2 Ω   ON2   TC2
TS   H   L   10 Ω

SB-
2500 Ω

ONI   FO-9   FT
RL   MB

SCI   ONI
1300 Ω   ON2

TC2   ON2
2500 Ω

DC   HC/MC   C   SCI
TC2

R   DC TBL   SD   HC/   C
1000 Ω   MC

SG2   H-/
M-   TG-   SEC
TST   SGI   XPTS   TC3
50 Ω   SGO
HM   TC3
SS   550 Ω

P   S
HOLD   HOLD
1250 Ω   1250 Ω

SCI   FOO/FIO   RL ONI
2500 Ω

C-   FOO   FIO
TG-   SC2

PB   TM2   PFI
1600 Ω

FOO/FIO
TO POS. BSY.
AND N.A. CKT.

TG-   FO-9   RL ONI
2500 Ω

TR KEY   PO
PD KEY

T   TR   ST
P-1000 Ω   S-2900 Ω   TRI
2500 Ω

A   TBI
270 Ω

LAST
TALK
KEY   CORD
CIRCUIT   OPERATOR'S
TELEPHONE CIRCUIT   GROUPING
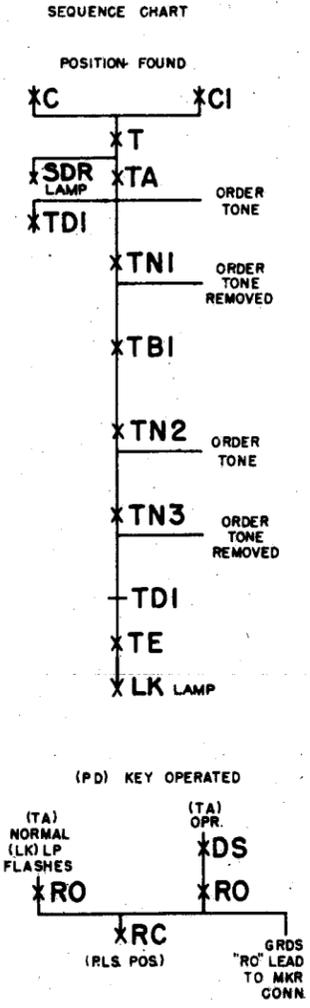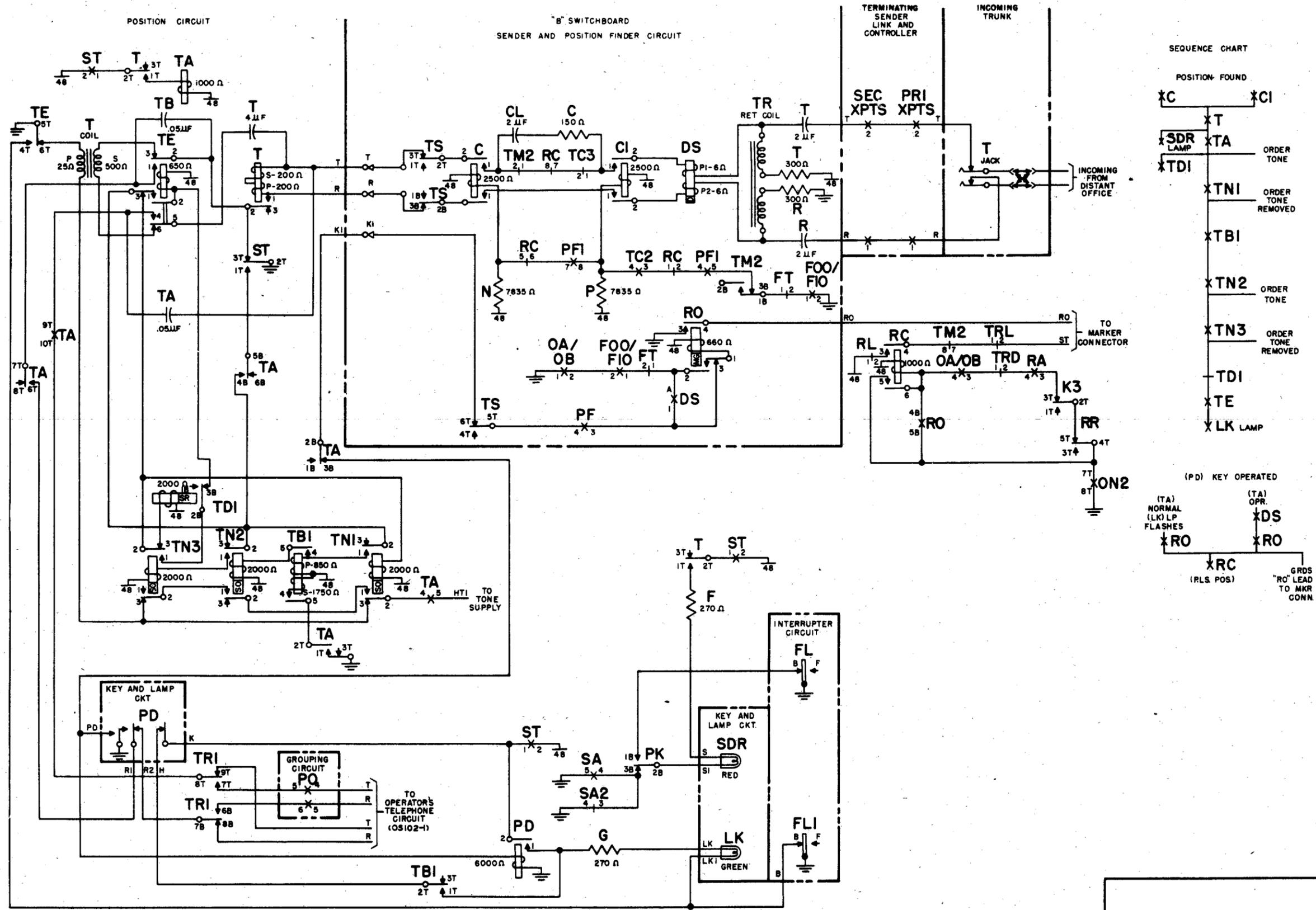CIRCUIT

THROUGH
INT. TALK KEYS   T

FIRST TALK
KEY

NOTES:
1. AN OPERATED PB RELAY PREVENTS SENDER HUNTING
   BY OPENING THE H LEAD AND P RELAY PATH AS SHOWN
   ON SHEET 1.
2. REFER TO SC103-1 FOR SEQUENCE CHART.

KEY SET TRANSFER   SD-55992-01, ISS. 3
POSITION BUSY AND NIGHT ALARM CKT. SD-21139-01, ISS. 22
CORD CKT.   SD-64737-01, ISS. 9
GROUPING CKT   SD-64740-01, ISS. 10
INCOMING TRUNK CKT.   SD-25875-01, ISS. 2
KEY AND LAMP CKT.   SD-56029-01, ISS. 6
OPERATORS TELEPHONE CKT. (TOLL) SD-55110-01, ISS. 14
POSITION CKT.   SD-55996-01, ISS. 6
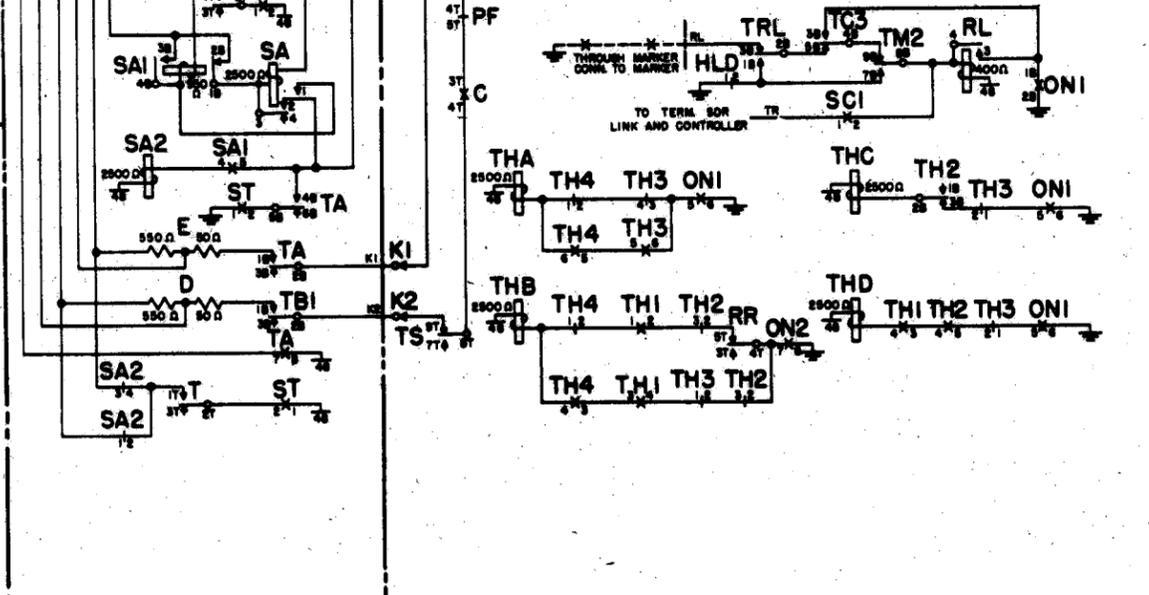* SENDER AND POSITION FINDER CKT. SD-25014-01, ISS. 25
TERMINATING SENDER LINK   SD-25459-01, ISS. 18
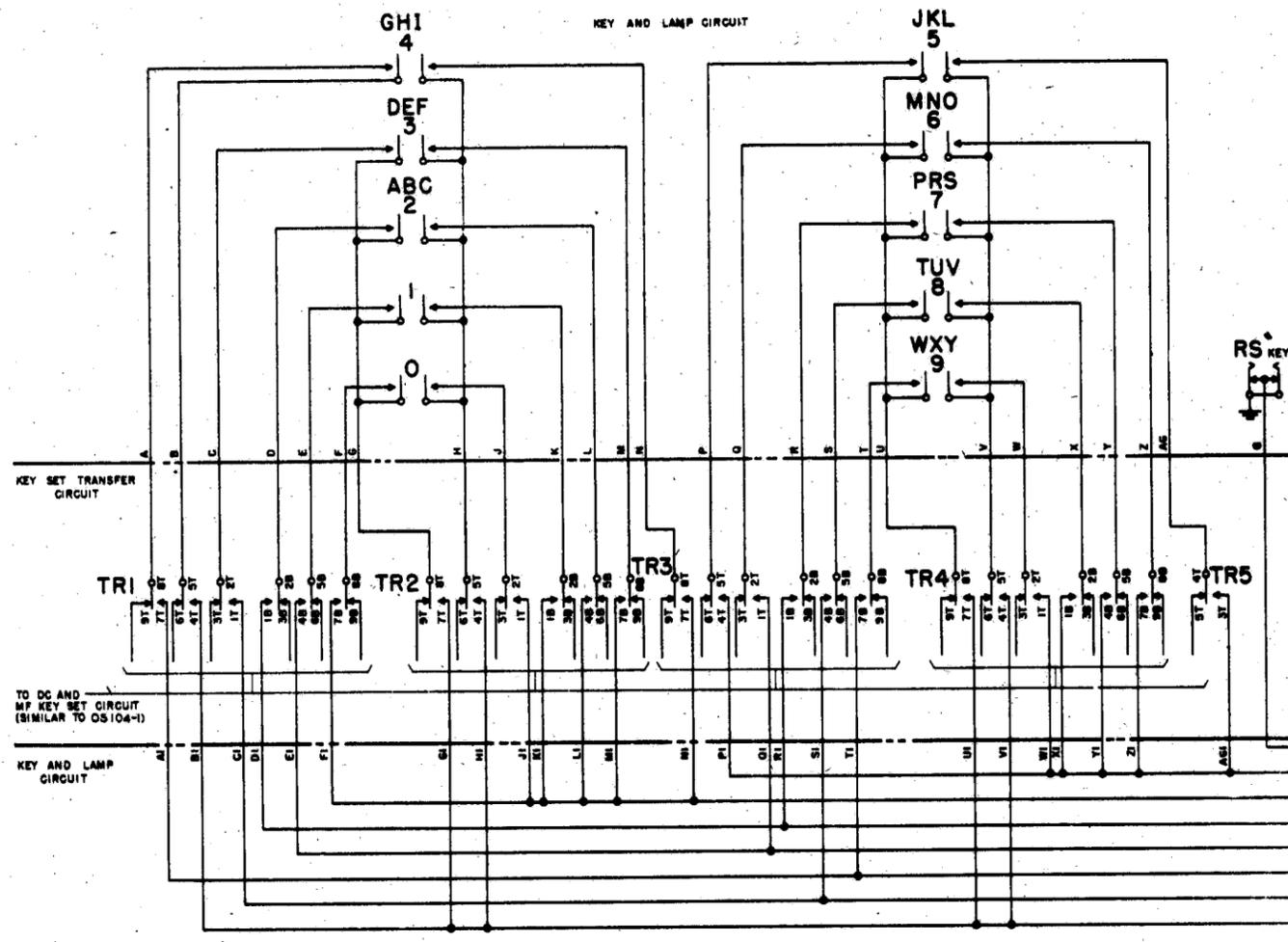AND CONTROLLER CKT.

"B" SWITCHBOARD
COMBINED TOLL-DSA-DSB POSITION

"B" SWITCHBOARD
COMBINED TOLL-DSA-DSB POSITION

NO. 3C OR 3CL TOLL SWBD.   4 SHEETS, SHEET 2   OS109-1

ORDER AS BSP ITEM MP-11512

"B" SWITCHBOARD
COMBINED TOLL-DSA-DSB POSITION

OS109-1   4 SHEETS, SHEET 3   NO. 3C OR 3CL TOLL SWBD.

ORDER AS BSP ITEM MP-11812

BELL TELEPHONE LABORATORIES, INC.

MP-11312   4 SHEETS, SHEET 3

SENDER AND POSITION FINDER CIRCUIT

MARKER FAILS TO RELEASE SENDER

CHECK FOR DOUBLE FRAME INDICATION

SEQUENCE CHART

FT RELAY OPERATION

ON2 RELAY HELD NORMAL

MARKER FAILURE

SEND. AND POS. FDR. RLS.
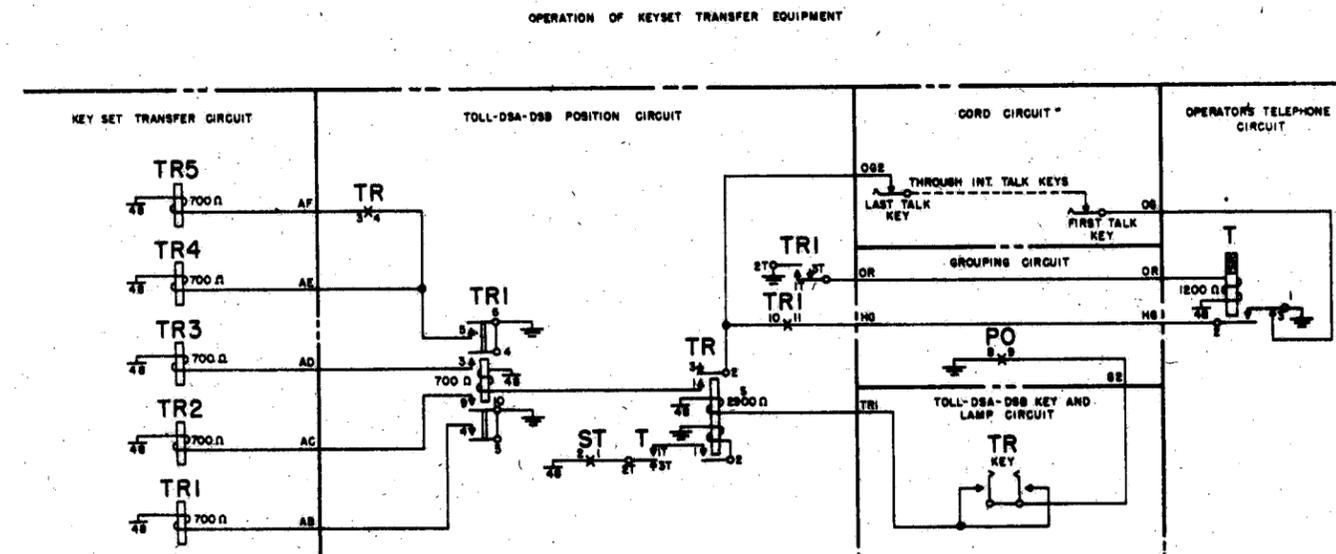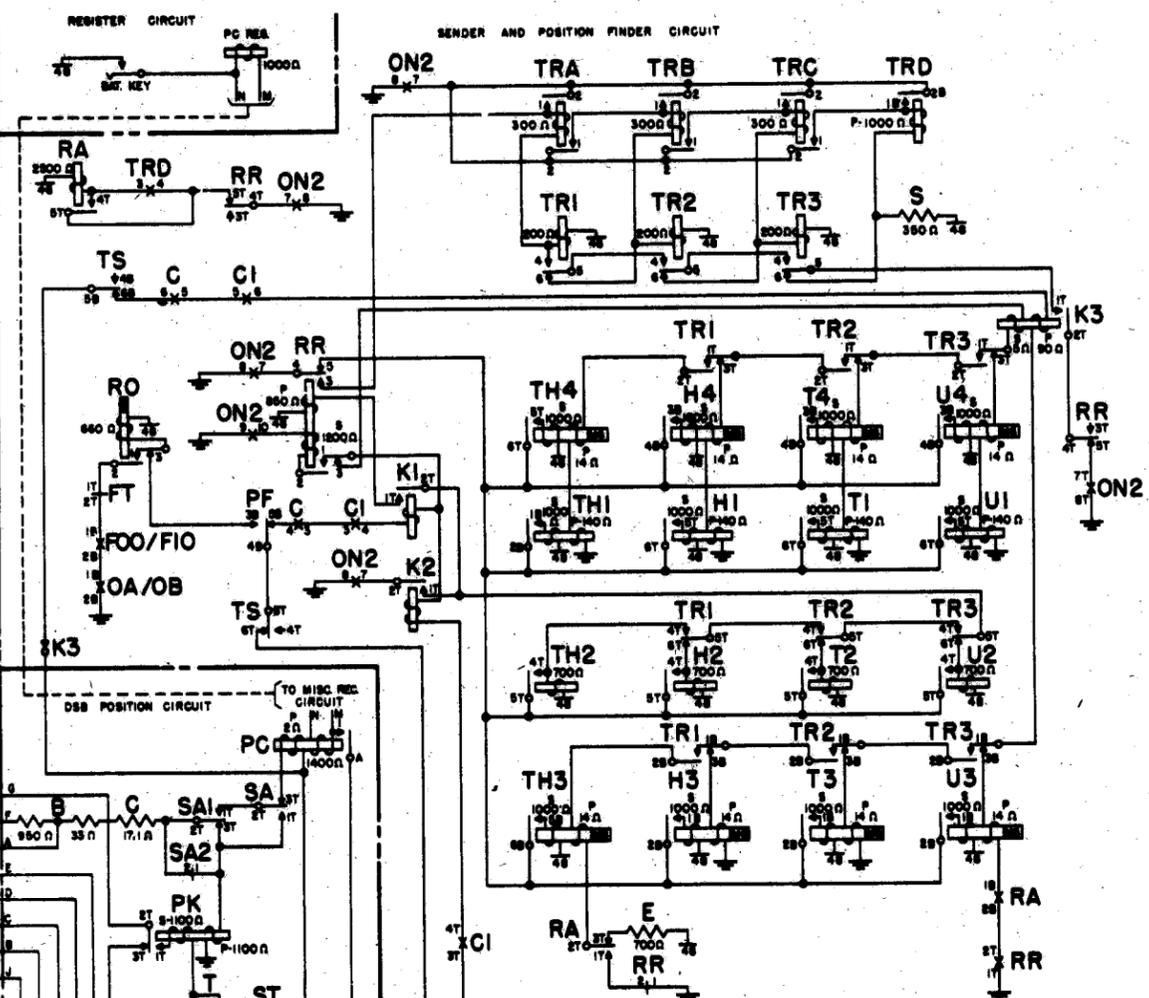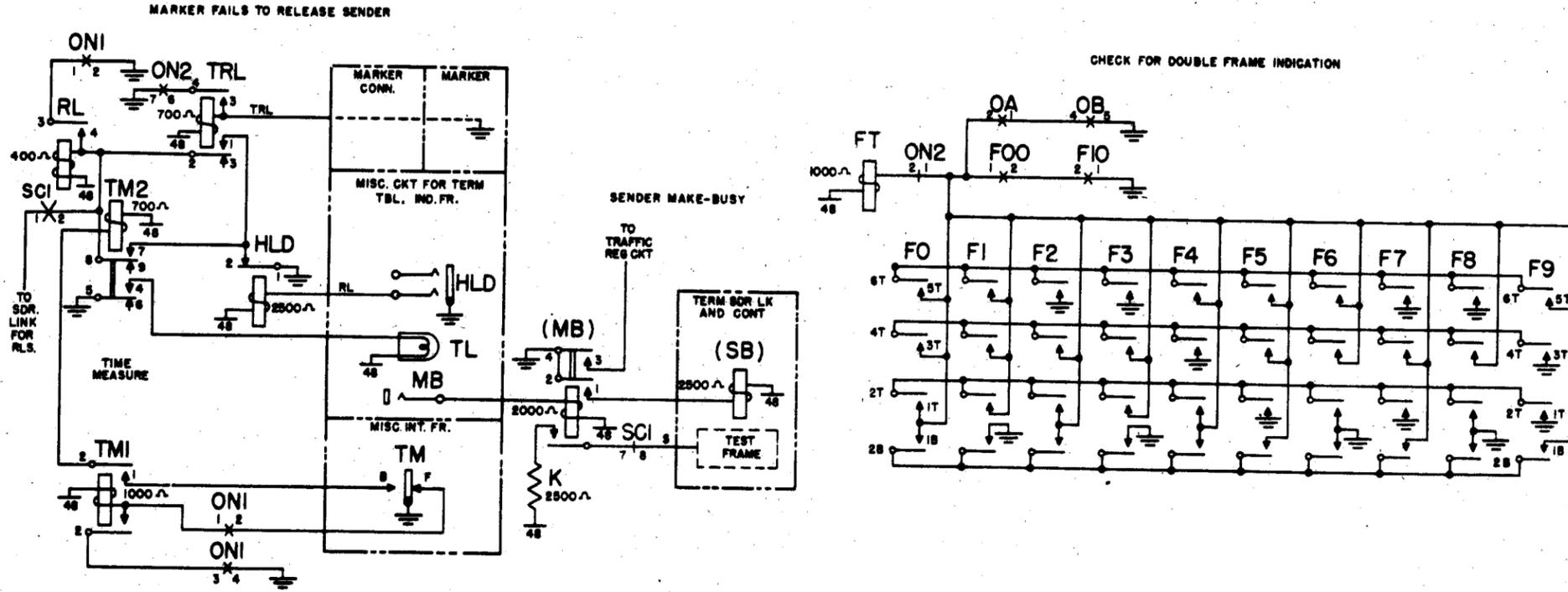
NIGHT (CALL WAITING) ALARM

NO. 3C OR 3CL TOLL SWBD.   4 SHEETS, SHEET 4

"B" SWITCHBOARD
COMBINED TOLL-DSA-DSB POSITION

OS109-1

ORDER AS BSP ITEM MP-11512